

CROOKS MORTGAGE
NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Shell Petroleum Corporation

W. M. Ripewalt

Company or Operator

Address

Well No. 1 in NW/4 of Sec. 22-3

Lease

R. 37-E, N. M. P. M., Penrose Field, Lea County.

Well is 2310 feet south of the North line and 2970 feet west of the East line of Sec. 4.

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 Shell Pet. Corp. Address Houston, Texas

Drilling commenced May 9, 1937 Drilling was completed July 12, 1937

Name of drilling contractor Rowan Drlg. Co. Address Fort Worth, Texas

Elevation above sea level at top of casing 3458 feet.

The information given is to be kept confidential until Not confidential 19

OIL SANDS OR ZONES

No. 1, from Top of Main Pay 3695 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	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
9 5/8	36	8	Whing.	1206	Float			
7	24	10	J&L	3608	Float			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/4	9 5/8	1206	700	Halliburton	10 lb/gal	5 tons
8 1/4	7	3608	175	"	10 lb/gal	

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
		Dowell "X"	3000	7-10-37	3608-3758	
		acid				

Results of shooting or chemical treatment

Swabbed 50 bbls. in 11 hrs. after acid treatment, well flowed 240 bbls. of oil in 8 hrs.

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 feet to feet, and from feet to feet

Cable tools were used from 0 feet to 1219 feet, and from 3680 feet to 3758 feet

1219 PERFORATION

Put to producing, 19

The production of the first 24 hours was 37 barrels of fluid of which % was oil; %

emulsion; % water and 240 % sediment. Gravity, Be 99.5

If gas well, cu. ft. per 24 hours 0.5 Gallons gasoline per 1000 cu. ft. of fluid.

Rock pressure, lbs. per sq. in.

EMPLOYEES

Driller Driller

Ed Wilcox Driller T. T. Stanton Driller

Roy Lynch

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 20th

Hobbs, New Mexico July 20, 1937

day of July, 1937

Name E. R. Kimmy

Notary Public.

Position

My Commission expires 6-14-41

Representing Dist. Sup't. Company or Operator

Address Shell Pet. Corp.

Dr. #1457- Hobbs, N.M.

FORMATION RECORD

8-10-1954

FROM	TO	THICKNESS IN FEET	FORMATION
0	125		Sand & gravel
125	1180		Red Beds
1180	1250		Anhy.
1250	1300		salt
1300	1400		Salt & Anhydrite
1400	1450		Anhydrite
1450	1715		Anhydrite & Salt
1715	1745		Salt
1740	1790		Salt & red rock
1790	1840		Salt
1840	1940		Salt W/stks. anhy.
1940	2058		Salt
2055	2085		Anhydrite
2085	2215		Salt
2215	2230		Anhydrite
2230	2305		Salt
2305	2380		Salt W/stks. of red shale
2380	2430		Salt
2430	2620		Anhydrite
2620	2660		Anhydrite W/stks. red shale
2660	2705		Anhydrite
2705	2715		Red Shale
2715	2900		Anhydrite
2900	2910		Blue Shale
2910	3250		Anhydrite
3250	3255		Red Shale
3255	3450		Anhydrite
3450	3608		Hard grey lime
3608	3622		Hard dense grey cryst. Ls. W/stks. of grey sdy. Ls.
3622	3630		Hard dense light grey & white cryst. Ls.
3630	3670		Hard white cryst. Ls. W/thin stks. of porosity & light tan oil staining
3670	3685		Hard dense white cryst. Ls. W/trace oil staining & slight porosity
3685	3695		Hard dense white cryst. Ls. showing trace oil staining & porosity W/stks. sdy. Ls.
3695	3758		Soft white porous oil stained cryst. Ls. & stks. of dense cryst. Ls. Total Depth