

DUPLICATE

FORM C-105

RECEIVED  
DEC 14 1949  
HOBBS OFFICE

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AREA 640 ACRES  
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

TEXAS PACIFIC COAL AND OIL COMPANY P.O. Box 2110, Fort Worth 1, Texas  
Company or Operator Address  
State "B" Acct. 1 Well No. 1 in NE1/4 of Sec. 2, T. 12-S  
Lease  
R. 33-E, N. M. P. M. Bagley Siluro Devonian Field, Lea County.  
Well is 1980 feet south of the North line and 660 feet west of the East line of Section  
If State land the oil and gas lease is No. 212 Assignment No.  
If patented land the owner is Address  
If Government land the permittee is Address  
The Lessee is Address  
Drilling commenced June 30, 1949 Drilling was completed HB-11-12-49 (Tested 11-23-49)  
Name of drilling contractor TEXAS PACIFIC COAL AND OIL COMPANY Address Fort Worth, Texas  
Elevation above sea level at top of casing 4230 feet.  
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 10,765 to 10,914 No. 4, from to  
No. 2, from to No. 5, from to  
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.  
No. 2, from to feet.  
No. 3, from to feet.  
No. 4, from to feet.

CASING RECORD

| SIZE   | WEIGHT PER FOOT | THREADS PER INCH | MAKE    | AMOUNT | KIND OF SHOE | OUT & FILLED FROM | PERFORATED |    | PURPOSE |
|--------|-----------------|------------------|---------|--------|--------------|-------------------|------------|----|---------|
|        |                 |                  |         |        |              |                   | FROM       | TO |         |
| 12-1/2 | 50              |                  | Lapweld | 313'   |              |                   |            |    |         |
| 9-5/8  | 36              |                  | Smls    | 3918   |              |                   |            |    |         |
| 7      | 29              |                  | "       | 10755  |              |                   |            |    |         |
|        |                 |                  |         |        |              |                   |            |    |         |
|        |                 |                  |         |        |              |                   |            |    |         |
|        |                 |                  |         |        |              |                   |            |    |         |
|        |                 |                  |         |        |              |                   |            |    |         |
|        |                 |                  |         |        |              |                   |            |    |         |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHODS USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|--------------|-------------|--------------------|
| 17"          | 12-1/2         | 336       | 350                 |              |             |                    |
| 12           | 9-5/8          | 3940      | 2500                |              |             |                    |
| 8-3/4        | 7              | 10914     | 560                 |              |             |                    |

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set  
Adapters — Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

| SIZE | SHELL USED | EXPLOSIVE OR CHEMICAL USED | QUANTITY  | DATE  | DEPTH SHOT OR TREATED | DEPTH CLEANED OUT |
|------|------------|----------------------------|-----------|-------|-----------------------|-------------------|
|      |            | Acid                       | 5000 gals | 12-25 |                       |                   |
|      |            | Mud acid                   | 500       | 12-23 |                       |                   |

Results of shooting or chemical treatment Swabbed 12 bbls. of oil per hour before acid;  
102 bbls. per hour after acidized,

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from 0 feet to TD-10,914 feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing 12-1-1949 (Tested 11-23-49)  
The production of the first 24 hours was 2448 \* barrels of fluid of which 100 % was oil; %  
emulsion; % water; and % sediment. Gravity, Be  
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas  
Rock pressure, lbs. per sq. in.

EMPLOYEES

P. D. Nall Driller D. H. Gardner Driller  
D. A. Altman Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 12th

day of December, 1949

L. A. Hartung

Notary Public

My Commission expires 6-1-51

Fort Worth, Texas Dec. 12, 1949

Name R. S. Schaper

Position Agent

Representing TEXAS PACIFIC COAL AND OIL COMPANY  
Company or Operator

Address P.O. Box 2110, Fort Worth 1, Texas

\* Production - 102 bbls. per hr.; for 24 hrs. on this basis 2448 bbls.

## FORMATION RECORD

| FROM  | TO    | THICKNESS<br>IN FEET | FORMATION                     |
|-------|-------|----------------------|-------------------------------|
| 0     | 75    | 75                   | Caliche, Sand                 |
| 75    | 268   | 193                  | Sand, Red Bed                 |
| 268   | 336   | 68                   | Shale                         |
| 336   | 500   | 164                  | Shale, Red Bed                |
| 500   | 800   | 300                  | Red Bed                       |
| 800   | 1302  | 502                  | Red rock, Red Bed, Blue Shale |
| 1302  | 1466  | 164                  | Red Bed, Rock                 |
| 1466  | 1612  | 146                  | Sand, Red Rock, Red Bed       |
| 1612  | 1738  | 126                  | Sandy red rock                |
| 1738  | 1808  | 70                   | Anhydrite                     |
| 1808  | 1827  | 19                   | Salt                          |
| 1827  | 2085  | 258                  | Anhydrite, Salt               |
| 2085  | 2343  | 358                  | Anhydrite                     |
| 2343  | 2720  | 377                  | Anhy., salt                   |
| 2720  | 2794  | 74                   | Anhy., Gyp                    |
| 2794  | 3125  | 331                  | Anhy., gyp, salt              |
| 3125  | 3219  | 94                   | Anhy., gyp                    |
| 3219  | 3370  | 151                  | Anhy., gyp, salt              |
| 3370  | 3530  | 160                  | Anhy., gyp                    |
| 3530  | 3583  | 53                   | Anhy., gyp, sand              |
| 3583  | 3676  | 93                   | Anhy., gyp, salt              |
| 3676  | 3790  | 114                  | Anhy., salt, sand             |
| 3790  | 3826  | 36                   | Lime                          |
| 3826  | 3926  | 100                  | Gyp, Lime                     |
| 3926  | 5078  | 1152                 | Lime                          |
| 5078  | 5126  | 48                   | Lime, anhy.                   |
| 5126  | 5227  | 101                  | Lime                          |
| 5227  | 5257  | 30                   | Lime, Gyp                     |
| 5257  | 5308  | 51                   | Lime, Shale                   |
| 5308  | 5353  | 45                   | Lime                          |
| 5353  | 5398  | 45                   | Lime, Gyp, Salt               |
| 5398  | 5438  | 40                   | Lime, Salt                    |
| 5438  | 5464  | 26                   | Lime, Gyp                     |
| 5464  | 5538  | 74                   | Lime                          |
| 5538  | 5571  | 33                   | Lime, Gyp                     |
| 5571  | 5631  | 60                   | Lime, Shale                   |
| 5631  | 5716  | 85                   | Lime, Shale, Salt             |
| 5716  | 5791  | 75                   | Lime, brown shale             |
| 5791  | 5834  | 41                   | Lime                          |
| 5834  | 5896  | 62                   | Lime, Shale                   |
| 5896  | 5904  | 8                    | Lime                          |
| 5904  | 5917  | 13                   | Lime, Shale                   |
| 5917  | 5934  | 17                   | Lime, Shale, Anhy.            |
| 5934  | 6264  | 330                  | Lime, Shale                   |
| 6264  | 6280  | 16                   | Lime                          |
| 6280  | 6357  | 77                   | Lime, Shale                   |
| 6357  | 6471  | 114                  | Lime                          |
| 6471  | 6500  | 29                   | Lime, anhy.                   |
| 6500  | 6517  | 17                   | Lime, Shale, Gyp              |
| 6517  | 6555  | 38                   | Lime                          |
| 6555  | 6595  | 40                   | Lime, Gyp                     |
| 6595  | 6691  | 96                   | Shale, Lime                   |
| 6691  | 6744  | 53                   | Lime                          |
| 6744  | 7026  | 282                  | Lime, Shale                   |
| 7026  | 7093  | 67                   | Lime                          |
| 7093  | 7117  | 24                   | Lime, Shale                   |
| 7117  | 7248  | 131                  | Lime                          |
| 7248  | 7262  | 14                   | Lime, Chert                   |
| 7262  | 7287  | 25                   | Lime, Shale                   |
| 7287  | 7316  | 29                   | Lime, Shale, Gyp              |
| 7316  | 7338  | 22                   | Lime, Shale                   |
| 7338  | 7385  | 47                   | Shale, Gyp.                   |
| 7385  | 7415  | 30                   | Shale                         |
| 7415  | 7423  | 8                    | Shale, Lime, Gyp              |
| 7423  | 7701  | 278                  | Shale, Gyp                    |
| 7701  | 7735  | 34                   | Lime, Shale                   |
| 7735  | 7750  | 15                   | Lime                          |
| 7750  | 7846  | 96                   | Lime, Shale                   |
| 7846  | 7859  | 13                   | Shale, Gyp                    |
| 7859  | 7879  | 20                   | Shale, Gyp, Lime              |
| 7879  | 7918  | 39                   | Shale, Gyp                    |
| 7918  | 7947  | 29                   | Shale                         |
| 7947  | 7993  | 46                   | Shale, Gyp                    |
| 7993  | 8048  | 55                   | Shale, Lime, Gyp              |
| 8048  | 8099  | 51                   | Shale, Gyp                    |
| 8099  | 8106  | 7                    | Lime, Shale, Gyp              |
| 8106  | 8147  | 41                   | Lime, Shale                   |
| 8147  | 8173  | 26                   | Lime, Gyp                     |
| 8173  | 8356  | 183                  | Lime, Shale                   |
| 8356  | 8377  | 21                   | Lime                          |
| 8377  | 8414  | 37                   | Lime, Shale                   |
| 8414  | 8421  | 7                    | Lime, Chert                   |
| 8421  | 8434  | 13                   | Lime, Shale                   |
| 8434  | 8452  | 18                   | Lime, Shale, Dolomite         |
| 8452  | 8463  | 11                   | Lime                          |
| 8463  | 8480  | 17                   | Dolomite, Anhy., Shale        |
| 8480  | 8489  | 9                    | Lime, Chert                   |
| 8489  | 8521  | 32                   | Lime                          |
| 8521  | 8557  | 36                   | Lime, Shale                   |
| 8557  | 8636  | 79                   | Lime                          |
| 8636  | 8651  | 15                   | Lime, Chert                   |
| 8651  | 8815  | 164                  | Lime                          |
| 8815  | 8853  | 38                   | Lime, Chert                   |
| 8853  | 8900  | 47                   | Lime                          |
| 8900  | 8969  | 69                   | Lime, Shale                   |
| 8969  | 9032  | 63                   | Lime                          |
| 9032  | 9098  | 66                   | Lime, Shale                   |
| 9098  | 9100  | 2                    | Lime                          |
| 9100  | 9119  | 19                   | Lime, Shale                   |
| 9119  | 9609  | 490                  | Lime                          |
| 9609  | 9629  | 20                   | Lime, Shale                   |
| 9629  | 9644  | 15                   | Lime, Dolomite                |
| 9644  | 9660  | 16                   | Lime                          |
| 9660  | 9701  | 41                   | Lime, Dolomite                |
| 9701  | 9805  | 104                  | Lime                          |
| 9805  | 9824  | 19                   | Lime, Dolomite                |
| 9824  | 9840  | 16                   | Lime, Shale                   |
| 9840  | 9846  | 6                    | Lime                          |
| 9846  | 9857  | 11                   | Lime, Dolomite                |
| 9857  | 9886  | 29                   | Lime, Shale                   |
| 9886  | 9908  | 22                   | Lime, Dolomite                |
| 9908  | 9960  | 52                   | Lime                          |
| 9960  | 9984  | 24                   | Lime, Dolomite, Chert         |
| 9984  | 10000 | 16                   | Lime                          |
| 1000  | 10044 | 44                   | Lime, Shale                   |
| 10044 | 10057 | 13                   | Lime, Chert                   |
| 10057 | 10065 | 8                    | Lime, Shale, Dolomite, Chert  |