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### BRISCOE COUNTY, TEXAS

Records of wells, drillers' logs, water analyses, and map showing locations of wells

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Prepared in cooperation with the United States Department of the Interior, Geological Survey

September 1946

#### RECORDS OF WILLS IN BRISCOE COUNTY, TEXAS

#### Зy

#### John H. Dante

#### September 1946

This report, giving the results of water-well surveys in parts of Briscoe County, Texas, contains records of 180 wells and springs, drillers' logs of 13 wells and chemical analyses of water from 23 wells and springs. It also includes a map showing the location of all recorded wells and springs, each well or spring being given a number on the map corresponding to the number assigned to it in the records. The report was prepared in cooperation between the Texas State Board of Water Engineers and the United States Department of the Interior, Geological Survey.

A large part of the records were obtained by M. F. Miller, U. S. Department of Agriculture, Soil Conservation Service. A part were obtained, and many of the earlier records brought up-to-date by the writer during August and September 1946.

Included in the table of well records is the following information: well number, location and depth of well, names of owner and driller, length and size of casing, depth to the water level on given dates, method of lift and use of water. In the "remarks" column the items of information include the depth of pump setting, yield of pump in gallons a minute, drawdown in feet during pumping, number of acres irrigated from the well, and depth to "red beds".

The water analyses were made under the supervision of E. W. Lohr, or W. W. Hastings, District Chemists of the Quality of Water Division of the United States Geological Survey, and Dr. E. P. Schoch, Director of the Fureau of Industrial Chemistry of the University of Texas. The results of the analyses relate only to the mineral constit uents in the water and not to its sanitary content.

Grateful acknowledgement is due to the owners of the wells and pumping plants in Briscoe County who have given their cooperation in the collection of these data. Also to the Soil Conservation Service, the well drillers and representatives of pump companies who contributed freely of their information.

A limited number of copies of this report are available for free distribution. They may be obtained by addressing a request to Mr. C. S. Clark, Chairman, Texas State Board of W<sub>a</sub>ter Engineers, 302 West 15th. Street, Austin 14, Texas. Records of wells and springs in Briscoe County, Texas All wells are drilled unless noted in the remarks column.

|       | ATT.  | werrs are unrined un              | Tess noved in one   | Tematr                      | s coru                       |                                      | TT. 1 1 0  |
|-------|---|-----------------------------------|---|-----------------------------|------------------------------|--------------------------------------|--|
| Well, | Distance<br>from<br>Silverton                     | Owner                             | Driller   | Date<br>com-<br>ple-<br>ted | Depth<br>of<br>well<br>(ft.) | Diam-<br>eter<br>of<br>well<br>(in.) | Height of<br>measuring<br>point<br>above<br>ground<br>(ft.) a/ |
| 1     | 185 miles   | W. C. Hulsey Est.                 |   |                             | Spring                       | هينو البران                          |  |
| 2     | do.   | do.                               | 92 - 24 - 24 - 24 - 24 - 24 - 24 - 24 -                   |                             | Spring                       |                                      |  |
| 3     | 18 miles<br>northwest                             | do .                              | u   |                             | Spring                       |                                      |  |
| 4     | 18 <sup>1</sup> / <sub>2</sub> miles<br>northyest | C. Adair Est.                     | an  |                             | Spring                       |                                      |  |
| 5     | 18 miles<br>northwest                             | W. C. Hulsey Est.                 |   |                             | Spring                       |                                      |  |
| 6     | 17호 miles<br>northwest                            | do.                               | 4   |                             | Spring                       |                                      |  |
| 7     | do.   | do.                               |   |                             | _ 212                        | 5                                    |  |
| 8 .   | 17 miles<br>northwest                             | do.                               |   |                             | Spring                       |                                      | 101  |
| 9     | 16 miles<br>northwest                             | Dolly Morris and<br>V. Lee Matney | J. F. Davis   | 1938                        | 270                          | 21                                   |  |
| 10    | do.   | do.                               | Sears   | 1917                        | 260                          | 6                                    |  |
| 11    | do.   | Dick Todd                         |   | Old                         | 120                          | 6                                    |  |
| 12    | 15 <sup>1</sup> / <sub>2</sub> miles<br>northwest | Dolly Morris and<br>V. Lee Matney | Ed. Davis   | 1941                        | 170±                         | 6                                    |  |
| 13    | 142 miles<br>northwest                            | do.                               | J. F. Davis   |                             | 155                          | 24                                   |  |
| 14    | do.   | do.                               | do.   |                             | 170                          | g                                    |  |
| 15    | 14 <u>늘</u> miles<br>north                        | C. Adair Est.                     | Humble Cil and<br>Refinery Co.                            | 1932                        | 4010                         | 15 <u>†</u><br>12 <del>]</del>       |  |
| 16    | 14 <u>1</u> miles<br>northwest                    | W. J. Heim                        | Derrs   |                             | 146                          | 6                                    | 0.2  |
| 17    | 13년 miles<br>northwest                            | May                               | and and a first a disc disc disc disc disc disc disc disc |                             | 126 <u>+</u>                 | 6                                    | 0.8  |
| 18    | do.   | Grady Goodpasture                 | Fish  | 1946                        | 215                          | 16                                   | 1.2  |
| 19    | ll <sup>1</sup> / <sub>2</sub> miles<br>northwest | Frank Cobb                        | J. F. Davis   | 1945                        | 111                          | 8                                    | 0.5  |
| 20    | do.   | . do                              |   |                             | Spring                       |                                      |  |
| 21    | 12 miles<br>northwest                             | J. C. Anderson                    | C. S. Rice  |                             | 1630                         | 16                                   |  |
| 22    | 11층 miles<br>northwest                            | S. M. Rogers                      | 2   | Old                         | 70                           | 6                                    | 0  |
| A 110 |   | at more second lite ton o         | f agains ton of   | nino ol                     | 0.000                        | +                                    | min hoao   |

a/ Measuring point was usually top of casing, top of pipe clamp, or top of pump base or foundation.

b/ Method of lift: T, turbine; C, cylinder; E, electric; G, gasoline, natural gas, butane or oil engine; W, windmill. Number indicates horsepower. -3-

Chemical analyses of water from most of these wells and springs are given in the table of analyses

|         | WATER           | LEVEL           | t<br>t<br>t |               | ╈┉┲┉╋┙╫╗┚╺╄╶╋┝╵╖╴╋ <u>╕╊╌┎┧╻╻╻╋╼┧╼</u> ╖╴╊╖╸ <sub>┙</sub> ╋╸╱┙╸╇╊╛╸┥╋╘┚╸┥┱╸╴╸╻╸╸╻<br>╏ |
|---------|-----------------|-----------------|-------------|---------------|--|
| Well    | Below           | Date of         | Method      | Use           | Remarks  |
|         | land            | measurement     | of          | of            |  |
|         | surface         |                 | lift        | water         |  |
|         | (ft.)           |                 | ъ/          | - c/          |  |
|         |                 | 2               | -           | 1             |  |
| 1       |                 |                 | Flows       | S             | In north canyon at head of Deer Creek.   |
| Ì       |                 |                 |             | •             | Estimated flow 75 gallons a minute   |
| 2       |                 |                 | Flows       | S             | In southwest canyon from many seeps.   |
|         |                 |                 |             |               | at head of Deer Creek. Estimated flow  |
|         |                 |                 |             |               | 100 gallons a minute from many seeps.  |
| 3       |                 |                 | Flows       | S             | In south canvon at head of Deer Creek.   |
| 2       |                 |                 |             | 1             | Estimated flow 80 callons a minute   |
| 4       |                 |                 | Flows       | N             | On fork of Deer from many seeps.   |
|         |                 |                 | 120110      | -1            | Creek. Reported flow 50 gallons a  |
|         |                 |                 | -           |               | minute Dicennears in cand a short  |
|         |                 |                 |             |               | dictoreo from it a source  |
| 5       |                 |                 | Flowe       | G             | On Turkey Crock Reported flow 200  |
| )       |                 |                 | TTOWS       |               | millions a minute from many george   |
| 6       |                 |                 | TTI OTTA    |               | On a bronch of Turkov Crock Perorted   |
| U       | 1               |                 | TTOWS       | ð             | flem 200 mellent a minute from vorus   |
|         | 3/177           |                 | A 11        |               | 110W 200 gallons a minute from hany  |
| 1       | <u>u</u> /1/5   |                 | U, W        | D,S           | Uasea to 195 reet. About 2 seeps.  |
| -       | +               |                 | 1           |               | mile west of edge of cap rock.   |
| 0       |                 | ·               | FIOWS       | 5             | In canyon near nead of Gedar Greek.  |
|         | 1/075           |                 |             |               | Reported yield 250 gallons a minute  |
| 9       | <u>a</u> /235   |                 | C.W         | S             | No casing. Fump set from many seeps.   |
|         |                 |                 |             |               | 260 feet northwest of twin mills   |
| ·       |                 |                 |             | 1             | about 0.3 mile west of edge of cap   |
| 10      | <u>d</u> /235   |                 | C,W         | S             | No casing. Pump set 260 feet rock.   |
|         |                 |                 |             |               | southeast of twin mills about 0.3  |
| <u></u> |                 |                 |             |               | mile west of edge of cap rock.   |
| 11      | <u>  d</u> /100 |                 | С,₩         | D,S           |  |
| -       |                 |                 |             |               |  |
| 12      | <u>a</u> /130   |                 | C,W         | D,S           | About 15 feet northwest of well is   |
|         |                 |                 |             |               | well drilled in 1894 to depth of 375   |
| 13      | d/130           |                 | C, W        | S             | About 0.6 mile feet, now abandoned.  |
|         |                 |                 |             |               | west of edge of cap rock.  |
| 14      | d/130           |                 | C,W         | S             |  |
|         |                 |                 |             | 1             | •  |
| 15      | ****            |                 |             |               | Oil test. See log.   |
|         |                 |                 |             |               |  |
| 16      | 124.7           | Sept. 4, 1946   | C.W         | D,S           |  |
|         |                 |                 |             |               |  |
| 17      | 96.0            | Sept. 9, 1946   | C, W        | D             |  |
|         |                 |                 |             |               |  |
| 18      | 95.7            | d.o.            | T.G.        | Irr           | Reported yield 200 gallons a minute,   |
|         |                 |                 | 184         |               | 2 0 0  |
| 19      | 98.0            | Sept.10, 1946   | C.W         | S             | About 4 mile west of canvon rim.   |
| -       |                 |                 |             |               |  |
| 20      |                 |                 | Flows       | 1 S           | Reported vield 10 mallons a minute   |
| _       | 1               |                 |             |               | from many seens.   |
| 21      |                 |                 |             | 1             | Oil test. See log.   |
|         | ;               |                 |             |               | 277 0000° Doo TOE*   |
| 22      | 1 45.           | Sent. 1 1016    | C.W         | +             | <u> </u>   |
| 1       | · · /•          | 1 DODA 18 TOTO  | U # 14      | · :           |  |
| 0/ T-   | in inninci      | ion D mahita    | 1           | The start     | ogtiot C stople M not  |
| ¥, *    | T TITESS        | TOTT' E' DADTIC | ອດກົກເພີ່   | <b>υ,</b> αοπ | CSULU, D; SUUCK, N, HUU USED.  |

d/ Water level reported by driller or owner.

| พคาป | Distance   | (TTTT) A TT      | Duillon     | Dote         | Denth               | Diom  | Height of |
|------|--|------------------|-------------|--------------|---------------------|-------|-----------|
| "CTT | from   | Owner.           | , DLTTTGL   | com-         | of                  | oter  | noint     |
|      | Silverton  |                  |             | ישור וישור ו | well                | of    | above     |
| •    |  |                  |             | ted          | (ft.)               | well  | ground    |
|      |  |                  |             |              |                     | (in.) | (ft.) a/  |
| 23   | 6 miles<br>northwest                             | Wright B. May    | J. F. Davis | 1933         | 110                 | 8     | 2.0       |
| 24   | do.  | C. M. Flowers    |             |              | Spring              |       |           |
| 25   | do.  | do.              |             |              | Spring              |       |           |
| 26   | 9 <u></u> miles<br>northwest                     | Ashel Cross      | Jim Watson  | 1906         | 83                  | 8     | 0.5       |
| 27   | 9½ miles<br>west                                 | True Burson      |             | 1940         | 155                 | 21    | 0.5       |
| 28   | 6½ miles<br>west                                 | G. B. Mayfield   | Ed Davis    | 1945         | 216                 | 21    | 1.0       |
| 29   | 5 miles<br>west                                  | Earl Simpson     | J. F. Davis | 1946         | 200                 | 9     |           |
| 30   | 4를 miles<br>west                                 | do.              | dQ.         | 1946         | 186                 | 21    | 1.0       |
| 31   | 7½ miles<br>northwest                            | G. R. Mayfield   |             |              | Spring              |       |           |
| 32   | 8 miles<br>northwest                             | C. M. Flowers    |             |              | Spring              |       |           |
| 33   | do.  | do.              | Frank Hunt  | 1945         | 250                 | 8     |           |
| 34   | 8½ miles<br>northwest                            | đo.              |             |              | Spring              |       |           |
| 35   | 35 miles<br>northwest                            | Crvil Turner     |             | Old          | 170 <b>-</b><br>180 | 8     |           |
| 36   | 6 <sup>±</sup> miles<br>north                    | Roy McMurtrie    |             | 1906         | 137                 | 5     |           |
| 37   | 7 miles<br>northwest                             | do.              |             |              | Spring              |       |           |
| 38   | 7 <u>늘</u> miles<br>north                        | do.              | J. F. Davis | 1942         | 250                 | 8     |           |
| 39   | 6 miles<br>north                                 | do.              |             |              | Spring              |       |           |
| 40   | 55 miles<br>northeast                            | R. M. Haverty    |             |              | Spring              |       |           |
| 41   | 6 miles<br>northeast                             | Herbert R. Brown |             |              | Spring              |       |           |
| 42   | 5 <sup>1</sup> / <sub>2</sub> miles<br>northeast | do.              | Frank Hunt  | 1916         | 175                 | 8     |           |
| 43   | 43 miles<br>northeast                            | do.              |             | Old          | 165 <u>+</u>        | 8     | 1.0       |
| 44   | 4 miles<br>north                                 | Lee D. Bomar     | J. F. Davis | 1935         | 232                 | 9     |           |

Records of wells and springs in Briscoe County--Continued

| ,    | WATER          | LEVEL  |         |            |  |
|------|----------------|--|---------|------------|--|
| Well | Below          | Date of  | Method  | Use        | Remarks  |
| ļ    | land           | measurement  | of      | of         |  |
| 1    | surface        |  | lift    | water      | ,  |
| 1    | (ft.)          |  | b)      | <u>ر</u> ي |  |
|      |                |  |         |            |  |
| 23 1 | 84.8           | Sept. 10, 1946   | Į C,₩ . | D,S        | Reported to have reached "red bed".  |
| 24   |                | بن بر بین برد برد بر بین   | Flows   | S          | On slope of draw. Estimated yield 3-6 gallons a minute from many seeps.                                    |
| 25   |                |  | Flows   | S          | At head of draw. Estimated yield<br>3 to 10 gallons a minute from many<br>seeps.                           |
| 26   | 36.6           | Sept. 2, 1946  | C,W     | D,S        | About 100 feet west and north of draw,   |
| 27   | 70.5           | Aug. 27, 1946  | None    | N          | Reported yield 200 gallons a minute,<br>considered insufficient for irrigation.                            |
| 28   | 103.6          | Sept. 11, 1946   | None    | N          | Reported yield 100 gallons a minute,<br>considered insufficient for irrigation.<br>"Red beds" at 194 feet. |
| 29   | <u>_d</u> /135 | and and a second se | None    | N          | Abandoned and plowed over. "Red beds"<br>at 200 feet.  |
| 30   | 114.5          | Sept. 2, 1946  | None    | N          | Insufficient water for irrigation.<br>"Red beds" at 165 feet.  |
| 31   |                | ang teo  | Flows   | S          | In bottom of canyon. Estimated yield<br>200 gallons a minute from many seeps.                              |
| 32   | torn Ball      |  | Flows   | S          | In breaks of Tule Canyon, near<br>narrows. Reported yield 150 gallons<br>a minute from many seeps.         |
| 33   | <u>a</u> /140  | 1997   | C,7     | S          | In breaks of Tule Canyon.  |
| 34   |                |  | Flows   | S          | Seeps supplying pool at foot of lower<br>falls of Tule Creek. Reported yield<br>10 to 20 gallons a minute. |
| 35   | <u>a/170</u>   |  | C, W    | D,S        |  |
| 36   | <u>d/123</u>   |  | C, 17   | S          | Casing: 80 feat of 5-inch, from<br>57 to 137 feet. "Red beds" at 117 fect.                                 |
| 37   |                |  | Flows   | S          | In Ross Cenyon. Reported yield 3 to<br>4 gallons a minute from many seeps.                                 |
| 38   | <u>a</u> /215  |  | C,W     | S          | About 0.15 mile west of Coon Creek<br>Canyon. "Red beds" at 200 feet.                                      |
| 39   |                |  | Flows   | S          | On Coon Creek. Used for stock in<br>winter. Reported yield about 10 gallons<br>a minute.                   |
| -40  |                |  | Flows   | N          | Near head of Coon Creck. Reported<br>yield 1 to 10 gallons a minute.                                       |
| 41   |                |  | Flows   | N          | In Coon Creek Canyon. Reported<br>yield 1 to 5 gallons a minute.   |
| 42   | <u>a</u> /155  |  | C, W    | S          | "Red beds" at 170 feet.  |
| 43   | 159.9          | Sept. 16, 1946   | C.W     | D,S        |  |
| 7474 | <u>a</u> /180  | n an an an   | None    | N          | Drilled as test hole. Reported<br>yield 7 gallons a minute. "Red bods"<br>at 232 feet.                     |

| Well | Distance<br>from                                 | Owner             | Driller              | Date<br>com- | Depth<br>of        | Diam-<br>eter       | Height of<br>measuring<br>point  |
|------|--|-------------------|----------------------|--------------|--------------------|---------------------|--|
| -    | Silverton  |                   |                      | ted          | voll<br>(ft.)      | of<br>well<br>(in.) | above<br>ground<br>(ft.) <u>a</u> /  |
| 45   | 2 <sup>1</sup> / <sub>2</sub> miles<br>northeast | Mill McCracken    | J. F. Davis          | 1945         | 200                | 9                   |  |
| 46   | 27 miles<br>northeast                            | M. J. O'Neal      |                      | 1901         | 140                | 6                   | 0.5  |
| 47   | 65 miles<br>northeast                            | Dewey Beavers     | Dave Lufboro         | 1931         | 300 <b></b><br>400 | 6                   | 2.0  |
| 48   | 8 miles<br>northeast                             | C. Adair Est.     |                      |              | Spring             |                     |  |
| 49   | 5 <sup>1</sup> miles<br>northeast                | J. H. Burson Est. |                      | 1912         | 170                | 6                   | 2.0  |
| 50   | 6 miles<br>east                                  | do.               | Frank Hunt           | 1946         | 185                | 6                   |  |
| 51   | 7 miles<br>east                                  | do.               |                      | 1905         | 180                | 6                   |  |
| 52   | 87 miles<br>east                                 | Guy Mc7illiams    |                      | Öld          | 210                | 6                   | and and a second se |
| 53   | ll∉ miles<br>east                                | Tina E. Schott    |                      |              | Spring             |                     |  |
| 101  | 9 <sup>늘</sup> miles<br>west                     | D. R. Blackerby   |                      | 1937         | 165                | 21                  |  |
| 102  | 8 miles<br>west                                  | W. H. Fitzgerald  | J. F. Davis          | 1946         | 158                | 21                  | 1.0  |
| 103  | 6½ miles<br>west                                 | Redmond           | do.                  | 1940         | 191                | 16                  | 0.8  |
| 104  | 5 miles<br>southwest                             | W. J. Mercer      | Francis and<br>Davis | 1937         | 250                | 21                  |  |
| 105  | 6 <u>3</u> miles<br>southwest                    | M. A. Graham      | En er                |              | 200                | 21                  | 500  |
| 106  | do.  | do.               | J. F. Davis          | 1946         | 198                | 21                  | 1  |
| 107  | do.  | đo.               | đo .                 | 1939         | 200                | 21                  | 1  |
| 108  | 6 <u>1</u> miles<br>west                         | đo.               | do.                  | 1930         | 200                | 21                  | مندور <sub>م</sub> واندان مان المراجع من من مان مان مان مان مان مان مان مان م                                  |
| 109  | 7 miles<br>west                                  | do.               | do.                  | 1946         | 170                | 9                   | 0  |
| 110  | 8 miles<br>west                                  | Guy E. Orr        | đo .                 | 1946         | 183                | 21                  |  |

Records of wells and springs in Briscoe County --- Continued

|         | WATER         | LEVEL         |        |       |                                       |
|---------|---------------|---------------|--------|-------|---------------------------------------|
| Well,   | Below         | Date of       | Method | Usc   | Remarks                               |
| 1       | land          | measurement   | of     | of    |                                       |
| 1       | surface       |               | lift   | water |                                       |
| 1       | (ft.)         |               | ъ/     |       |                                       |
|         |               |               |        |       |                                       |
| 45      | d/135         | ·····         | C. W   | D,S   | Drilled as test hole. Remorted        |
|         |               |               |        |       | yiold 20 gallons a minute. "Red       |
| 46      | 135.5         | Sept.16, 1946 | C,₩    | D,S   | Irrigates beds" at 200 feet.          |
|         |               |               |        |       | garden, $\frac{1}{4}$ acre.           |
| 47      | 198           | d.o.          | C.W    | D,S   | Cased to bottom.                      |
|         |               |               |        |       | ·                                     |
| 48      |               |               | Flows  | S     | Dug out to form a basin. Used         |
|         |               |               | r<br>A |       | for stock in winter. Reported         |
|         |               |               | !      |       | yield 10 gallons a minute.            |
| 49      | 138.4         | Sopt.16, 1946 | C,W    | D,S   | Cased for 10 feet.                    |
|         |               |               | t      |       | · · · · · · · · · · · · · · · · · · · |
| 50      | a/160         |               | C,W    | S     |                                       |
|         |               |               |        |       | '<br>i                                |
| 51      | <u>a</u> /155 |               | C, W   | D,S   | Pump set at 175 feet.                 |
| <b></b> |               |               |        |       |                                       |
| 52      | <u>d</u> /195 |               | C,W    | D,S   | Pumo set at 200 feet.                 |
|         |               |               |        |       |                                       |
| 53      |               |               | Flows  | S     | Reported yield 1 to 5 gallons a       |
| ·       |               |               |        |       | minuto.                               |
| 101     | <u>a</u> /65  |               | T,G    | Irr   | Reported yield 700 gallons a          |
|         |               |               |        |       | minute,                               |
| 102     | 58.8          | Aug. 30, 1946 | Nono   | N     | Pump not yet set when visited.        |
|         |               |               |        |       | "Red bods" at 157 feet.               |
| 103     | 90.3          | Aug. 27, 1946 | None   | N     | Insufficient water for irrigation     |
|         |               |               |        |       | reported.                             |
| 104     | <u>a</u> /85  |               | None   | N     | Reported yield 300 gallons a          |
|         | 1             |               |        |       | minute, considered insufficient       |
|         |               |               |        |       | for irrigation. "Red beds" at         |
| 105     | 78.2          | Aug. 31, 1946 | None   | N     | Test hole. Reported 200 fect.         |
|         |               |               |        |       | yicld 400 gallons a minute,           |
|         |               |               |        |       | considered insufficient for           |
|         |               |               |        |       | irrigation. "Red beds" at 200         |
| 106     | 79•3          | Aug. 31, 1946 | Ilone  | N     | Moasured yield 400                    |
|         |               |               |        |       | gallons a minute with drawdown to     |
|         |               |               |        |       | bottom of well. Insufficient for      |
|         |               |               |        |       | irrigation. "Red bods" at 198 feet.   |
| 107     | 85.9          | Mar. 16, 1946 | Mone   | N     | Roported drazdown 37 feet after       |
|         | 87.9          | Aug. 31, 1946 |        |       | pumping 450 gallons a minute          |
|         |               |               |        |       | for 7 hours in 1946. Considered       |
|         |               |               |        |       | insufficient for irrigation.          |
|         |               | 4             | L      |       | "Red beds" at 200 feet.               |
| 108     |               |               | None   | N     | Reported yield 250 to 400 gallons     |
|         |               |               |        |       | a minute, considered insufficient     |
| 2.00    |               | +             |        | 1     | for irrigation. Hole filled in.       |
| т0Э     | 68.1          | Aug. 31, 1946 | None   | ¦ N   | Test hole. Reported yield 250         |
|         |               |               | l.     |       | to 400 gallons a minute,              |
|         |               |               | 2<br>8 |       | considered insufficient for           |
|         |               |               |        | ·     | irrigation. "Red beds" at 150         |
| TT()    | ,             |               | T, G,  | Irr   | Three stage pump set at feet.         |
|         | ł             | •<br>•        | 95     | ì     | 130 feet. Reported yield 800          |
|         |               |               |        | :     | gallons a minute.                     |

| Well | Distance<br>from<br>Silverton     | Owner                   | Driller                  | Date<br>com-<br>ple-<br>ted | Depth<br>of<br>well<br>(ft.) | Diam-<br>eter<br>of<br>well | Height of<br>measuring<br>point<br>above<br>ground |
|------|-----------------------------------|-------------------------|--------------------------|-----------------------------|------------------------------|-----------------------------|--|
| 111  | 8 miles<br>west                   | R. N. McDaniels,<br>Sr. | . J. F. Davis            | 1937                        | 181                          | 21                          | 1.5  |
| 112  | 8 <mark>5</mark> miles west       | J. L. West              | do.                      | 1937                        | 176                          | 21                          | 4.0  |
| 113  | do.                               | Milton G. Martin        | Hollie F.<br>Francis     | 1946                        | 190                          | 21                          | 0.5  |
| 114  | 94 miles<br>southwest             | Diller                  | Leo Koger                | 1945                        | 200                          | 21                          | 1  |
| 115  | lO miles<br>southwest             | Orlin Stark             | J. F. Davis              | 1946                        | 175                          | 18                          | l  |
| 116  | 9 miles<br>southwest              | V. A. Readhimer         | Leo Koger                | <b>1</b> 944                | 172                          | 14                          | 0: 0   |
| 117  | 9½ miles<br>southwest             | Irene Ayres             |                          | 1939                        | 180                          | 16                          | 1.0  |
| 118  | 9 miles<br>southwest              | Alvin Redin             | J. F. Davis              | 1945                        | 195                          | 21                          | 1  |
| 119  | 81 miles<br>southwest             | Tom Thiteley            | do.                      | 1946                        | 202                          | 21                          | 2  |
| 120  | do.                               | C. L. Wilson            | Green Machinery -<br>Co. | 1940                        | 300 <u>+</u>                 | 21                          |  |
| 121  | 8 miles<br>southwest              | M. A. Graham            | J. F. Davis              | 1946                        | 200                          | 21                          | 1  |
| 122  | do.                               | Sam D. Massie           | Hollie F.<br>Francis     | 1946                        | 190                          | 21                          | 1  |
| 123  | 7 <del>5</del> miles<br>southwest | L. A. Matthews          | J. F. Davis              | 1938                        | 180                          | 21                          | 1  |
| 124  | 8 miles<br>scuthwest              | J. E. O'Neal            | J. E. C'Neal             | 1945                        | 198                          | 21                          | 1  |
| 125  | 7 <del>;</del> miles<br>southwest | A. C. Mercer            | J. F. Davis              | 1944                        | 220 <b></b><br>225           | 21                          | an a           |
| 126  | 7 miles<br>southwest              | do.                     | Green Machinery<br>Co.   | 1938                        | 225                          | 21                          | 0.8  |
| 127  | do.                               | do.                     | J. F. Davis              | 1939                        | 225                          | 21                          | 1  |

Records of wells and springs in Briscoe County--Continued

| Tell       Date of<br>land       Date of<br>measurement       Nethod<br>of<br>of       Use<br>of       Remarks         111       Water<br>(ft.)       June 19, 1946       7.6.       Irr       Reported drawdorm 22 feat when<br>pumping 800 callons a minute.         112       June 19, 1946       7.6.       Irr       Seported drawdorm 22 feat when<br>pumping 800 callons a minute.         113       405.2       Mag. 30, 1946       T.6.       Irr       Date at an or crows<br>in 1945.         114       7.2.2       Mag. 30, 1946       T.6.       Irr       Pump set at 180 feet.       Irrigation<br>public water i 190 feet.         114       7.2.2       Mag. 30, 1946       T.6.       Irr       Estimated yield 600<br>gallons a minute.       Name to yield for<br>gallons a minute.         114       7.2.2       Mag. 30, 1946       T.6.       Irr Drawdom 31 feet on June 19,<br>1946.       Troigation a minute.         115       85.3       Mar. 4, 1946       T.6.       Irr Drawdom 31 feet on June 19,<br>1946.       Troigation a minute.         116       85.3       Mar. 4, 1946       T.6.       Irr Measured 1 and feed in 1946.         117       68.6       Mar. 4, 1946       T.6.       Irr Mag. 200 callons a minute.         116       85.3       June 19, 1946       T.6.       Irr Mag. 200 callons a minute.  |            | WA TE D           | ד                   |          |  |                                  |
|---|------------|-------------------|---------------------|----------|--|----------------------------------|
| Introde         Introde <thintrode< th=""> <th< td=""><td></td><td>Below</td><td>Date of</td><td>Method</td><td>Uso</td><td>Pemeriza</td></th<></thintrode<>  |            | Below             | Date of             | Method   | Uso                                    | Pemeriza                         |
| aurface<br>(ft.)         lift         water<br>2/           111         water<br>2/         2/         g/           111         80.         June 19, 1946         7.6.         Irr Pumping 500 callons a minute.           77.8         July 1, 1946         95         pumping 500 callons a minute.           112         80.4         Aug. 30. 1946         1.6.         Irr Pump set at 180 feet. Irrigated<br>80 acres of wheat and rew cross<br>in 1946. Reported yield 750<br>(allons a minute.           114         72.2         Aug. 30. 1946          N         Insufficient water i 120 feet.<br>for irrigstion reported.           114         72.2         Aug. 30. 1946          N         Insufficient water i 120 feet.           114         72.2         Aug. 30. 1946          N         Insufficient water i 120 feet.           115         66.4         Aug. 30. 1946          N         Insufficient water i 120 feet.           116         85.3         Mar. 4, 1946         7.6.         Irr Cased to 100 feet. Jump set at 19.           117         68.6         Mar. 4, 1946         7.6.         Irr Pump set at 150 feet 111 1946.           117         68.6         Mar. 4, 1946         1.6.         Irrigating 200 acres of wheat 19.           1946         wh   | NOTT 1     | lend              | mensurement         | , nethou | 050<br>of                              |                                  |
| Off.         b/         g/           111         80.         June 19, 1946         T. C.         Irr         Reported drawdown 22 feet when<br>pumping 500 callons a minute.           112         60.4         Aug. 30, 1946         T. C.         Irr         Estimated yield 500 callons a<br>minute.           113         65.2         May 15, 1945         T. C.         Irr         Fung set at 180 feet. Irrigated<br>80 across of wheat and row crows<br>in 1946. Reported yield 750<br>gallons a minute.         Fung set at<br>190 feet. Irrigation reported.           114         T2.2         Aug. 30, 1946          N         Insufficient water i 190 feet.           115         60.1         June 19, 1946         T. C.         Irr         Cased to 100 feet. They set at<br>150 feet. Estimated yield 600<br>gallons a ninute.           116         85.3         Mar. 4, 1946         T. C.         Irr         Daradown 31 feet on June 19,<br>1946, whon pumping an estimated<br>500 callons a minute.           117         68.6         Mar. 4, 1946         T. C.         Irr Paradown 31 feet on June 19,<br>1946, whon pumping an estimated<br>50.0           118         82.1         July 1, 1946         125         Fung set at 180 feet 1 in 1946.<br>25 daradown, 44, 1 foot on June 19,<br>1946, enon pumping an estimated<br>50.0         Irrigation<br>1946, enon pumping an estimated<br>50.0           120  |            | curface           | moasur omorro       | lift     | water                                  |                                  |
| 111         80.         June 19, 1946         7.6.         Irr         Reported dramdown 22 feet when<br>pumping 600 callens a ninute.           112         80.         Aug. 30, 1946         7.6.         Irr         Reported dramdown 22 feet when<br>pumping 600 callens a ninute.           112         80.         Aug. 30, 1946         7.6.         Irr         Estimated yield 500 gallons a<br>ninute.           113         65.2         May 15, 1545         7.6.         Irr         Fum set at 180 feet.         Irrigated<br>S0 cares of wheat and row crops<br>in 1946.           114         72.2         Aug. 30, 1946          N         Insufficient water         1190 feet.           115         50.1         June 19, 1946         7.6.         Irr         Estimated yield 600<br>gallons a ninute.           116         85.3         Mar. 4, 1946         7.6.         Irr         Drawdown 31 feet on June 19,<br>196.         None 19, 1946           117         68.6         Mar. 4, 1946         7.6.         Irr maxing 20 cares of wheat<br>150 feet. June 19, 1946         16.           116         85.3         Juny 1, 1946         7.6.         Irr maxing 20 cares of wheat<br>150 feet. door June 19,<br>1946.         None         Irrigating 200 cares of wheat<br>150 feet. door June 19,<br>1946.         None           118         82.1         Jul   | Ì          | $(ft_{-})$        |                     | h/       | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ |                                  |
| 111         80.         June 19, 1946         7.6.         Irr         Reported dreadom 2P fest when<br>pumping 800 callons a minute.           112         20.4         Aug. 30, 1946         7.6.         Irr         Stimated yield 800 callons a minute.           113         b6.2         May 15, 1945         T.6.         Irr         Stimated yield 800 callons a minute.           113         b6.2         May 15, 1945         T.6.         Irr         Pump set at 180 feet. Irrigated           114         72.2         Aug. 30, 1946         125         Irr Cased to 100 feet. Fump set at 190 feet.           114         72.2         Aug. 30, 1946          N Insufficient water [190 feet.           115         50.1         June 19, 1946         T.6.         Irr Cased to 100 feet. Fump set at 150 feet.           115         50.1         June 19, 1946         T.6.         Irr Cased to 100 feet. Fump set at 150 feet.           116         25.3         Mar. 4, 1946         T.6.         Irr Casing: 100 feet of lbench.           117         68.6         Mar. 4, 1946         T.6.         Irr Pump set at 150 feet.         Irrigating 157 acres of wheat and orghum 168           117         68.6         Mar. 4, 1946         T.6.         Irr Pump set at 150 feet.         Irrigating 106 <t< td=""><td>1</td><td>(10.)</td><td></td><td><u> </u></td><td><u> </u></td><td></td></t<>  | 1          | (10.)             |                     | <u> </u> | <u> </u>                               |                                  |
| 77.8       July 1, 1946       95       pumping 800 relions a minute.         112       20.4       Aug. 30, 1946       T. G.       Irr       Istinated yield 800 spillons a minute.         113       b6.2       May 15, 1945       T. G.       Irr       Irremp set at 180 feet. Irrigated 80 spillons a minute.         113       b6.2       May 15, 1945       T. G.       Irr       Permp set at 180 feet. Irrigated 80 screes of wheat and row cross in 1946. Reported yield 750 rest. Transficient water i 190 feet.         114       72.2       Aug. 30, 1946       T. G.       Irr       Descrees of wheat and row cross in 1946. Proported yield 600 spillons a minute.         115       50.1       June 19, 1946       T. G.       Irr       Descrees of wheat and row cross in 1946. Proported.         115       50.1       June 19, 1946       T. G.       Irr       Descrees of wheat and row cross in 1946. Proported.         115       50.1       June 19, 1946       T. G.       Irr       Descrees of wheat and cordinated staft organ screes of wheat and screes of wheat 130 feet. Irrigating 1946. Proported yield 600 screes of wheat 130 feet. Irrigating 1946. Proported yield.         116       25.5       June 19, 1946       T. G.       Irr       Pump set at 150 foot is in 1946. Proported yield.         117       68.6       Mar. 4, 1946       T. G.       Irr  | 111        | 80.               | June 19, 1946       | T,G,     | Irr                                    | Reported drawdown 22 feet when   |
| 172         Aug. 30, 1946         T. G.         Irr         Estimated yield 500 gallons a minute.           113         b6.2         May 15, 1945         T. G.         Irr         Fump set at 180 feet. Irrigated 500 gallons a minute.           113         b6.2         May 15, 1945         T. G.         Irr         Fump set at 180 feet. Irrigated 500 gallons a minute.           114         .22         Aug. 30, 1946         T. G.         Irr         Fump set at 180 feet. Irrigated 500 gallons a minute.           114         .72.2         Aug. 30, 1946         T. G.         Irr         So acres of wheat and row crows in 1946. Reported.           115         50.1         June 19, 1946         T. G.         Irr         Gased to 100 feet. Pump set at 190 feet.           115         50.1         June 19, 1946         T. G.         Irr         Drased to 100 feet. of 16-inch.           116         85.3         Mar. 4, 1946         T. G.         Irr         Gasing: 100 feet of 16-inch.           117         68.6         Mar. 4, 1946         T. G.         Irr         Gasing: 100 feet of 16-inch.           118         82.1         July 1, 1946         T. G.         Irr         Gasing: 100 feet of 16-inch.           118         82.1         July 1, 1946         T. G.         Irr  |            | 77.8              | July 1, 1946        | 95 1     |  | pumping 800 gallons a minute.    |
| 112       20.4       Aug. 30, 1946       T. G.       Irr       Tatimated yield 800 gallons a lots.         113       65.2       May 15, 1945       T. G.       Irr       Fump set at 130 feet.       Irrigated 80 gallons a minute.         114       72.2       Aug. 30, 1946       125       Instificiont water i 190 feet.       Irrigation reported.         115       50.1       June 19, 1946       T. G.       Irr       Cased to 100 feet.       Fump set at 190 feet.         116       85.3       Mar. 4, 1946       T. G.       Irr       Drawdown 31 feet on June 19, 1946 for intration reported.         117       68.6       Mar. 4, 1946       T. G.       Irr       Gasing: 100 feet of 16-inch.         90.3       Aug. 30, 1946       T. G.       Irr       Gasing: 100 feet of 16-inch.         90.3       Aug. 30, 1946       T. G.       Irr       Fugatom 31 feet on June 19, 1946.         125       June 19, 1946       T. G.       Irr       Fugatom 120 feet in 1946.         118       82.1       July 1, 1946       T. G.       Irr       Fugatom 141 foot on June 19, 1946.         120         None       N       Sole lead feet in 1946.       Irrigating 120 feet in 1946.         120   |            | 79.3              | Aug. 30, 1946       |          |  |                                  |
| 113         b6.2         Hay 15, 1945         T.6.         Irr         Fump set at 180 feet.         Irrigated<br>80 acros of what and row cross<br>in 1946. Reported yield 750<br>gallons a minute.           114         72-2         Aug. 30, 1946          N         Insufficient water         190 feet.           115         50.1         June 19, 1946         T.6.         Irr         Cased to 100 feet.         Fump set at<br>150 feet.         Statuste         190 feet.           115         50.1         June 19, 1946         T.6.         Irr         Cased to 100 feet.         Fump set at<br>150 feet.         Statuste           116         85.3         Mar. 4, 1946         T.6.         Irr         Drandown 31 feet on June 19,<br>1946, when pumping an estimates<br>500 gallons a minute.           117         68.6         Mar. 4, 1946         T.6.         Irr         Pump set at 130 feet.         Irrigating<br>90.3         Aug. 30, 1946         125           118         82.1         July 1, 1946         T.6.         Irr         Pump set at 150 feet.         In 1946.           120           None         N         Keisured         Ia deed in 1946.           120          -         None         N         Keisured         Ia deed in 1946.  | 112        | 50 <b>.</b> 4     | Aug. 30, 1946       | T.G,     | Irr                                    | Estimated yield 800 gallons a    |
| 113       56.2       May 15, 1945       T.G.       Irr       Furp set at 180 feet. Irrigated<br>80 acres of wheat and row crors<br>in 1946. Reported yield 750<br>gallons a minute.         114       72.2       Aug. 30, 1946        N       Insufficient water 190 feet.         115       50.1       June 19, 1946       T.G.       Irr       Cased to 100 feet. Pump set at<br>150 feet. Batinated yield 600<br>gallons a minute.         116       25.3       Mar. 4, 1946       T.G.       Irr       Cased to 100 feet. Pump set at<br>150 feet. Batinated yield 600<br>gallons a minute.         117       68.6       Mar. 4, 1946       T.G.       Irr       Cased to 100 feet of 16-inch.         116       25.3       Mar. 4, 1946       T.G.       Irr       Dradom 31 feet on June 19,<br>1946, when pumping an estimates<br>500 gallons a minute.         117       68.6       Mar. 4, 1946       T.G.       Irr       Pump set at 130 feet. Irrigating<br>90.3       Aug. 30, 1946         128       22.1       July 1, 1946       T.G.       Irr       Pump set at 150 feet.       Irrigatina feet on June 19,<br>1946, when pumping an estimated         119       77.2       July 1, 1946       T.G.       Irr       Pump set at 180 feet.       Irrigatina feet on 1946.         120         None       N       Ele 1800 feet.       B  |            |                   |                     | 125      |  | minute.                          |
| b8.4         Aug. 30, 1945         125         80 acres of wheat and row crows<br>in 1946. Reported yield 750<br>gallons a minute. "Ned beds" at<br>114           114         72.2         Aug. 30, 1946          N         Insufficient water i 190 feet.<br>for irrighton reported.           115         30.1         June 19, 1946         T.G.         Irr         Cased to 100 feet. Fump set at<br>150 feet. Estimated yield 600<br>gallons a minute.           116         85.3         Mar. 4, 1946         T.G.         Irr         Dreadown 31 feet on June 19,<br>1946, when pumping an estimated<br>500 gallons a minute.           117         68.6         Mar. 4, 1946         T.G.         Irr         Dreadown 31 feet on June 19,<br>1946, when pumping an estimated<br>500 gallons a minute.           118         32.1         July 1, 1946         T.G.         Irr         Dump set at 150 feet in 1946.           118         32.1         July 1, 1946         T.G.         Irr         Pump set at 150 feet in 1946.           118         32.1         July 1, 1946         T.G.         Irr         Pump set at 150 feet in 1946.           120           None         N         Nole 500 gallons a minute.           121         84.3         Aug. 30, 1946         T.G.         Irr         Pump set at 180 feet aftor<br>pumping 300 gallons a minute.   | 113        | 66.2              | May 15, 1945        | T,G,     | Irr                                    | Pump set at 180 feet. Irrigated  |
| In 1940.         Poported yield /90           ill         72.2         Aug. 30. 1946          N         Insufficient water i 190 fest.           115         50.1         June 19, 1946         T.G.         Irr         Cased to 100 fest.         Finme set at 190 fest.           115         60.1         June 19, 1946         T.G.         Irr         Cased to 100 fest.         Finme set at 190 fest.           116         25.3         Mar. 4, 1946         T.G.         Irr         Drandown 31 feet on June 19, 1946, when pumping an estimated 500 gallons a minute.           117         68.6         Mar. 4, 1946         T.G.         Irr         Drandown 31 feet on June 19, 1946, when pumping an estimated 500 gallons a minute.           117         68.6         Mar. 4, 1946         T.G.         Irr         Drandown 31 feet on June 19, 1946, 125           118         82.1         July 1, 1946         T.G.         Irr         Pump set at 130 feet in 1946, 125           119         77.2         July 1, 1946         T.G.         Irr         Pump set at 180 feet on June 19, 1946, 125           119         77.2         July 1, 1946         T.G.         Irr         Pump set at 180 feet on 1946, 126           120           None         N         Kole if   |            | 68.4              | Aug. 30, 1946       | 125      |  | 80 acres of wheat and row crops  |
| 114         72.2         Aug. 30. 1946          N         Insufficient water is 190 feet.         190 feet.           115         50.1         June 19, 1946         T.G.         Irr         Cased to 100 feet. Fistinated yield 600 gellons a minute.           116         22.0         Aug. 30. 1946         95         Irr         Descent a triated yield 600 gellons a minute.           116         25.3         Mar. 4, 1946         T.G.         Irr         Drawdown 31 feet on June 19, 1946           117         68.6         Mar. 4, 1946         T.G.         Irr         Drawdown 31 feet on June 19, 1946           117         68.6         Mar. 4, 1946         T.G.         Irr         Casing: 100 feet of 16-inch.           118         22.1         July 1, 1946         T.G.         Irr         Pump set at 130 feet.         Irrigating 103 feet           118         32.1         July 1, 1946         T.G.         Irr         Measured 1 and feed in 1946.           119         77.2         July 1, 1946         T.G.         Irr         Measured 1 and feed in 1946.           120           None         N         Iso of the 2 200 feet.         Iso peried 1 10 1946.           120           None   |            |                   |                     |          |  | in 1946. Reported yield 750      |
| 114       .2.2       Aug. 30, 1946        N       Insufficient water (190 feet.)         115       60.1       June 19, 1946       7.6.       Irr       Cased to 100 feet. Fump set at 190 feet.         116       22.0       Aug. 30, 1946       95       Ifr (rightion reported.)         116       25.3       Mar. 4, 1946       7.6.       Irr       Drawdown 31 feet on June 19, 1946, 400         117       68.6       Mar. 4, 1946       7.6.       Irr       Drawdown 31 feet on June 19, 1946, 400         117       68.6       Mar. 4, 1946       7.6.       Irr       Drawdown 31 feet on June 19, 1946, 400         90.3       Aug. 30, 1946       125       Pump set at 130 feet 1 Irrigating 90, 400 set on June 19, 1946, 400       157 acres of wheat and sorphum 1946, 400 set on June 19, 1946, 400       125       Irrigating 200 acres of wheat and sorphum 1946, 400 set on June 19, 1946, 400 set on June 180 set on June 19, 1946, 400 set on June 180 set on June 19, 1946, 400 set on June 180 set on June 19, 1946, 400 set on June 180 set on June 19, 1946, 400 set on June 180 se  |            | 70.0              | 70 101/             |          |  | gallons a minute. "Hed beds" at  |
| 115         50.1         June 19, 1946         T.G.         Irr         Cased to 100 feet. Fump set at 190 feet.           116         25.3         Mar. 4, 1946         7.G.         Irr         Cased to 100 feet. Fump set at 19, 1946, when purpoing an estimated yield 600 gallons a minute.           116         25.3         Mar. 4, 1946         T.G.         Irr         Drawdown 31 feet on June 19, 1946, when purpoing an estimated 50 gallons a minute.           117         68.6         Mar. 4, 1946         T.G.         Irr         Casing: 100 feet of 16-inch.           90.3         Aug. 30, 1946         125         Furp set at 150 feet of 16-inch.         Furp set at 150 feet in 1946.           118         32.1         July 1, 1946         T.G.         Irr         Pump set at 150 feet in 1946.           119         77.2         July 1, 1946         T.G.         Irr         Meaxdorm, 44,1 foet on June 19, 1946.           120           None         N         Hole to 200 cares of wheat for over 300 feet. Reported to over 300 feet. Reported to over 300 feet. Reported to vield of 250 gallons a minute.           120           None         N         Hole to 200 feet. deorened to over 300 feet. Reported to over 300 feet. Reported to over 300 feet. Reported to set over 300 feet.         Horegation.           121         84.3   | 114        | ,2.2              | Aug. 30, 1946       |          | N                                      | Insufficient water 190 feet.     |
| 119       30.1       June 19, 1946       95       150 feet. Estimated yield 600 gallons a minute.         116       85.3       Mar. 4, 1946       T.G. Irr Drawdown 31 feet on June 19, 1946, when pumping an estimated 500 gallons a minute.         117       68.6       Mar. 4, 1946       T.G. Irr Casing: 100 feet. Irrigating an estimated 500 gallons a minute.         117       68.6       Mar. 4, 1946       T.G. Irr Casing: 100 feet of 16-inch.         90.3       Aug. 30, 1946       125       Pump set at 150 feet in 1946.         118       52.1       July 1, 1946       T.G. Irr Pump set at 150 feet in 1946.         119       77.2       July 1, 1946       T.G. Irr Measured in 1946.         120         None       N         121       84.3       Aug. 30, 1946       T.G. Irr Pump set at 180 irrigating 100 rest. Reported yield of 250 gallons a minute.         121       84.3       Aug. 30, 1946       T.G. Irr Pump set at 180 irrigation. feet. Drawdown 29 foot after pumping 800 gallons a minute.         122       76.0       June 19, 1946       T.G. Irr Pump set at 180 irrigation. feet. Juny 30, 1946         122       76.0       June 19, 1946       T.G. Irr Pump set at 180 irrigation. feet. Juny 30, 9 feet. when pumping an estimated 200 gallons a minute.         122       75.5       Aug. 30, 1946       T.G. Ir  |            | <u> </u>          | True 10 1010        |          |  | for irrigation reported,         |
| 92.0         Aug. 30, 1946         93         130 feet. Stimute.           116         \$5.3         Mar. 4, 1946         T.G. Irr         Drawdown 31 feet on June 19, 1946, when pumping an estimated 500 gallons a minute.           117         68.6         Mar. 4, 1946         T.G. Irr         Casing: 100 feet of 16-inch.           117         68.6         Mar. 4, 1946         T.G. Irr         Casing: 100 feet of 16-inch.           90.3         Aug. 30, 1946         125         Pump set at 130 feet in 1946.         Irrigating 200 acres of wheat and sorptum           118         \$2.1         July 1, 1946         T.G. Irr         Pump set at 150 feet in 1946.           119         77.2         July 1, 1946         T.G. Irr         Maxeured ind feed in 1946.           120          None         N         Hole i800 gallons a minute, drilled to 200 feet, deepened to over 300 feet. Reported yield of 250 gallons a minute, drilled to 250 gallons a minute, 19, 1946           120          None         N         Hole i800 gallons a minute, 19, 1946           121         84.3         Aug. 30, 1946         T.G. Irr         Pump set at 180         irrigation.           122         75.0         June 19, 1946         T.G. Irr         Irrigating 100 if or 12 hours.           122         75.0         J   | 110        |                   | June 19, 1946       | T,G,     | Irr                                    | Lased to 100 reet. Fump set at   |
| 116         85.3         Mar. 4, 1946         T.G.         Irr         Dirations of feet on June 19, 1946, 95           117         68.6         Mar. 4, 1946         T.G.         Irr         Dirations a minute, 500 gallons a minute, 50 |            | 92.0              | Aug. 30, 1940       | 20       |  | rollong a minuto                 |
| 117       63.5       Mat. 4, 1946       11.7       11       11.7   | 116        | <u> 25 7</u>      | Man 11 1016         |          | Trop                                   | Drawdown 71 feet on June 10      |
| 117         68.6         Mar.         4, 1946         T.G.         Irr         Casing:         100 feet of 16-inch.           90.3         Aug. 30, 1946         125         Fump set at 130 feet.         Irrigating           118         52.1         July 1, 1946         T.G.         Irr         Pump set at 150 feet         Inrigating           118         52.1         July 1, 1946         T.G.         Irr         Pump set at 150 feet         in 1946.           119         77.2         July 1, 1946         T.G.         Irr         Pump set at 150 feet         in 1946.           120          July 1, 1946         T.G.         Irr         Measured 1 and feed in 1946.           120           Mone         N         Hole         150 feet.         Reported           120           Mone         N         Hole         1800 gallons a minute.           121         84.3         Aug. 30, 1946         T.G.         Irr         Pump set at 180         irrigating 100         for 12 hours.           122         75.0         June 19, 1946         T.G.         Irr         Pump set at 180         irrigating 100         for 12 hours.           123         81.8 </td <td><b>TTO</b></td> <td>ر•ري</td> <td></td> <td></td> <td><b>.</b></td> <td>1946 when numning an estimated</td>  | <b>TTO</b> | ر•ري              |                     |          | <b>.</b>                               | 1946 when numning an estimated   |
| 117       68.6       Mar. 4, 1946       T.G.       Irr       Casing: 100 feet of 16-inch.         90.3       Aug. 30, 1946       125       Fump set at 130 feet. Irrigating 157 acres of wheat and sorghum 18         118       32.1       July 1, 1946       T.G.       Irr       Measured 1 and feed in 1946.         119       77.2       July 1, 1946       T.G.       Irr       Measured 1 and feed in 1946.         120         None       N       Hole whon pumping an estimated vield of 250 gallons a minute.         120         None       N       Hole vield of 250 gallons a minute.         121       84.3       Aug. 30, 1946       T.G.       Irr       Irrigating 100 [for 12 hours.         122         None       N       Hole vield of 250 gallons a minute.         122       76.0       June 19, 1946       T.G.       Irr       Irrigation for pumping an estimated yield of 250 gallons a minute.         122       76.0       June 19, 1946       T.G.       Irr       Irrigation for 2 hours. acros of feed in 1946. Drawdown 38.9 feet. whon pumping an estimated yield, 800 gallons a minute.         123       81.8       Juno 19, 1946       T.G.       Irr       Roported made sod gallons a minute.         124   |            |                   |                     |          |  | 500 gallors a minute.            |
| 36.5         June 19, 1946         125         Fump set at 130 feet. Irrigating<br>157 acres of wheat and sorghum           118         32.1         July 1, 1946         T.C.         Irr         Fump set at 150 feet         in 1946.           119         77.2         July 1, 1946         T.C.         Irr         Pump set at 150 feet         in 1946.           119         77.2         July 1, 1946         T.C.         Irr         Measured         and feed in 1946.           120          Aug. 30, 1946         125         Irr         Measured         and feed in 1946.           120           None         N         Hole         i800 rallons a minute.           120           None         N         Hole         i800 rallons a minute.           121         84.3         Aug. 30, 1946         T.C.         Irr         Pump set at 180         irrigation.           122         75.0         June 19, 1946         T.C.         Irr         Pump set at 180         irrigation.           122         75.0         June 19, 1946         T.C.         Irr         Irrigating 100         for 12 hours.           122         75.0         June 19, 1946         T.C.         Irr<   | 117        | 68.6              | Mar. 4. 1946        | T.G.     | Irr                                    | Casing: 100 feet of 16-inch.     |
| 90.3         Aug. 30, 1946         157 acres of wheat and sorghum           118         32.1         July 1, 1946         J.G.         Irr         Fump set at 150 feet in 1946.           119         77.2         July 1, 1946         J.G.         Irr         Fump set at 150 feet in 1946.           119         77.2         July 1, 1946         J.G.         Irr         Measured [ and feed in 1946.           80.0         Aug. 30, 1946         125         Irrigating 200 acres of wheat         Irrigating 200 acres of wheat           120           None         N         Hist, when pumping an estimated           121         84.3         Aug. 30, 1946         T.G.         Irr         Pump set at 180         irrigation.           122         76.0         June 19, 1946         T.G.         Irr         Pumping 800 callons a minute.           122         76.0         June 19, 1946         T.G.         Irr  |            | 86.5              | June 19, $19^{146}$ | 125      |  | Pump set at 130 feet. Irrigating |
| 118       52.1       July 1, 1946       T.C.       Irr Pump set at 150 feet in 1946.         119       77.2       July 1, 1946       T.G.       Irr Measured and feed in 1946.         120       Aug. 30, 1946       125       Irr Measured and feed in 1946.         120         None       None       Nole isopation         120         None       None       Nole isopation         121       84.3       Aug. 30, 1946       T.G.       Irr Pump set at 180       irrigation.         121       84.3       Aug. 30, 1946       T.G.       Irr Pump set at 180       irrigation.         122       75.0       June 19, 1946       T.G.       Irr Pump set at 180       irrigation.         122       75.0       June 19, 1946       T.G.       Irr Pump set at 180       irrigation.         123       81.8       June 19, 1946       T.G.       Irr Reported med beds" at 190 feet.       pumping an estimated 800 gallons a minute.         123       81.8       June 19, 1946       T.G.       Irr Reported Red Beds" at 190 feet.       get at 190 feet.         124       52.7       Aug. 31, 1946       T.G.       Irr Pump set at 130 feet. Estimated 90 get 90 ge  |            | 90.3              | Aug. 30, 1946       |          |  | 157 acres of wheat and sorghum   |
| 11977.2July 1, 1946T.G.IrrMeasured [ and feed in 1946.<br>drawdown, 44.1 feet on June 19.<br>1946. drawdown, 44.1 feet on June 19.<br>1946. drawdown, 44.1 feet on June 19.<br>1946. when pumping an estimated<br>drilled to 200 feet, deepend<br>to over 300 feet. Reported<br>yield of 250 gallons a minute.<br>considered insufficient for12184.3Aug. 30, 1946T.G.IrrPump set at 180<br>gallons a minute.<br>to right of 250 gallons a minute.<br>pumping 800 gallons a minute<br>acros of feed in 1946. Drawdown<br>38.9 feet. when pumping an<br>estimated 800 gallons a minute.12276.0June 19, 1946T.G.IrrPump set at 180<br>gallons a minuteirrigation.<br>feet. Drawdown 29 feet after<br>pumping 800 gallons a minute.12276.0June 19, 1946T.G.IrrReported in 1946. Drawdown<br>38.9 feet. when pumping an<br>estimated 800 gallons a minute.12381.8June 19, 1946T.G.IrrPump set at 130 feet. Estimated<br>yield, 800 gallons a minute.12482.7Aug. 31, 1946T.G.IrrPump set at 130 feet. Estimated<br>yield, 800 gallons a minute.125d/80T.G.IrrPump set at 120 feet. Reported<br>yield, 800 gallons a minute.125d/80T.G.IrrPump set at 120 feet. Reported<br>yield, 800 gallons a minute.12483.1Aug. 31, 1946T.G.IrrPump set at 120 feet. Reported<br>yield, 800 gallons a minute.125d/80T.G.IrrPump set at 120 feet. Reported<br>yield, 800 gallons a minute.12683.1Aug. 31, 1946 <td>118</td> <td>82.1</td> <td>July 1, 1946</td> <td>T.G.</td> <td>Irr</td> <td>Pump set at 150 feet   in 1946.</td>   | 118        | 82.1              | July 1, 1946        | T.G.     | Irr                                    | Pump set at 150 feet   in 1946.  |
| 119       77.2       July 1, 1946       T.C.       Irr       Measured and feed in 1946.         120         None       N       Hole isoo gallons a minute, drilled to 200 feet, deepened to over 300 feet. Reported yield of 250 gallons a minute, considered insufficient for         121       84.3       Aug. 30, 1946       T.C.       Irr       Pump set at 180       irrigation.         122       75.0       June 19, 1946       T.C.       Irr       Pump set at 180       irrigation.         122       75.5       Aug. 30, 1946       T.C.       Irr       Pump set at 180       irrigation.         122       75.0       June 19, 1946       T.C.       Irr       Pump set at 180       irrigation.         123       81.8       June 19, 1946       T.C.       Irr       Reported in 1946. Drawdown 29 feet after pumping an estimated 800 gallons a minute.         123       81.8       June 19, 1946       T.C.       Irr       Reported in 1946. Drawdown 38.9 feet. when pumping an estimated 800 gallons a minute.         124       82.7       Aug. 31, 1946       T.C.       Irr       Pump set at 130 feet. Estimated 90         125       d/80        T.C.       Irr       Pump set at 120 feet. Estimated 90       gield. 800 gallons a minute.         126 </td <td></td> <td></td> <td></td> <td>95</td> <td></td> <td>Irrigating 200 acres of wheat</td>  |            |                   |                     | 95       |  | Irrigating 200 acres of wheat    |
| 80.0Aug. 30, 1946125drawdown, 44.1 foet on June 19,<br>1946, when pumping an estimated120NoneNHole1800 gallons a minute,<br>drilled to 200 feet, deepened<br>to over 300 feet. Reported<br>yield of 250 gallons a minute,<br>considered insufficient for12184.3Aug. 30, 1946T.G.IrrPump set at 180tirrigation.<br>feet. Drawdown 29 foet after<br>pumping 800 gallons a minute12275.0June 19, 1946T.G.IrrIrrigating 100for 12 hours.<br>acres of feed in 1946.12381.8June 19, 1946T.C.IrrReported #Red beds" at 190 feet.<br>yield, 800 gallons a minute.12381.8June 19, 1946T.C.IrrReported #Red beds" at 190 feet.<br>yield, 800 gallons a minute.12482.7Aug. 31, 1946T.C.IrrReported #Red beds" at 190 feet.<br>yield, 800 gallons a minute.125d/80T.C.IrrIrrigated 275 acres of wheat<br>and grain sorghum in 1946.<br>Reported yield, 800 gallons a minute.12688.1Aug. 31, 1946T.C.IrrIrrigated 275 acres of wheat<br>and grain sorghum in 1946.<br>Reported yield, 800 gallons a minute.12688.1Aug. 31, 1945T.C.IrrPump set at 120 feet.<br>yield, 800 gallons a minute.12785.9do.NoneNReported yield, 700 gallons a<br>rimute.12785.9do.NoneNReported yield, 700 gallons a<br>rimute.  | 119        | 77.2              | July 1, 1946        | Τ, G,    | Irr                                    | Measured and feed in 1946.       |
| 120NoneNHole1846. when pumping an estimated120NoneNHole1800 feallons a minute,<br>drilled to 200 feet. Reported<br>yield of 250 gallons a minute,<br>considered insufficient for12184.3Aug. 30, 1946T.G.IrrPump set at 180irrigation.<br>feet. Drawdown 29 foot after<br>pumping 800 gallons a minute12276.0June 19, 1946T.G.IrrIrrigating 100for 12 hours.<br>acros of feed in 1946. Drawdown<br>38.9 feet. when pumping an<br>estimated 800 gallons a minute.12381.8June 19, 1946T.G.IrrReported #Rcd beds" at 190 feet.<br>yield, 800 gallons a minute.12381.8June 19, 1946T.G.IrrReported #Rcd beds" at 190 feet.<br>yield, 800 gallons a minute.12482.7Aug. 31, 1946T.G.IrrIrrigated 275 acros of whoat<br>and grain sorghum in 1946.<br>Reported yield, 800 gallons a minute.125d/80T.G.IrrIrrigated 275 acros of whoat<br>and grain sorghum in 1946.<br>Reported yield, 800 gallons a minute.12688.1Aug. 31, 1946T.G.IrrPump set at 120 foot. Reported<br>yield, 800 gallons a minute.12688.1Aug. 31, 1946T.G.IrrPump set at 120 foot. Reported<br>yield, 800 gallons a minute.12785.9do.NoneNReported yield, 700 gallons a<br>minute.   | i          | 80.0              | Aug. 30, 1946       | 125      |  | drawdown, 44.1 feet on June 19,  |
| 120        None       N       Hole       i800 gallons a minute,<br>drilled to 200 feet, deepend<br>to over 300 feet. Reported<br>yield of 250 gallons a minute,<br>considered insufficient for         121       84.3       Aug. 30, 1946       T.G.       Irr       Pump set at 180       irrigation.<br>feet. Drawdown 29 feet after<br>pumping 800 gallons a minute         122       75.0       June 19, 1946       T.G.       Irr       Irrigating 100       for 12 hours.<br>acros of feed in 1946. Drawdown<br>38.9 feet. when pumping an<br>estimated 800 gallons a minute.         123       81.8       June 19, 1946       T.G.       Irr       Reported"Red beds" at 190 feet.         124       82.7       Aug. 31, 1946       T.G.       Irr       Fump set at 130 feet. Estimated<br>yield, 800 gallons a minute.         125       d/80        T.G.       Irr       Fung set at 120 feet.<br>Reported yield, 800 gallons a minute.         125       d/80        T.G.       Irr       Irrigated 275 acros of wheat<br>and grain sorghum in 1946.<br>Reported yield, 800 gallons a minute.         126       88.1       Aug. 31, 1946       T.G.       Irr       Pump set at 120 feet. Reported<br>yield, 800 gallons a minute.         126       88.1       Aug. 31, 1946       T.G.       Irr       Pump set at 120 feet. Reported<br>yield, 800 gallons a minute.         126       88.1       A   |            |                   |                     |          |  | 1946, when pumping an estimated  |
| 12184.3Aug. 30, 1946T. G.IrrPump set at 180irrigation.<br>irrigation.<br>feet. Drawdown 29 feet after<br>pumping 800 gallons a minute12276.0June 19, 1946T. G.IrrIrrigating 100for 12 hours.<br>acros of feed in 1946. Drawdown<br>38.9 feet. when pumping an<br>estimated 800 gallons a minute.12381.8June 19, 1946T. G.IrrReported"Rcd beds" at 190 feet.<br>yield, 800 gallons a minute.12381.8June 19, 1946T. G.IrrReported"Rcd beds" at 190 feet.<br>yield, 800 gallons a minute.12482.7Aug. 31, 1946T. G.IrrPump set at 130 feet. Estimated<br>yield, 800 gallons a minute.125d/80T. G.IrrPump set at 120 feet.<br>yield, 800 gallons a minute.125d/80T. G.IrrPump set at 120 feet.12688.1Aug. 31, 1946T. G.IrrPump set at 120 feet.<br>Reported yield, 800 gallons a<br>minute.12685.1Aug. 31, 1946T. G.IrrPump set at 120 feet.<br>Reported yield, 800 gallons a<br>minute.12785.9do.NoneNReported yield, 700 gallons a<br>minute.  | 120        |                   |                     | None     | N                                      | Hole 1800 gallons a minute.      |
| 12184.3Aug. 30, 1946T.G.IrrFump set at 180Irrigation.<br>feet.12184.3Aug. 30, 1946T.G.IrrPump set at 180Irrigation.<br>feet.12275.0June 19, 1946T.G.IrrIrrigating 100for 12 hours.<br>acros of feed in 1946.12275.5Aug. 30, 1946165acros of feed in 1946.Drawdown 2912381.8June 19, 1946T.G.IrrIrrigating 100for 12 hours.<br>acros of feed in 1946.12381.8June 19, 1946T.G.IrrReported #Red beds" at 190 feet.<br>yield, 800 gallons a minute.12482.7Aug. 31, 1946T.G.IrrPump set at 130 feet.125d/80T.G.IrrIrrigated 275 acros of wheet<br>and grain sorghum in 1946.<br>Reported yield, 800 gallons a minute.12688.1Aug. 31, 1946T.G.IrrPump set at 120 feet. Reported<br>yield, 800 gallons a minute.12688.1Aug. 31, 1946T.G.IrrPump set at 120 feet. Reported<br>yield, 800 gallons a minute.12785.9do.NoneNReported yield, 700 gallons a<br>minute.   |            |                   |                     |          |  | drilled to 200 feet, deepened    |
| 12184.3Aug. 30, 1946T.G.IrrPump set at 180irrigation.<br>irrigation.<br>feet. Drawdown 29 feet after<br>pumping 800 gallons a minute12276.0June 19, 1946T.G.IrrPump set at 180i irrigation.<br>feet. Drawdown 29 feet after<br>pumping 800 gallons a minute12275.5Aug. 30, 1946T.G.IrrIrrigating 100for 12 hours.<br>acros of feed in 1946. Drawdown<br>38.9 feet. when pumping an<br>estimated 800 gallons a minute.12381.8June 19, 1946T.G.IrrReported "Red beds" at 190 feet.<br>yield, 800 gallons a minute.12482.7Aug. 31, 1946T.G.IrrPump set at 130 foot. Estimated<br>and grain sorghum in 1946.<br>Reported yield, 800 gallons a<br>minute.125d/80T.G.IrrIrrigated 275 acros of wheat<br>and grain sorghum in 1946.<br>Reported yield, 800 gallons a<br>minute.12688.1Aug. 31, 1946T.G.IrrPump set at 120 feet.<br>yield, 800 gallons a<br>minute.12688.1Aug. 31, 1946T.G.IrrPump set at 120 feet.<br>yield, 800 gallons a<br>minute.12785.9do.NoneNReported yield, 700 gallons a<br>rimite.   |            |                   |                     |          |  | to over 300 feet. Reported       |
| 121       84.3       Aug. 30, 1946       T.G.       Irr       Pump set at 180       irrigation.         122       75.0       June 19, 1946       T.G.       Irr       Pumping 800 callons a minute         122       75.5       Aug. 30, 1946       IG5       acros of feed in 1946.       Drawdown 29 feet after pumping 800 callons a minute         123       81.8       June 19, 1946       T.G.       Irr       Irrigating 100       for 12 hours.         123       81.8       June 19, 1946       T.G.       Irr       Reported "Red beds" at 190 feet.         124       82.7       Aug. 31, 1946       T.G.       Irr       Pump set at 130 feet.       stimated         125       d/80        T.G.       Irr       Pump set at 130 feet.       stimated         125       d/80        T.G.       Irr       Pump set at 130 feet.       stimated         125       d/80        T.G.       Irr       Irrigated 275 acros of wheet       stimated         126       88.1       Aug. 31, 1946       T.G.       Irr       Pump set at 120 feet.       Reported yield, 800 gallons a minute.         126       88.1       Aug. 31, 1946       T.G.       Irr       Pump set at 120 feet.       reported<  |            |                   |                     |          |  | yield of 250 gallons a minute,   |
| 121       04.5       Aug. 50, 1940       1,6, 117       Follop set at 100       1171gation.         122       75.0       June 19, 1946       T.C.       Irr irrigating 100       for 12 hours.         122       75.5       Aug. 30, 1946       165       acros of feed in 1946. Drawdown         123       81.8       June 19, 1946       T.C.       Irr Reported. Rcd beds" at 190 feet.         123       81.8       June 19, 1946       T.C.       Irr Reported. Rcd beds" at 190 feet.         124       82.7       Aug. 31, 1946       T.C.       Irr Pump set at 130 feet. Estimated         125       d/80        T.C.       Irr Pump set at 120 feet.         125       d/80        T.C.       Irr Pump set at 120 feet.         125       d/80        T.C.       Irr Will set at 120 feet.         126       88.1       Aug. 31, 1946       T.C.       Irr Pump set at 120 feet. Reported         126       88.1       Aug. 31, 1946       T.G.       Irr Pump set at 120 feet. Reported         126       88.1       Aug. 31, 1946       T.G.       Irr Pump set at 120 feet. Reported         126       88.1       Aug. 31, 1946       T.G.       Irr Pump set at 120 feet. Reported         95 <td>101</td> <td><u></u></td> <td>Arr 70 3016</td> <td></td> <td>Tara</td> <td>Considered insufficient for</td>   | 101        | <u></u>           | Arr 70 3016         |          | Tara                                   | Considered insufficient for      |
| 12276.0June 19, 1946T.C.IrrIrrigating 100for 12 hours.<br>acros of feed in 1946. Drawdown<br>38.9 feet. when pumping an<br>estimated 800 gallons a minute.12381.8June 19, 1946T.C.IrrReported "Red beds" at 190 feet.<br>yield, 800 gallons a minute.12482.7Aug. 31, 1946T.C.IrrPump set at 130 feet. Estimated<br>yield, 800 gallons a minute.125d/80T.C.IrrPump set at 130 feet. Estimated<br>yield, 800 gallons a minute.125d/80T.C.IrrPump set at 120 feet. Reported<br>yield, 800 gallons a minute.12688.1Aug. 31, 1946T.C.IrrPump set at 120 feet. Reported<br>yield, 800 gallons a minute.12688.1Aug. 31, 1946T.C.IrrPump set at 120 feet. Reported<br>yield, 800 gallons a minute.12785.9do.NoneNReported yield, 700 gallons a<br>rimute.   | +2+        | 04.)              | Aug. 30, 1940       | 1,G,     | 71.1                                   | foet Drawdown 20 feet ofter      |
| 12276.0June 19, 1946T.C.IrrIrrigating 100for 12 hours.75.5Aug. 30, 1946165acros of feed in 1946. Drawdown12381.8June 19, 1946T.C.IrrReported acros of feed in 1946. Drawdown12381.8June 19, 1946T.C.IrrReported acros of feed in 1946. Drawdown12482.7Aug. 31, 1946T.C.IrrReported acros of feeds" at 190 feet.12482.7Aug. 31, 1946T.C.IrrPump set at 130 foot. Estimated125d/80T.C.IrrPump set at 130 foot. Estimated125d/80T.C.IrrIrrigated 275 acros of whoat12688.1Aug. 31, 1946T.C.IrrPump set at 120 feet.12688.1Aug. 31, 1946T.G.IrrPump set at 120 feet.12785.9do.NoneNReported yield, 700 gallons a12785.9do.NoneNReported yield, 700 gallons a  | 1          |                   |                     |          |  | numning 800 cellong a minute     |
| 75.5Aug. 30, 1946165acros of feed in 1946.Drawdown<br>38.9 feet. when pumping an<br>estimated 800 gallons a minute.12381.8June 19, 1946T.G.IrrReported "Rcd beds" at 190 feet.<br>yield, 800 gallons a minute.12482.7Aug. 31, 1946T.G.IrrPump set at 130 feet.<br>yield, 800 gallons a minute.125d/80T.G.IrrPump set at 130 feet.<br>yield, 800 gallons a minute.125d/80T.G.IrrIrrigated 275 acros of wheat<br>and grain sorghum in 1946.<br>Reported yield, 800 gallons a<br>minute.12688.1Aug. 31, 1946T.G.IrrPump set at 120 feet.<br>g512688.1Aug. 31, 1946T.G.IrrPump set at 120 feet.<br>g512688.1Aug. 31, 1946T.G.IrrPump set at 120 feet.12785.9do.NoneNReported yield, 700 gallons a<br>minute.  | 122        | 76.0              | June 19, 1946       | T.G.     | Trr                                    | Irrigating 100   for 12 hours.   |
| 12381.8June 19, 1946T.G.IrrReported Rcd beds" at 190 feet.<br>yield, 800 gallons a minute.12482.7Aug. 31, 1946T.G.IrrPump set at 130 feet. Estimated<br>yield, 800 gallons a minute.125d/80T.G.IrrIrrigated 275 acros of wheat<br>and grain sorghum in 1946.<br>Reported yield, 800 gallons a<br>minute.12688.1Aug. 31, 1946T.G.IrrPump set at 120 feet. Reported<br>yield, 800 gallons a<br>minute.12688.1Aug. 31, 1946T.G.IrrPump set at 120 feet. Reported<br>yield, 800 gallons a minute.12785.9do.NoneNReported yield, 700 gallons a<br>minute.12785.9do.NoneNReported yield, 700 gallons a<br>minute.   |            | 75.5              | Aug. 30, 1946       | 165      |  | acros of feed in 1946. Drawdown  |
| 12381.8June 19, 1946T.C.IrrReported "Red beds" at 190 feet.<br>yield, 800 gallons a minute.12482.7Aug. 31, 1946T.C.IrrPump set at 130 feet.<br>yield, 800 gallons a minute.125d/80T.C.IrrPump set at 130 feet.125d/80T.C.IrrIrrigated 275 acros of wheat<br>and grain sorghum in 1946.<br>Reported yield, 800 gallons a<br>minute.12688.1Aug. 31, 1946T.C.IrrPump set at 120 feet.12688.1Aug. 31, 1946T.C.IrrPump set at 120 feet.12785.9do.NoneNReported yield, 700 gallons a<br>minute.   |            | 1.5-5             | 3• ) : =).0         |          |  | 38.9 feet. when pumping an       |
| 12381.8June 19, 1946T.G.IrrReported"Rcd beds" at 190 feet.<br>yield, 800 gallons a minute.12482.7Aug. 31, 1946T.G.IrrPump set at 130 feet. Estimated<br>yield, 800 gallons a minute.125d/80T.G.IrrPump set at 130 feet. Estimated<br>yield, 800 gallons a minute.125d/80T.G.IrrIrrigated 275 acres of wheat<br>and grain sorghum in 1946.<br>Reported yield, 800 gallons a<br>minute.12688.1Aug. 31, 1946T.G.IrrPump set at 120 feet. Reported<br>yield, 800 gallons a minute.12785.9do.NoneNReported yield, 700 gallons a<br>minute.   |            |                   |                     |          |  | estimated 800 gallons a minute.  |
| 95yield, 800 gallons a minute.12482.7Aug. 31, 1946T.C.IrrPump set at 130 feet. Estimated9090yield, 800 gallons a minute.125d/80T.C.IrrIrrigated 275 acros of wheat125and grain sorghum in 1946.12688.1Aug. 31, 1946T.C.IrrPump set at 120 feet. Reported12688.1Aug. 31, 1946T.G.IrrPump set at 120 feet. Reported12785.9do.NoneNReported yield, 700 gallons a12785.9do.NoneNReported yield, 700 gallons a   | 123        | 81.8              | June 19, 1946       | T.G.     | Irr                                    | Reported"Rcd beds" at 190 feet.  |
| 124       82.7       Aug. 31, 1946       T.G.       Irr       Pump set at 130 feet. Estimated<br>yield. 800 gallons a minute.         125       d/80        T.G.       Irr       Irrigated 275 acres of wheat<br>and grain sorghum in 1946.<br>Reported yield. 800 gallons a<br>minute.         126       88.1       Aug. 31, 1946       T.G.       Irr       Pump set at 120 feet.         126       88.1       Aug. 31, 1946       T.G.       Irr       Pump set at 120 feet.         126       88.1       Aug. 31, 1946       T.G.       Irr       Pump set at 120 feet.         127       85.9       do.       None       N       Reported yield, 700 gallons a<br>minute.       "Ped beds" at 220 feet.  |            |                   |                     | 95       |  | yield, 800 gallons a minute.     |
| 90       yield, 300 gallons a minute.         125       d/80        T.G. Irr Irrigated 275 acros of wheat and grain sorghum in 1946. Reported yield, 800 gallons a minute. "Red bods at 220 fect.         126       88.1       Aug. 31, 1946       T.G. Irr Pump set at 120 fect. Reported yield, 800 gallons a minute.         127       85.9       do.       None       N         127       85.9       do.       None       N   | 124        | 82.7              | Aug. 31, 1946       | T.G.     | Irr                                    | Pump set at 130 feet. Estimated  |
| 125       d/80        T,G, Irr Irrigated 275 acros of wheat and grain sorghum in 1946.<br>Reported yield, 800 gallons a minute. "Red bods at 220 fect.         126       88.1       Aug. 31, 1946       T,G, Irr Pump set at 120 feet. Reported yield, 800 gallons a minute.         126       88.1       Aug. 31, 1946       T,G, Irr Pump set at 120 feet. Reported yield, 800 gallons a minute.         127       85.9       do.       None       N Reported yield, 700 gallons a minute.  |            |                   |                     | 90       |  | yield, 800 gallons a minute.     |
| 125and grain sorghum in 1946.<br>Reported yield, 800 gallons a<br>minute. "Red bods at 220 feet.12688.1Aug. 31, 1946T,G,IrrPump set at 120 feet. Reported<br>yield, 800 gallons a minute.12785.9do.NoneNReported yield, 700 gallons a<br>minute. "Red bods" at 200 feet.  | 125        | <u>a</u> /80      |                     | T,G,     | Irr                                    | Irrigated 275 acros of wheat     |
| Reported yield, 800 gallons a<br>minute.Reported yield, 800 gallons a<br>minute.12688.1Aug. 31, 1946T.G.Irr9595yield, 800 gallons a minute.12785.9do.NoneN12785.9do.NoneNReported yield, 700 gallons a<br>minute."Red beds" at 200 feet.  |            |                   |                     | 125      |  | and grain sorghum in 1946.       |
| 126       88.1       Aug. 31, 1946       T.G.       Irr       Pump set at 120 feet.       Reported         95       yield. 800 gallons a minute.         "Red beds" at 220 feet.         127       85.9       do.       None       N       Reported yield. 700 gallons a         minute       "Point beds" at 200 feet.   |            | 1                 |                     |          |  | Reported yield, 800 gallons a    |
| 120       08.1       Aug. 31, 1946       T,G, 1rr       Pump set at 120 feet. Reported         95       95       yield, 800 gallons a minute.         "Red beds" at 220 feet.         127       85.9       do.         None       N         Reported yield, 700 gallons a         minute       "Red beds" at 200 feet.  |            | ad                |                     |          |  | minute. "Red bods at 220 fect.   |
| 127     85.9     do.     None     N     Reported yield, 700 gallons a       Image: None     N     Reported yield, 700 gallons a   | т5р        | 88.1 I            | Aug. 31, 1946       | T,G,     | ⊥rr                                    | Pump set at 120 feet. Reported   |
| 127 85.9 do. None N Reported yield, 700 gallons a minute "Ped bode" at 200 feet.  |            | 1                 |                     | 95       |  | yield, SUU gallons a minute.     |
| +c, operted yield, for gallons a minute "Pod bode" at 200 foot  | 107        |                   |                     | · Nono   |  | "ned beds" at 220 reet.          |
|   | + - 1      | 0 <b>0</b> •9•3 : | au •                | NOILE    | тх<br>1                                | minute "Red hode" at 200 feet    |

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Records of wells and springs in Briscoe County--Continued

|       |            |               |                 |              |              |          | Height of |
|-------|------------|---------------|-----------------|--------------|--------------|----------|-----------|
| Well  | Distance   | Owner         | Driller         | Date         | Depth        | Diam-    | measuring |
|       | from       | 1             |                 | com-         | of           | eter     | point     |
| l     | Silverton  |               |                 | ple-         | well         | of       | above     |
| ļ     |            |               |                 | ted          | (ft.)        | well     | ground    |
| ;<br> | 1          |               |                 |              |              | (in.)    | (It.) a/  |
| 128 ¦ | 65 miles   | W. J. Mercer  | do.             | 1943         | 215 <u>+</u> | 21       |           |
| 100   | southwest  |               |                 |              |              |          |           |
| 158   | 6 miles    | do.           | Francis and     | 1937         | 300          | 51       |           |
|       | southvest  | 1             | Davis           |              |              |          |           |
|       |            |               |                 |              |              |          |           |
| 130   | 54 miles   | do.           | Green Machinery | 1936         | 264          | 21       | +         |
| - JU  | southwest  |               | Co.             | <u>کرر -</u> |              |          |           |
|       | 5000000000 |               |                 |              |              |          | 1         |
| 131   | do.        | J. B. McGraw  | J. F. Davis     | 1946         | 219          | 21       | 1.5       |
| _     |            |               |                 | -            |              |          |           |
|       |            |               |                 |              |              |          |           |
|       |            |               |                 |              |              |          |           |
| 132   | 5 miles    | Joe O'Neal    | Joe C'Neal      | 1937         | 200 <u>+</u> | 21       | 1         |
|       | southwest  |               |                 |              |              |          |           |
| 133   | 45 miles   | Ed Vaughn     | J. F. Davis     | 1946         | 200          | 21       | 1         |
|       | southwest  |               |                 | 1010         | 010          |          | -         |
| 134   | 9층 miles   | do.           | do.             | 1940         | 215          | 20       |           |
| 1     | soutnwest  |               |                 |              |              |          |           |
| 175   | 5± milog   | 0 P Minne     | Louis Francis   |              | 2110         | 21       | +         |
| רכב   | couthwest  | 0. 10 11995   | Tours Hemory    |              | 2.10         | <u> </u> | Ĭ         |
| 136   | 6 miles    | Bud McMinn    | J. F. Davis     | 1.946        | 215          | 21       | 1 1       |
|       | southwest  |               |                 |              |              |          | _         |
|       | 2          |               |                 |              |              |          |           |
| 137   | do.        | Lydia Lewis   | do.             | 1946         |              |          |           |
|       |            |               |                 |              |              |          |           |
| 138   | do.        | L. W. Francis | Hollie F.       | 1945         | 216          | 21       | 2         |
|       |            |               | Francis         |              |              |          |           |
| 139   | 65 miles   | do.           | Francis and     | 1937         | 370          | 21       | 1         |
|       | southwest  |               | Davis           |              | 1            |          |           |
|       |            |               |                 |              |              |          |           |
| 110   |            | 4.0           | I I Dowig       | 1077         | 077          | +        | +         |
| T40   | uų.        | u0.           | J. I. DAVIS     | 1221         | 221          |          | +<br>     |
|       |            |               |                 |              |              |          |           |
| 141   | 74 miles   | E. R. Long    | Hollie Francis  | 1946         | 220          | 21       |           |
|       | southwest  |               |                 |              |              |          |           |
| 142   | do.        | do.           | do.             | 1946         | 223          | 21       | 1.5       |
|       |            |               |                 |              |              |          |           |
|       |            |               |                 |              |              |          | 1         |
| 143   | 9≢ miles   | Carl Wimberly | do.             | 1946         | 210          | 21       | 1.3       |
|       | southwest  |               |                 |              |              |          |           |
|       |            |               |                 |              |              | 1        |           |
| 7111  |            | ·             | a T Marana      | 1076         |              | ·        |           |
| 144   | .0D        | Lari Vantweil | G. L. Manning   | 1930         | 222          |          |           |
| 7115  | 9 milos    | ob            | Louis Francia   |              | 225          | 1        |           |
| y     | i j mires  | au.           | DOUTS TLAUCIS   |              | 1 22.9       | . 21     | 1         |
| 146   | 10+ milea  | Allen Kellum  | J. F. Davis     | 1945         | 206          | 21       | 1.6       |
|       | southwest  | 22 m          |                 |              | 1            | 1        |           |
|       |            | L             |                 |              |              |          |           |

|      | WATER        | TEAET            | 1      |          |                                  |
|------|--------------|------------------|--------|----------|----------------------------------|
| Well | Below        | Date of          | Method | Use      | Remarks                          |
| ļ    | land         | measurement      | of     | of       |                                  |
|      | surface      | ,                | lift   | water    |                                  |
|      | (ft.)        |                  | ъ/     |          |                                  |
|      | <b>\ \ /</b> | •                |        |          |                                  |
| 128  |              | eno ano          | T.G.   | Irr      | Pump set at 140 feet. Reported   |
|      |              |                  | 93     |          | vield 800 gallons a minute. "Red |
| 120  |              |                  | None   | N        | Boported [beds" at 215 feet.     |
|      |              |                  | 110110 | 71       | wield 200 millions a minute      |
|      |              |                  |        |          | pretu 200 garrons a minute,      |
| 1    |              |                  |        |          | Considered insullicient for      |
|      |              |                  |        |          | irrigation. Hole filled to       |
| 130  | ***          |                  | None   | N        | Reported yield 300 surface.      |
| 1    |              |                  |        |          | gallons a minute, considered     |
|      |              |                  |        |          | insufficient water for           |
| 131  | 79.4         | Aug. 29, 1946    | T,G,   | Irr      | Irrigated 42 acres irrigation.   |
| _    |              |                  | 165    |          | of beans and row crops in 1946.  |
|      |              |                  |        |          | Reported vield, 800 gallons a    |
| 1    |              |                  |        |          | minute. "Bed hede" at 219 feet.  |
| 170  | 876          | 1                | ma     | Tan      | Fatimoted wield 800 mollong 2    |
| 30   | 01.0         | u0.              |        | TT.T.    | minited yield 600 garions a      |
|      | 70 (         |                  |        | 17       |                                  |
| 133  | 19.0         | do.              | None   | N        | insufficient water for           |
|      |              |                  |        | -        | irrigation. "Red beds" at 1/8    |
| 134  | <u>d</u> /80 |                  | T,G,   | Irr      | Pump set at 130 feet. See log.   |
|      |              |                  | 125    |          | feet. Reported yield 800         |
|      |              |                  |        |          | gallons a minute. See log.       |
| 135  | 79.4         | Aug. 29, 1946    | None   | N        | Reported yield 250 gallons a     |
|      |              |                  |        |          | minute. considered insufficient  |
| 136  | 81.4         | do.              | T.G.   | Irr      | Reported   for irrigation.       |
|      |              |                  | 125    | <b>.</b> | drawdown 103 feet when           |
|      |              |                  |        |          | numping 500 collong o minuto     |
| 177  |              |                  |        | M        | Drilling for innightion when     |
| 121  |              |                  |        | 10       | Drifting for irrigation men      |
|      |              | 7.01             |        |          |                                  |
| - 20 | (り・り         | Aug. 29, 1946    | None   | IN       | Dritted for irrigation. Pump     |
|      |              |                  |        |          | not set when visited.            |
| 139  | 75.8         | do.              | None   | Ν        | Drilled to 225 feet, deepened    |
|      |              |                  |        |          | to 370 feet. Reported yield      |
|      |              |                  |        |          | 300 gallons a minute, considered |
|      |              |                  |        |          | insufficient for irrigation.     |
| 140  | 76.5         | Aug. 9, 1946     | T,G,   | Irr      | Pump set at 120 feet. Measured   |
|      | 82.6         | Aug. 29, 1946    | 92     |          | drawdown 28 fect after pumping   |
| 1    |              |                  | -      |          | 800 gallons a minute for 2 to    |
| 141  |              | · · · · · ·      | Nono   | N        | Drilled for invigation 13 days.  |
|      |              | -                | 1/0110 | 1/1      | Driffed for installed            |
| 110  | 70 0         | T-1 07 2016      |        |          | Pump to be installed.            |
| 142  | 10.9         | JULY 23, 1940    | T,G,   | irr      | Pump set at 185 leet. Drawdown   |
|      | or•9         | Aug. 28, 1946    | 140    |          | 100 feet on July 3, 1946, after  |
|      |              |                  |        |          | pumping 1100 gallons a minute    |
| 143  | 85.7         | July 1, 1946     | T      | N        | Drilled for \for one hour.       |
|      | 85.7         | Aug. 30, 1946    |        |          | irrigation. Pump pulled and      |
|      | -            |                  |        |          | lying at side of well. Reported  |
|      |              |                  |        |          | yield 200 gallons a minute.      |
| 144  | 68.0         | Mar. 29. 1946    | T.G.   | Irr      | Pump set at 130 feet. Estimated  |
|      | 77.1         | A11g 25 1046     | 25     |          | vield 350 callong a minute.      |
| 745  | <u> </u>     | Ang ZO TONG      | Nonc   |          | Insufficient water for           |
|      | UJ• J        | 1 10g • JU; ±J+U | TAOILG | ти ,     | inguittoito WG001 101            |
|      | EO D         | T-1- 1 1010      |        |          | TTTTERPTON.                      |
| 140  | 22.4         | JULY 1, 1946     | Ψ      | 1rr      | rump set at 1/0 feet. Measured   |
|      |              | Ann OF 1014      | 1 100  |          |                                  |

| Will of source       Drift of an silvertson       Drift of an source       Drift of an source <thdrift an="" of="" source<="" th=""> <thdrift an<="" of="" th=""><th>W-11.</th><th>Distance</th><th>0</th><th><b>T</b>he <b># 3 3 a a</b></th><th>,<br/>bootta</th><th>Der th</th><th></th><th>Height of</th></thdrift></thdrift>  | W-11.       | Distance   | 0                 | <b>T</b> he <b># 3 3 a a</b> | ,<br>bootta | Der th   |                   | Height of |
|--|-------------|------------|-------------------|------------------------------|-------------|----------|-------------------|-----------|
| Silvertson       0.1       0.1       0.1       above         147       11 miles       J. W. Read       J. F. Davis       1946       215       21       1         148       10% miles       Carl Winberly       do.       1937       218       21       1         148       10% miles       Edwin Cress        1936       220       21       1         148       10% miles       Edwin Cress        1936       220       21       1         149       10 miles       Edwin Cress        1936       220       21       1         150       9% miles       Trancis School         6       0.5         151       10 miles       Edwin Cress       Geen Machinery       1946       215       21          152       10% miles       Scott Scithee       J. F. Davis       1946       225       21          153       60.       J. Loe Francis       Parkis       1937       226       18       1.0         155       10 miles       E. Win Crass       do.       1937       226       18       1.0         154       do.       Co.   | Wert        | Distance   | Owner             | Driller                      | Date        | Deptn    | Diam-             | measuring |
| best (ft.)         well<br>(ft.)         ground<br>(ft.)         ground<br>(ft.) <td></td> <td>Silvertoon</td> <td></td> <td></td> <td>nle-</td> <td>well</td> <td>of</td> <td></td> |             | Silvertoon |                   |                              | nle-        | well     | of                |           |
| 147       11 miles<br>southwest       J. W. Head       J. F. Davis       1346       215       21       1         148       10% miles<br>southwest       Carl Wimberly       do.       1937       218       21       1         149       10 miles<br>southwest       Edwin Cress        1936       220       21       1         150       9% miles<br>southwest       Edwin Cress        1936       220       21       1         150       9% miles<br>southwest       Edwin Cress         6       0.5         151       10 miles<br>southwest       Edwin Cress       Oc.       1946       215       21          152       10% miles<br>southwest       Scott Snithes       J. F. Davis       1946       225       21          153       do.       J. Lee Francis       Prencis and<br>Baris       1937       226       21          154       do.       Edwin Cress       do.       1937       226       18       1.0         155       10 miles<br>southwest       E. Boll       Lewis Francis       1935       200       21       1.0         155       10 miles       Mrs. L. 0. Conner<br>southwest       Co. <td></td> <td>0127010000</td> <td></td> <td></td> <td>ted</td> <td>(ft.)</td> <td>vel1</td> <td>eround</td>  |             | 0127010000 |                   |                              | ted         | (ft.)    | vel1              | eround    |
| 147       11 miles<br>southmest       5. W. Read       J. F. Davis       1946       215       21       1         148       10g miles<br>southwest       Carl Winberly       do.       1937       218       21       1         149       10 miles<br>southwest       Edwin Crass        1936       220       21       1         149       10 miles<br>southwest       Edwin Crass        1936       220       21       1         150       9% miles<br>southwest       Edwin Crass       Green Machinery       1946       215       21          151       10 miles<br>southwest       Edwin Crass       Green Machinery       1946       225       21          152       10 miles<br>southwest       Edwin Crass       J. F. Davis       1946       225       21          153       do.       J. Lee Francis       Francis and<br>Davis       1937       226       21          154       do.       Edwin Crass       do.       1937       226       18       1.0         155       10 miles       R. B. Bell       Lewis Francis       1936       200       21       1.0         155       10 miles       Mrs. Zuls S. <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>(in.)</td> <td>(ft.) a/</td>   |             |            |                   |                              |             |          | (in.)             | (ft.) a/  |
| southwest         Carl Winberly         do.         1937         218         21         1           148         10% miles<br>southwest         Edwin Cress          1936         220         21         1           149         10 miles<br>southwest         Edwin Cress          1936         220         21         1           150         9% miles<br>southwest         Francis School            6         0.5           151         10 miles<br>southwest         Edwin Cress         Green Machinery<br>Co.         1946         215         21            152         106, Files<br>southwest         Scott Smithee         J. F. Davis         1946         225         21            153         do.         J. Lee Francis         Prancis and<br>Davis         1937         226         18         1.0           154         do.         Edwin Cress         do.         1937         226         18         1.0           155         10 miles<br>southwest         R. E. Bell         Lewis Prancis         1936         200         21         1.0           156         do.         Go.         Oreen Machinery<br>southwest         1937         275 <td< td=""><td>147</td><td>ll miles</td><td>J. W. Read</td><td>J. F. Davis</td><td>1946</td><td>215</td><td>21</td><td>1</td></td<>   | 147         | ll miles   | J. W. Read        | J. F. Davis                  | 1946        | 215      | 21                | 1         |
| 148         10f miles<br>southwest         Carl Mimborly         do.         1937         218         21         1           149         10 miles<br>southwest         Edwin Crass          1936         220         21         1           150         9% miles<br>southwest         Francis School           6         0.5           151         10 miles<br>southwest         Edwin Crass         Oreen Machinery<br>Co.         1945         215         21            152         10% miles<br>southwest         Scott Smithes         J. F. Davis         1946         225         21            153         do.         J. Los Francis         Prancis and<br>Davis         1937         226         21            154         do.         Edwin Crass         do.         1937         226         18         1.0           155         10 miles<br>southwest         R. Bell         Lewis Prancis         1936         200         21         1.0           155         10 miles<br>southwest         Mrs. L. G. Conner         Leo Koger         1938         230         14            155         14 miles<br>southwest         Branlet         Hoffeereereereereereereereereereereereeree  |             | southwest  |                   |                              |             |          |                   |           |
| 148         16g miles<br>southwest         Carl Wimberly         do.         1937         218         21         1           149         10 miles<br>southwest         Edwin Crass          1936         220         21         1           150         9% miles<br>southwest         Francis School          1936         220         21         1           150         9% miles<br>southwest         Francis School           8         0.5           151         10 miles<br>southwest         Edwin Crass         Green Machinery<br>Co.         1946         215         21            152         10g miles<br>southwest         Scott Smithee<br>Scott Smithee         J. F. Devis         1946         225         21            153         do.         J. Lee Francis         Brancis and<br>Devis         1937         226         18         1.0           154         do.         Edwin Crass         do.         1937         275         14            155         10 miles<br>southwest         R. E. Bell         Lewis Francis         1936         200         21         1.0           156         do.         do.         Green Machinery<br>Leo Koger         1938  |             |            |                   |                              |             |          |                   |           |
| 149       10 miles       Edwin Crass        1936       220       21       1         150       9% miles       Francis School          8       0.5         151       10 miles       Edwin Crass       Green Machinery       1946       215       21          152       10% miles       Edwin Crass       Green Machinery       1946       225       21          152       10% miles       Scott Smithee       J. F. Davis       1946       225       21          153       do.       J. Lee Francis       Francis and<br>Davis       1937       226       21          154       do.       Edwin Grass       do.       1937       226       18       1.0         155       10 miles       R. E. Bell       Lewis Francis       1936       200       21       1.0         156       do.       do.       Go.       Go.       1937       226       18       1.0         156       do.       do.       Go.       Go.       Go.       1937       230       14          157       134 miles       Mrs. L. 0. Conner       Lee Koger   | 148         | 10号 miles  | Carl Wimberly     | do.                          | 1937        | 218      | 21                | 1         |
| 149         10 miles<br>southwest         Edwin Crass          1936         220         21         1           150         9% miles<br>southwest         Francis School            8         0.5           151         10 miles<br>southwest         Edwin Crass         Green Machinery         1946         215         21            152         10% miles<br>southwest         Scott Smithee         J. F. Davis         1946         225         21            153         do.         J. Lee Francis         Francis and<br>Davis         1937         226         21            154         do.         Edwin Crass         do.         1937         226         18         1.0           155         10 miles<br>southwest         R. E. Bell         Lewis Prancis         1936         200         21         1.0           156         do.         do.         Green Machinery         1937         275         14            155         10 miles<br>southwest         R. E. Nell         Lewis Prancis         1940         250         15            156         do.         Go.         Green Machinery         1938         230  |             | southwest  |                   |                              |             |          |                   | *         |
| 149       10 miles<br>southwest       Edwin Crass        1936       220       21       1         150       9% miles<br>southwest       Francis School          8       0.5         151       10 miles<br>southwest       Edwin Crass       Green Machinery<br>Co.       1946       215       21          152       10% miles<br>southwest       Edwin Crass       Green Machinery<br>Co.       1946       225       21          153       do.       J. Lee Francis       Francis and<br>Davis       1937       226       21          154       do.       Edwin Crass       do.       1937       226       18       1.0         155       10 miles<br>southwest       R. E. Bell       Lewis Prancis       1936       200       21       1.0         156       do.       do.       Green Machinery<br>southwest       1937       275       14          157       134 miles<br>southwest       Mrs. 2.0. Conner       Leo Koger       1938       230       14          158       14 miles<br>southwest       Mrs. 2.0. Conner       Leo Koger       1938       230       14          159       134 miles<br>southw   |             |            |                   |                              |             |          |                   |           |
| 149       10 miles<br>southwest       Edwin Cress        1936       220       21       1         150       9% miles<br>southwest       Francis School          8       0.5         151       10 miles<br>southwest       Edwin Cress       Green Machinery<br>Co.       1946       215       21          152       10% miles<br>southwest       Scott Smithee       J. F. Davis       1946       225       21          153       do.       J. Lee Francis       Prancis and<br>Davis       1937       226       21          153       do.       J. Lee Francis       Prancis and<br>Davis       1937       226       21          154       do.       Edwin Cress       do.       1937       226       18       1.0         155       10 miles<br>southwest       R. E. Bell       Lewis Francis       1936       200       21       1.0         156       do.       do.       Co.       1937       275       14          157       13\$ miles<br>southwest       Mrs. L. G. Conner       Leo Koger       1938       230       14          158       14 miles       Mrs. Jula S.  |             |            |                   |                              |             |          |                   |           |
| 149       10 miles       Edwin Crass        1936       220       21       1         150       9% miles       Francis School          8       0.5         151       10 miles       Edwin Crass       Green Machinery       1946       215       21          152       10% miles       Scott Smithee       J. F. Davis       1946       225       21          153       do.       J. Lee Francis       Prancis and       1937       226       21          153       do.       J. Lee Francis       Prancis and       1937       226       21          154       do.       Edwin Crass       do.       1937       226       18       1.0         155       10 miles       R. E. Bell       Lewis Francis       1936       200       21       1.0         156       do.       do.       Green Machinery       1937       275       14          157       13\$ miles       Mrs. L. G. Conner       Leo Koger       1938       230       14          158       14 miles       Mrs. Eula S.       L. W. Francis       1940       250  |             |            |                   |                              |             |          |                   |           |
| southwest            8         0.5           150         9% miles<br>southwest         Edwin Crass         Green Machinery         1946         215         21            151         10 miles<br>southwest         Edwin Crass         Green Machinery         1946         225         21            152         10% miles<br>southwest         Scott Smithee         J. F. Davis         1946         225         21            153         do.         J. Lee Francis         Prancis and<br>Davis         1937         226         18         1.0           154         do.         Edwin Crass         do.         1937         226         18         1.0           155         10 miles<br>southwest         R. E. Bell         Lewis Francis         1936         200         21         1.0           156         do.         do.         Green Machinery         1937         275         14            157         13% miles         Mrs. L. C. Conner         Lee Koger         1938         230         14            158         14 miles<br>southwest         Sramlet         L. W. Frencis         1940         250         15  | 149         | 10 miles   | Edwin Crass       |                              | 1936        | 220      | 51                | 1         |
| 150       9% miles<br>southwest       Francis School         8       0.5         151       10 miles<br>southwest       Edwin Crass       Green Machinery<br>Co.       1946       215       21          152       10g miles<br>southwest       Scott Smithee       J. F. Davis       1946       225       21          153       do.       J. Lee Francis       Francis and<br>Davis       1937       226       21          154       do.       Edwin Crass       do.       1937       226       18       1.0         155       10 miles<br>southwest       R. E. Bell       Lewis Francis       1936       200       21       1.0         156       do.       do.       Green Machinery<br>co.       1937       275       14          157       13 <sup>±</sup> miles<br>southwest       Mrs. L. G. Conner       Lee Koger       1938       230       14          158       14 miles<br>southwest       Mrs. Zula S.       L. W. Francis       1940       250       15          159       13 <sup>±</sup> miles<br>southwest       H. H. McPherson       Hollie Francis       1946       212       18       1         160       do.       <   |             | southwest  |                   |                              |             |          |                   |           |
| Southwest         Intervent         Green Machinery         1946         215         21            152         105 miles         Scott Smithee         J. F. Davis         1946         225         21            152         105 miles         Scott Smithee         J. F. Davis         1946         225         21            153         do.         J. Lee Francis         Francis and<br>Davis         1937         226         21            154         do.         Edwin Crass         do.         1937         226         18         1.0           155         10 miles         E. E. Bell         Lewis Francis         1936         200         21         1.0           156         do.         do.         Green Machinery         1937         275         14            156         do.         do.         Green Machinery         1937         275         14            156         do.         do.         Co.         1938         230         14            157         135 miles         Mrs. E. G. Conner         Leo Koger         1938         230         15            <  | 150         | 9- miles   | Francis School    |                              |             | <u> </u> | g                 | 0.5       |
| 151       10 miles<br>southwest       Edwin Crass       Green Machinery<br>Co.       1946       215       21          152       10g miles<br>southwest       Scott Smithee       J. F. Davis       1946       225       21          153       do.       J. Lee Francis       Francis and<br>Davis       1937       226       21          153       do.       J. Lee Francis       Francis and<br>Davis       1937       226       21          154       do.       Edwin Crass       do.       1937       226       18       1.0         155       10 miles<br>southwest       E. E. Bell       Lewis Francis       1936       200       21       1.0         156       do.       do.       Green Machinery<br>co.       1937       275       14          156       do.       do.       Green Machinery<br>co.       1937       275       14          157       135 miles       Mrs. L. G. Conner       Leo Koger       1936       230       14          158       14 miles       Mrs. Eula S.       L. W. Francis       1940       250       15          159       137 miles       M. B. McPherson<  | - ) -       | southwest  |                   |                              |             |          |                   |           |
| southwest         Co.           152         10½ miles<br>southwest         Scott Smithee         J. F. Davis         1946         225         21            153         do.         J. Lee Francis         Francis and<br>Davis         1937         226         21            154         do.         Edwin Crass         do.         1937         226         18         1.0           155         10 miles<br>southwest         R. E. Bell         Lewis Francis         1936         200         21         1.0           156         do.         do.         Green Machinery         1937         275         14            157         13½ miles         Mrs. L. G. Conner         Leo Koger         1938         230         14            157         13½ miles         Mrs. Zula S.         L. W. Francis         1940         250         15            158         14 miles         Mrs. Zula S.         L. W. Francis         1940         250         15            159         13½ miles         J. E. Mercer         Finis L. Moore         1938         210         16            161         13 miles         J. E. Mercer </td <td>151</td> <td>10 miles</td> <td>Edwin Crass</td> <td>Green Machinery</td> <td>1946</td> <td>215</td> <td>21</td> <td></td>   | 151         | 10 miles   | Edwin Crass       | Green Machinery              | 1946        | 215      | 21                |           |
| 1)2       10g miles<br>southwest       Scott Smithee       J. F. Davis       1940       225       21          153       do.       J. Lee Francis       Francis and<br>Davis       1937       226       21          154       do.       Edwin Crass       do.       1937       226       18       1.0         155       10 miles<br>southwest       E. E. Bell       Lewis Francis       1936       200       21       1.0         156       do.       do.       Green Machinery<br>Co.       1937       275       14          157       134 miles       Mrs. L. G. Conner       Leo Koger       1938       230       14          156       14 miles       Mrs. Tala S.<br>southwest       L. W. Francis       1940       250       15          157       134 miles       Mrs. Tala S.<br>southwest       L. W. Francis       1940       212       18       1         159       134 miles       M. H. MePherson       Hollie Francis       1946       212       18       1         160       do.       W. D. Nence        1938       210       16          161       13 miles<br>southwest       J. E. Mer  |             | southwest  |                   | <u>Co</u>                    | 130110      |          | L                 |           |
| 153       do.       J. Lee Francis       Francis and<br>Davis       1937       226       21          154       do.       Edwin Crass       do.       1937       226       18       1.0         155       10 miles<br>southwest       E. E. Bell       Lewis Francis       1936       200       21       1.0         155       10 miles<br>southwest       E. E. Bell       Lewis Francis       1936       200       21       1.0         156       do.       do.       Green Machinery<br>Co.       1937       275       14          157       13‡ miles<br>southwest       Mrs. L. G. Conner       Leo Koger       1938       230       14          158       14 miles<br>southwest       Mrs. Eula S.<br>Branlett       L. W. Francis       1940       250       15          159       13‡ miles<br>southwest       H. H. McPherson       Hollie Francis       1940       212       18       1         160       do.       W. D. Nence        1938       210       16          161       15 miles<br>southwost       J. E. Mercer       Finis L. Moore       1938       210       16       1         162       do.       <   | 125         | 10克 miles  | Scott Smithee     | J. F. Davis                  | 1946        | 222      | 1 51              |           |
| 153       do.       J. Lee Francis       Francis and<br>Davis       1937       226       21          154       do.       Edwin Crass       do.       1937       226       18       1.0         155       10 miles<br>southwest       E. E. Bell       Lewis Francis       1936       200       21       1.0         155       10 miles<br>southwest       E. E. Bell       Lewis Francis       1936       200       21       1.0         156       do.       do.       Green Machinery<br>Co.       1937       275       14          157       13½ miles<br>southwest       Mrs. L. G. Conner       Leo Koger       1938       230       14          158       14 miles<br>southwest       Mrs. Jule S.<br>Branlett       L. W. Francis       1940       250       15          159       13½ miles<br>southwest       Mrs. Jule S.<br>H. H. McPherson       Hollie Francis       1940       212       18       1         160       do.       W. D. Nance        1938       210       16          161       13 miles<br>southwost       J. E. Mercer       Finis L. Moore       1938       210       16       1         162       do.   |             | Southwest  |                   |                              |             |          |                   |           |
| Davis       Davis         154       do.       Edwin Crass       do.       1937       226       18       1.0         155       10 miles       R. E. Bell       Lewis Francis       1936       200       21       1.0         156       do.       do.       Green Machinery       1937       275       14          157       137 miles       Mrs. L. G. Conner       Leo Koger       1938       230       14          158       14 miles       Mrs. Zula S.       L. W. Francis       1940       250       15          159       137 miles       H. H. McPherson       Hollie Francis       1946       212       18       1         160       do.       W. D. Mance        1938       210       16          161       13 miles       J. E. Mercer       Finis L. Moore       1937       219       14       0.6         162       do.       Dr. Conrad Frey       Earl Sassamen       1937       219       14       0.6         163       121 miles       do.       D. B. Mathis       1946       230       16 <td>153</td> <td>do.</td> <td>J. Lee Francis</td> <td>Francis and</td> <td>1937</td> <td>226</td> <td>21</td> <td></td>  | 153         | do.        | J. Lee Francis    | Francis and                  | 1937        | 226      | 21                |           |
| 154       do.       Edwin Crass       do.       1937       226       18       1.0         155       10 miles<br>southwest       N. E. Bell       Lewis Francis       1936       200       21       1.0         156       do.       do.       Green Machinery       1937       275       14          156       do.       do.       Green Machinery       1937       275       14          157       13% miles       Mrs. L. G. Conner       Leo Koger       1938       230       14          158       14 miles       Mrs. Zula S.       L. W. Francis       1940       250       15          159       13% miles       H. H. McPherson       Hollie Francis       1946       212       18       1         160       do.       W. D. Mance        1938       210       16          161       13 miles       J. E. Mercer       Finis L. Moore       1937       219       14       0.6         162       do.       Dr. Conrad Frey       Earl Sassamen       1937       219       14       0.6         163       12½ miles       do.       D. S. Mathis       1946       23  |             |            |                   | Davis                        |             |          | ļ                 |           |
| 155       10 miles<br>southwest       E. E. Bell       Lewis Francis       1936       200       21       1.0         156       do.       do.       Green Machinery<br>Co.       1937       275       14          157       134 miles       Mrs. L. G. Conner       Leo Koger       1938       230       14          158       14 miles       Mrs. Zula S.       L. W. Francis       1940       250       15          159       134 miles       H. H. McPherson       Hollie Francis       1946       212       18       1         160       do.       W. D. Mance        1938       210       16          161       13 miles       J. E. Mercer       Finis L. Moore       1938       210       16       1         162       do.       Dr. Conrad Frey       Earl Sassamen       1937       219       14       0.6         163       124 miles       do.       D. B. Mathis       1946       230       16  | 154         | do.        | Edwin Crass       | do.                          | 1937        | 226      | 18                | 1.0       |
| 155       10 miles<br>southwest       R. E. Bell       Lewis Francis       1936       200       21       1.0         156       do.       do.       Green Machinery<br>Co.       1937       275       14          157       134 miles       Mrs. L. G. Conner       Leo Koger       1938       230       14          158       14 miles       Mrs. Eula S.<br>southwest       L. W. Francis       1940       250       15          159       134 miles<br>southwest       H. H. McPherson       Hollie Francis       1946       212       18       1         160       do.       W. D. Mance        1938       210       16          161       13 miles<br>southwest       J. E. Mercer       Finis L. Moore       1938       210       16       1         162       do.       Dr. Conrad Frey       Earl Sassamen       1937       219       14       0.6         163       124 miles       do.       D. B. Mathis       1946       230       16   |             |            |                   |                              |             |          |                   |           |
| 155       10 miles<br>southwest       R. E. Bell       Lewis Francis       1936       200       21       1.0         156       do.       do.       Green Machinery<br>Co.       1937       275       14          157       134 miles<br>southwest       Mrs. L. G. Conner       Leo Koger       1938       230       14          157       134 miles<br>southwest       Mrs. L. G. Conner       Leo Koger       1938       230       14          158       14 miles<br>southwest       Mrs. Zula S.<br>Bramlett       L. W. Francis       1940       250       15          159       134 miles<br>southwest       H. H. McPherson       Hollie Francis       1946       212       18       1         160       do.       W. D. Nance        1938       210       16          161       13 miles<br>southwest       J. E. Mercer       Finis L. Moore       1938       210       16       1         162       do.       Dr. Conrad Frey       Earl Sassamen       1937       219       14       0.6         163       124 miles<br>conthwest       do.       D. B. Mathis       1946       230       16   |             |            |                   |                              |             |          |                   |           |
| southwest       do.       Green Machinery<br>Co.       1937       275       14          157 $13\frac{1}{2}$ miles<br>southwest       Mrs. L. G. Conner       Leo Koger       1938       230       14          157 $13\frac{1}{2}$ miles<br>southwest       Mrs. L. G. Conner       Leo Koger       1938       230       14          158       14 miles<br>southwest       Mrs. Fula S.<br>Bramlett       L. W. Francis       1940       250       15          159 $13\frac{1}{2}$ miles<br>southwest       H. H. McPherson       Hollie Francis       1946       212       18       1         160       do.       W. D. Mance        1938       210       16          161       13 miles<br>southwost       J. E. Mercer       Finis L. Moore       1938       210       16       1         162       do.       Dr. Conrad Frey       Earl Sassamen       1937       219       14       0.6         163 $12\frac{1}{2}$ miles<br>conthwest       do.       D. B. Mathis       1946       230       16  | <b>1</b> 55 | lO miles   | R. E. Bell        | Lewis Francis                | 1936        | 200      | 21                | 1.0       |
| 150       do.       Green Machinery Co.       1937       275       14          157       13± miles southwest       Mrs. L. G. Conner       Leo Koger       1938       230       14          158       14 miles southwest       Mrs. Eula S.       L. W. Francis       1940       250       15          159       13± miles southwest       Bramlett       H. H. McPherson       Hollie Francis       1946       212       18       1         160       do.       W. D. Nance        1938       210       16          161       13 miles southwest       J. E. Mercer       Finis L. Moore       1938       210       16       1         162       do.       Dr. Conrad Frey       Earl Sassamen       1937       219       14       0.6         163       12± miles conthwest       do.       D. B. Mathis       1946       230       16   |             | southwest  |                   | <u> </u>                     | 1           |          | <u> </u> <u>-</u> |           |
| 157       13± miles southwest       Mrs. L. G. Conner       Leo Koger       1938       230       14          158       14 miles southwest       Mrs. Eula S. Bramlett       L. W. Francis       1940       250       15          159       13± miles southwest       Bramlett       H. H. McPherson       Hollie Francis       1946       212       18       1         160       do.       W. D. Mance        1938       210       16          161       13 miles southwest       J. E. Mercer       Finis L. Moore       1938       210       16          161       13 miles southwest       J. E. Mercer       Finis L. Moore       1938       210       16       1         162       do.       Dr. Conrad Frey       Earl Sassamen       1937       219       14       0.6         163       12± miles do.       do.       D. B. Mathis       1946       230       16   | 120         | do.        | d.o.              | Green Machinery              | 1937        | 275      | 1 14              |           |
| southwest       Mrs. Eula S.       L. W. Francis       1940       250       15          158       14 miles       Mrs. Eula S.       L. W. Francis       1940       250       15          159       13 <sup>±</sup> miles       H. H. McPherson       Hollie Francis       1946       212       18       1         160       do.       W. D. Mance        1938       210       16          161       13 miles       J. E. Mercer       Finis L. Moore       1938       210       16          161       13 miles       J. E. Mercer       Finis L. Moore       1938       210       16       1         162       do.       Dr. Conrad Frey       Earl Sassamen       1937       219       14       0.6         163       12 <sup>±</sup> miles       do.       D. B. Mathis       1946       230       16  | 157         | 13는 miles  | Mrs. L. G. Conner | Leo Koger                    | 1938        | 230      | 1-14              |           |
| 158       14 miles       Mrs. Zula S.       L. W. Francis       1940       250       15          159       13 <sup>±</sup> miles       H. H. McPherson       Hollie Francis       1946       212       18       1         160       do.       W. D. Mance        1938       210       16          161       13 miles       J. B. Mercer       Finis L. Moore       1938       210       16          161       13 miles       J. B. Mercer       Finis L. Moore       1938       210       16       1         162       do.       Dr. Conrad Frey       Earl Sassamen       1937       219       14       0.6         163       12 <sup>±</sup> miles       do.       D. B. Mathis       1946       230       16  |             | southwest  |                   |                              |             |          |                   |           |
| southwestBramlett159 $13 \pm$ miles<br>southwestH. H. McPherson<br>Hollie Francis1946212181160do.W. D. Mance19382101616113 miles<br>southwestJ. E. Mercer<br>southwestFinis L. Moore193821016116113 miles<br>southwestJ. E. Mercer<br>southwestFinis L. Moore1938210161162do.Dr. Conrad FreyEarl Sassamen1937219140.6163 $12\pm$ miles<br>southwestdo.D. B. Mathis194623016  | 158         | 14 miles   | Mrs. Eula S.      | L. W. Francis                | 1940        | 250      | 15                |           |
| 199       197 miles       N. H. Marnerson       Hollie Francis       1940       212       16       1         160       do.       W. D. Mance        1938       210       16          161       13 miles       J. E. Mercer       Finis L. Moore       1938       210       16       1         161       13 miles       J. E. Mercer       Finis L. Moore       1938       210       16       1         162       do.       Dr. Conrad Frey       Earl Sassamen       1937       219       14       0.6         163       12 <sup>1</sup> miles       do.       D. B. Mathis       1946       230       16  | 150         | southwest  | Bramlett          | Hollio Danaja                | 17016       | 010      | +                 | <u> </u>  |
| 160       do.       W. D. Mance        1938       210       16          161       13 miles<br>southwost       J. E. Mercer       Finis L. Moore       1938       210       16       1         162       do.       Dr. Conrad Frey       Earl Sassamen       1937       219       14       0.6         163       12 <sup>±</sup> miles<br>routhwost       do.       D. B. Mathis       1946       230       16  | 109         | southwest  | H. H. MCrherson   | noirie Francis               | 1940        | 212      | 10                | <u>۲</u>  |
| 160       do.       W. D. Mance        1938       210       16          161       13 miles       J. B. Mercer       Finis L. Moore       1938       210       16       1         161       13 miles       J. B. Mercer       Finis L. Moore       1938       210       16       1         161       13 miles       J. B. Mercer       Finis L. Moore       1938       210       16       1         162       do.       Dr. Conrad Frey       Earl Sassamen       1937       219       14       0.6         163       12 <sup>1</sup> / <sub>2</sub> miles       do.       D. B. Mathis       1946       230       16   |             | beautitobe |                   |                              |             |          |                   |           |
| 161       13 miles<br>southwest       J. E. Mercer       Finis L. Moore       1938       210       16       1         162       do.       Dr. Conrad Frey       Earl Sassamen       1937       219       14       0.6         163       12½ miles       do.       D. B. Mathis       1946       230       16   | 160         | do.        | W. D. Nance       |                              | 1938        | 210      | 16                |           |
| 161       13 miles<br>southwest       J. E. Mercer       Finis L. Moore       1938       210       16       1         162       do.       Dr. Conrad Frey       Earl Sassamen       1937       219       14       0.6         163       12 <sup>1</sup> / <sub>2</sub> miles       do.       D. B. Mathis       1946       230       16  |             |            |                   |                              |             |          |                   |           |
| 162do.Dr. Conrad FreyEarl Sassamen1937219140.6163 $12\frac{1}{2}$ milesdo.D. B. Mathis194623016  | 161         | 13 miles   | J. B. Mercer      | Finis L. Moore               | 1938        | 210      | 1-16              | +         |
| 162       do.       Dr. Conrad Frey       Earl Sassamen       1937       219       114       0.6         163       12½ miles       do.       D. B. Mathis       1946       230       16  | ±01         | southwest  |                   |                              |             | 220      |                   | -         |
| 162       do.       Dr. Conrad Frey       Earl Sassamen       1937       219       14       0.6         163       12 <sup>1</sup> / <sub>2</sub> miles       do.       D. B. Mathis       1946       230       16  |             |            |                   |                              |             |          |                   |           |
| 1021031211140.6163 $12\frac{1}{2}$ milesdo.D. B. Mathis194623016   | 160         | 1          | Dr. Connod There  |                              | 3077        | 010      |                   | +         |
| 163 12 <u>1</u> miles do. D. B. Mathis 1946 230 16   | 70C         | uu.        | Dr. Conrad #rey   | Lar Jassamen                 | 1521        | 1512     | 1 14              | 0.0       |
| 163 12± miles do. D. B. Mathis 1946 230 16   |             |            |                   |                              | 1           | 1        | i                 |           |
| 163 12± miles do. D. B. Mathis 1946 230 16   |             | 1          | <br>              |                              |             | .i       |                   |           |
|  | 163         | 12± miles  | do.               | D. B. Mathis                 | 1946        | 230      | 16                |           |

Records of wells and springs in Briscoe County--Continued

|             | WATER   | LEVEL                                    |              |            |                                  |
|-------------|---|--|--------------|------------|----------------------------------|
| Well        | Below   | Date of                                  | Method       | Use        | Remarks                          |
|             | land  | measurement                              | of           | of         |                                  |
|             | surface   |  | lift         | water      |                                  |
|             | (ft.)   |  | <u>b</u> /   | <u>c</u> / |                                  |
| 147         | 66.7  | July 1, 1946                             | T, G,        | Irr        | Pump set at 180 feet. Irrigating |
|             |   |  | 120          |            | 50 acres of feed. Estimated      |
|             |   |  |              |            | drawdown 112 feet, when pumping  |
|             |   |  |              |            | 350 gallons a minute. See log.   |
| 148         | 66.5  | Dec. 13, 1946                            | T.G.         | Irr        | Pump set at 148 feet. Irrigating |
|             | (1.)  | July 1, 1946                             | 125          |            | 150 acres of sorghum in 1946.    |
|             |   |  |              |            | Reported yield, 800 gallons a    |
|             |   |  |              |            | 650 millione a minute in 1946    |
|             |   |  |              |            | Drawdown around 22.5 feet in     |
| 149         | 77.8  | May 7, 1936                              | T, G,        | Irr        | Pump set at 116 feet. 11946.     |
| -           |   |  | 125          |            | Measured drawdown 20 feet in     |
|             |   |  |              |            | 1936, when pumping 815 sallons   |
| 150         | 71.4  | May $7, 1936$                            | C,W          | Р          | la minute.                       |
| 151         |   | Aug. 2); 1940                            | T,G,         | Irr        | Pump set at 150 feet. Reported   |
|             |   |  | 125          |            | yield 400 gallons a minute.      |
| 152         | <u>a</u> /70  |  | T.G.         | Irr        | Irrigated 65 acres feed.         |
|             |   |  | 125          |            | Reported yield, 800 gallons a    |
| 157         | 3/75  | an a |              | Tran       | Renarted wield 800 / feet        |
| ±9 <b>9</b> |   | ~~~                                      | 45 L         | TTT        | reported yield, 000              |
| 154         | 82.5  | Dec. 13, 1938                            | None         |            | Cased to bottom. Purp moved to   |
| 2           | 93.5  | Aug. 25, 1946                            |              |            | well 151, but will be replaced.  |
|             |   |  |              |            | Reported yield 750 gallons a     |
|             |   |  |              |            | minute in 1946.                  |
| 155         | 62.4  | Dec. 13, 1938                            | None         | М          | Reported yield (00 gallons a     |
| 156         | 82 G  | <u>Aug. 29, 1940</u><br>Dec 13 1938      | None         | N          | 1 1920, abandoned in             |
|             | 84.2  | Aug. 25, 1946                            | 2.0110       |            |                                  |
| 157         |   | anga angat                               | <b>T</b> ,G, | Irr        | Cased to bottom. Pump set at     |
| 7-0         |   |  | 95           | ļ          | 110 feet. Estimated yield 700    |
| 198         |   | dita rma                                 | Т, G,<br>ОБ  | lrr        | botton Ecourted vield 700        |
| 159         | 85.6  | June 26, 1946                            | T.G.         | Irr        | Casing from gallons a minute.    |
|             | 87.3  | Aug. 25, 1946                            | 95           |            | 76 to 212 feet. Pump set at 120  |
|             |   |  |              |            | feet. Measured yield SOO gallons |
| 160         |   |  | Τ, Θ,        | Irr        | Casing from 132 to a minute.     |
|             |   |  | 120          |            | 122 feet. Pump set at 132 feet.  |
| 7.61        | <u> </u>  | Ann 25 1016                              | - m c        | Taara      | Coging from 50 to 170 1001       |
| TOT         | 00.0  | Aug. 29, 1940.                           | 1,0,         | TLT        | feet Pump set at 110 feet.       |
|             |   |  | 55           |            | Irrigated 100 acres of feed in   |
|             |   |  |              |            | 1946. Reported yield 800 gallons |
| 162         | 89.6  | do,                                      | T,G,         | Irr        | Casing:219 foot with a minute.   |
|             |   |  | 95           |            | 192 fect perforated. Pump set    |
|             |   |  |              |            | at 120 fect. Reported yield 800  |
| 767         |   |  | Namo         | 1 NT       | gallons a minute. See log.       |
| 102         |   |  | None         | IN IN      | visited August 71 10)6           |
|             | - Announce - |  |              | 1          | · VIDIVUU AUGUDV JI, IJTVA       |

|       | Reco                                | rds of wells and spr                  | ings in Briscoe Co      | ounty-                      | -Contin                      | ued                                  |  |
|-------|-------------------------------------|---------------------------------------|-------------------------|-----------------------------|------------------------------|--------------------------------------|--|
| Well, | Distance<br>from<br>Silverton       | Owner                                 | Driller                 | Date<br>com-<br>ple-<br>ted | Depth<br>of<br>well<br>(ft.) | Diam-<br>eter<br>of<br>well<br>(in.) | reight of<br>measuring<br>point<br>above<br>ground<br>(ft.) <u>a</u> / |
| 164   | 9 <sup>1</sup> / <sub>2</sub> miles | W. H. Steel                           | Hollie Francis          | 1946                        | 250                          | 21                                   |  |
| 165   | ` do.                               | do.                                   | Dale Smith              | 1945                        | 256                          | 21                                   | 1  |
| 166   | 9 miles<br>southwest                | Hollie Francis                        | Hollie Francis          | 1946                        | 230                          | 21                                   | 1  |
| 167   | 9 <sup>±</sup> miles                | Charles Francis                       | do.                     | 1946                        | 270                          | 21                                   | 2  |
| 168   | 10 miles<br>southwest               | Dr. Charles E.                        | H. O. Bogle             | 1945                        | 200                          | 18                                   | 1.2  |
| 169   | 95 miles<br>southwest               | Fulton Gregg                          | J. F. Davis             | <b>1</b> 3m                 | 208                          | 21                                   | 3  |
| 170   | ll miles<br>southwest               | A. L. Meyer                           | L. P. Davis<br>and Sons | 1946                        | 220                          | 16                                   | 2  |
| 171   | do.                                 | W. A. Holt                            | Matthews                | 1946                        | 200                          | 14                                   | 3•5  |
| 172   | do.                                 | E. Dickerson                          | L. P. Davis<br>and Sons | 1946                        | 200                          | 16                                   | 1.5  |
| 173   | do.                                 | W. C. Payne                           | W. C. Tye               | 1944                        | 242                          | 12                                   |  |
| 174   | do.                                 | J. V. Nelson                          |                         | 1945                        | 233                          | 16                                   | 3.5  |
| 175   | ll miles<br>southwest               | Grady Wimberly                        | L. W. Francis           | 1940                        | 210                          | 16                                   | 1  |
| 201   | 7 mile<br>southwest                 | Villiam Harden                        | J. F. Davis             | 1945                        | 234                          | 21                                   | 0  |
| 202   | In<br>Silvertson                    | City of Silverton<br>City well no. 1  | Dave Lefboro            | 1929                        | 200                          | 12                                   |  |
| 203   | do.                                 | City of Silvertson<br>City well no. 3 | J. F. Davis             | 1939                        | 410                          | 16±<br>g                             | 0.5  |

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|             | WATER      | LEVEL           |              |           |                                   |
|-------------|------------|-----------------|--------------|-----------|-----------------------------------|
| Well        | Below      | Date of         | Method       | Use       | Remarks                           |
|             | land       | measurement     | of           | of        |                                   |
|             | surface    |                 | lift         | water     |                                   |
|             | (ft.)      |                 | b/           | <u>c/</u> |                                   |
|             |            |                 |              |           |                                   |
| 164         |            |                 | Т,С,         | Irr       | Estimated yield 350 gallons a     |
|             |            |                 | 95           |           | minute. Reported drilled to       |
| 165         | 84.8       | Aug. 28, 1946   | None         | N         | Reported yield 375 ["red beds".   |
| 1           |            |                 |              |           | gallons a minute, considered      |
|             |            |                 |              |           | insufficient for irrigation.      |
|             |            |                 |              |           | "Red beds" at 254 feet. See log.  |
| 166         | 83.4       | đ.o .           | None         | N         | Drilled for irrigation. Pump      |
|             |            |                 |              |           | not yet set.                      |
| 167         | 85.3       | Aug. 9, 1946    | T,G,         | Irr       | Measured yield 347 gallons a      |
|             | 84.1       | Aug. 28, 1946   | 125          |           | minute.                           |
| 168         | 87.2       | June 18, 1946   | T,G,         | Irr       | Casing: 150 feet of 18-inch       |
|             | 91.8       | June 26, 1946   | 120          |           | Pump set at 114 feet. Drawdown    |
|             | 97.2       | Aug. 28, 1946   |              |           | 8.5 feet, when bumping 700        |
|             |            |                 |              |           | gallons a minute. See log.        |
| 169         | 106.3      | Aug. 28, 1946   | <b>T</b> .G. | Irr       | Irrigating 216 acres of alfalfa,  |
| -           |            |                 | 120          |           | sorghum, wheat and grass in       |
|             |            |                 |              |           | 1946. Reported vield 800 gallons  |
|             |            |                 |              |           | a minute. "Red beds" at 208       |
| 170         | 91.3       | Mar. 18, 1946   | T.G.         | Irr       | Casing: 155 feet of 16- i feet.   |
|             | 93.1       | June 26, 1946   | 120          |           | inch with 115 feet perforated.    |
|             | 93.3       | July 18, 1946   |              |           | Pump set at 144 feet. Irrigating  |
|             | 96.4       | Aug. 28, 1946   |              |           | 160 acres maise, wheat and row    |
|             | J.C.• 1    |                 |              |           | crong in 1946. Measured drawdown  |
|             |            |                 |              |           | 15 feet ofter numning 800         |
|             |            |                 |              |           | rellong a minute for 24 hours.    |
| 171         | OR LI      | Aug 28 1946     | ΨC           | Trr       | Casing 1114 feet of See log.      |
| +1-         |            | Aug. 20, 1940   | 125          |           | Mainch Pump set at 100 feet.      |
| -           |            |                 | 12)          |           | Estimated vield 800 callons a     |
| 172         | QX F       | July 22 1946    |              | Trr       | Cased 160 feet to iminute.        |
|             | 100.4      | Aug. 28, 1946   | 140          |           | bottom. Pump set at 144 feet.     |
|             |            | Mug. 20, 1910   | 1 1.0        |           | Irrigated 180 acres sorghum and   |
|             |            |                 |              |           | nrairie grace Benorted vield      |
|             |            |                 |              |           | X00 gallong a minute. See log.    |
| 173         |            |                 | TT C         | Trr       | Casing: 243 feet of 12-inch.      |
| -15         |            |                 | 45, U,       |           | with 179 feet nerforated. Pump    |
|             |            |                 | ))           |           | set at 130 feet. Reported vield   |
|             |            |                 |              |           | 800 av 190 1000, noportoa yrora   |
| <u>-174</u> | 102.5      | A119 28 1946    | TT C         | Trr       | Casing 228 feet of 16-inch.       |
|             | -02.       | 1 Inde 20, 1940 | 1 + + C +    |           | Pump set at 134 feet Benorted     |
|             | 1          |                 |              |           | viold 800 mallons a minute See    |
| 175         | 108.3      | June 26 1046    | TT C         | Trr       | Caring: 210 feet of 16-           |
| -12         | 1 200.)    | 5 une 20, 1940  | 105          | ***       | inch Purp cet at 120 feet         |
|             |            |                 | 12)          |           | Mongurod drawdown 38 foet Then    |
|             |            |                 |              |           | newsured drasdown jo reco, onen   |
| 201         | 05 7       | Aug 27 1016     | Mono         | ٦T        | Drillod 21 inch hole to 210       |
|             | J. J.      | Aug. 21, 1940   | 1:0110       | ΤΛ        | foot Q inch hole to 271 feet      |
|             |            |                 |              |           | Dump not not got #Pod hode"       |
| 202         | 11720      |                 | 100          | Ð         | Cacing 110 foot at 271 foot       |
| <u>-</u> VC | · ·····    |                 | U,型,         | <u>۲</u>  | of 12 inch Departed riald 10      |
| 217         | 1160       | Ann 27 1016     | <u>- 2</u>   |           | Oraing 200 : collong o minuto     |
| 203         | 1 11002    | : AUG. C1: 1940 | 1,14,<br>7   | E I       | foot of 16 inch 20 foot of 2      |
|             | 1          | 4               | 1 2          | •         | inch Departed wield EO collers    |
|             | <b>i</b> . |                 | •            |           | a minute libed hed at 200 feet    |
|             |            |                 |              |           | a minute. "Red Deus" at 200 1001c |

|      | Reco                                      | rds of wells and spi                  | rings in Briscoe C   | ounty                       | -Contin                      | ued                                  |   |
|------|---|---------------------------------------|--|-----------------------------|------------------------------|--------------------------------------|---|
| Well | Distance<br>from<br>Silvertson            | Owner                                 | Driller  | Date<br>com-<br>ple-<br>ted | Depth<br>of<br>well<br>(ft.) | Diam-<br>eter<br>of<br>well<br>(in.) | Height of<br>measuring<br>point<br>above<br>ground<br>(ft.) a/  |
| 204  | 1 mile<br>southeast                       | City of Silverton,<br>City well no. 2 | Leo McDade   | 1933                        | 202                          | 9                                    |   |
| 205  | ž mile<br>southeast                       | City of Silverton                     | J. F. Davis  | 1946                        | 200                          | <u>14</u>                            | 1.0   |
| 206  | 4 <u>1</u> miles<br>east                  | L. A. McJimsey                        | do.  | 1945                        | 190                          | 21                                   | 1.0   |
| 207  | 10 <u>2</u> miles<br>east                 | Boy Scouts of<br>Silverton            | na da para para da da fanga a sa parta da sa da para da<br>Encia man |                             | Spring                       | <b>;</b>                             |   |
| 208  | 5 miles<br>southeast                      | R. J. Donnell                         | J. F. Davis  | 1946                        | 210                          | 21                                   | 1   |
| 209  | 22 miles<br>southeast                     | Tony Burson                           | do.  | 1945                        | 226                          | 9                                    |   |
| 210  | lž miles<br>southeast                     | do.                                   | đo.  | 1945                        | 190                          | 21                                   | 1.0   |
| 211  | do.                                       | True Burson                           | do.  | 1945                        | 200                          | 9                                    |   |
| 212  | l <u>‡</u> miles<br>southwest             | Johnny Lanham                         | do.  | 1945                        | 185                          | 21                                   | 1.0   |
| 213  | 3 miles<br>southwest                      | Joe C'Neal                            | Jce O'Neal   | 1945                        | 200 <u>+</u>                 | 21                                   | and and   |
| 214  | $2\frac{1}{4}$ miles<br>southeast         | True Burson                           | J. F. Davis  | 1944                        | 210                          | 21                                   | 0.5   |
| 215  | $2\frac{1}{2}$ miles southeast            | do.                                   | do.  | 1938                        | 200                          | 20                                   | 0.4   |
| 216  | 25 miles<br>southeast                     | do.                                   | do.  | 1945                        | 217                          | 21                                   | 0.9   |
| 217  | 3± miles<br>southeast                     | Bvell Hill                            | Ed Davis   | 1946                        | 214                          | 21                                   | 1.5   |
| 218  | 4 miles                                   | Mrs, Nora Skaggs                      | do.  | 1946                        |                              |                                      | and and a second se  |
| 219  | $\frac{3\frac{1}{2}}{3\frac{1}{2}}$ miles | Ed Thitfill                           | J. F. Davis  | 1946                        | 219                          | 21                                   | <del>المنظورية (من معلوم معروم المعروف المعرف).<br/>المعاركة المعاركة (معاركة المعاركة (معاركة المعاركة (معاركة المعاركة (معاركة المعاركة (معاركة المعاركة (معاركة<br/>المعاركة (معاركة المعاركة (معاركة (معارك</del> |
| 220  | 3 <sup>2</sup> / <sub>2</sub> miles       | do.                                   | do.  | 1.944                       | 210                          | 21                                   | 1   |
| 221  | 42 miles                                  | Mrs. Ola Mills                        |  | 1946                        |                              |                                      |   |
| 2.22 | 6 miles<br>southwest                      | D. H. Davis                           | J. F. Davis  | 1938                        | 255                          | 20 <b>-</b><br>9                     | 0.5   |

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|                  | WATER          | LEVEL                  | 1            | ,<br>, |                                     |
|------------------|----------------|------------------------|--------------|--------|-------------------------------------|
| Well             | Below          | Date of                | Method       | Use    | Remarks                             |
|                  | land           | measurement            | of           | of     |                                     |
|                  | surface        |                        | lift         | water  |                                     |
|                  | (ft.)          |                        | Ъ/           | c/     |                                     |
|                  |                |                        |              |        |                                     |
| 204              | <u>d</u> /110  |                        | T,E,         | P      | Reported yield 70 gallons a         |
|                  |                |                        | 15           |        | minute.                             |
| 205              | 106.6          | Sept. 5, 1946          | None         | N      | Casing 168 feet of 14-inch, with    |
| 1                |                |                        |              |        | 80 feet perforated. Drilled for     |
| ]                |                |                        |              |        | public supply; shot and aband-      |
|                  |                |                        | +            |        | oned. "Red beds" at 200 feet.       |
| 200              | 130.9          | July 8, 1946           | T,G          | irr    | Reported drawdown of 39 feet.       |
|                  |                |                        |              |        | Pumping on estimated 550 gallons    |
| 201              |                |                        | FLOWS        |        | Demmed for use as ja minute.        |
|                  |                |                        |              |        | swimming pool. Reported yield       |
| 208              | 170 7          | Sont E 1016            |              | Tanka  | Depented dependence 170m many       |
| 200              | 1920)          | Sept. 7, 1940          | 1,6,         | TLL    | Reported drawdown 27 feet seeps.    |
| 200              | a/110          | _                      | 1 IZU        | λŢ     | Dumping 200 garrons a minute.       |
| 209              | <u>u</u> / ±±0 |                        | None         | 1.6    | halo "Pod beda" at 226 feat         |
| 210              | 108 5          | Sent 5 1946            | None         | NT     | Reported wield 250 Hole filled      |
| 270              | 100.9          | <b>3</b> 62 0. 9, 1940 | MOILE        | τ.,    | to 300 callong a minute con-        |
|                  |                |                        |              |        | sidered insufficient for irrig      |
|                  |                |                        |              |        | ation "Red heds" at 180 feet.       |
| 211              | d/ 91          |                        | None         | N      | Test hole. Reported vield 200       |
| <u> </u>         | <u> </u>       |                        | 110110       | 1      | sallons a minute. considered        |
|                  |                |                        |              |        | insufficient for irrigation.        |
| 212              | 85.5           | Aug. 27. 1946          | None         | N      | l'easured "Red beds" at 200 feet.   |
|                  |                |                        |              |        | vield 99 gallons a minute in        |
|                  |                |                        |              |        | March. 1946. considered insuffi-    |
|                  |                |                        |              |        | cient for irrigation.               |
| 213              | d/ 95          |                        | None         | N      | Reported vield 400 gallons a        |
| -                |                |                        |              |        | minute, considered insufficient     |
| 214              | 90.6           | Sept. 6, 1946          | None         | N      | Reported yield, for irrigation.     |
|                  | -              |                        |              |        | 200 gallons a minute, considor-     |
|                  |                |                        |              |        | ed insufficient for irrigation.     |
| 215              | 91.6           | do.                    | C -          | N      | Drilled for "Red beds" at 210 feet. |
|                  |                |                        |              |        | irrigation Well. Estimated yield    |
|                  |                |                        | _            |        | 200 gallons a minute. "Red beds"    |
| 216              | 96.9           | July 8, 1946           | T.G.         | Irr    | Well shot and im- at 200 feet.      |
|                  | 99.7           | Scpt.6, 1946           | 120          |        | proved some. Pump set at 130        |
|                  |                |                        |              |        | feet. Measured drawdown 55 feet     |
|                  |                |                        |              | 1      | when pumping 450 gallons a min-     |
|                  |                |                        |              |        | ute. "Red beds" at 217 feet.        |
| 211              | 107.3          | Sept. 6, 1946          | None         | N      | Drilled for irrigation well.        |
| 7 0              |                |                        |              |        | Pump not yet set. "Red beds" ht     |
| 210              |                | 648                    | None         | N      | Drilled for irriga- 214 feet,       |
|                  | 1/105          |                        | None         |        | Tion when Visited.                  |
| 217              | <u>u</u> /105  |                        | Rone         | IN .   | Pump not yet set. "Red beas"        |
| 220              | 1 110 1        | Sont 6 10/6            | m a          | Turn   | Dum act at 150 fact Depended        |
| 220              | 1 1.10.1       | 5000. 0, 1940          | 07           | 1rr    | rump set at 150 reet. Reported      |
| 221              | ·····          |                        | 1 <u>9</u> 2 | N      | Drilled for invigetion when         |
| <u>د.</u> ک      |                |                        | , wone       | TN II  | wigited                             |
| - 222            | 84.7           | Sept. 11, 1016         | Toro         | N      | I milled 20 inch hole to 200 feet   |
| ** \$***         | ~ • •          | U~P V + + +            | : -:0110     |        | 9-inch to 255 feet. Rormerly        |
|                  |                |                        | •            |        | used by Highway Department. Re-     |
|                  | Number 1       |                        | 1<br>1       | 1      | ported vield 150 mallong a min-     |
|                  |                | •                      |              | 1      | iute. "Red bods" at 200 feet.       |
| Name Institution |                |                        |              |        |                                     |

Records of wells and springs in Briscoe County--Continued

|      | τ.                                  |                                       |               |       |             |        | Height of                               |
|------|-------------------------------------|---------------------------------------|---------------|-------|-------------|--------|---|
| Well | Distance                            | Ownor                                 | Driller       | Date  | Depth       | Diam-  | measuring                               |
|      | from                                |                                       |               | com-  | of          | eter   | point                                   |
|      | Silverton                           | 1                                     |               | ple-  | well        | of     | above                                   |
|      |                                     |                                       |               | ted   | (ft.)       | well   | ground                                  |
|      |                                     |                                       |               |       |             | (in.)  | (ft.) <u>a</u> /                        |
| 223  | 6 <sup>1</sup> / <sub>2</sub> miles | D. H. Davis                           | J. F. Davis   | 1938  | 200         | 20     |   |
|      | southwest                           |                                       |               |       |             |        |   |
| 224  | 61 miles                            | W. A. Stephens                        | do.           | 1945  | 214         | 21     |   |
| 005  | south                               |                                       |               | 300   | 000         |        |   |
| 225  | / miles                             |                                       | d0,           | 1944  | 202         | 15     | Ŧ                                       |
|      | South                               |                                       |               |       |             |        |   |
|      |                                     |                                       |               |       |             |        |   |
|      |                                     |                                       |               |       | [<br>       |        |   |
| 226  | 8 miles                             | Jim Whiteley                          | do.           | 1946  | 169         | 21     | 1                                       |
|      | southwest                           |                                       |               |       |             |        |   |
| 227  | 81 miles                            | W. W. Douglass                        | do.           | 1946  | 219         | 16     | 1,2                                     |
|      | southwest                           |                                       |               |       |             |        |   |
|      |                                     |                                       |               |       |             |        |   |
|      |                                     |                                       |               |       |             |        |   |
| 228  | Q1 milea                            | A T. Davennort                        |               | 17016 | 200         |        |   |
| 220  | south                               | A. D. Davenport                       | u0.           | 1940  | 200         | - C-1  |   |
| 229  | do.                                 | Frederick Montague                    | Phillips      | 1942  | 8200        | 13-3/  | B                                       |
|      |                                     | Est.                                  | Petrcleum Co. | -     |             | 8-5/   | 8                                       |
| 230  | 84 miles                            | Jack Montague                         |               |       | 166         | 21     | 0                                       |
|      | southeast                           |                                       |               |       |             |        |   |
| 231  | b <sup>#</sup> miles                | Mrs. Nettie McGavock                  | J. F. Davis   | 1943  | 1 219       | 20     | 0                                       |
| 232  | Li miles                            | Jack E. Skagge                        | Francis       | 1945  | 210         | 21     | 1                                       |
|      | southeast                           |                                       | 11011010      |       |             |        | -                                       |
| 233  | 4 <sup>±</sup> miles                | do.                                   | Ed Davis      | 1946  | 210         | 21     | 1                                       |
|      | southeast                           |                                       |               |       | i           |        |   |
| 234  | 5 miles                             | Joe Mercer                            | J. F. Davis   | 1945  | 210         | 21     | 2                                       |
|      | southeast                           |                                       |               |       | 5<br>5<br>5 |        |   |
|      |                                     |                                       |               |       |             |        |   |
| 235  | do.                                 | do.                                   | Ed Davis      | 1946  | 210         | 21     | <u>.</u>                                |
|      |                                     |                                       |               |       | 7           |        |   |
| 236  | 5코 miles                            | J. W. Monroe                          | J. F. Davis   | 1946  | 200         | 9      |   |
|      | southeast                           |                                       |               |       | i           |        |   |
|      |                                     |                                       |               |       |             |        |   |
| 237  | do.                                 | do -                                  | do.           | 1946  | 200         | 27     | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ |
|      |                                     |                                       |               |       |             |        | L                                       |
|      |                                     |                                       |               |       | ĺ           | *      |   |
| 238  | 6 miles                             | do.                                   | do.           | 1945  | 278         | 9      |   |
|      | southeast                           |                                       |               |       |             |        |   |
|      |                                     |                                       |               |       | ;           |        |   |
|      |                                     |                                       |               | 1     |             |        |   |
| 239  | do.                                 | do.                                   | do .          | 1945  | : 226       | 9      |   |
|      |                                     |                                       |               |       | 2           |        | 8<br>8<br>1                             |
|      | :                                   | • • • • • • • • • • • • • • • • • • • |               | ł     | 1           | 1<br>2 | ł                                       |
|      |                                     | :                                     |               |       |             | ŧ      | 1                                       |

| Well       Delcw       Date of<br>massurement       Method, Use<br>of<br>of<br>1kft mater       Remarks         223       d/80        None       N       Negorial visit 150 cellons a<br>minute, considered insufficient<br>for irrigation.         224         None       N       Definite 200 feet, Hole filled.         225       77.2       Aug. 29, 1945       None       N       Definite 200 feet, Hole filled.         226       71.2       Aug. 28, 1946       T.       Casing 190 feet of 15-inch,<br>100 feet performed. Housaired<br>drawdown 115, 4 feet on August<br>15, 1946, after pumping 166         226       71.2       Aug. 28, 1946       T.       F.       Irr       Pump set at 150 feet, Relianted<br>drawdown 170 feet of 15-inch,<br>16-inch, Pump set at 160 feet, Irri-<br>castion; 140 feet of 12 feeton<br>mater of reliante for 12 feeton<br>mater of reliante<br>mater of reliante for 12 feeton<br>mater of reliante<br>mater o   |          | WATER   | LEVEL   | ]          | 1             |  |
|---|----------|---------|---|------------|---------------|--|
| land         measurement         of         of           223         6/80          None         N         Reported yield 150 callons a           224          None         N         Reported yield 150 callons a           224           None         N         Derll-         200 feet. Hole filled.           225         77.2         Aug. 29, 1946         None         N         Casing: 190 feet. Role filled.           226         71.2         Aug. 28, 1946         T-         Irr         Fung set at 150 feet. Relimited           226         71.2         Aug. 28, 1946         T-         Irr         Fung set at 150 feet. Relimited           227         78.8         July 18, 1946         T. G         Irr         Ocaling: 140 feet of 12 hours.           228         -         -         None         N         Figure 116.3, 1946, after pumping           228         -         -         -         -         -         restial loc.           229         -         -         -         -         -         -           228         -         -         -         -         -         -           229         -         <  | Well     | Below   | Date of   | Method     | Use :         | Remarks  |
| surface<br>(2t.)<br>223 d/80<br>80me N Beported yield 150 callons a<br>minute, considered insufficient<br>for irrigation. "Red bods" at<br>224<br>225 77.2 Aug. 29, 1946 None N Drill- 200 feet. Bole filled.<br>226 77.2 Aug. 29, 1946 T-<br>227 77.2 Aug. 29, 1946 T-<br>226 71.2 Aug. 28, 1946 T-<br>227 75.3 June 26, 1946 T-<br>227 75.3 June 26, 1946 T-<br>227 75.4 Aug. 28, 1946 T-<br>227 75.4 Aug. 28, 1946 T-<br>227 75.4 Aug. 28, 1946 T-<br>228 -<br>228 -<br>228 -<br>228 -<br>229 -<br>229 -<br>229 -<br>229 -<br>220 112 Aug. 29, 1946 None N Drillo for for tri-<br>229 -<br>220 112 Aug. 29, 1946 T-<br>230 112 Aug. 29, 1946 None N Drillod for irrigation wolf<br>230 112 Aug. 29, 1946 None N Insufficient for 1 rri-<br>231 50.9 Sopt. 5, 1946 None N Insufficient mater for irri-<br>231 10.7 Sopt.11, 1946 None N Insufficient mater for irri-<br>231 10.7 Sopt.11, 1946 None N Insufficient mater for irri-<br>231 10.7 Sopt.11, 1946 None N Insufficient mater for irri-<br>231 10.7 Sopt.11, 1946 None N Insufficient mater for irri-<br>231 10.7 Sopt.11, 1946 None N Insufficient mater for irri-<br>231 10.7 Sopt.11, 1946 None N Insufficient mater for irri-<br>231 10.7 Sopt.11, 1946 None N Insufficient mater for irri-<br>231 10.7 Sopt.11, 1946 None N Insufficient mater for irri-<br>235 102.3 Sopt. 5, 1946 None N Insufficient mater for irri-<br>235 102.3 Sopt. 5, 1946 None N Drill- Lute for soveral hours,<br>236<br>237 None N Trill- Lute for soveral hours,<br>236<br>237 None N Tort Hole. Soverad yield 300<br>238<br>238<br>239<br>239<br>239 None N Tort Hole. Soverad yield 300<br>239<br>239<br>230 None N Tort Hole. Soverad yield 300<br>239<br>239<br>230 None N Tort Head holes at 200 foot. None<br>N Tort hole. Reported yield 300<br>239<br>239<br>230 None N Tort hole. Soverad yield 300<br>239<br>230 None N Tort hole. Soverad yield 300<br>239<br>230 None N Tort hole. Soverad yield 300<br>239<br>230<br>230 None N Tort hole. Soverad yield 300<br>230<br>230<br>230 None | ļ        | land    | measurement   | of         | of            |  |
| (ft.)     b/     g/       223     6/80      None     N       224      None     N     Reported yield 150 gallons a minute, considered insufficient for irrigation.       224       None     N     Drill     200 feet. Hole filled.       225     77.2     Aug. 29, 1946     None     N     Casing: 190 feet of 15-inch.       226     71.2     Aug. 28, 1946     T-     Irr     Fump set at 150 feet. Exclosing the filled of allons a minute, considered insufficient for irri-i-gation.       227     78.8     June 26, 1946     T-     Irr     Casing: 140 feet of irrigation was a single of irrigation.       228     -     -     None     N       229     -     -     -     Oll toot. See is a 140 feet.       230     112     Aug. 29, 1946     None     N     Insufficient water for irrigation.       231     10.7     Sept. 5, 1946     None     N <td< td=""><td></td><td>surface</td><td></td><td>lift</td><td>water</td><td></td></td<>  |          | surface |   | lift       | water         |  |
| 223     4/80      None     <   |          | (ft.)   |   | <u>b</u> / |               |  |
| 223 <u>A</u> /80      Nome     Nome     Nome     Perorted yield 150 callons a minute, considered insufficient for irrigation.       224       Nome     Nome     Nome     Drill     200 feet, Hole filled.       225     77.2     Aug. 29, 1946     Nome     Nome     Nome     Casing: 190 feet of 15-inch.       226     77.2     Aug. 28, 1946     T.     Fr     Fum pertod framework       226     71.2     Aug. 28, 1946     T.     Fr     Pum pertod framework       227     78.3     June 26, 1946     T.G     Irr     Casing: 140 feet of fours.       227     78.3     June 26, 1946     T.G     Irr     Casing: 140 feet of fours.       227     78.3     June 26, 1946     T.G     Irr     Casing: 140 feet of fours.       227     78.3     June 26, 1946     T.G     Irr     Casing: 140 feet of fours.       228     July 16, 1946     T.G     Irr     Casing: 140 feet of fours.     Pace bace       228       Oil tost. See lat 145 feet.     Pace bace       229       Oil tost. See lat 145 feet.     Pace bace       230     112     Aug. 29, 1946     Nome     N     Insufficiont rator for irristagation.       23   |          |         |   | -          |               |  |
| minute, considered insufficient<br>for trigation.     "Red bods" at<br>at for irrigation.       225     77.2     Aug. 29, 1946     None     None     Caling 190 feet of 15-inch,<br>100 gallons a ninute for 6 hours.       226     71.2     Aug. 28, 1946     T-     Irr     Pump set at 150 feet, Egtimated<br>yield 400 gallons a ninute, for 6 hours.       227     78.3     June 26, 1946     T-     If     Gaine: 140 feet of 12 hours.       78.4     July 18, 1946     T-     If     Gaine: 140 feet of 12 hours.       78.5     June 26, 1946     T-     If     If       78.5     June 28, 1946     None     N     Drilled for for irrigation well;<br>abandond and filled, "Red beds       228      -     None     N     Drilled for irrigation well;<br>abandond and filled, "Red beds       229      -     -     -     -     -       231     30.9     Sopt. 6, 1946     None     N     Insufficient water for irri-<br>gation.       231     30.9     Sopt. 5, 1946     None     N     Trull upt of socoral hours.<br>ed for irrigation.       233     110.7     May 14, 1946     T, C     Irr     Pump not yot sot.<br>ed for irrigation.    <   | 223      | d/80    |   | None       | N             | Reported yield 150 gallons a                               |
| 224          None         For irrigation.         "Bode Bead" at<br>File 200 feet. Role filled.           225         77.2         Aug. 29, 1946         None         None         Casing: 190 feet. Role filled.           226         77.2         Aug. 29, 1946         None         None         None         None           226         77.2         Aug. 28, 1946         T.         IC         Second Andread           226         71.2         Aug. 28, 1946         T.         Irr         Pump set at 150 feet. Retinated<br>yield 400 gallons a minute for 6 hours.<br>ostdered insufficient for irri-<br>datered insufficient for irri-<br>datered insufficient for irri-<br>datered insufficient for irri-<br>abanced rawdom 70 feet on<br>August 16, 1946, after pumping<br>400 grallons a minute for 12 hours.<br>The bode and filled.           228         -         -         None         N Drilled for irrigation well;<br>abanched and filled.         The bode<br>and filled.           228         -         -         -         -         -         -           229         -         -         -         -         -         -           230         112         Aug. 29, 1946         None         N Insufficient rater for irri-<br>gation.         -           231         50.9         Sept. 5, 1946         None         N Insufficient rater for irri-<br>gation. <t< td=""><td></td><td></td><td></td><td></td><td>1</td><td>minute, considered insufficient</td></t<>   |          |         |   |            | 1             | minute, considered insufficient                            |
| 224      None     None     None     Drill     200 feet, Eale filled.       225     77.2     Aug. 29, 1946     None     None     None     Casing: 190 feet of 15-inch.       225     77.2     Aug. 28, 1946     None     None     None     None       226     71.2     Aug. 28, 1946     T.     France     France     Science       226     71.2     Aug. 28, 1946     T.     France     France     Science       227     78.3     June 26, 1946     T.     France     Irr     Pump set at 150 feet, Eglimated yield 400 callons a minute, convisionance, convisionance, and the science       227     78.3     June 28, 1946     T.     France     None     Irr       228       None     None     None and the science     Science       228       None     None     None     None     None       229        Cil tost, See     lat 145 feet.       230     112     Aug. 29, 1946     None     None     None     None       231     50.9     Sopt. 6, 1946     T. 6, Irr     Irr     Moasured framor 20 feet, list.       233     110.7     Expt.11, 1946     T. 6, Irr     Irr <td></td> <td></td> <td></td> <td></td> <td>,<br/>1</td> <td>for irrigation. "Red beds" at</td>  |          |         |   |            | ,<br>1        | for irrigation. "Red beds" at                              |
| 225     77.2     Aug. 29, 1946     None     None<   | 224      |         | <b></b>   | None       | N             | Drill- 200 feet. Hole filled.                              |
| 225     77.2     Aug. 29, 1946     None     None<   | •        |         |   |            | 1             | ed for irrigation.   |
| 100 feet perforated. Kessured       226     71.2     Aug. 28, 1946     T-     Irr Fump set at 150 feet. Estimated       227     78.8     June 25, 1946     T-     Irr Fump set at 150 feet. Estimated       227     78.8     June 25, 1946     T.G     Irr Casing: 140 feet of pert. Estimated       78.2     July 18, 1946     T.G     Irr Casing: 140 feet of pert. Estimated       78.2     July 18, 1946     T.G     Irr Casing: 140 feet of pert. Estimated       78.3     Aug. 28, 1946     T.G     Irr Casing: 140 feet of pert. Estimated       78.4     July 18, 1946     T.G     Irr Casing: 140 feet of pert. Estimated       78.5     Aug. 28, 1946     T.G     Irr Casing: 140 feet of pert. Estimated       78.6     Aug. 28, 1946     T.G     Irr Weasured drandom of 12 hours.       228      None     N Drilled for Irrightion well:       230     112     Aug. 29, 1946     None     N Insufficient water for irrightion.       231     50.9     Sopt. 6, 1946     None     N Insufficient water for irrightion.       232     111.9     July 8, 1946     T.G.     Irr Measured drandom 20 feet.       234     101.7     Sopt. 1, 1946     None     N Insufficient For Irrightion.       234     102.7     Sopt. 5, 1946     None     N Tost  | 225      | 77.2    | Aug. 29, 1946   | None       | N             | Casing: 190 feet of 15-inch,                               |
| 226     71.2     Aug. 28, 1946     T-     Tr     Furp set at 150 feet. Estimated yield 400 callons a minute for 6 hours.       227     78.8     June 25, 1946     T-     Tr     Furp set at 150 feet. Estimated yield 400 callons a minute, considered insufficient for irri-       227     78.8     June 25, 1946     T.G     Tr     Casing: 140 feet of issting: 140   |          |         |   | <b>{</b>   |               | 100 feet perforated. Measured                              |
| 226     71.2     Aug. 28, 1946     T-     Irr     Fump set at 150 feet. Eglinated yield 400 gallons a minute for 6 hours.       227     78.3     June 26, 1946     T.G     Irr     Casing: 140 feet of gation.       78.2     July 18, 1946     T.G     Irr     Casing: 140 feet of gation.     gations a minute, con-august 16, 1946, after pumping 166       78.2     July 18, 1946     T.G     Irr     Casing: 140 feet of gation.     gation.       78.3     June 26, 1946     T.G     Irr     Casing: 140 feet of gation.     gation.       78.4     July 18, 1946     None     N     Drilled for irrigation well; abandoned and filled.     "Beaburd from sation.       228       None     N     Drilled for irrigation well; abandoned and filled.     "Beaburd from sation.       230     112     Aug. 29, 1946     None     N     Insufficient water for irri-gation.       231     80.9     Sopt. 6, 1946     T.G.     Irr     Maaurod drawdown 20 foet.       231     10.7     Sopt. 1, 1946     T.G.     Irr     Maaurod drawdown 20 foet.       233     10.7     Sopt. 1, 1946     T.G.     Irr     Fump set at 150 foet.     Isot.       234     10.7     Sopt. 1, 1946     None     N     Insufficient water for irrigation.     Isot. <td></td> <td></td> <td></td> <td></td> <td></td> <td>drawdown 115.4 feet on August</td>  |          |         |   |            |               | drawdown 115.4 feet on August                              |
| 226     71.2     Aug. 28, 1946     T-     Irr     Pump set at 150 feet. Rejinated       227     78.8     June 26, 1946     T, G     Irr     Casing: 140 feet of irria.       227     78.8     July 16, 1946     T, G     Irr     Casing: 140 feet of irria.       78.2     July 16, 1946     T, G     Irr     Casing: 140 feet of irria.     Ic-inch. Pump set at 160 feet.       78.8     Aug. 28, 1946     To casing: 140 feet of irria.     Kasured arradown 70 feet on     August 16, 1946, after pumping       228       None     N     Drilled for irria.     Weagured arradown 70 feets on       229        Oil tost. See     Lat 145 feet.       230     112     Aug. 29, 1946     None     N     Insufficient water for irria.       231     80.9     Sopt. 6, 1946     None     N     Insufficient water for irria.       231     10.7     Sopt. 11, 1946     T, G     Irr     Irr     Measured dramdown 20 feet.       115.2     Sept. 1, 1946     T, G     Irr     Fung set at 180 feet.     Let.       103.1     July 8, 1946     T, G     Irr     Fung set at 180 feet.     Let.       104.7     May 14, 1946     T, G     Irr     Fung set at 180 feet.     Let.   |          |         |   |            |               | 15, 1946, after pumping 166                                |
| 226     71.2     Aug. 28, 1946     T-     Irr     Pump set at 150 feet, Estimated<br>yield 400 gallons a minute, con-<br>sidered insufficient for irri-<br>227       78.8     June 26, 1946     T.G     Irr     Casing: 140 feet of<br>12 gation.       78.2     July 18, 1946     Irr     Casing: 140 feet of<br>12 gation.       78.3     Aug. 28, 1946     Irr     Casing: 140 feet of<br>1400 gallons a minute for 12 hours.       228     -     -     None     N       229     -     -     -     Oil test. See     Lat 145 feet.       230     112     Aug. 29, 1946     None     N     Insufficient water for irri-<br>gation.       231     80.9     Sept. 6, 1946     None     N     Insufficient water for irri-<br>gation.       231     110.7     Sept. 19.1946     Ito     Acasured drawdom 20 feet,<br>115.2     Sept. 5, 1946       110.7     Sept. 19.1946     T.G     Irr     Massured drawdom 20 feet,<br>103.1     July 8, 1946       101.7     Yay 14, 1946     T.G     Irr     Measured drawdom 20 feet,<br>140     Let.       234     101.7     Yay 14, 1946     T.G     Irr     Pump sot at 150 feet.     Let.       103.1     July 8, 1946     T.G     Irr     Fung sot at 150 feet.     Let.       104.2     Sept. 5, 1946     140  |          |         |   |            |               | gallons a minute for 6 hours.                              |
| 227     78.8     June 26. 1946     T.G     Irr     Casing: 140 fest of  | 226      | 71.2    | Aug. 28, 1946   | T-         | Irr           | Pump set at 150 feet. Estimated                            |
| 227     78.8     June 26. 1946     T.G     Irr     Casing: 140 feet of     jation.       78.2     July 18, 1945     Aug. 28. 1946     T.G     Irr     Casing: 140 feet of     jation.       78.8     Aug. 28. 1946     None     N     Incinch. Pump set at 160 feet.     Measured drawdown 70 feet on       78.8     Aug. 28. 1946     None     N     Drilled for irrigation well;       228     -     -     None     N     Drilled for irrigation well;       229     -     -     -     Cil tost. See     jat 145 feet.       230     112     Aug. 29, 1946     None     N     Insufficient water for irri-       231     S0.9     Sopt. 6, 1946     None     N     Insufficient for ierri-       232     111.9     July 8, 1946     T.C.     Irr     Measured drawdom 20 feet.       233     110.7     Sopt. 5, 1946     140     aftor pumping 850 gallons a min-       233     110.7     Sopt. 11, 1946     T.C.     Irr     Pump set at 150 feet.       234     101.7     May 14, 1946     T.G.     Irr     Pump set at 150 feet.     1 set.       105.2     Sept. 5, 1946     140     Measured drawdom 21 feet on     Measured drawdom 21 feet on       102.3     Sopt. 5, 1946  |          |         |   |            |               | yield 400 gallons a minute, con-                           |
| 227       75.8       June 26, 1946       T.G       Irr       Casing: 140 feet of  |          |         |   |            |               | sidered insufficient for irri-                             |
| 78.2       July 18, 1946       Ib-inch. Pump set at 160 feet.         78.3       Aug. 28, 1946       Measured drawdown 70 feet on August 16, 1946, after pumping 400 callons a minute for 12 hours.         228        None       N         229         Oil test. See       14145 feet.         230       112       Aug. 29, 1946       None       N       Insufficient wator for irri-gation         231       80.9       Sopt. 6, 1946       None       N       Insufficient wator for irri-gation.         231       112       Aug. 29, 1946       T. G.       Trr       Measured drawdown 20 feet.         232       111.9       July 8, 1946       T. G.       Trr       Measured drawdown 20 feet.         233       110.7       Sopt. 11, 1946       T. G.       Trr       Measured drawdown 20 feet.         234       100.7       Sopt. 5, 1946       140       Measured drawdown 21 feet on May 14, 1946, after pumping 70 feet.       140.5         235       102.3       Sopt. 5, 1946       None       N       Drilled for irri-gation.       lest.         236        None       N       Drilled for irri-gation.       lest.         236        Nono       N       Teet hole.  | 227      | 78.8    | June 26, 1946   | T,G        | Irr           | Casing: 140 feet of gation:                                |
| 78.8       Aug. 28, 1946       Measured drawdown 70 feet on<br>August 16, 1946, after pumping<br>400 gallons a minute for 12 hours.         228         None       N         229         011 test. See<br>partial log.       12 hours.         230       112       Aug. 29, 1946       None       N       Insufficient water for irri-<br>gation.         231       50.9       Sept. 6, 1946       None       N       Insufficient water for irri-<br>gation.         232       111.9       July 8, 1946       T, C,<br>115.2       Sept. 5, 1946       T, C         233       10.7       Sept. 5, 1946       None       N       Drilled for irrigation.         234       101.7       May 14, 1946       T, G       Irr       Measured drawdown 21 feet on<br>May 14, 1946, after pumping<br>106.2       Sept. 5, 1946         235       102.3       Sept. 5, 1946       140       May 14, 1946, after pumping<br>1,000 gallons a minute for sev-<br>gation.       Pump not yet set.<br>gation.         236         None       N       Test hole. Reported yiold 300<br>gallons a minute, considered<br>insufficient for irrigation.         237       97.4       Sept. 5, 1946       None       N       Test hole. Reported yiold 300<br>gallons a minute, considered<br>insufficient for irrigation.         238   |          | 78.2    | July 18, 1946   |            |               | 16-inch. Pump set at 160 feet.                             |
| August 16, 1946, after pumping       228        229        230     112       231     80.9       232     112       233     112       234     5.9       235     112, 2       236     112, 3       237     97.4       238        239        230     112       Aug. 29, 1946     None       None     N       Insufficient water for irri-       gation.     "Red bods" at 180 foet.       232     111.9       July 8, 1946     None       115.2     Sept. 5, 1946       110.7     Sopt.11, 1945       None     N       Difference     after pumping 50 gallons a min-       234     101.7       Sept. 5, 1946     140       106.2     Sept. 5, 1946       106.3     Sept. 5, 1946       106.4     None       106.5     Sept. 5, 1946       106.7     None       236        237     97.4       Sopt. 5, 1946       None     N       Resorded yield 300       gallons a minute, considered insufficiont for irrigation.       "Red bods   |          | 78.8    | Aug. 28, 1946   |            |               | Measured drawdown 70 feet on                               |
| 228      None     None     None     Drilled for irrigation well;<br>abandoned and filled. "Red beds       229        Oil test. See     lat 145 feet.<br>partial log.       230     112     Aug. 29, 1946     None     N Insufficient water for irri-<br>gation.       231     80.9     Sept. 6, 1946     None     N Insufficient water for irri-<br>gation.       232     111.9     July 8, 1946     T.C.     Trr       233     110.7     Sept. 5, 1946     140     after pumping 850 gallons a min-<br>ed for irrigation. Fump not yet       234     101.7     Sept. 1, 1946     T.G.     Trr     Measured drawdown 20 feet.<br>ed for irrigation. Fump not yet       234     101.7     May 14, 1946     T.G     Irr     Pump set at 150 feet.<br>105.2     Sept. 5, 1946       235     102.3     Sept. 5, 1946     140     Measured drawdown 21 feet on<br>May 14, 1946, after pumping       235     102.3     Sept. 5, 1946     None     N     Drilled for irrigation.       236       None     N     Test hole. Reported yield 300       236      -     None     N     Resorted yield 300     Ifilled.       236      -     None     N     Resorted yield 300     Ifilled.       237  |          |         |   |            |               | August 16, 1946, after pumping                             |
| 228        None       None       None       Drilled for irrigation well;<br>abandoned and filled. "Red beds         230       112       Aug. 29, 1946       None       N       Insufficient water for irri-<br>gation.         231       80.9       Sept. 6, 1946       None       N       Insufficient water for irri-<br>gation.         231       80.9       Sept. 6, 1946       None       N       Insufficient water for irri-<br>gation.         232       111.9       July 8, 1946       T.G.       Irr       Measured drawdown 20 feet,         115.2       Sept. 5, 1946       140       after pumping 850 gallons a min-<br>ed for irrigation. Pump not yet         234       101.7       Kay 14, 1946       T.G.       Irr       Pump set at 150 feet.         105.1       July 8, 1946       T.G.       Irr       Measured drawdown 21 feet on<br>May 14, 1946, after pumping         106.2       Sept. 5, 1946       None       N       Drilled for irri-<br>gation. Pump not yet set.         235       102.3       Sopt. 5, 1946       None       N       Drilled for irrigation.         236        -       None       N       Test hole. Reported yield 300       filled.         237       97.4       Sopt. 5, 1946       None       N       Test h   | <u>,</u> |         |   |            |               | 400 gallons a minute for 12 hours.                         |
| 229        Oil tost. See lat 145 feet.<br>partial log.       230     112     Aug. 29, 1946     None     N     Insufficient water for irri-<br>gation.       231     80.9     Sopt. 6, 1946     None     N     Insufficient water for irri-<br>gation.       232     111.9     July 8, 1946     T.G.     Irr     Measured drawdown 20 feet.<br>after pumping 850 gallons a min-<br>gation.       233     110.7     Sept. 5, 1946     140     None     N       234     101.7     Kay 14, 1946     T.G.     Irr     Pump set at 150 feet.       234     101.7     Kay 14, 1946     T.G.     Irr     Pump set at 150 feet.     1 act.       234     101.7     Kay 14, 1946     T.G.     Irr     Pump set at 150 feet.     1 act.       234     101.7     Kay 14, 1946     T.G.     Irr     Pump set at 150 feet.     1 act.       235     102.3     Sopt. 5, 1946     None     N     Drilled for irri-<br>gation.     Pump not yet set.       236       None     N     Test hole.     Roported yield 300       237     97.4     Sopt. 5, 1946     None     N     Resported yield 300     filled.       237     97.4     Sopt. 5, 1946     None     N     Resported yiel   | 228      |         |   | None       | N             | Drilled for irrigation well;                               |
| 229          Cil test. See       lat 145 feet.         230       112       Aug. 29, 1946       None       N       Insufficient water for irri-gation.         231       80.9       Sept. 6, 1946       None       N       Insufficient water for irri-gation.         232       111.9       July 8, 1946       T.C.       Irr       Measured drawdom 20 feet,         232       111.9       July 8, 1946       T.C.       Irr       Measured drawdom 20 feet,         233       110.7       Sept. 1, 1946       None       N       Drill-lute for several hours.         234       101.7       May 14, 1946       T.C.       Irr       Pump set at 150 feet.       last.         103.1       July 8, 1946       140       Measured drawdom 21 feet on       May 14, 1946, after pumping         106.2       Sept. 5, 1946       140       Measured drawdom 21 feet on       May 14, 1946, after pumping         235       102.3       Sept. 5, 1946       None       N       Drilled for irri-leral hours.         236        -       None       N       Test hole. Reported yield 300         237       97.4       Sept. 5, 1946       None       N       Test letedsds" at 200 feet.  |          |         |   |            |               | abandoned and filled. "Red beds                            |
| 230       112       Aug. 29, 1946       None       None       Insufficient water for irri-<br>gation.         231       80.9       Sept. 6, 1946       None       N       Insufficient water for irri-<br>gation.         232       111.9       July 8, 1946       T.G.       Irr       Measured dramdown 20 foet,<br>aftor pumping 850 gallons a min-<br>gation.         233       110.7       Sept. 5, 1946       140       aftor pumping 850 gallons a min-<br>gation.         234       101.7       May 14, 1946       T.G.       Irr       Fump set at 150 feet.       lest.         103.1       July 8, 1946       140       Irr       Measured dramdown 21 feet on<br>May 14, 1945, after pumping       lest.         235       102.3       Sept. 5, 1946       140       Measured dramdown 21 feet on<br>May 14, 1945, after pumping       lest.         236         None       N       Test hole. Reported yield 300       filled.         237       97.4       Sept. 5, 1946       None       N       Test hole. Reported yield 300       filled.         237       97.4       Sept. 5, 1946       None       N       Red beds" at 200 feet.       Hole         237       97.4       Sept. 5, 1946       None       N       Test hole. Reported yield 300       fil   | 229      |         |   |            |               | Oil test. See lat 145 feet.                                |
| 230       112       Aug. 29, 1946       None       N       Insufficient water for irrigation.         231       50.9       Sept. 6, 1946       None       N       Insufficient water for irrigation.         232       111.9       July 8, 1946       T.G.       Irr       Measured drawdown 20 feet.         233       110.7       Sept. 5, 1946       140       after pumping 550 gallons a min-         233       110.7       Sept. 11, 1946       T.G.       Irr       Pump set at 150 feet.       lset.         234       101.7       May 14, 1946       T.G.       Irr       Fump set at 150 feet.       lset.         105.2       Sept. 5, 1946       140       May 14, 1946, after pumping       lset.       May 14, 1946, after pumping         106.2       Sept. 5, 1946       140       May 14, 1946, after pumping       lset.         235       102.3       Sept. 5, 1946       None       N       Drilled for irri- leral hours.         236        -       None       N       Drilled for irrigation.       "gallons a minute, considered insufficient for irrigation.         237       97.4       Sept. 5, 1946       None       N       Reported yield 300       filled.         238        - <td< td=""><td></td><td></td><td></td><td></td><td></td><td>partial log.</td></td<>   |          |         |   |            |               | partial log.   |
| 231       \$0.9       Sopt. 6, 1946       None       N       Insufficient water for irri-<br>gation. "Red beds" at 180 feet.         232       111.9       July 8, 1946       T.C.       Trr       Measured drawdown 20 feet,<br>after pumping 850 gallons a min-<br>bill-         233       110.7       Sept. 5, 1946       140       after pumping 850 gallons a min-<br>ed for irrigation. Pump not yet         234       101.7       May 14, 1946       T.G.       Trr       Pump set at 150 feet.       lest.         103.1       July 8, 1946       140       Measured drawdown 21 feet on<br>May 14, 1946, after pumping       lest.         235       102.3       Sopt. 5, 1946       None       N       Drilled for irri-<br>gation. Pump not yet set.         236         None       N       Test hole. Reported yield 300<br>gallons a minute, considered<br>insufficient for irrigation.         237       97.4       Sopt. 5, 1946       None       N       Resported yield 300<br>gallons a minute, considered<br>insufficient for irrigation.         236         None       N       Test hole. Reported yield 300<br>gallons a minute, considered<br>insufficient for irrigation.         237       97.4       Sopt. 5, 1946       None       N       Test hole. Reported yield 300<br>gallons a minute, considered<br>insufficient for irrigation.         2   | 230      | 112     | Aug. 29, 1946   | None       | N             | Insufficient water for irri-                               |
| 231       80.9       Sept. 5, 1946       None       None       Number of the second drawdown 20 foet.         232       111.9       July 8, 1946       T.G.       Irr       Measured drawdown 20 foet.         233       110.7       Sept. 5, 1946       140       after pumping 850 gallons a min-         233       110.7       Sept.11, 1946       None       N       Drill- jute for several hours.         234       101.7       May 14, 1946       T.G.       Irr       Pump sot at 150 foet.       1 set.         234       101.7       May 14, 1946       T.G.       Irr       Measured drawdown 21 feet on       1 set.         106.2       Sept. 5, 1946       140       Mone       N       Drilled for irri- jeral hours.         235       102.3       Sept. 5, 1946       None       N       Test hole. Reported yield 300         236         None       N       Test hole. Reported yield 300       filled.         237       97.4       Sept. 5, 1946       None       N       Reported yield 300       filled.         237       97.4       Sept. 5, 1946       None       N       Reported yield 300       filled.         238         None       N   |          |         |   | 1          |               | gation.  |
| 232     111.9     July 8, 1946     T.C.     Irr     Measured drawdown 20 feet,<br>after pumping 550 gallons a min-<br>ed for irrigation. Fump not yet       233     110.7     Sept.11, 1946     None     None     N     Drill-     jute for several hours.<br>ed for irrigation. Fump not yet       234     101.7     May 14, 1946     T.G.     Irr     Pump set at 150 feet.     jset.       103.1     July 8, 1946     T.G.     Irr     Pump set at 150 feet.     jset.       106.2     Sept. 5, 1946     140     Measured drawdown 21 feet on<br>May 14, 1946, after pumping<br>1,000 gallons a minute for sev-       235     102.3     Sept. 5, 1946     None     N     Drilled for irri-     jeral hours.<br>gation. Pump not yet set.       236       None     N     Test hole. Reported yield 300<br>gallons a minute, considered<br>insufficient for irrigation.       237     97.4     Sept. 5, 1946     None     N     Rest Was a minute, considered<br>insufficient for irrigation.       236       None     N     Test     "Red beds" at 200 feet.<br>hole. Reported yield 300 gal-<br>lons a minute, considered<br>insufficient for irrigation.       237     97.4     Sept. 5, 1946     None     N     Test     "Red beds" at 200 feet.<br>hole. Reported yield 300 gal-<br>lons a minute, considered in-<br>sufficient for irrigation.       238     <   | 231      | 80.9    | Sept. 6, 1946   | None       | N             | Insufficient water for irri-                               |
| 232       111.9       July 5, 1946       140       after pumping 350 gallons a min-         233       110.7       Sept. 11, 1946       None       N       Drill- jute for soveral hours.         234       101.7       May 14, 1946       T,G       Irr       Pump set at 150 feet.       1set.         103.1       July 5, 1946       140       Measured drawdown 21 feet on       May 14, 1946       140         235       102.3       Sept. 5, 1946       140       Measured drawdown 21 feet on       May 14, 1946, after pumping         106.2       Sept. 5, 1946       140       Measured drawdown 21 feet on       May 14, 1946, after pumping         236        None       N       Drilled for irri-       leral hours.         236         None       N       Drest hole. Reported yield 300         237       97.4       Sept. 5, 1946       None       N       Reported yield 300       filled.         238         None       N       Test       "Red bods" at 200 feet.       Hole.         238         None       N       Test       "Red bods" at 200 feet.       hole.         239         None       N   | 070      | 317 0   | T.T. 0 TOW  |            | ** 88         | gation. "Red beds" at 180 feet.                            |
| 115.2       Sept. 5, 1946       140       after pumping opd gallons a mini-         233       110.7       Sopt.11, 1946       None       N       Drill- jute for several hours.         234       101.7       May 14, 1946       T, G       Irr       Pump set at 150 feet.       1 set.         103.1       July 8, 1946       140       Measured drawdown 21 feet on       May 14, 1946, after pumping         106.2       Sept. 5, 1946       140       Measured drawdown 21 feet on       May 14, 1946, after pumping         235       102.3       Sept. 5, 1946       None       N       Drilled for irri- leral hours.         236         None       N       Test hole. Reported yield 300         237       97.4       Sept. 5, 1946       None       N       Test hole. considered insufficient for irrigation.         237       97.4       Sept. 5, 1946       None       N       Reported yield 300         238         None       N       Test       "Rod bods" at 200 feet. Hole         238         None       N       Test       "Rod bods" at 200 feet. hole         239         None       N       Test hole. Reported yield 300       gallon  | 232      | 111.9   | July 8, 1940  | 1 T, G,    | Irr           | Measured drawdown 20 feet,                                 |
| 235       110.7       Sept.11, 1946       None       None </td <td>077</td> <td>110 7</td> <td>Sept. 5, 1940</td> <td>1 140</td> <td></td> <td>arter pumping 850 gallons a min-</td>  | 077      | 110 7   | Sept. 5, 1940   | 1 140      |               | arter pumping 850 gallons a min-                           |
| 234     101.7     May 14, 1946     T.G.     Irr     Pump sot at 150 feot.     ! set.       103.1     July 8, 1946     140     Measured drawdown 21 feet on<br>May 14, 1945, after pumping<br>1,000 gallons a minute for sov-       235     102.3     Sopt. 5, 1946     None     N     Drilled for irri-<br>gation. Pump not yet set.       236       None     N     Test hole. Reported yield 300<br>gallons a minute, considered<br>insufficient for irrigation.       237     97.4     Sopt. 5, 1946     None     N     Regetted yield 300<br>gallons a minute, considered<br>insufficient for irrigation.       238       None     N     Test     "Red beds" at 200 feet.<br>hole. Reported yield 300 gal-<br>lons a minute, considered in-<br>sufficient for irrigation.       239       None     N     Test hole. Reported yield 300<br>gallons a minute, considered in-<br>sufficient for irrigation.       239       None     N     Test hole. Reported yield 300<br>gallons a minute, considered in-<br>sufficient for irrigation.  | 200      | TTO     | Sept.11, 1940   | None       | N             | Drill- ute for several nours.                              |
| 234       103.1       July 8, 1946       140       Measured drawdown 21 feet on<br>May 14, 1946, after pumping         106.2       Sept. 5, 1946       None       N       Drilled for irri-<br>gation. Pump not yet set.         235       102.3       Sept. 5, 1946       None       N       Drilled for irri-<br>gation. Pump not yet set.         236         None       N       Test hole. Reported yield 300<br>gallons a minute, considered<br>insufficient for irrigation.         237       97.4       Sept. 5, 1946       None       N       Red beds" at 200 feet. Hole         237       97.4       Sept. 5, 1946       None       N       Reported yield 300         238         None       N       Test l"Red beds" at 200 feet.<br>hole. Reported yield 300 gal-<br>lons a minute, considered in-<br>sufficient for irrigation.         239         None       N       Test hole. Reported yield 300<br>gallons a minute, considered in-<br>sufficient for irrigation. "Red<br>beds" at 218 feet. Hole filled.         239         None       N       Test hole. Reported yield 300<br>gallons a minute, considered<br>insufficient for irrigation. "Red<br>beds" at 218 feet. Hole filled.   |          | 7 101 7 | Morr 11 2016  |            | Tana          | Dump set at 150 foot                                       |
| 105.1       July 5, 1946       140       Measured drawdown 21 feet on<br>May 14, 1946, after pumping<br>1,000 gallons a minute for sev-         235       102.3       Sept. 5, 1946       None       N       Drilled for irri-<br>gation. Pump not yet set.         236         None       N       Test hole. Reported yield 300<br>gallons a minute, considered<br>insufficient for irrigation.         237       97.4       Sept. 5, 1946       None       N       Reported yield 300<br>gallons a minute, considered<br>insufficient for irrigation.         238         None       N       Test 1 "Red bods" at 200 feet.<br>hole, Reported yield 300 gal-<br>lons a minute, considered in-<br>sufficient for irrigation.         239         None       N       Test hole. Reported yield 300<br>gallons a minute, considered in-<br>sufficient for irrigation. "Red<br>beds" at 218 feet. Hole filled.         239         None       N       Test hole. Reported yield 300<br>gallons a minute, considered<br>insufficient for irrigation. "Red<br>beds" at 218 feet. Hole filled.   | 234      | 101.1   | $\begin{array}{c} \text{May}  14,  1940 \\ \hline \\ \hline \\ \hline \\ \hline \\ \hline \\$ |            | 111           | Pump set at 150 feet.                                      |
| 235       102.3       Sept. 5, 1946       None       None       Drilled for irri-       leral hours.         236         None       None       None       Test hole.       Reported yield 300         237       97.4       Sept. 5, 1946       None       None       Neported yield 300       filled,         238         None       None       Neported yield 300       filled,         238         None       Neported yield 300       filled,         239         None       Neported yield 300       gallons a minute, considered insufficient for irrigation.         239         None       Neported yield 300       gallons a minute, considered insufficient for irrigation.         239         None       Neported yield 300       gallons a minute, considered insufficient for irrigation.         239         None       Neported N       Test hole. Reported yield 300         239         None       Neported insufficient for irrigation.       "Red beds" at 218 feet. Hole filled,         239         None       Neported yield 300       gallons a minute, considered insufficient for irri   |          | 105.1   | $S_{00} + E_{10} + C_{10}$  | 140        |               | Measured drawdown 21 leet on<br>More 11 1016 often numping |
| 235       102.3       Sept. 5, 1946       None       N       Drilled for irri-       leral hours.         236         None       N       Test hole. Reported yield 300         236         None       N       Test hole. Reported yield 300         237       97.4       Sept. 5, 1946       None       N       Reported yield 300       filled,         238         None       N       Reported yield 300       filled,         238         None       N       Test       "Red beds" at 200 feet, hole         239         None       N       Test       I "Red beds" at 200 feet, hole, Reported yield 300 gal-         239         None       N       Test       Head beds" at 200 feet, hole, hole, Reported yield 300 gal-         239         None       N       Test hole, Reported yield 300 gal-         239         None       N       Test hole, Reported yield 300 gal-         239         None       N       Test hole, Reported yield 300 gal-         239         None       N       Test hole,   |          | T00.C   | 3600. 9, 1940   |            |               | 1 000 mollong a minuto for gov                             |
| 236         None       N       Drifted for fifther for set.<br>gation. Pump not yet set.         236         None       N       Test hole. Reported yield 300<br>gallons a minute, considered<br>insufficient for irrigation.         237       97.4       Sept. 5, 1946       None       N       Reported yield 300<br>gallons a minute, considered<br>insufficient for irrigation.         238         None       N       Test       "Red beds" at 200 feet.<br>gallons a minute, considered<br>insufficient for irrigation.         238         None       N       Test       "Red beds" at 200 feet.<br>hole, Reported yield 300 gal-<br>lons a minute, considered in-<br>sufficient for irrigation.         239         None       N       Test hole. Reported yield 300<br>gallons a minute, considered in-<br>sufficient for irrigation.         239         None       N       Test hole. Reported yield 300<br>gallons a minute, considered         239         None       N       Test hole. Reported yield 300<br>gallons a minute, considered   | 235      | 702 7   | Somt 5 10/16  | Mono       | N             | Drillod for inni Long hours                                |
| 236        None       None       N       Test hole. Reported yield 300 gallons a minute, considered insufficient for irrigation.         237       97.4       Sept. 5, 1946       None       N       Reported yield 300 feet. Hole         238         None       N       Reported yield 300 feet. Hole         238         None       N       Reported yield 300 gallons a minute, considered insufficient for irrigation.         238         None       N       Test       I "Red beds" at 200 feet. Hole filled.         239         None       N       Test hole. Reported yield 300 gallons a minute, considered insufficient for irrigation. "Red beds" at 218 feet. Hole filled.         239         None       N       Test hole. Reported yield 300 gallons a minute, considered insufficient for irrigation. "Red beds" at 218 feet. Hole filled.         239         None       N       Test hole. Reported yield 300 gallons a minute, considered insufficient for irrigation. "Red beds" at 226 feet. Hole filled.  | ررے      | 102.0   | <b>360000194</b> 0  | MOILG      | IN            | motion Dump not not not                                    |
| 237 97.4 Sept. 5. 1946 None N Reported yield 300 filled.<br>238 None N Test I "Red beds" at 200 feet. Hole<br>239 None N Test L "Red beds" at 200 feet.<br>239 None N Test L "Red beds" at 200 feet.<br>239 None N Test L "Red beds" at 200 feet.<br>239 None N Test Nole. Reported yield 300 gal-<br>lons a minute, considered in-<br>sufficient for irrigation.<br>239 None N Test hole. Reported yield 300<br>gallons a minute, considered in-<br>sufficient for irrigation. "Red<br>beds" at 218 feet. Hole filled.<br>239 None N Test hole. Reported yield 300<br>gallons a minute, considered<br>insufficient for irrigation. "Red<br>beds" at 226 feet. Hole filled.   | 236      |         |   | Nono       | NT            | Most halo Popertod wield 700                               |
| 237       97.4       Sept. 5, 1946       None       N       Reported yield 300       filled.         238         None       N       Reported yield 300       filled.         238         None       N       Test       "Red beds" at 200 feet.         238         None       N       Test       I "Red beds" at 200 feet.         239         None       N       Test       I "Red beds" at 200 feet.         239         None       N       Test hole.       Reported yield 300 gal-         239         None       N       Test hole.       Reported yield 300 gal-         239         None       N       Test hole.       Reported yield 300 gal-         239         None       N       Test hole.       Reported yield 300 gal-         239         None       N       Test hole.       Reported yield 300 gal-         239         None       N       Test hole.       Reported yield 300 gal-         239         None       N       Test  | 200      |         |   | NOILC      | 7/            | rellang a minute considered                                |
| 237       97.4       Sept. 5, 1946       None       N       Reported yield 300       filled,<br>gallons a minute, considered<br>insufficient for irrigation.         238         None       N       Test       "Red beds" at 200 feet.<br>gallons a minute, considered<br>insufficient for irrigation.         238         None       N       Test       "Red beds" at 200 feet.<br>hole, Reported yield 300 gal-<br>lons a minute, considered in-<br>sufficient for irrigation.         239         None       N       Test hole. Reported yield 300<br>gallons a minute, considered<br>insufficient for irrigation.         239         None       N       Test hole. Reported yield 300<br>gallons a minute, considered         239         None       N       Test hole. Reported yield 300<br>gallons a minute, considered   |          |         |   |            |               | insufficient for irrigation                                |
| 237       97.4       Sept. 5, 1946       None       N       Reported yield 300       filled.         gallons a minute, considered       insufficient for irrigation.         238         None       N       Test       "Red beds" at 200 feet.         238         None       N       Test       "Red beds" at 200 feet.         239         None       N       Test hole.       Reported yield 300 gal-         239         None       N       Test hole.       Reported yield 300         239   |          |         |   |            | 1             | IRod hodell at 200 feat Hole                               |
| 238 None N Test   "Red beds" at 200 feet.<br>239 None N Test   "Red beds" at 200 feet.<br>hole. Reported yield 300 gal-<br>lons a minute, considered in-<br>sufficient for irrigation. "Red<br>beds" at 218 feet. Hole filled.<br>239 None N Test hole. Reported yield 300<br>gallons a minute, considered<br>insufficient for irrigation. "Red<br>beds" at 226 feet. Hole filled.  | 237      | 97_1    | Sept. 5. 1946   | Nono       | N             | Reported vield 300 / filled                                |
| 238         None       N       Test       "Red beds" at 200 feet,<br>hole, Reported yield 300 gal-<br>lons a minute, considered in-<br>sufficient for irrigation.         239         None       N       Test hole, Reported yield 300 gal-<br>lons a minute, considered in-<br>sufficient for irrigation.         239        None       N       Test hole, Reported yield 300<br>gallons a minute, considered<br>insufficient for irrigation.         239        None       N       Test hole, Reported yield 300<br>gallons a minute, considered<br>insufficient for irrigation.  | -71      |         |   | 1          | 1 TA          | allong a minuto, considered                                |
| 238         None       N       Test       \"Red beds" at 200 feet.<br>hole, Reported yield 300 gal-<br>lons a minute, considered in-<br>sufficient for irrigation.         239         None       N       Test hole. Reported yield 300<br>gallons a minute, considered<br>insufficient for irrigation.         239        None       N       Test hole. Reported yield 300<br>gallons a minute, considered<br>insufficient for irrigation.         239        None       N       Test hole. Reported yield 300<br>gallons a minute, considered<br>insufficient for irrigation.   |          |         |   |            | 1             | insufficient for irrigation.                               |
| None N Test hole. Reported yield 300 gal-<br>lons a minute, considered in-<br>sufficient for irrigation. "Red<br>beds" at 218 feet. Hole filled,<br>239 None N Test hole. Reported yield 300<br>gallons a minute, considered<br>insufficient for irrigation. "Red<br>beds" at 226 feet. Hole filled.  | 238      |         |   | None       | N             | Test WRed hedew at 200 feet                                |
| 239 None N Test hole. Reported yield 300 gallons a minute, considered in-sufficient for irrigation. "Red beds" at 218 feet. Hole filled, 239 None N Test hole. Reported yield 300 gallons a minute, considered insufficient for irrigation. "Red beds" at 226 feet. Hole filled.  |          |         |   | 1          | <sup>-1</sup> | hole. Reported vield 300 mal-                              |
| 239 None N Test hole. Reported yield 300<br>gallons a minute, considered<br>insufficient for irrigation. "Red<br>beds" at 218 feet. Hole filled.  |          |         |   |            | 1             | lons a minute. considered in-                              |
| Beds" at 218 feet.     Hole filled.       239      None     N       Test hole.     Reported yield 300       gallons a minute, considered       insufficient for irrigation.     "Red       beds" at 226 feet.     Hole filled.  |          |         |   | 1          |               | sufficient for irrigation. "Red                            |
| 239 None N Test hole. Reported yield 300<br>gallons a minute, considered<br>insufficient for irrigation. "Red<br>beds" at 226 feet. Hole filled.  |          | 1       |   |            |               | beds" at 218 feet. Hole filled                             |
| gallons a minute, considered<br>insufficient for irrigation. "Red<br>beds" at 226 feet. Hole filled.  | 239      |         | ······  | None       | N             | Test hole. Reported vield 300                              |
| insufficient for irrigation. "Red<br>beds" at 226 feet. Hole filled.  | - / /    | :       |   | 1.0110     | -             | allons a minute. considered                                |
| beds" at 226 feet. Hole filled.   |          | 1       |   | 4<br>#     | 1             | insufficient for irrigation. "Red                          |
|   |          | 1       |   | ł          | 1             | beds" at 226 feet. Hole filled.                            |

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|      | ***                                | name − − − − − − − − − − − − − − − − − − − | <u></u>     |                             | 1                            | ····                        | Height of                             |
|------|------------------------------------|--|-------------|-----------------------------|------------------------------|-----------------------------|---------------------------------------|
| Well | Distance<br>from<br>Silverton      | Cwner                                      | Driller     | Date<br>com-<br>ple-<br>ted | Depth<br>of<br>well<br>(ft.) | Diam-<br>eter<br>of<br>well | measuring<br>point<br>above<br>ground |
| 1    |                                    |  |             | 000                         | (2007                        | (in.)                       | (ft.) a/                              |
| 240  | 8 miles<br>southeast               | J. M. Lemons                               | J. F. Davis |                             | Spring                       |                             |                                       |
| 241  | do.                                | do.  |             |                             | Spring                       |                             |                                       |
| 242  | 9 miles                            | Fred Lemons                                |             |                             | Spring                       |                             |                                       |
| 243  | 94 miles<br>southeast              | do.  |             |                             | Spring                       |                             |                                       |
| 244  | 10 miles<br>southeast              | T. D. Wallace                              |             |                             | 140                          | 8                           | 0.5                                   |
| 245  | 10 miles<br>southeast              | Mrs. Elmina Davis                          |             |                             | 250                          | 봐                           |                                       |
| 246  | ll miles<br>southeast              | T. D. Wallace                              |             |                             | Spring                       |                             |                                       |
| 2147 | ll± miles<br>southeast             | do.  |             |                             | Spring                       |                             |                                       |
| 248  | 10 <del>,</del> miles<br>southeast |  |             |                             | Spring                       |                             |                                       |
| 249  | 7½ miles<br>southeast              | Mrs. W. A. London                          |             | 1920                        | 180                          | 6                           |                                       |
| 250  | 95 miles<br>southeast              | Clete Miller                               | J. F. Davis | 1925                        | 209                          | <u> 11</u><br>2             |                                       |
| 251  | l6 miles<br>southeast              | City of Quitague                           | Edwards     | 1929                        | 100                          | 14                          | 1.5                                   |
| 252  | do.                                | do.  | do.         | 1929                        | 100                          | 14                          |                                       |

Records of wells and springs in Briscoe County--Continued

a/ Measuring point was usually top of casing, top of pipe clamp, or top of pump base or foundation.

b/.Method of lift: T, turbine; C, cylinder; E, electric; G, gasoline, natural fas, butane or oil engine; W, windmill; Number indicates horsepower,

| 1           | WATER           | LEVEL  | 1                            | } ,          |  |
|-------------|-----------------|--|------------------------------|--------------|--|
| Well        | Below '         | Date of                                      | Method                       | Use          | Remarks  |
|             | land            | measurement                                  | of                           | of           |  |
|             | surface         |  | lift                         | water        |  |
| Ì           | (ft.)           |  | b/                           | c/           |  |
|             |                 |  |                              |              |  |
| 240         |                 |  | Flows                        | S            | Estimated yield 10 gallons a                           |
|             |                 |  |                              |              | minute from many seeps. Spring                         |
|             |                 |  |                              |              | no. 1 in Water-Supply Paper                            |
| 241         |                 |  | Flows                        | S            | Yield measured # mile , 889F.                          |
|             |                 |  |                              |              | down stream 20 gallons a min-                          |
|             |                 |  |                              |              | ute: source, many seeps, Spring                        |
|             |                 |  |                              |              | nc. 2 in Water-Sumaly Paper 889F.                      |
| 242         |                 | ······································       | FLOWS                        | 2            | Reported viold 10 gallons a                            |
|             |                 |  | 11002                        | 5            | minuto from manu agona                                 |
| 2117        |                 |  | TT OT A                      | C            | Do   |
| 24)         | <u></u>         |  | FTOMS                        | S            | DO.  |
| - 2001      | 100 1           | Dec 1 10/6                                   |                              | TO           | 1 the miles west of service of                         |
| 274         |                 | 200+17 1016                                  | C, W                         | 1,5          | Lin miles West of Callyon of                           |
|             | 124.)           | Sept 17, 1940                                |                              |              | Linguist Balls Creek.                                  |
| 242         | <u>a</u> /200   |  | U, W                         | D,5          |  |
| - 315       |                 |  |                              | ~~~~         | The appropriate The The The The The The The The The Th |
| 240         |                 |  | FIOWS                        | 5            | in canyon of Linduise sairs                            |
| 1           |                 |  |                              |              | Creek. Estimated yield 3 gal-                          |
|             |                 |  |                              |              | lons a minute in 1938 from                             |
| [           |                 |  |                              |              | several sceps. Spring no. 4 in                         |
|             |                 |  |                              |              | Mater-Supply Paper 889 F.                              |
| 247         |                 |  | Flows                        | S            | In bottom of canyon at Linquist                        |
|             |                 |  |                              |              | Falls Creck. Measured yield 83                         |
|             |                 |  |                              |              | gallons a minuto in 1938.                              |
| 248         |                 |  | Flows                        | S            | In canyon of Linquist Falls                            |
|             |                 |  |                              |              | Creek. Estimated yield 10 gal-                         |
|             |                 |  |                              |              | lons a minute in 1938, from                            |
|             |                 |  |                              |              | many scops and joints. Spring                          |
|             |                 |  |                              |              | no. 3 in Water-Supply Paper 889F.                      |
| 249         | d/140           |  | C.W                          | D,S          | About 25 miles west of cap rock.                       |
|             |                 |  |                              | _            | •  |
| 250         | d/194           |  | C, W                         | D,S          | Casing: 209 foot of 4=-inch.                           |
| -           | <b>_</b>        |  |                              |              | About 200 yards west of drew                           |
| 251         | 51              |  | T.E.                         | P            | Casing: 100 near cap rock.                             |
| _           | -               |  | 15                           | _            | feet of 14-inch, well gravel-                          |
|             |                 |  |                              |              | walled. Pump set at 90 feet.                           |
|             |                 |  |                              |              | Beported drawdown 20 feet. when                        |
|             |                 |  |                              | l<br>r       | ' numping 200 gallons a minute.                        |
| 252         | d/ 50           | <u>.                                    </u> | <u></u>                      | P            |  |
|             |                 |  | י <b>ביי</b> , וביי, ו<br>וה | i -          | 200  |
| c/ Tm       | ne ineneico + i | on' P public com                             |                              | omosti       | · · · · · · · · · · · · · · · · · · ·                  |
|             | ton lowel ~     | onontod by dations                           |                              | 000501(<br>7 | , b, Suddr., M, Hub USDU.                              |
| <u>n</u> ns | OOL TOAGT L     | oborrod na durites                           | e or owne                    | т.•          |  |

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# Table of drillers' logs, Briscoe County, Texas

|                       |  | Thickness<br>(feet) | Depth<br>(feet) | Th   | ickness<br>(feet) | Depth<br>(feet) |
|-----------------------|--|---------------------|-----------------|--|-------------------|-----------------|
|                       | Well 15, par                           | tial log            | (               | Well 133   |                   |                 |
| C. Adair<br>Silverton | Estate, $14\frac{1}{2}$                | miles north         | of              | Ed Vaughn, $4\frac{3}{4}$ miles southwe Silverton.   | est of            |                 |
| Sand and              | clay                                   | 70                  | 70              | Caliche and rock   | 85                | 85              |
| Gypsum                |  | 4                   | 74              | Water sand   | 75                | 160             |
| Clay and              | gravel                                 | 6                   | 80              | White clay and caliche   | 18                | 178             |
| Gypsum                |  | 56                  | 136             | Red beds   | 22                | 200             |
| Gypsum a:             | nd clay                                | 120                 | 256             |  |                   |                 |
| Sand and              | red beds                               | 50                  | 306             |  |                   |                 |
| Gypsum as             | nd clay                                | 88                  | 394             | Well 134   |                   |                 |
| Hard gyp              | sum                                    | 21                  | 415             | Ed Vaughn, 92 miles southw   | est of S          | Silver-         |
| Gypsum                |  | 81                  | 496             | ton.   |                   |                 |
| Red rock              | and gypsum                             | 374                 | 870             | Caliche and rock   | 85                | 85              |
| Salt                  |  | 18                  | 888             | Water sand   | 65                | 150             |
| Salt and              | gypsum                                 | 42                  | 930             | Caliche and clay   | 48                | 192             |
| Gypsum                |  | 10                  | 940             | Water sand and gravel  | 14                | 213             |
| Salt and              | gypsum                                 | 54                  | 994             | The second s |                   |                 |
| Gypsum                | CIVI                                   | 62                  | 1056            | Well 147   |                   |                 |
| TOTAL DE              | PTH                                    |                     | 4010            |  |                   |                 |
|                       |  |                     |                 | J. W. Read. 11 miles south   | west of           |                 |
|                       |  |                     |                 | Silverton.   |                   |                 |
|                       | Well 21, par                           | tial log            |                 | 1  |                   |                 |
|                       | ······································ | ······              |                 | Caliche, clay, and rock  | 70                | 70              |
| J. C. And             | derson, 12 mi                          | les northwes        | st of           | Water sand   | 25                | 95              |
| Silverto              | n.                                     |                     |                 | Red clay   | 8                 | 103             |
|                       |  |                     | 1               | Water sand   | 43                | 145             |
| Red mud               |  | 50                  | 50              | Caliche, sand and some roc   | k 55              | 200             |
| Red sand              |  | 50                  | 100             | Sand and gravel  | 15                | 215             |
| Gravel                |  | 35                  | 135             |  |                   |                 |
| Yellow m              | uđ                                     | 15                  | 150             | W-11 169   |                   |                 |
| Blue she              | le                                     | 50                  | 200             | Well 102   |                   |                 |
| Lime she              | lls and shale                          | 35                  | 235             | Dr. Conrad Frey, 13 miles  | southwes          | t of            |
| Water sam             | nd                                     | 15 <sub> </sub>     | 250             | Silverton.   |                   |                 |
| Red shale             | e                                      | 40                  | 290             | Soil   | 4                 | 4               |
| Blue shal             | le                                     | 10                  | 300 1           | Yellow clay  | 64                | 68              |
| Water sam             | nd                                     | 105                 | 405             | Caliche  | 17                | 85              |
| Blue sha              | <b>l</b> e                             | 8                   | 413             | Red water sand   | 23                | 105             |
| Sand                  |  | 47                  | 460 j           | Red shale  | 4                 | 112             |
| Red bed               |  | 5                   | 465             | Gray sandy shale   | 38                | 150             |
| Sand                  |  | 15                  | 480             | Hard sand (cap rock)   | 4                 | 154             |
| Red rock              |  | 295                 | 775             | White water sand   | 11                | 165             |
| Chalk                 |  | 15                  | 790             | Sandy shale  | 6                 | 171             |
| Red bed               |  | 5                   | 795             | Soft packsand  | 9                 | 180             |
| Dolomite              |  | 30                  | 825             | Hard packsand  | 15                | 195             |
| Red rock              |  | 75                  | 900 ¦           | Brown sandy shale  | 3                 | 198             |
| Limestone             | Э                                      | 10                  | 910             | Hard sand (cap rock)   | 2                 | 200             |
| Salt                  |  | 40                  | 950             | River bed sand and gravel  | 18                | 218             |
| TOTAL DE              | PTH                                    |                     | 1630 j          | Hard crystallized sand   | 1 !               | 519             |
|                       |  |                     | 1               |  |                   |                 |

|       |    |           |       | -23-    |                 |
|-------|----|-----------|-------|---------|-----------------|
| Table | of | drillers' | logs, | Briscoe | CountyContinued |

| Thi  | ckness<br>feet)   | Depth<br>(feet)  |   | Thickness<br>(feet)  | Depth<br>(feet)   |
|--|---|--|---|--|---|
| <b>Well</b> 165  |   |  | Well 17   | 72   |   |
| W. H. Steel, $9^{\underline{l}}_{\overline{Z}}$ miles southw Silverton.  | est of  | -  | E. Dickerson, $ll_{\overline{Z}}^{\underline{1}}$ miles Silverton.  | southwest o  | f   |
| Top soil<br>Shale and clay<br>Rock<br>Shale<br>Sand<br>Rock<br>Sand and boulders<br>Clay and shale<br>Sand and gravel<br>Red beds  | 5<br>49<br>4<br>6<br>46<br>4<br>28<br>68<br>44<br>2         | 5<br>54<br>58<br>64<br>110<br>114<br>142<br>210<br>254<br>256        | Surface<br>Caliche<br>Sand shale<br>Rock<br>Shale-rock<br>Rock<br>Red clay<br>Water sand<br>Sandy shale<br>Water sand<br>Shale  | 5<br>9<br>36<br>6<br>10<br>3<br>29<br>12<br>38<br>12<br>22           | 5<br>14<br>50<br>56<br>66<br>69<br>98<br>110<br>148<br>160<br>28? |
| Well 168   |   |  | River gravel  | 18   | 200   |
| Dr. Charles E. Wallace, 10 m<br>southwest of Silverton.<br>Surface<br>Cla y-caliche<br>Broken rock<br>Water sand<br>Shale-white rock<br>Water sand<br>Shale and sand<br>Broken sand<br>Shale | iles<br>3<br>25<br>32<br>5<br>23<br>59<br>21<br>26<br>6     | 3<br>28<br>60<br>65<br>88<br>147<br>168<br>194<br>200                | Well 17<br>W. O. Payne, $ll\frac{1}{2}$ miles s<br>Silverton.<br>Top soil<br>Brown clay<br>Shalerock<br>Honey-combed sand and cl<br>streaks<br>Hard sand and clay<br>Sand and gravel, clay<br>streaks | 7 <u>3</u><br>southwest of<br>3<br>77<br>10<br>1ay<br>45<br>55<br>52 | 3<br>80<br>90<br>135<br>190<br>242                                |
| Well 170   |   |  | <u>Well 174</u>   | <u>1</u>   |   |
| A. L. Moyer, $ll_{2}^{\perp}$ miles south Silverton.   | west of   |  | J. V. Nelson, $ll_{\Xi}^{1}$ miles Silverton.   | southwest c  | of  |
| Surface<br>Clay and caliche<br>Broken rock and shale<br>Shale<br>Water sand<br>Rock<br>Shale<br>Water sand<br>Broken sand and shale<br>White rock<br>Water send with hard streaks            | 3<br>22<br>45<br>23<br>17<br>4<br>4<br>19<br>18<br>12<br>53 | 3<br>25<br>70<br>93<br>110<br>114<br>118<br>137<br>155<br>167<br>220 | Undifferentiated and red<br>Sand rock<br>White sand<br>Water sand<br>Caliche rock<br>Water sand<br>White sand<br>Water sand<br>Red sand<br>Water sand   | d sand 50<br>6<br>20<br>22<br>8<br>24<br>30<br>25<br>20<br>28        | 50<br>56<br>98<br>106<br>130<br>160<br>185<br>205<br>233          |

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Table of drillers' logs, Briscoe County--Continued

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| Thi<br>. (                                     | ckness<br>(feet)      | Depth<br>(feet) |                      | Thickness<br>(feet) | Dèpth<br>(feet) |  |  |  |  |  |
|--|-----------------------|-----------------|----------------------|---------------------|-----------------|--|--|--|--|--|
| Well 229, partial                              | log                   |                 | Well 229, partial    | logcon              | tinued          |  |  |  |  |  |
| Frederick Montague Estate, south of Silverton. | 9 <sup>1</sup> /2 mil | es              |                      |                     |                 |  |  |  |  |  |
| Surface sand and caliche                       | 30                    | 30              | Gray shale           | 10                  | 230             |  |  |  |  |  |
| Caliche and sandy lime                         | 50                    | 80              | Sand and gravel with |                     |                 |  |  |  |  |  |
| Red angular quartz sand                        | 15                    | 95              | stringers of gray    |                     |                 |  |  |  |  |  |
| Sandy lime                                     | 45                    | 140             | shale                | 30                  | 260             |  |  |  |  |  |
| Shale with thin stringers                      |                       |                 | Gray shale           | 10                  | 270             |  |  |  |  |  |
| of sand and pebbles                            | 40                    | 180             | Sand and gravel      | 40                  | 310             |  |  |  |  |  |
| Sand and gravel with                           |                       |                 | Red beds and sand    | 245                 | 555             |  |  |  |  |  |
| stringers of gray shale                        | 40                    | 220             | TOTAL DEPTH          |                     | 8200            |  |  |  |  |  |

## Partial analyses of water from wells in Briscoe County, Texas

| • 7 - 7 - 7 | 0                    | Depth    | Date      | ĺ    | Total  | Cal-   | Magne          | - Sodium and | Bicar- | Sul-       | Chlo-    | Ni-   | Fluor- | Total          | •      |
|-------------|----------------------|----------|-----------|------|--------|--|----------------|--------------|--------|------------|----------|-------|--------|----------------|--------|
| verr        | Owne r               |          | iteollogi | an   | aplida | $\left( \begin{array}{c} c \\ c \end{array} \right)$ | ļs⊥um<br>}(√a) | (Not K)      |        |            | $(c_1)$  |       |        | naranes        | S<br>\ |
|             |                      | (f+)     | COTTOCOT  |      | SOLIDS | (04)   | (ng)           | (Na+ N)      | (1003) | (304)      |          | (103) |        | as tatt        | 3      |
|             | V. C. Hulsev         | - 17-0-1 |           |      |        | <u> </u>   |                | (Care.)      |        | <b>↓</b> → | <u>ا</u> |       | L      | <u>  (Carc</u> |        |
| -           | Istate               | Spring   | Sent. 9.  | 1940 | 6 351  | 40   | 26             | 43           | 270    | 55         | 1.5      | 0.0   | _      | 207            |        |
| 10          | D. Morris and        | 0        |           | -//1 |        | i  |                |              |        |            |          |       |        | ,              |        |
|             | V. L. Matney         | 260      | do.       |      | 317    | 45   | 24             | 19           | 221    | 34         | 26       | 0.2   | -      | 211            |        |
| 11          | Dick Todd            | 120      | Sept. 4,  | 194  | 6 388  | 49   | 30             | 20           | 241    | 34         | 36       | 6.6   | -      | 246            |        |
| 12          | D. Morris and        |          |           |      |        |  |                |              |        |            |          |       |        |                |        |
|             | V. L. Matney         | 170+     | do.       |      | 333    | 49   | 20             | 28           | 255    | 22         | 23       | 0.2   |        | 204            |        |
| 14          | do.                  | 170      | Sept. 9,  | 194  | 6 309  | 49   | 20             | 18           | 229    | 12         | 31       | 0.2   |        | 204            |        |
| 16          | V. J. Heim           | 146      | Sept. 4,  | 194  | 6 322  | 37   | 26             | 23           | 244    | 27         | 14       | 0.2   |        | 200            |        |
| 17          | May                  | 126+     | Sept. 9,  | 194  | 6 356  | 38   | 34             | 23           | 256    | 36         | 27       | 0.2   | _      | 235            |        |
| 19          | Frank Cobb           | 111      | Sopt.10,  | 194  | 6 383  | 40   | 39             | 28           | 270    | 35         | 44       | 1.2   |        | 260            | 1      |
| 22          | S. M. Rogers         | 70       | Sort. 4,  | 194  | 6 419  | 31   | 36             | 56           | 267    | 52         | 22       | 0.2   |        | 226            | 25     |
| 23          | Vright B. May        | 110      | Sept.10,  | 194  | 6 368  | 36   | 30             | 39           | 238    | 59         | 28       | 0.2   | -      | 214            | I      |
| 24          | C. M. Flowers        | Spring   | do.       |      | 420    | 28   | LO I           | 49           | 249    | 60         | 28       | 0.2   | -      | 234            |        |
| 28          | G. B. Mayfield       | 216      | Sept.11,  | 194  | 6 333  | 23   | 35             | 47           | 273    | 23         | 13       | 0.2   |        | 173            |        |
| 33          | C. M. Flowers        | 250      | Sept.10,  | 194  | 6 6/1  | 34   | 32             | 145          | 350    | 171        | 48       | 0.0   |        | 216            |        |
| 36          | Roy McMurtrie        | 137      | Sept.16,  | 194  | 6 496  | 61   | 42             | 30           | 391    | 28         | 22       | 11    |        | 324            |        |
| 46          | M. J. O'Ncal         | 140      | do.       |      | 341    | 38   | 26             | 19           | 215    | 20         | 30       | 4.3   |        | 202            |        |
| 52          | Guy McWilliams       | 210      | Sept.17,  | 194  | 6 367  | 43   | 27             | 21           | 247    | 20         | 28       | 1.8   | -      | 213            |        |
| 147         | J. W. Reid           | 215      | Lug. 30,  | 194  | 6 350  | 36   | 44             | 15           | 261    | 22         | 15       | 0.0   | -      | 271            |        |
| 175         | Grady Wimberly       | 210      | hug. 28,  | 194  | 6 387  | 31   | 39             | 36           | 278    | 42         | 20       | 0.0   |        | 238            |        |
| *202        | City of Silverton -  |          |           | 194  | 6 364  | 40   | 34             | 41           | 288    | 40         | 24       | 2.5   | 3.6    | 240            |        |
| 245         | Mrs. Elmina Davis259 |          | Aug. 25,  | 194  | 6 320  | 34   | 43             | 9.2          | 300    | 17         | 13       | 0.2   | ,      | 263            |        |
| 249         | Mrs. V. A. London180 |          | Sept. 5,  | 194  | 6 489  | 36   | 40             | 46           | 304    | 106        | 25       | 0.2   | -      | 292            |        |
| 250         | Clote Miller         | 209      | Scpt.17,  | 194  | 6 41,4 | 51   | 41             | 25           | 304    | 50         | 35       | 0.2   | -      | 296            |        |
| 251         | City of Quitaqu      | e 100    | Sept. 2,  | 194  | 6 962  | 65   | 54             | 211          | 428    | 243        | 146      | 9.2   | 4.3    | 334            |        |

Analyzed at The University of Texas under the direction of W. W. Hastings, Chemist, U. S. Department of the Interior, Geological Survey, and Dr. E. P. Schoch, Director of the Bureau of Industrial Chemistry. Results are in parts per million. Well numbers correspond to numbers in table of well records.

\*Composite sample from three wells, Nos. 202, 203, and 204, City of Silverton.

