

**Santa Fe, New Mexico**

## WELL RECORD

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Shell Oil Company

State ECA

(Company or Operator)

(Lease)

Well No. 1, in NW  $\frac{1}{4}$  of SE  $\frac{1}{4}$ , of Sec. 2, T. 12-S, R. 32-E, NMPM.

East Caprock Pool, Lea County.

Well is 1980' feet from South line and 1980' feet from East line

of Section 2 If State Land the Oil and Gas Lease No. is E-6258

Drilling Commenced 7-28, 19 52 Drilling was Completed 1-1, 19 53

Name of Drilling Contractor.....**Hess Drilling Company**.....

Address Box 471, Kilgore, Texas

Elevation above sea level at Top of Tubing Head.....**4348**..... The information given is to be kept confidential until

**Not Confidential** 19

### OIL SANDS OR ZONES

No. 1, from 11,141' to 11,230' 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
13 3/8"	48 #	New	290.				Surface String
8 5/8"	32 #	New	3589.	Baker			Salt String
5 1/2"	17 & 15.5 #	New	11,126.				Oil String
2 3/8"	4.7 #	New	11,216.	Hung @	11,227. 11,188-11,196.		Tubing 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
17 1/4"	13 3/8 "	306	300	Pump & Plug	Cemented to Surface	
11"	8 5/8 "	3607	2400	Pump & Plug	Cemented to Surface	
7 7/8 "	5 1/2 "	11,141 "	670	Pump & Plug		

### RECORD OF PRODUCTION AND STIMULATION

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

### Result of Production Stimulation.....

## ..Depth Cleaned Out.....

# I    **ORD 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 11,230 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## **PRODUCTION**

Put to Producing 1-1, 1953

OIL WELL: The production during the first 24 hours was 1112 barrels of liquid of which 99.7 % was oil; \_\_\_\_\_ % was emulsion; \_\_\_\_\_ % water; and 0.3 % was sediment. A.P.I. Gravity 43° 000 30

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 <u>14,72' (-4287')</u>	T. Devonian <u>11,087' (-6728')</u>	T. Ojo Alamo _____	
T. Salt _____	T. Silurian _____	T. Kirtland-Fruitland _____	
B. Salt _____	T. Montoya _____	T. Farmington _____	
T. Yates <u>2247' (-42112')</u>	T. Simpson _____	T. Pictured Cliffs _____	
T. <del>Yates</del> <u>Iso 4942' (-583')</u>	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. <u>Wolfcamp 8345' (-3986')</u>	T. Morrison _____	
T. Drinkard <u>Silt 6384' (-2025')</u>	T. <u>Atoka 10,005' (-5647')</u>	T. Penn _____	
T. Tubbs _____	T. _____	T. _____	
T. Abo <u>7193' (-2834')</u>	T. _____	T. _____	
T. Penn (Virgil) <u>8620' (-4261')</u>	T. _____	T. _____	
T. Miss <u>10,514' (-6155)</u>	T. _____	T. _____	

## **FORMATION RECORD**

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	300	300	Caliche & Surface Sands				
300	1100	800	Red Beds				
1100	1494	394	Shale & Anhydrite				
1494	2800	1306	Salt & Anhydrite				
2800	3525	725	Anhydrite & Dolomite				
3525	3690	165	Anhydrite				
3690	4310	620	Dolomite				
4310	4350	40	Lime				
4350	4820	470	Dolomite				
4820	4890	70	Anhydrite & Dolomite				
4890	5500	610	Dolomite				
5500	6200	700	Sand & Dolomite				
6200	6790	590	Dolomite				
6790	7200	410	Lime & Dolomite				
7200	7500	300	Shale				
7500	7950	450	Shale & Dolomite				
7950	8400	450	Dolomite				
8400	10,000	1600	Lime				
10,000	10,180	180	Sand & Lime				
10,180	11,120	940	Lime & Shale				
11,120	11,230	110	Dolomite & Shale				
	<u>11,230</u>						

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.

January 9, 1953

(Date)

Company or Operator Shell Oil Company

Address Box 1957, Hobbs, New Mexico

Name J. D. Savage *J. D. Savage*

Position or Title Division Exploitation Engineer