

Section 35

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

Santa Fe, New Mexico

1961 JUN 15 AM 8:22

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 QUINTUPLICATE. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

Shell Oil Company
(Company or Operator)

Gray
(Lase)

Well No. 3, in SE $\frac{1}{4}$ of SW $\frac{1}{4}$, of Sec. 35, T. -14-S, R. -33-E NMPM.

Saunders

Pool

Lee

County.

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

of Section 35 If State Land the Oil and Gas Lease No. is

Drilling Commenced April 7 19 61 Drilling was Completed May 31 19 61

Name of Drilling Contractor..... **B. L. McFarland, Inc.**.....

Address.....3612 W. Wall St., Midland, Texas

Elevation above sea level at Top of Tubing Head..... **4181** The information given is to be kept confidential until
not confidential 19.....

OIL SANDS OR ZONES

No. 1, from 9896' to 9966' 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
8 5/8"	32#	new	1647'	Guide			Surface String
5 1/2"	15.5#, 17#	new & 8#	10,021'	Float		9896' - 9904'	Oil String
						9954' - 9966'	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8 5/8"	1657'	685	Pump & Plug	Cemented to surface	
7 7/8"	5 1/2"	10,032'	200	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Perforated 9896' - 9904', 9954' - 9966' w/2 JSPT.

Treated perforations 9954' - 9966' w/3000 gallons 15% NEA.

Treated perforations 9896' - 9904' w/2000 gallons 15% NEA.

Result of Production Stimulation..... On OPT flowed 135 BOPD, no water, thru 20/64" choke.
FTP 130 psi. FGP 530 psi.

...Depth Cleaned Out.....10,010'

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 10,032 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing June 10, 1961
OIL WELL: The production during the first 24 hours was 135 barrels of liquid of which 100 % was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 10.2 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):

Rustler		Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.	1602' (+2539')	T. Devonian		T. Ojo Alamo	
T. Salt		T. Silurian		T. Kirtland-Fruitland	
B. Salt		T. Montoya		T. Farmington	
T. Yates	2660' (+1531')	T. Simpson		T. Pictured Cliffs	
T. 7 Rivers	2948' (+1243')	T. McKee		T. Menefee	
T. Queen	3493' (+698')	T. Ellenburger		T. Point Lookout	
T. Grayburg		T. Gr. Wash.		T. Mancos	
T. San Andres	4205' (-14')	T. Granite		T. Dakota	
T. Glorieta		T. Lower Permian	9465' (-5274')	T. Morrison	
T. Drinkard	7090' (-2899')	T.		T. Penn.	
T. Tubbs		T.		T.	
T. Abo	7860' (-3669')	T.		T.	
T. Penn.	9828' (-5637')	T.		T.	
T. Miss.		T.		T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	300	300	Caliche, Surface Sands, Anhydrite				
300	1602	1302	Redbeds, Anhydrite				
1602	2660	1058	Anhydrite				
2660	2948	288	Dolomite, Anhydrite				
2948	3493	545	Dolomite, Anhydrite, Sand				
3493	4205	712	Dolomite, Anhydrite, Shale				
4205	7090	2885	Limestone, Shale				
7090	7860	770	Limestone				
7860	9828	1968	Shale, Limestone				
9828	10032	204	Limestone				

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.

June 15, 1961

(Date)

Company or Operator Shell Oil Company

Address P. O. Box 1858, Roswell, New Mexico

Name V. L. King

Exploitation Engineer