

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

NR-33-E

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LAND OFFICE	
TRANSPORTER	OIL
	GAS
PRORATION OFFICE	
OPERATOR	

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 NMB

(Company or Operator)

(Lease)

Well No. 2, in NW $\frac{1}{4}$ of SW $\frac{1}{4}$, of Sec. 17, T. 9-S, R. 33-E, NMPM.

Flying "H" - San Andres

Pool, Lea

County.

Well is 1980 feet from South line and 660 feet from West lineof Section 17. If State Land the Oil and Gas Lease No. is 00-581Drilling Commenced November 5, 1964 Drilling was Completed November 13, 1964Name of Drilling Contractor Cactus Drilling CompanyAddress Box 32 - Midland, TexasElevation above sea level at Top of Tubing Head 4397' The information given is to be kept confidential until not confidential, 19

OIL SANDS OR ZONES

No. 1, from 4397' to 4423' 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
<u>8-5/8"</u>	<u>24#</u>	<u>NEW</u>	<u>406'</u>				<u>surface</u>
<u>4-1/2"</u>	<u>9.5#</u>	<u>NEW</u>	<u>4490'</u>			<u>4397'-4423'</u>	<u>oil</u>

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>11"</u>	<u>8-5/8"</u>	<u>436'</u>	<u>200</u>	<u>Pump and plug</u>	<u>Cemented to surface</u>	
<u>7-7/8"</u>	<u>4-1/2"</u>	<u>4500'</u>	<u>200</u>	<u>Pump and plug</u>		

RECORD OF PRODUCTION AND STIMULATION

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

Treated with 250 gallons 15% MCA with Fe additive and with 1000 gallons 15% NSA.

Perforated with one 3/8" jet shot: 4397', 4398', 4403', 4404', 4405', 4411', 4412',
4417', 4420', 4422', 4423'Result of Production Stimulation On CPT pumped 107 BOPD plus 1 BOPD on 15-54" SPMDepth Cleaned Out 4467'

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 4500 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing November 20, 1964, 19

OIL WELL: The production during the first 24 hours was 108 barrels of liquid of which 99 % was oil; % was emulsion; 1 % water; and % was sediment. A.P.I. Gravity 21.4 deg. 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 2440' (1951')	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	T. McKee	T. Menefee
T. Queen	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash	T. Mancos
T. San Andres 3663' (1728')	T. Granite	T. Dakota
T. Glorieta	T. Base red beds 1820' (1257')	T. Morrison
T. Drinkard	T. San Andres Marker	T. Penn
T. Tubbs	T. 4233' (158')	
T. Abo	T. Slaughter Zone 4402' (-11')	
T. Penn		
T. Miss		

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
surface	1820	1820	Sand, red beds & anhydrite				
1820	2440	620	Salt and anhydrite				
2440	3663	1223	Anhydrite, sand, shale and salt				
3663	4500	837	Dolomite, anhydrite and 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.

November 25, 1964

Company or Operator Shell Oil Company

Address Box 1858 Roswell, New Mexico

Original Signed By: V. L. KING

V. L. King

Acting Senior Exploitation Engineer