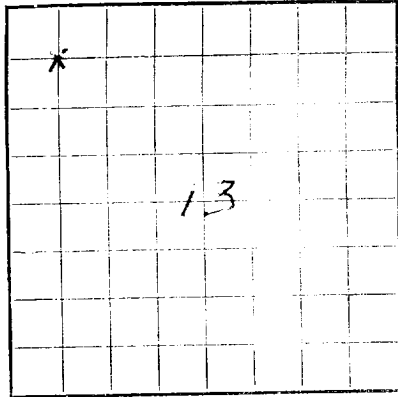


U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER 065128-C  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Harvey L. Yates Address 314 Carper Bldg., Artesia, New Mexico  
Lessor or Tract Buffalo Field South Salinas State New Mexico  
Well No. 1 Sec. 13 T. 12S R. 32E Meridian N.M.P.M. County Lea  
Location 660 ft. N. of 660 ft. E. of Line of Sec 13 Elevation 3837  
(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 \_\_\_\_\_ Title Bookkeeper  
Date April 29, 1957

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

Commenced drilling April 3, 1957 Finished drilling April 25, 1957

OIL OR GAS SANDS OR ZONES  
(Denote gas by G)

No. 1, from 3118 to 3250 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 4031 to 4054 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—	
8 5/8	24			1374	Texas pattern				
5 1/2	14.755			3393	Float collar & guide shoe				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used	
					From—	To—
8 5/8	1374	100 sacks 50-50 Pozmix	Halliburton			
5 1/2	3393	230 sacks 50-50 Pozmix	"			

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 4048 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

April 29, 1957 Put to producing April 29, 1957  
The production for the first 24 hours was 54 barrels of fluid of which 100% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallens gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

EMPLOYEES

H. J. Romine, Driller J. B. Johnson, Driller  
A. V. Johnson, Driller \_\_\_\_\_, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	355		Surface
355	755		Red Bed
755	<del>1011</del> 825		Red Bed & Shale
825	1011		Shale & Gyp streaks
1011	1190		Red Bed Shale
1190	1286		Red Bed, Gyp, Anhy
1286	1374		Anhy & Gyp
1374	2630		Anhy & Salt
2630	3176		Anhy, Gyp, Salt
3176	3781		Anhy, Gyp, <del>lime</del>
3781	3980		Anhy, Gyp, Lime
3980	4086		cores
4086	4240		Anhy & Gyp
4240	4291		cores
4291	4382		Anhy & Gyp
4382	4518		Anhy & Lime
4518	4848 T.D.		Lime - Dolo

