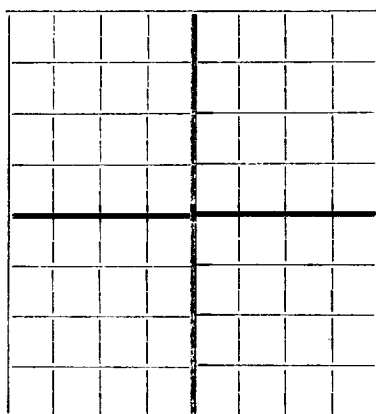
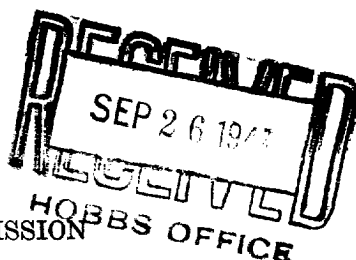


N

AREA 640 ACRES
LOCATE WELL CORRECTLYNEW 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 of New Mexico "A" Ac. 1 Well No. 21 in NE/4 of Sec. 13, T. 23-S
Lease
R. 36-E, N. M. P. M., Cooper Jal 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. 2-A Assignment No.
If patented land the owner is, Address
If Government land the permittee is, Address
The Lessee is, Address
Drilling commenced August 16 1947 Drilling was completed August 27 1947
Name of drilling contractor Clay & Cackle Contracting Co., Address Fort Worth, Texas
Elevation above sea level at top of casing Ground - 3370' feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3120 to 3135 No. 4, from to
No. 2, from 3155 to 3170 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	
13-3/8"	48		Seamless	245'					
8-5/8"	28		"	2856'					
3"	7.6	11 1/2 P.E.	Lapweld	2693					
3"	7.6	10 EUE	Seamless	482					

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"	253'	250			
11"	8-5/8"	2868'	550			
7-7/8"	3"	-	-			

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 3188 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 6600 MCF Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

J. L. Ferguson, Driller C. R. Robinette, 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 23rd

day of September, 1947

L. A. Hartung Notary Public

My Commission expires 6-1-49

Fort Worth, Texas Sept. 23, 1947

Name E. E. Schaper

Position Agent

Representing TEXAS PACIFIC COAL AND OIL COMPANY
Company or Operator

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

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	189	189	Caliche, sand, red bed
189	265	76	Red Bed & shells
265	545	280	Red Bed
545	1203	658	Red Bed and shells
1203	1230	27	Red Bed
1230	1307	77	Anhydrite & red bed
1307	1310	3	Anhydrite
1310	1600	290	Salt & anhydrite streaks
1600	1630	30	Anhydrite
1630	2010	380	Salt & anhydrite
2010	2176	166	Salt & anhydrite potash
2176	2360	184	Salt & anhydrite
2360	2537	177	Salt, potash, shale, anhydrite & shells
2537	2581	44	Salt, potash, anhydrite & shale
2581	2745	164	Salt & anhydrite
2745	2833	88	Anhydrite & lime shells
2833	2898	65	Anhydrite & lime
2898	2904	14	Yates sand
2904	2993	89	Lime & sand
2993	3015	22	Lime & anhydrite shells
3015	3103	88	Sandy lime
3103	3127	24	Lime
3127	3188	61	Sandy lime

TOTAL DEPTH: 3188'