

New Mexico

U. S. LAND OFFICE NM 01218

SERIAL NUMBER

LEASE PERMIT TO PROSPECT
Elliott-HallUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **S. P. Yates & Martin Yates III** Address **309 Carper Bldg., Artesia, NM**
Lessor or Tract **Elliott-Hall** Field **Lusk-Strawn** State **New Mexico**
Well No. **2** Sec. **30** T. **19S** R. **32E** Meridian **N.M.P.M.** County **Lea**
Location **1980** (N.) of **S** Line and **1997** (E) of **W** Line of **Sec. 30** Elevation **3543**
(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

Agent

Date **January 4, 1963**

Title

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

Commenced drilling **November 21**, 19 **62** Finished drilling **January 3**, 19 **63**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **11156'** to **11294'** 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—	
11 3/4 42#	8	New	880	Float					surface
8 5/8 32#	8	New	4450	Float					Salt string
4 1/2 13.5#	8	New	3075				11234'	11242'	Prod.
4 1/2 11.6#	8	New	8249	float			2 shots/ft.		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
11 3/4	880'	600	pump		
8 5/8	4450'	3845	pump		
4 1/2	11324'	350	pump		

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
		Not treated				

TOOLS USED

Rotary tools were used from **0** feet to **11325** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

January 4, 19 **63** Put to producing **January 3**, 19 **63**

The production for the first **24** hours was **326** barrels of fluid of which **100** % was oil; **0** %
emulsion; **0** % water; and **0** % sediment. Gravity, °Bé. **46.2**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Marvin Droigh, Driller **R. J. Terrell**, Driller
P. J. Carre, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	880	880	Anhydrite
880	1320	440	Lime & Anhydrite
1320	2922	1602	Anhydrite
2922	3337	415	Lime & Anhydrite
3337	3765	428	Lime
3765	4256	491	Anhydrite
4256	8117	3861	Lime
8117	9902	1785	Lime & Shale
9902	10340	438	Lime
10340	11010	670	Lime & shale
11010	11236	226	Lime chert
11236	11325-T.D.	89	Lime & shale

(Over)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
FORMATION TOPS FROM Electric Log:			
Rustler Anh.			
780.			
Salado			
1042.			
Tonsill			
2353.			
Yates			
2537.			
Captain			
2910.			
Delaware			
5634.			
Bone Spring			
7132.			
1st. B.S. Sand			
8325.			
Lower B.S. Sand			
9856.			
Wolfcamp			
10360.			
Strawn			
11070.			
Measurements from KDB - Height 16.			

HISTORY OF OIL OR GAS WELL

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.