



U. S. LAND OFFICE  
SERIAL NUMBER **LC-066126**  
LEASE OR PERMIT TO PROSPECT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**LOG OF OIL OR GAS WELL**

LOCATE WELL CORRECTLY

Company **BURK ROYALTY COMPANY** Address **800 Oil & Gas Bldg., Wichita Falls, Tex.**  
 Lessor or Tract **Hanson Federal** Field **Undesignated** State **NM**  
 Well No. **1** Sec. **25** T. **20** R. **34** Meridian **N7P1** **Lynch Area** County **Lea**  
 Location **330** ft. **N** of **S** Line and **330** ft. **E** of **W** Line of **Sec. 25** Elevation **3720** GL  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed \_\_\_\_\_  
 Date **Nov. 11, 1959** Title \_\_\_\_\_

The summary on this page is for the condition of the well at above date.  
 Commenced drilling **6/23/59**, 19\_\_\_\_ Finished drilling **7/23/59 P&A 10/30/59**, 19\_\_\_\_

**OIL OR GAS SANDS OR ZONES**

(Denote gas by G)

No. 1, from **0** to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

**IMPORTANT WATER SANDS**

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

**CASING RECORD**

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
<b>5-5/8"</b>	<b>26#</b>	<b>8</b>	<b>-</b>	<b>195'</b>					<b>Surface</b>
<b>5-1/2"</b>	<b>14#</b>	<b>8</b>	<b>-</b>	<b>3857'</b>	<b>Recovered 1166'</b>	<b>5-1/2"</b>			<b>-</b>

**MUDDING AND CEMENTING RECORD**

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<b>5-5/8"</b>	<b>195'</b>	<b>125</b>	<b>P&amp;P</b>	<b>Chem</b>	
<b>5-1/2"</b>	<b>2857'</b>	<b>75 ex Pozzix 6'</b>	<b>gal 75 ex common, 50 ex Latex</b>		<b>-</b>

**PLUGS AND ADAPTERS**

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
 Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

**SHOOTING RECORD**

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

**TOOLS USED**

Rotary tools were used from **0** feet to **TD 386'** **Atlas Drilling Co. Contr** to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

**Dry and Abandoned**, 19\_\_\_\_ Put to producing \_\_\_\_\_, 19\_\_\_\_  
 The production for the first 24 hours was **0** barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_  
 If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
 Rock pressure, lbs. per sq. in. \_\_\_\_\_

**EMPLOYEES**

**Lloyd Wills**, Driller \_\_\_\_\_, Driller  
**W. L. Harris**, Driller \_\_\_\_\_, Driller

**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
0	50		Surface Shale
50	195		Shale & Sand Streaks
195	470		Shale & Sand
470	1151		Shale & Sand Streaks
1151	1422		Shale & Lime
1422	1490		Shale & Lime Streaks
1490	1630		Shale and Lime
1630	1727		Shale & Anhy
1727	1748		Shale & Sd
1748	1994		Lime & Shale
1994	2169		Shale & Sand & Lime Strks
2169	2181		Lime
2181	2202		Shale & Lime
2202	2397		Lime & Potash
2397	2733		Salt & Anhy
2733	2799		Salt & Lime
2799	2989		Salt & Potash
2989	3008		Shale & Salt
3008	3042		Salt & Potash
3042	3051		Shale & Salt
3051	3106		Salt & Potash
3106	3235		Salt & Lime Streaks
3235	3261		Anhy
3261	3421		Salt & Lime
3421	3644		Sand & Lime
3644	3656		Sand & Shale

FOLD MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
3656 3669 3673 3681 3693 3697 3711 3736 3740 3796 3836 3843	3669 3673 3681 3693 3697 3711 3736 3740 3796 3836 3843 3864		Lime Sand Lime Sand Lime Sand & Lime Streaks Lime Sand Lime Lime Lime Lime Sand & Lime Lime TD
Formation Record cont'd 3656 3669 3673 3681 3693 3697 3711 3736 3740 3796 3836 3843	3669 3673 3681 3693 3697 3711 3736 3740 3796 3836 3843 3864	2 copies electric log attached	Tops: A-1665 X-1752 BX-3450 Y-3634

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL