

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Shell Oil Company
(Company or Operator)

State of
(Lease)

Well No. 2-1, in 1/4 of Lot 24, 1/4, of Sec. 1, T. 21-S, R. 35-E, NMPM.

Elmout

Pool,

Lea

County.

Well is 330 feet from south line and 220 feet from east line

of Section 1. If State Land the Oil and Gas Lease No. is 2-1-400

Drilling Commenced February 6, 1955. Drilling was Completed February 16, 1955.

Name of Drilling Contractor Valera Petroleum Corporation

Address Hobbs, New Mexico

Elevation above sea level at Top of Tubing Head 3577'. The information given is to be kept confidential until

Not confidential.

OIL SANDS OR ZONES

No. 1, from to 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"	32.5	New	300'	-	-	-	Surface string
5 1/2"	15.5	New	3873'	-	-	3804'-3842' 3854'-3862'	Oil string

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"	300'	300	Pump & Plug		
7 7/8"	5 1/2"	3065.5'	750	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Treated thru casing perforations 3804'-3842', 3854'-3862' with 500 gallons 20% Mud Acid.

Treated thru casing perforations 3804'-3842', 3854'-3862' with 10,000 gallons (Towell)

Sandfrac containing 1 1/2 pound sand per gallon.

Result of Production Stimulation. On 07" in 4 hours flowed 19.28 bbl, cut 8" water, thru 20/64" choke.

775 620 psi. Gr. 35 deg. API. CO2 2450.

Depth Cleaned Out

If drill-stem or other special tests or observation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 3851 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing February 27, 1955

OIL WELL: The production during the first 24 hours was 296 barrels of liquid of which 92 % was
was oil; % was emulsion; 8 % water, and % was sediment. A.P.I.
Gravity 35° API

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of
liquid Hydrocarbon. Shut in Pressure

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	T. Simpson	T. Pictured Cliffs	
T. 7 Rivers 3060' (4528')	T. McKee	T. Menefee	
T. Queen	T. Ellenburger	T. Point Lookout	
T. Grayburg	T. Gr. Wash.	T. Mancos	
T. San Andres	T. Granite	T. Dakota	
T. Glorieta	T.	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
0	175	175	Sand & Caliche				
175	1355	1180	Red Beds w/hard streaks				
1355	1580	225	Anhydrite				
1580	1610	30	Shale				
1610	1875	265	Salt w/streaks of Anhydrite & Chale				
1875	2733	858	Salt & anhydrite				
2733	2960	227	Anhydrite				
2960	3095	135	Dolomite & Anhydrite				
3095	3206	111	Dolomite w/streaks of Anhydrite				
3206	3285	679	Dolomite				

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.

February 28, 1955 (Date)
Company or Operator Shell Oil Company Address P. O. Box 1957, Hobbs, New Mexico
Original signed by B. Nevill Division Exploitation Engineer
Name B. Nevill Position or Title