



NOV 27 1963
E. G. HUBBLE
ACTING DISTRICT ENGINEER

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office _____

Lease No. **IC 066126**

Unit _____

HUBBLE'S OFFICE D. C. C.
NOV 28 1963
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SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	X
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 26, 1963

Well No. **2** is located **1650** ft. from **S** line and **330** ft. from **W** line of sec. **23**

NW/4 Sec. 23 **20 S** **34 E** **MPM**
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Undesignated (Lynch) **Lea** **New Mexico**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Plugged and abandoned 12:01 P. M. 8/24/63 as follows:

- 50 sacks at total depth 3672
- 20 sacks at 3300
- 20 sacks at 1750
- 33 sacks at 300
- 8 5/8" casing at 250' left in hole.
- 10 sacks in top 8 5/8" casing w/ regulation marker.
- Rotary mud (wt. 10.4#) between all plugs.

Location cleared and levelled and ready for inspection.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Burk Royalty Company**

Address **c/o Oil Reports and Gas Services**

Box 763

By *A. L. Smith*

Hobbs, New Mexico

Title **Agent**

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

X					

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 Field Undesignated State New Mexico
 Well No. 2 Sec. 23 T. 20S R. 34E Meridian NMPM County Lea
 Location 1650 ft. ^[N] of 5 Line and 330 ft. ^[E] of W Line of Section 23 Elevation 3694 KB
(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 A. L. Smith

Date September 4, 1963 Title Agent

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

Commenced drilling August 17, 1963 Finished drilling August 24, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from none 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 none logged 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—	
<u>8 5/8</u>	<u>28#</u>	<u>8 R</u>	<u>SH</u>	<u>250</u>	<u>Guide</u>				<u>Surface pipe</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 5/8</u>	<u>250</u>	<u>150</u>	<u>Pump & Plug</u>		

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 _____ feet to 3672 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Plugged August 24, 1963 Put to producing _____, 19____
 The production for the first 24 hours was _____ 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

D. L. Riley, Driller Jene Herd, Driller
E. L. Hughes, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	50	50	Surface sand & caliche
50	1585	1535	Red Bed
1585	1848	263	Anhydrite & gypsum
1848	2200	352	Salt
2200	3272	1072	Salt & anhydrite
3272	3318	46	Anhydrite
3318	3510	192	Dolomite & anhydrite
3510	3672	162	Dolomite & sand
Electric Log Tops:			
Anhydrite	1585		
Top Salt	1712		
Base Salt	3274		
Top Yates	3466		
			Deviation Surveys:
			<u>Depth</u> <u>Degrees</u>
			90 1/2
			264 3/4
			1122 1/2
			1314 3/4
			1795 1 1/4
			2193 1 3/4
			2440 2
			2590 2
			2780 2 1/2
			2874 3 1/4
			2965 3 3/4
			2996 3 1/4
			3090 3
			3182 3
			3244 2 3/4
			3337 2 3/4
			3510 2
			3672 1 3/4

FOLD MARK

