

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

1963 JUL 29 10 04
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Burk Royalty Company Address _____
 Lessor or Tract Hanson "G" Field Lynch State New Mexico
 Well No. 1 Sec. 23 T. 20S R. 34E Meridian NMPM County Lea
 Location 330 ft. [N.] of S. Line and 330 ft. [E.] of W. Line of Section 23 Elevation 3689
 (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 H. L. Smith

Date July 25, 1963 Title Agent

The summary on this page is for the condition of the well at above date.

Commenced drilling July 9, 1963 Finished drilling July 17, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3588 to 3596 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 None logged to _____ No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
2 5/8	266	100	Pump & Plug		
2 1/2	3699	330	Pump & Plug		

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
Treated with 10,000 gal. oil & 10,000# sand						

TOOLS USED

Rotary tools were used from 0 feet to 3700 feet, and from _____ feet to _____ feet.

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

DATES

-----, 19----- Put to producing ----- **July 23** -----, 19**63**

The production for the first 24 hours was 76 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 22.9

If gas well, cu. ft. per 24 hours ----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

M. D. Mosley, Driller C. E. Leatherwood, Jr., Driller

C. L. Beck, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	72	72	Surface sands
72	842	770	Red bed
842	1664	822	Red bed & lime
1664	3256	1592	Anhydrite & salt
3256	3461	205	Anhydrite
3461	3700	239	Dolomite & sand
			Electric log tops:
			Anhydrite 1565
			Salt 1690
			Base salt 3280
			Yates 3470

FORMATION RECORD—Continued

[illegible]

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 punping or bailing.