



# 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

AREA 640 ACRES  
LOCATE WELL CORRECTLY

**Burnham Oil Company** (Company or Operator) **Humble State** (Lease)

Well No. 2, in NE/4NW/4 of SW/4, of Sec. 22, T. 18 S, R. 28 E, NMPM.

Artesia Pool, Eddy County.

Well is 2310 feet from South line and 990 feet from West line of Section 22. If State Land the Oil and Gas Lease No. is B-11540.

Drilling Commenced April 20, 1956 Drilling was Completed August 2, 1956

Name of Drilling Contractor Burnham Oil Company

Address Box 65 Artesia, New Mexico

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

### OIL SANDS OR ZONES

No. 1, from 2498' to 2507' 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 2250' to 2260' 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"	28 lb.	Used	500'	Texas	None	None	Shut off water
5 1/2"	15 1/2 lb.	New	2510'	Float	None	None	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
10"	8"	500'	50	Haliburton		None
8"	5 1/2"	2510'	50	Haliburton		None

### RECORD OF PRODUCTION AND STIMULATION

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

Sand Crack with 10,000 lbs. sand; 10,000 gallons of lease oil; treated from  
2498' to 2507'.

Result of Production Stimulation Increase from 8 gallons per day to 25 bbls. per day.

Depth Cleaned Out 2515'

**LOG 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 \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
 Cable tools were used from **top** feet to **2685'** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

**PRODUCTION**

Put to Producing **August 3**, 19 **56**

OIL WELL: The production during the first 24 hours was **25** barrels of liquid of which **100** % was  
 was oil; **-0-** % was emulsion; **-0-** % water; and **-0-** % was sediment. A.P.I.  
 Gravity **36**

GAS WELL: The production during the first 24 hours was **-0-** M.C.F. plus **25** barrels of  
 liquid Hydrocarbon. Shut in Pressure **75** lbs.

Length of Time Shut in **24 hours**

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy. <b>and Red Beds 500'</b>	T. Devonian.....	T. Ojo Alamo.....	
T. Salt <b>550'</b>	T. Silurian.....	T. Kirtland-Fruitland.....	
B. Salt <b>650'</b>	T. Montoya.....	T. Farmington.....	
T. Yates.....	T. Simpson.....	T. Pictured Cliffs.....	
T. 7 Rivers.....	T. McKee.....	T. Menefee.....	
T. Queen <b>1700'-1780'</b>	T. Ellenburger.....	T. Point Lookout.....	
T. Grayburg <b>2120'</b>	T. Gr. Wash.....	T. Mancos.....	
T. San Andres <b>2295'</b>	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
<b>Top</b>	<b>550</b>	<b>550</b>	<b>Red beds and anhydrite</b>				
<b>550</b>	<b>650</b>	<b>100</b>	<b>Salt</b>				
<b>650</b>	<b>1700</b>	<b>1050</b>	<b>Red beds and anhydrite</b>				
<b>1700</b>	<b>1780</b>	<b>80</b>	<b>Red sand</b>				
<b>1780</b>	<b>2250</b>	<b>470</b>	<b>Anhydrite Red Beds</b>				
<b>2250</b>	<b>2260</b>	<b>10</b>	<b>Water sand</b>				
<b>2260</b>	<b>2295</b>	<b>35</b>	<b>Lime</b>				
<b>2295</b>	<b>2498</b>	<b>203</b>	<b>San Andres Lime</b>				
<b>2498</b>	<b>2507</b>	<b>9</b>	<b>Oil sand</b>				
<b>2507</b>	<b>2685</b>	<b>178</b>	<b>White lime</b>				
<b>Total depth</b>			<b>2685'</b>				

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.

**August 6, 1956**

Company or Operator **Burnham Oil Company**

Address **P. O. Box 65 Artesia, New Mexico**

Name *M. J. Depena*

Position or Title **Agent**