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U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
PRODUCTION OFFICE	
OPERATOR	

Obtained 7/7/64
(Form C-5)

R-35-E

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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

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17
S

AREA 640 ACRES
LOCATE WELL CORRECTLY

Shell Oil Company
(Company or Operator)

State 'F'
(Lease)

Well No. 4, in SE 1/4 of SW 1/4, of Sec. 29, T. 17S, R. 35E, NMPM.

Vacuum-Glorieta

Pool, Lea

County.

Well is 330 feet from south line and 1980 feet from west line

of Section 29. If State Land the Oil and Gas Lease No. is B-2423

Drilling Commenced June 28, 1964. Drilling was Completed July 10, 1964.

Name of Drilling Contractor Forster Drilling Company

Address P. O. Drawer 32, Midland, Texas 79701

Elevation above sea level at Top of Tubing Head 3969'. The information given is to be kept confidential until not confidential, 19.

OIL SANDS OR ZONES

No. 1, from 6089' to 6131' 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 4720' to 5675' feet. San Andres Log Analysis

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"	24#	New	1550'				Surface
4 1/2"	9.5#	New	6237'	Guide		*	Oil

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/4"	8 5/8"	1593'	300	Pump and Plug	Cemented to surface	
7 7/8"	4 1/2"	6249'	700	Pump and Plug		

RECORD OF PRODUCTION AND STIMULATION

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

* Perforated 6089', 6092', 6095', 6098', 6101', 6113', 6116', 6119', 6123', 6127', 6129', 6131' with 1 - 3/8" JS.

Treated with 200 gallons 15% BDA + 1500 gallons 15% NEA.

Result of Production Stimulation. On OPT flowed 15.1 BOPD + 6 BOPD (based on 79 BOPD + 3 BW in 12 hours) thru 18/64" choke. FTP 325 psi.

Depth Cleaned Out 6215'

BOARD OF DRILL-STEM AND SPECIAL

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 6250 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing July 15, 1964

OIL WELL: The production during the first 24 hours was 164 barrels of liquid of which 96% was oil; 0% was emulsion; 4% water; and 0% was sediment. A.P.I. Gravity 38.5 degrees

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 2864' (+1115')	T. Simpson	T. Pictured Cliffs
T. 7 Rivers 3155' (+824')	T. McKee	T. Menefee
T. Queen 3717' (+262')	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash.	T. Mancos
T. San Andres 4411' (-432')	T. Granite	T. Dakota
T. Glorieta 5985' (-2006')	T. Base Red Beds 1553' (+2426)	T. Morrison
T. Drinkard	T. Paddocks 6086' (-2107)	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	1553'	1553'	Caliche and Red Beds				
1553'	2864'	1311'	Salt and Anhydrite				
2864'	4411'	1547'	Anhydrite with Shale, Sand, and Dolomite				
4411'	6250'	1839'	Dolomite with Sand, Shale 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.

July 16, 1964 (Date)

Company or Operator Shell Oil Company

Address P. O. Box 1558, Roswell, New Mexico 88201

Name Original Signed By R. A. Lowery

Position or Title District Exploitation Engineer