

DUPLICATE

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SEP 8 - 1950
OIL CONSERVATION COMMISSION
HOBBS-OFFICE

FORM C-105

N R-37-E

Sec. 22

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
Company or Operator

Box 1457, Hobbs, New Mexico
Address

A. T. Turner
Lease

Well No. 13 in 34/4 of Sec. 22, T. 21-S, R. 37-E, N. M. P. M., Drinkard Field, Lea County.

Well is 4400 feet south of the North line and 3595 feet west of the East line of Sec. 22, T-21-S, R-37-E.

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 Address Box 1457, Hobbs, New Mexico

Drilling commenced 8-5 19 50 Drilling was completed 8-30 19 50

Name of drilling contractor Rowan Drilling Co. Address Ft. Worth, Texas

Elevation above sea level at top of casing 3409 feet.

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

OIL SANDS OR ZONES

No. 1, from 6550 to 6633 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		PURPOSE
							FROM	TO	
13 3/8"	32.4#	8R	Naylor	210'					Water String
8 5/8"	36#	8R	National	2896'					Salt string
5 1/2"	15.5#		National						
	17#	8R	Republic	6539	Cameron				Oil String
2 3/8"	4.7#	8R	National	6602			6616	6624	Tubing 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 1/4"	13 3/8"	223'	300	Pump & plug		
11"	8 5/8"	2908'	2200	Pump & plug		
7 3/4"	5 1/2"	6550'	500	Pump & plug		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

Adapters — Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE OF HOLE	SIZE OF CASING	CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		15% LST acid	1000 gals.	8-30-50	6550-6633	

Results of shooting or chemical treatment Flowed 16.5 bbls. oil in 1 hour.

RECORD OF DRILL-STEM AND SPECIAL TESTS

See Reverse Side

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 6633 feet, and from feet to feet

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

PRODUCTION

Put to producing 8-30 19 50

The production of the first 24 hours was 302.2 barrels of fluid of which 99.8 % was oil; % emulsion; % water; and 0.2 % sediment. Gravity, 39.2° API

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

Tom Childress Driller E. G. Shivers Driller

Lee Durham Driller 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 6th day of September, 19 50

Hobbs, New Mexico 9-6-50

Notary Public

Frank R. Lovering
District Superintendent
Shell Oil Company
Company or Operator
Address Box 1457, Hobbs, New Mexico

My Commission expires Sept. 16, 1950

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0 1150 2810	1150 2810 6633	1150 1660 3823	Sand, caliche & red beds Salt & anhydrite Dolomite & lime w/streaks anhydrite, shale & sand
<u>TOPS BY SCHLUMBERGER:</u>			
Dense Zone		5058 (-1638')	
Paddock		5096 (-1676')	
Drinkard Zone I		6348 (-2928')	
Drinkard Zone II		6472 (-3052')	
DST #1: 6545-6633 (Drinkard Pay)			5/8" BC & 1" TC on 3 1/2" DS. Tool open 180 min. Good air blow immediately. Gas in 11 min. Recovered 6180' (45.78 bbls.) oil & 180' (1.3 bbls.) heavily oil & gas cut mud. FBHP 625 p.s.i. 15 min. SIBHP 2325 p.s.i. Hydrostatic mud head 2925 p.s.i. <u>Positive Test.</u>