

NEW MEXICO OIL CONSERVATION COMMISSION

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Sec. 35

HOBBS OFFICE OCC  
State of New Mexico

1959 AUG 27 AM 10:08  
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

BURK ROYALTY COMPANY

(Company or Operator)

Neal

(Lease)

Well No. 4, in SE 1/4 of NE 1/4, of Sec. 35, T. 20, R. 34, NMPM.  
Lynch Pool, Lea County.

Well is 1650 feet from North line and 990 feet from East line of Section 35. If State Land the Oil and Gas Lease No. is Patented

Drilling Commenced 7/29/59, 19..... Drilling was Completed 8/7/59, 19.....

Name of Drilling Contractor Alan Drilling Co.

Address Wichita Falls, Texas

Elevation above sea level at Top of Tubing Head 3762.2. The information given is to be kept confidential until Not, 19.....

OIL SANDS OR ZONES

No. 1, from 3710 to 3728 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"	28#	N	187'	-			Surface
4-1/2"	11.5#	N	3808'			3710-38; w/a	Oil
2" @ 3690'							

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"	187'	125 sk	M&P	Chem	
7"	4-1/2"	3808'	150 sk	"		

RECORD OF PRODUCTION AND STIMULATION

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

5 frac w/3000# sand 240 bbls. lease crude

Result of Production Stimulation Well pumped 48 TBO O EW 24 hrs 8/24/59

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 TD 3820 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

**PRODUCTION**

Put to Producing 8/24/59, 19\_\_\_\_.

OIL WELL: The production during the first 24 hours was 48 barrels of liquid of which 100% was oil; \_\_\_\_\_% was emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% was sediment. A.P.I. Gravity \_\_\_\_\_.

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>1685</u>	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	<u>1815</u>	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	<u>3420</u>	T. Montoya.....	T. Farmington.....
T. Yates.....	<u>3595</u>	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....		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	65		Surface Shale	3646	3650		Lime
65	200		Shale & Lime Stracks	3650	3656		Sand
200	595		Shale, sand and Lime	3656	3658		Sand
595	1015		Shale & Lime Stracks	3658	3671		Sand Shale
1015	1296		Shale	3671	3705		Lime
1296	1684		Shale and Lime Stracks	3705	3725		Lime & Sand
1684	1705		Lime & Shale	3725	3746		Lime
1705	1793		Shale and Lime	3746	3755		Sand Limey
1793	2073		Shale, Lime & Salt	3755	3814		Lime
2073	2111		Shale & Salt Strks	3814	3820		Sand
2111	2219		Lime & Salt Strks			TD 3820	
2219	2321		Salt & Shale & Anhy				2 copies Lane Wells log attached
2321	2447		Lime & Salt				
2447	2816		Salt				
2816	2950		Salt & Shale strks				
2950	2987		Shale & salt strks				
2987	3119		Salt & Lime Strks				
3119	3228		Salt				
3228	3247		Anhy				
3247	3426		Salt				
3426	3437		Anhy & Salt				
3437	3592		Lime				
3592	3618		Sand and sandy Lime				
3618	3632		Lime				
3640	3646		Sand				

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. PC 1518 and 45

August 26, 1959 (Date)

Company or Operator BURK ROYALTY COMPANY Address 800 Oil & Gas Bldg. Wichita Falls, Tex.

Name [Signature] Position Agent