

Santa Fe, New Mexico

**T
19
S**

Section 24

AREA 640 ACRES
LOCATE WELL CORRECTLY

Shell Oil Company
(Company or Operator)

State C
(Lease)

Well No. 2-4-1, in SE $\frac{1}{4}$ of NE $\frac{1}{4}$, of Sec. 24, T. 19-S, R. 36-E, NMPM.

Monument

.Pool,

Lea

County _____

Well is 2310 feet from north line and 330 feet from east line

of Section 24 If State Land the Oil and Gas Lease No. is B-4086

Drilling Commenced.....**December 27**....., 19**54**... Drilling was Completed.....**January 9**....., 19**55**..

Name of Drilling Contractor.....**Valma Petroleum Corporation**.....

Address Hobbs, New Mexico

Elevation above sea level at Top of Tubing Head.....3695..... The information given is to be kept confidential until

Not confidential....., 19.....

No. 1, from..... to..... No. 4, from..... to.....

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

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

IMPORTANT WATER SOUNDS

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
8 5/8"	32#	New	286.30				Surface string
5 1/2"	15.5#	New	3969.13	Larkin		3904'-3912' 3916'-3932' 3948'-3964'	Oil string

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8 5/8	299'	300	Pump & Plug		
7 7/8"	5 1/2	3981'	750	Pump & Plug		

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

Treated thru casing perforations 3904'-3912', 3916'-3932' with 250 gallons acid. Treated thru casing perforations 3948'-3964' with 250 gallons 15% LST acid.

Result of Production Stimulation. On OPT flowed from all perforations at the rate of 135 BOPD thru 24/64" choke. TP 120 psi. CP packer. GOR 1213.

Depth Cleaned Out.

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

7-15-75

Rotary tools were used from 0 feet to 3981 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

CONCLUSION

Put to Producing.....1-17.....55

OIL WELL: The production during the first 12 months was 135 barrels of liquid of which 99.97 % was oil; 0.3 % was gas; and 0.3 % was sediment. A.P.I. Gravity 31 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. Devon.....	T. Ojo Alamo.....
T. Salt.....	T. Ellis.....	T. Kirtland-Fruitland.....
B. Salt.....	T. Montoya.....	T. Farmington.....
T. Yates..... 2592'	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	T. McKee.....	T. Menefee.....
T. Queen.....	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg..... 3762'	T. Or. Wash.....	T. Mancos.....
T. San Andres.....	T. Granite.....	T. Dakota.....
T. Glorieta.....	T.	T. Morrison.....
T. Drinkard.....	T.	T. Penn.....
T. Tubbs.....	T.	T.
T. Abo.....	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	3000	3000	No samples taken				
3000	3250	250	Anhydrite				
3250	3410	160	Anhydrite & Dolomite				
3410	3820	410	Dolomite & Sand				
3820	3981	161	Dolomite.				

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.

January 21, 1955 (Date)

Company or Operator..... **Shell Oil Company**

Name..... *B. Nevill* **B. Nevill**

Address..... **P. O. Box 1957, Hobbs, New Mexico**

Position or Title..... **Division Exploitation Engineer**