

R-35-2

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

CORRECTED REPORT

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPPLICATE.

Shell Oil Company

(Company or Operator)

G. L. Lusk

(Lease)

Well No. 1, in NE $\frac{1}{4}$ of NW $\frac{1}{4}$, of Sec. 11, T. -16-S, R. -35-E, NMPM.

Townsend-Welford

Pool,

Lea

County.

Well is 660 feet from North line and 1980 feet from West lineof Section 11. If State Land the Oil and Gas Lease No. is -Drilling Commenced October 14, 1954. Drilling was Completed December 17, 1954.Name of Drilling Contractor L. E. & J. A. Olsen Drilling CompanyAddress Box 1545, Midland, TexasElevation above sea level at Top of Tubing Head 3982. The information given is to be kept confidential until not confidential, 19 .

OIL SANDS OR ZONES

No. 1, from 10,592 to 10,630 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	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13 3/8"	48#	new	32#				Surface String
8 5/8"	32#	new	4,661'				Salt String
5 1/2"	15.9#	new	10,620'			10,592-10,606 10,620-10,630	Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2"	13 3/8"	343'	400	Pump & Plug	Cemented to Surface	
11"	8 5/8"	4,673'	1600	Pump & Plug	Cemented to Surface	
7 7/8"	5 1/2"	10,641'	600	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Treated thru casing perforations 10,592' - 10,606' & 10,620' - 10,630' w/1000 gallons
mud acid.

Result of Production Stimulation: On GPT flowed 465 BOPD (based on 215 BO in 11 hrs.) cut 0.3% BS&W
thru 20/64" choke. TP 600 psi. CP 0 psi. Gravity 40.2 deg. API.

Depth Cleaned Out 10,640'

REPORT OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or formation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 10,641 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing December 22, 1954

OIL WELL: The production during the first 24 hours was 468 barrels of liquid of which 99.7% was oil; % was emulsion; % water; and 0.3% was sediment. A.P.I. Gravity 40.2 deg.

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	T. Devonian	T. Ojo Alamo
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt	T. Montoya	T. Farmington
T. Yates	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	T. McKee	T. Menefee
T. Queen	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash	T. Mancos
T. San Andres	T. Granite	T. Dakota
T. Glorieta Dolo. 6260' (-2268')	T. Wolfcamp 9586' (-5594')	T. Morrison
T. Drinkard	T.	T. Penn.
T. Tubbs	T.	T.
T. Abo 8165' (-4173')	T.	T.
T. Penn.	T.	T.
T. Miss.	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	10450	10450	No samples taken	DST # 1: 10,582'	10,641'	(59')	Wolfcamp limestone).
10450	10526	76	Cherty Limestone	Tool open 1 hour 40 minutes thru 5/8" BC & 1" IC on 3 1/2" DS. Immediate strong air blow. OTS in 6 minutes. MTS in 25 minutes. OTS in 28 minutes. Cleaned to pit for 5 minutes & turned to test tank. Filled separator & line in 7 minutes. (Made first dump) In 1 hour flowed 47.5 bbls. clean 39 deg. oil (1140 BOPD). Reversed out 8.4 bbls. oil & ungauged amount HQ&OC drilling mud. RECOVERED: 80' (0.4 bbls.) HQ&OC & 50' (0.25 bbls.) water below circulating sub. FBHP 1075 - 1725 psi. 30 minutes SIBHP 3250 psi. BHP 5025 psi. Positive Test. (Johnston)			
10526	10560	34	Shale				
10560	10636	76	Limestone				
10636	10641	5	Cherty Limestone				
	TD 10641						

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

December 29, 1954

Company or Operator Shell Oil Company
Name J. R. Lantry For: E. Nevill

Address Box 1957, Hobbs, New Mexico
Position or Title Division Exploitation Engineer