



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD 10 23

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

Shelly Oil Company
(Company or Operator)

Hobbs #1
(Lease)

Well No. **1**, in **SE** $\frac{1}{4}$ of **SE** $\frac{1}{4}$ of Sec. **2**, T. **23-S**, R. **36-E**, NMPM.

Langlie Mattix Pool, **Lea** County.

Well is **660** feet from **South** line and **660** feet from **East** line of Section **2**. If State Land the Oil and Gas Lease No. is **B-3776**.

Drilling Commenced **November 16,** 19 **59**. Drilling was Completed **November 25,** 19 **59**.

Name of Drilling Contractor **J. C. Grain Drilling Co.**

Address **Dallas, Texas**

Elevation above sea level at Top of Tubing Head **3445' DF**. The information given is to be kept confidential until **Not confidential**, 19 .

OIL SANDS OR ZONES

No. 1, from **3633'** to **3700'** 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" OD	32#	New	205'	Float	-	-	Surface
5-1/2" OD	14#	New	3783'	Float	-	3633-3700' (Intervals)	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'	200	Halliburton	-	-
7-7/8"	5-1/2"	3795'	250	Halliburton	-	-

RECORD OF PRODUCTION AND STIMULATION

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

Fractured with 40,000 gals. oil and 40,000# sand by Dowell, Inc.

Result of Production Stimulation **Well flowed 159 bbls. new oil and 5 bbls. water through 1/2" choke in 22 hrs., I.P. 160#, C.P. 400#.**

Depth Cleaned Out

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 3795 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing December 2, 1959
OIL WELL: The production during the first 22 hours was 164 barrels of liquid of which 97% was oil; % was emulsion; 3% water; and % was sediment. A.P.I. Gravity 36.1°
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.	1320'	T. Devonian	
T. Salt	1414'	T. Silurian	
B. Salt	2845'	T. Montoya	
T. Yates	3030'	T. Simpson	
T. 7 Rivers	3258'	T. McKee	
T. Queen	3619'	T. Ellenburger	
T. Grayburg		T. Gr. Wash	
T. San Andres		T. Granite	
T. Glorieta		T.	
T. Drinkard		T. Pennac	3754'
T. Tubbs		T.	
T. Abo		T.	
T. Penn		T.	
T. Miss		T.	
		T. Ojo Alamo	
		T. Kirtland-Fruitland	
		T. Farmington	
		T. Pictured Cliffs	
		T. Menefee	
		T. Point Lookout	
		T. Mancos	
		T. Dakota	
		T. Morrison	
		T. Penn	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1320	1320	Sand & red beds				
1320	1414	94	Anhydrite				
1414	2845	1431	Salt				
2845	3030	185	Anhydrite				
3030	3258	228	Sand & anhydrite				
3258	3619	361	Dolomite, anhydrite & sand				
3619	3754	135	Sand & anhydrite				
3754	3795	41	Sand				
	3795		TOTAL DEPTH DRILLED				
D.S.T. No. 1 - 3750-3795':							
5/8" BHC, 1" HHC. Tool open 3 hrs. with very weak blow of air for 25 mins. and died. Pulled 4-1/2" OD drill pipe and recovered 5' of drilling mud, no show of oil, gas or water. H.P. in 2185#, out 2170#. I.F.P. 25#, F.F.P. 25#. 15-min. buildup 25#.							

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 4, 1959

(Date)

Company or Operator Skelly Oil Company

Address Box 38 - Hobbs, New Mexico

Name

Position or Title Dist. Supt.