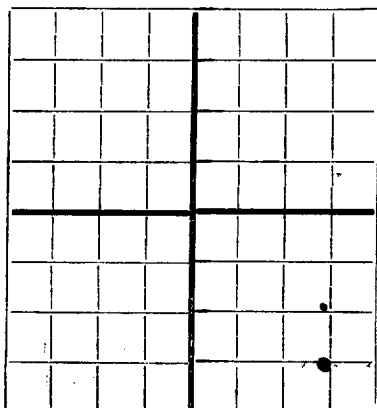


N

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 TRIPPLICATE. 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
A. T. Turner Well No. 1 in 22/4 of Sec. 22, T. 21-S
Lease
R. 37-E, N. M. P. M., Drinkard Field, Lea County.
Well is 4620 feet south of the North line and 659 feet west of the East line of Sec. 22
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is A. T. Turner, Address
If Government land the permittee is, Address
The Lessee is Shell Oil Company, Incorporated, Address Box 1457 Hobbs, New Mexico
Drilling commenced 11-2-1947 Drilling was completed 1-5-1948
Name of drilling contractor Company tools, Address Box 1457 Hobbs, New Mexico
Elevation above sea level at top of casing 3399 feet.
The information given is to be kept confidential until not confidential 19.

OIL SANDS OR ZONES

No. 1, from 6367 to 6452 No. 4, from 6538 to 6570
No. 2, from 6454 to 6486 No. 5, from 6570 to T.D. 6610
No. 3, from 6486 to 6538 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"	32.4	8rd	Naylor	210	Texas Pattern				water protection
8 5/8"	32.	8rd	Naylor	2856	Larkin				salt string
5 1/2"	15.5 & 17.5	8rd	Nat'l.	6598	Baker		6580	6607	oil string

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"	224	200	Pump & Plug	9.0	
11"	8 5/8"	2867	1651	Pump & Plug	10.2	
7 7/8"	5 1/2"	6609	600	Pump & Plug	9.7	

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
Acidised with 200 gallons 20% HCl through casing perforations from 6580 to 6607 on 1-3-48.						

Results of shooting or chemical treatment.

Flowed 148.5 barrels oil in 24 hours through a 20/64-inch choke. Tubing pressure 150 p.s.i. Casing pressure 820 p.s.i. Gas oil ratio 530. Gravity 39.8 A.P.I.

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 6610 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing 1-5-1948
The production of the first 24 hours was 148.5 barrels of fluid of which 99.6% was oil; .4% emulsion; 0% water; and 0% sediment. Gravity, Be 39.8
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. 8,000 ± 530

EMPLOYEES

O. B. Young, Driller J. L. Mahan, Driller
H. M. Duncan, Driller J. A. Arnold, 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 9th

day of January, 1948

Notary Public

My Commission expires Sept. 16, 1950

Hobbs, New Mexico January 9, 1948

Name N. C. Brunner to Brunner

Position District Superintendent

Representing Shell Oil Company, Incorporated
Company or Operator

Address Box 1457 Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
			NO SAMPLES TAKEN ABOVE 6300 FEET.
6300	6367	67	Dolomite
6367	6610	243	Dolomite with streaks of Lime. Streaks of porosity with oil shows.
<u>D.S.T. NO. 1:</u>			
6460 - 6511	5/8" x 1/4" chokes. Tool open 2 1/4 hours. Gas in 4 minutes at 1090 MCF/D. Flowed 0.25 barrels oil. Gravity 52.5 A.P.I. Recovered 360' (3.25 bbls.) oil. FWP 1700. FBHP 1700 p.s.i. 15 minute shut in BHP 2400 p.s.i.		
<u>D.S.T. NO. 2:</u>			
6486 - 6511	5/8" x 1/4" chokes. Tool open 1 hour and 21 minutes. Gas in 4 minutes at 985 MCF/D. FWP 1400 p.s.i. FBHP 2000 p.s.i. 15 minute shut in BHP 2500 p.s.i. Recovered 825 barrels oil while bleeding off pressure and 1026' (9.3 bbls) oil in drill pipe. Gravity 57.2 degrees A.P.I.		
<u>D.S.T. NO. 3:</u>			
6496 - 6524	5/8" x 1/4" chokes. Tool open 2 hours and 50 minutes. Oil to surface in 20 minutes. Flowed 11 barrels oil in 1 hour and 50 minutes. Flowed 6.85 barrels oil in next hour. Gas oil ratio 4950. Recovered 3000' (22.2 bbls) oil. Gravity 54 degrees A.P.I. FWP 1400 p.s.i. FBHP 2000 p.s.i. 15 minute shut in BHP 2500 p.s.i.		
<u>D.S.T. NO. 4:</u>			
6511 - 6524	5/8" x 1" chokes. Tool open 3 hours. Gas in 12 minutes. Fluid in 50 minutes through a 1/4-inch choke. Flowed 24.75 barrels oil in 1 hour. Gas oil ratio 654. Then flowed 13.75 barrels oil in next hour. Gas oil ratio 742. Gravity 41.4 degrees A.P.I. FBHP 600 p.s.i. 15 minute shut in BHP 2400 p.s.i.		
<u>D.S.T. NO. 5:</u>			
6576 - 6610	5/8" x 1" chokes. Tool open 3 1/2 hours. Gas in 7 minutes. Oil in 2 hours and 20 minutes. Flowed 17 barrels oil in 1 hour and 10 minutes. Gravity 39.8 degrees A.P.I. Gas too small to measure. FBHP 600 p.s.i.		
<u>D.S.T. NO. 6:</u>			
6557 - 6610	5/8" x 1" chokes. Tool open 3 hours and 52 minutes. Gas in 8 minutes. Oil in 40 minutes, through open 1-inch choke. Flowed as follows: First 45 minutes 16.5 barrels oil, Gravity 40.2 degrees A.P.I. Next hour 11 barrels oil. Gas oil ratio 1010. Gravity 41 degrees A.P.I. Next 1 hour 11 barrels oil. Gravity 41.4 degrees A.P.I. Gas oil ratio 1020. Last 1/2 hour 5.5 barrels oil. Gravity 41.4 degrees A.P.I. Gas oil ratio 1305. FBHP 0 to 1250 p.s.i. Then declined to 500 p.s.i.		