

Section 11

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Shell Oil Company

C. L. Luck

.....
(Company or Operator)

(Lease)

Well No. 1, in NE ¼ of NW ¼, of Sec. 11, T-16-S, R-35-E, NMPM.

Townsend-Wolfcamp

..Pool,

Lee

County.

Well is 660 feet from north line and 1980 feet from west line

of 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. H. & S. A. Olsen Drilling Company**

Address..... Box 1545, Midland, Texas

Elevation above sea level at Top of Tubing Head.....1962..... 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	328'				Surface String
8 5/8"	32#	new	1,561'				Salt String
5 1/2"	15.5 + 17#	new	10,629'			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 OPT flowed 483 BOPD (based on 215 BO in 11 hrs.) cut 0.3% BSAW thru 20/64" choke. IP 600 psi. OP 0 psi. Gravity 40.2 deg. API.

...Depth Cleaned Out.....10.640

FORM OF DRILL-LOG AND SPECIAL TESTS

If drill-stem or other special tests or observation 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 408 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 Solo. 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	DSF # 1: 10,582'	10,641'	(50')	Wolfcamp limestone).
10450	10526	76	Cherty Limestone	Tool open 1 hour 40 minutes thru 5/8" BC & 1" TC 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 MCMC drilling mud. RECOVERED: 30' (0.4 bbls.) MCMC & 50' (0.25 bbls.) water below circulating sub. FBHP 1075 - 1725 psi. 30 minutes SIMP 3250 psi. FBHP 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 27, 1954

(Date)

Company or Operator Shell Oil Company
Name Fori B. Nevill

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