

(Revised 7/1/88)
(Form C-105)

A 10x10 grid with the text "Section 2" centered in the middle and the letter "K" in the bottom-left corner.

Santa Fe, New Mexico

Mail to District Office, Oil Conservation Commission, to which Form G-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in **QUINTUPLICATE**. If State Land submit 6 Copies

**AREA 640 ACRES
LOCATE WELL CORRECTLY**

State JG.

(Company or Operator)

(L-230)

Well No. 4, in NW $\frac{1}{4}$ of SW $\frac{1}{4}$, of Sec 2, T 23S, R 36E, NMPM.

Langlie-Mattix

..Pool,

Lee

County.

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

of Section 2 If State Land the Oil and Gas Lease No. is B-1167

Drilling Commenced.....**November 21**....., 19**60** Drilling was Completed.....**November 26**....., 19**60**

Name of Drilling Contractor..... **Noran Drilling Company**

Address..... **P. O. Box 1718, Hobbs, New Mexico**

Elevation above sea level at Top of Tubing Head..... 3463' The information given is to be kept confidential until
not confidential 19.....

OIL SANDS OR ZONES

No. 1, from 3653 to 3675 No. 4, from _____ to _____

No. 2, from.....to..... No. 3, 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
8 5/8"	32#	NEW	246'				Surface String
4 1/2"	9.5# & 11.6#	NEW	3758'	Guide		3653', 3666' & 3657'	Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8 5/8"	257'	200	Pump & Plug	Cemented to surface	
7 7/8"	4 1/2"	3770'	250	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Perforated 4 1/2" casing @ 3653', 3666', & 3675' w/3 1/2" OD 8-way frac jet.

Treated w/11,000 gallons lease crude containing 1 1/2# sand & 1/10# Mark II Adomite/gallon.

Result of Production Stimulation. On OPT flowed 167 BOPD + 9 BWP. (based on 41.8 BO + 2.2 BW in 6 hours)
thru 20/64" choke. FTP 525 psi. CP 700 psi.

Depth Cleaned Out.....3745'

RECORD OF DRILL-STEM 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 3772 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing December 5, 1960

OIL WELL: The production during the first 24 hours was 176 barrels of liquid of which 95% was oil; % was emulsion; 5% water; and % was sediment. A.P.I. Gravity 32.1 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		
Rustler					
T. Anhy.	1320' (+2152')	T. Devonian	T. Ojo Alamo		
T. Salt. (base)	2814' (+658')	T. Silurian	T. Kirtland-Fruitland		
B. Salt		T. Montoya	T. Farmington		
T. Yates	2981' (+491')	T. Simpson	T. Pictured Cliffs		
T. 7 Rivers	3167' (+305')	T. McKee	T. Menefee		
T. Queen	3526' (-54')	T. Ellenburger	T. Point Lookout		
T. Grayburg		T. Gr. 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	186	186	Surface Sands & Caliche				
186	1320	1134	Red Beds, Sand, Shale, Limestone				
1320	2370	1050	Anhydrite				
2370	2740	370	Anhydrite & Salt				
2740	2814	74	Salt				
2814	3772	958	Dolomite, Sandstone, Shale				

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.

Company or Operator Shell Oil Company

Name R. A. Lowery Original Signed By R. A. LOWERY

December 6, 1960 (Date)
Address Box 845, Roswell, New Mexico

District Exploitation Engineer