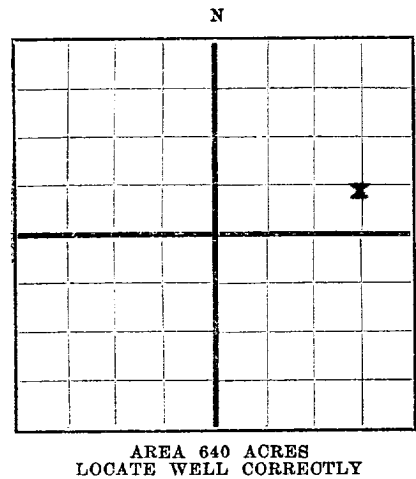




NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

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.

Shell Oil Company, Incorporated Box 1457 Hobbs, New Mexico
Company or Operator Address

State Well No. 2 in NE 1/4 of Sec. 15 T. 21-S

Lease

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

Well is 1980 feet south of the North line and 660 feet west of the East line of Sec. 15, T1S, 37E

If State land the oil and gas lease is No. B-9188 Assignment No.

If patented land the owner is Address

If Government land the permittee is Address

The Lessee is Shell Oil Company, Incorporated Address Box 1457 Hobbs, New Mexico

Drilling commenced 11-20 19 48. Drilling was completed 12-20 19 48.

Name of drilling contractor Kovan Drilling Company Address Fort Worth, Texas

Elevation above sea level at top of casing 3427 feet.

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

OIL SANDS OR ZONES

No. 1, from 6435 to 6523 No. 4, from 6558 to 6599

No. 2, from to No. 5, from 6599 to 6641 (not completely penetrated)

No. 3, from 6523 to 6558 No. 6, from to

IMPORTANT WATER SANDS - None

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
13 3/8"	32.44	8rd	Naylor	210'	Texas Pattern				water protection
8 5/8"	32.04	8rd	Republic & Pittsburgh	2967'	Baker Whirler				Salt protection
5 1/2"	15.54	8rd	Republic & Pittsburgh	6572'	Larkin Back off				oil protection

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"	228'	250	Pump & Plug	9.5	
11"	8 5/8"	2981'	1700	Pump & Plug	10.5	
7 7/8"	5 1/2"	6585'	900	Pump & Plug	10.5	

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
Washed open hole interval 6585 to 6641 feet with 300 gallons 15% acid.						
Treated open hole interval 6585 to 6641 feet with 1200 gallons 15% acid.						
Results of shooting or chemical treatment Flowed 54.5 bbls oil cut 6/101 B" through 16/64" choke in 9.75 hours. C.C.P. 525. C.T.P. 1875. C.C.P. 875. C.T.P. 1700. G.O.R. = 12,170						

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 6641 feet, and from feet to feet

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

PRODUCTION

Put to producing 12-28 19 48.

The production of 1-18-49 24 hours was 31.84 barrels of fluid of which 99.8 % was oil; 0 % emulsion; 0.2 % water; and 0 % sediment. Gravity, Be. 42.8 deg. A.P.I.

If gas well, cu. ft. per 24 hours 354 MCF Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. G.O.P. = 11,111

EMPLOYEES

L. R. Williams Driller Roy Lynch Driller

J. B. Ragsdale 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 27th Hobbs, New Mexico January 27, 1949

day of January 19 49 Name Frank R. Lovering Date

Notary Public Position District Superintendent

Representing Shell Oil Company, Incorporated Company or Operator

Address Box 1457 Hobbs, New Mexico

My Commission expires

FORMATION RECORD

(CORRECTED FOR SCHUMBERGER)

FROM	TO	THICKNESS IN FEET	FORMATION
<u>NO SAMPLES TAKEN ABOVE 5040 FEET</u>			
5040	5150	110	Lime
5150	5180	30	Dolomite
5180	5200	20	Sand
5200	6100	900	Dolomite with streaks of anhydrite and shale
6100	6435	335	Dolomite with streaks of sand
6435	6641	206	Dolomite with porous and oil stained streaks.
<u>D.I.F.'s</u>			
No. 1	6476' - 6635'	5/8" x 1/4"	Tool open 2 hours and 22 minutes. Gas in 1 minute, mud in 10 minutes, distillate in 27 minutes. Flowed 10 barrels of light amber distillate cut 5% mud in 1 hour and 55 minutes. F.B.P. 1200 p.s.i. Gas rate equals 2.7 MMCF/D. Gravity equals 67.4 deg A.P.I. F.B.H.P. equals 1000 to 1700 p.s.i. 15 minute shut in B.H.P. equals 2400 p.s.i.
No. 2	6569' - 6641'	1/2" x 1"	Tool open 4 hours. Gas in 4 minutes, mud in 117 minutes, oil in 120 minutes. Flowed 2.9 barrels oil in 2 hours. G.O.R. 32,200. F.B.H.P. 700 to 1500 p.s.i. 15 minute shut in B.H.P. 2600 p.s.i.
No. 3	6586' - 6641'	1/2" x 1"	Tool open 3 hours and 15 minutes. Gas in 5 minutes. Flowed at initial rate of 472 MCF/D. Final rate 235 MCF/D. Recovered 270' (2.7 bbls) pipe line oil. Gravity 41.8 deg. A.P.I., 90' (.75 bbls) oil and gas cut mud. F.B.H.P. 250 to 350 p.s.i. 15 minute shut in B.H.P. 2600 p.s.i.