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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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

TEXAS PACIFIC COAL AND OIL COMPANY P.O. Box 2110, Fort Worth 1, Texas
Company or Operator Address
State of N. Mexico "A" As. 1 Well No. 22 in SW/4 of Sec. 13, T. 23-S
Lease
R. 36-E, N. M. P. M., Cooper-Jal Field, Lea County.
Well is 660 feet North South of the North line and 1980 feet East West of the East line of Section
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is, Address
If Government land the permittee is, Address
The Lessee is, Address
Drilling commenced 19 Drilling was completed 19
Name of drilling contractor Clay & Gackle, Address Fort Worth, Texas
Elevation above sea level at top of casing 3348 feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 2955 to 2995 No. 4, from to
No. 2, from 3135 to 3155 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 | CUT & FILLED FROM | PERFORATED | | PURPOSE |
|---------|-----------------|------------------|------|--------|--------------|-------------------|------------|----|---------|
| | | | | | | | FROM | TO | |
| 13-3/8" | 48 | Seamless Csg. | | 248' | | | | | |
| 8-5/8" | 28 | " " | | 2826' | | | | | |
| 3" | 7.5 | P.E. Tubing | | 3006' | | | | | |
| 3" | 7.5 | KUM Tubing | | 151' | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHODS USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|--------------|-------------|--------------------|
| 17-1/2" | 13-3/8" | 260' | 250 | | | |
| 11" | 8-5/8" | 2838' | 550 | | | |
| | | | | | | |
| | | | | | | |

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 |
|------|------------|----------------------------|----------|------|-----------------------|-------------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |

Results of shooting or chemical treatment

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 3200' feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing 19
The production of the first 24 hours was barrels of fluid of which % was oil; % emulsion; % water; and % sediment. Gravity, Be
If gas well, cu. ft. per 24 hours 12,800 Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

C. R. Robinette, Driller J. F. Ferguson, Driller
E. A. Hailer, 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 10th

Fort Worth, Texas October 10, 1947

day of October, 1947

Name J. E. Schaper

Position Agent

L. A. Hartung Notary Public

Representing TEXAS PACIFIC COAL AND OIL COMPANY
Company or Operator

My Commission expires 6-1-49

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

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|------|------|----------------------|---|
| 0 | 220 | 220 | Red bed and shells |
| 220 | 308 | 88 | Red bed |
| 308 | 996 | 688 | Red bed and shells |
| 996 | 1170 | 174 | Red rock and shells |
| 1170 | 1308 | 138 | Red rock, shell streaks, anhy. and salt |
| 1308 | 1311 | 3 | Salt |
| 1311 | 1819 | 508 | Red rock, salt, anhy. & shells |
| 1819 | 2529 | 710 | Salt and anhydrite |
| 2529 | 2679 | 150 | Salt, anhydrite & potash |
| 2679 | 2755 | 74 | Anhy. salt, potash, lime & shells |
| 2755 | 2960 | 205 | Anhydrite & lime |
| 2960 | 3024 | 64 | Lime streaks & anhydrite |
| 3024 | 3050 | 26 | Anhydrite & lime |
| 3050 | 3055 | 5 | Anhydrite & lime |
| 3055 | 3080 | 25 | Anhydrite, broken lime, Yates gas sand |
| 3080 | 3104 | 24 | Anhydrite |
| 3104 | 3144 | 40 | Anhy. broken lime, gas, sand |
| 3144 | 3167 | 23 | Anhy. lime, shale & gas sand |
| 3167 | 3185 | 18 | Anhy., lime, & gas sand |
| 3185 | 3200 | 15 | Lime and anhydrite streaks |

TOTAL DEPTH: 3200'