

Section 27

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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

1962 JUL 23 AM 7 27

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

Shell Oil Company
(Company or Operator)

State v.

(L-233)

Well No. 4, in NE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Sec. 27, T. 17S, R. 35E, NMPM.

Vacuum-Abo (undesignated) Pool, **Isa** County.

Well is 1650 feet from south line and 330 feet from east line

of Section 27..... If State Land the Oil and Gas Lease No. is B-1104.....

Drilling Commenced.....June 13....., 1962. Drilling was Completed.....July 5....., 1962.

Name of Drilling Contractor.....**Noble Drilling Corporation**.....

Address..... **P. O. Drawer 550, Midland, Texas**

Elevation above sea level at Top of Tubing Head 3917..... The information given is to be kept confidential until not confidential..... 19.....

OIL LANDS OR ZONES

No. 1, from 8505' to 8848' 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
13 3/8"	48#	New & Used	321'				Surface
8 5/8"	32# & 24#	New	3127'				Intermediate
4 1/2"	21.6# & 9.5#	New	8990'	Float		*	Oil

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2"	13 3/8"	337'	325	Ramp & Plug	Cemented to surface	
11"	8 5/8"	3139'	300	Ramp & Plug	Cemented to surface	
7 7/8"	4 1/2"	9000'	700	Ramp & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Perforated 8884' - 8892', 8903' - 8915', 8924' - 8932', 8940' - 8956' w/1 JSPF, Treated w/400 gallons 15% BHA. Shabbed dry. Treated w/6000 gallons 15% BHA. Shabbed water. CDRP at 8873'. Perforated * 8717' - 8725', 8737' - 8800', 8813' - 8820', 8832' - 8848', w/1 JSPF, 8505' - 8526', 8545' - 8564', 8569' - 8582', 8595' - 8601', 8606' - 8613', 8623' - 8628', 8636' - 8645', 8647' - 8653', 8655' - 8665', 8673' - 8681' w/1 JSPF. Treated w/1000 gallons 15% BHA.

Result of Production Stimulation..... On GPF flowed 214 BOPD + 100 BWPD thru 20/64" choke.
FEP 230 - 475 psi.

Depth Cleaned Out.....8373'

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 9000 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing July 18, 1962

OIL WELL: The production during the first 24 hours was 314 barrels of liquid of which 68% was
was oil; % was emulsion; 32% water; and % was sediment. A.P.I.
Gravity 35.9 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	2888' (+1040')		T. Simpson		T. Pictured Cliffs
T. 7 Rivers	3165' (+763')		T. McKee		T. Menefee
T. Queen	3713' (+215')		T. Ellenburger		T. Point Lookout
T. Grayburg			T. Gr. Wash.		T. Mancos
T. San Andres	4350' (-422')		T. Granite		T. Dakota
T. Glorieta	6008' (-2080')		T. Base Red Beds	1617' (+2311')	T. Morrison
T. Drinkard			T. Faddock	6098' (-2170')	T. Penn.
T. Tubbs			T.		T.
T. Abo	Reef 8384' (-4456')		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	220	220	Caliche				
220	1617	1397	Red Beds				
1617	4350	2733	Anhydrite, Salt v/Limestone & Sand				
4350	8670	4320	Dolomite v/Shale, Anhydrite, Chert, and Sand				
8670	9000	330	Dolomite v/Anhydrite				

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 Address P. O. Box 1858, Roswell, New Mexico
Name R. A. Lowery Original Signed By R. A. LOWERY District Exploitation Engineer
July 20, 1962 (Date)