

16

Santa Fe, New Mexico FILE 000

WELL RECORD

FEB 21 PM 2:03

AREA 640 ACRES
LOCATE WELL CORRECTLY

Shell Oil Company
(Company or Operator)

R. E. Hilburn
(Lodge)

Well No. 2, in NE 1/4 of SW 1/4, of Sec. 3, T. -16-S, R. -35-E, NMPM.

Townsend-Wolfcamp.....Pool,.....Lee.....County.

Well is 1980 feet from south line and 660 feet from east line.

of Section 2 If State Land the Oil and Gas Lease No. is -

Drilling Commenced.....**December 15**....., 19..**54**.... Drilling was Completed.....**February 11**....., 19..**55**....

Name of Drilling Contractor.....**Laffland Bros.**.....

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

Elevation above sea level at Top of Tubing Head.....**3995**..... The information given is to be kept confidential until
~~Not confidential~~....., 19.....

No. 1, from 10,510 to 10,542 No. 4, from _____ to _____

No. 2, from.....to..... No. 5, from.....to.....

No. 3, from.....to..... No. 6, from.....to.....

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.

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13 3/8"	48#	new	334				Surface String
8 5/8"	32#	new	4662				Salt String
5 1/2"	15.5817#	new	10.595			10.510'-10.518'	Oil String
						10.522'-10.542'	

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"	350	400	Pump & Plug	Cemented to Surface	
11"	8 5/8"	4673	3000	Pump & Plug	Cemented to Surface	
7 7/8"	5 1/2"	10,606	600	Pump & Plug		

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

Washed perforations 10,510' - 10,518' & 10,522' - 10,542' w/500 gallons mud acid.

Injected 500 gallons mud acid followed by 1500 gallons 15% acid.

Result of Production Stimulation: On OPT flowed 264 BCPD (based on 198 BO in 18 hours) out 0.41 BS.

no water, thru 20/64" choke. TP 500-700 psi. Gravity 40.7 deg.

..Depth Cleaned Out.....10,571

RECORD OF DRILL-SHIFT 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 10,606 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing February 18, 1955.

OIL WELL: The production during the first 24 hours was 264 barrels of liquid of which 99.6% was oil; % was emulsion; % water; and 0.4% was sediment. A.P.I. Gravity 40.7 deg. 972.

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 6232' (-2227')	T. Wolfcamp 10,338' (-6333')	T. Morrison
T. Drinkard 8114 7370' (-3365')	T.	T. Penn.
T. Tubbs	T.	T.
T. Abo 8117' (-4112')	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	10,250	10,250	No samples taken	DST # 1: 10,466'	10,606'	(140' Wolfcamp)	
10,250	10,500	250	Limestone & Shale	Tool open 2 hours thru 1" TC & 5/8" BC on 1 1/2" DB. Immediate strong blow. GTS 20 minutes. Recovered 1500' fluid being 300' (4.2 bbls.) clean oil & 1200' (16.8 bbls.) heavily oil & gas cut mud. Gravity 39 deg. FBHP 375 - 575 psi. 30 minutes SIMP 2975 psi. BHP 5250 - 5125 psi. Positive Test. (Johnston)			
10,500	10,606	106	Limestone				
	TD	10,606					

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.

February 21, 1955 (Date)
Company or Operator Shell Oil Company Address Box 1957, Hobbs, New Mexico
Name B. Nevill Original signed by B. Nevill Position or Title Division Exploitation Engineer