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NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

R-32-#

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 State MOD
(Company or Operator) (Lease)

Well No. 1, in SE 1/4 of SW 1/4, of Sec. 17, T. 16 S, R. 32 E, NMPM.
Mesa-Queen Pool, Lea County.

Well is 330 feet from south line and 2310 feet from west line
of Section 17. If State Land the Oil and Gas Lease No. is K-867

Drilling Commenced December 7, 1963, 19 Drilling was Completed December 12, 1963, 19

Name of Drilling Contractor Cactus Drilling Company, Drawer 71, San Angelo, Texas

Address

Elevation above sea level at Top of Tubing Head 4327 d.f. The information given is to be kept confidential until not confidential, 19

OIL SANDS OR ZONES

No. 1, from 3388' to 3400' 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
7-5/8"	24#	new	373'				surface
4-1/2"	9.5 & 11.6#	"	3448'	guide		3388-3400'	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
9-5/8"	7-5/8"	384'	250	Pump & plug - cemented to surface		
6-3/4"	4-1/2"	3459'	200	Pump & plug		

RECORD OF PRODUCTION AND STIMULATION

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

Perforated 3388-3400' with one jet shot per foot

Treated with 250 gallons 15% BDA with Fe additive

Treated with 3000 gallons lease crude, containing 1# 20-40 sand/gallon and 1/20# Mark II adomite/gallon.

Result of Production Stimulation On OPT flowed 80 BOPD, cut 3% BS, thru 23/64" choke (based on 57 BO in 17 hours. FTP500 psi, CP 600 psi.

Depth Cleaned Out 3426'

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 3460 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing December 16, 1963, 19.

OIL WELL: The production during the first 24 hours was 80 barrels of liquid of which 97% was
was oil; % was emulsion; 3% water; and % was sediment. A.P.I.
Gravity 33.5° API

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. 2505' (#1832)	T. Simpson.	T. Pictured Cliffs.
T. 7 Rivers. 2776' (#1561)	T. McKee.	T. Menefee.
T. Queen. 3373' (#964)	T. Ellenburger.	T. Point Lookout.
T. Grayburg.	T. Gr. Wash.	T. Mancos.
T. San Andres.	T. Granite.	T. Dakota.
T. Glorieta.	T. Base Red Beds 1211' (#3126)	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
surface	1211	1211	Caliche & Red Beds				
1211	2505	1294	Salt & Anhydrite				
2505	3373	868	Anhydrite with shale & sand				
3373	3460	87	Sand with anhydrite & silt				

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.

December 23, 1963

Company or Operator Shell Oil Company Address Box 1858 Roswell, New Mexico
Name R. A. Lowery Original Signed By R. A. LOWERY Position or Title District Exploitation Engineer