

**N.**

AREA 640 ACRES  
LOCATE WELL CORRECTLY

**Santa Fe, New Mexico**

DUPLICATE

# WELL RECORD

RECEIVED  
ON COMMISSION  
SEP 24 1953  
RD. CONCENTRATION ON COMMISSION  
HOBBS OFFICE

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**.

**Humble Oil & Refining Company**  
(Company or Operator)

**Samuel E. Cain**  
(Lease)

Well No. 3 in SE 1/4 of SW 1/4, of Sec. 30, T. 16-S, R. 39-E, NMPM.

East Hobbs - San Andres Pool, Lea County.

Well is 660 feet from South line and 1900 feet from West line.

of Section 30 If State Land the Oil and Gas Lease No. is \_\_\_\_\_

Drilling Commenced.....~~8-27-53~~....., 19..... Drilling was Completed.....~~9-20-53~~....., 19.....

Name of Drilling Contractor..... **Castle Drilling Company**

Address Tulsa, Oklahoma

Address.....  
Elevation above sea level at Top of Tubing Head..... 3400 Gr. The information given is to be kept confidential until  
..... 19.....

## OIL SANDS OR ZONES

No. 1, from 4443 to 4449 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

CASING RECORD							
SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8	29.75	Used	1809.03	Hall.	-	-	-
5-1/2	15.50	New	4451.35	Hall.	-	4441-4463	-
2"	4.70	New	4448.76				

### **MUDDING AND CEMENTING RECORD**

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	1902.58	900	Halliburton	8.9	
7-7/8	5-2/2	4465.00	1100 w/1/2# Kudrinsk	Ditto	10.7	

## RECORD OF PRODUCTION AND STIMULATION

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

9-19-53 Perforated 5½" casing from 4441 to 4463 with 4 Perforating Guns Atlas Jet shots per foot, total of 88 shots.

### Result of Production Stimulation.

### ..Depth Cleaned Out.

# WORD OF DRILL-STEM AND SPECIAL TE

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto  
**Max. hole deviation: 1 1/2° at 3604' by Total.**

## TOOLS USED

Rotary tools were used from 0 feet to 4465 feet, and from feet to feet.  
 Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing 9-20-53, 19

OIL WELL: The production during the first 24 hours was 274.59 barrels of liquid of which 96 was oil; 0% was emulsion; 4% water; and % was sediment. A.P.I. Gravity 31.6

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

T. Anhy. 1838  
 T. Salt.  
 B. Salt.  
 T. Yates 3010  
 T. 7 Rivers  
 T. Queen 3940  
 T. Grayburg  
 T. San Andres 4442  
 T. Glorieta  
 T. Drinkard  
 T. Tubbs  
 T. Abo  
 T. Penn  
 T. Miss

T. Devonian  
 T. Silurian  
 T. Montoya  
 T. Simpson  
 T. McKee  
 T. Ellenburger  
 T. Gr. Wash  
 T. Granite  
 T.  
 T.  
 T.  
 T.  
 T.

### Northwestern New Mexico

T. Ojo Alamo  
 T. Kirtland-Fruitland  
 T. Farmington  
 T. Pictures Cliffs  
 T. Meneles  
 T. Point Lookout  
 T. Mancos  
 T. Dakota  
 T. Morrison  
 T. Penn  
 T.  
 T.  
 T.

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	184	184	Sand				
184	577	393	Sand & red bed				
577	1852	1275	Red bed				
1852	1857	5	Anhy. & red bed				
1857	1883	26	Anhy. & gyp				
1883	1905	22	Anhy.				
1905	2693	788	Anhy., gyp & salt				
2693	3241	548	Salt, anhy.				
3241	3513	272	Anhy, gyp & salt				
3513	3776	263	Anhy. & gyp				
3776	3815	39	Anhy. & Lime				
3815	3835	20	Lime & sand				
3835	3881	46	Anhy., gyp, lime				
3881	3921	40	Lime				
3921	4057	136	Anhy., gyp, lime				
4057	4235	178	Lime & gyp				
4235	4465	230	Lime				

## DRILL STEM TESTS

DATE	TYPE OF TEST	FORMATION TESTED FROM	TO	SIZE CHOKE TOP BOTTOM	TOOL OPEN MINUTES	FORMATION FLOWING	PRESSURE SHUT-IN	RECOVERY - FEET OIL	RECOVERY - FEET MUD
9-6-53	O. H.	3780	3835	1" 1"	33	28	28		
9-16-53	O. H.	4420	4465	1" 5/8"	168	270	1400	45.54	30a

a - Very light oil trace

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.

September 25, 1953 (Date)  
 Company or Operator Humble Oil & Refining Co. Address Box 2347, Hobbs, N. M.  
 Name M. M. Rogers Position or Title District Superintendent