

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **NM 03283**
LEASE OR PERMIT TO PROSPECT **LMY**

NOTED
JAN 11 1962
STANDLEY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **S. P. Yates** Address **309 Carper Bldg., Artesia, N.M.**
Lessor or Tract **LMY** Field **Allison-Penn** State **New Mexico**
Well No. **2** Sec. **33** T. **8 S** R. **37 E** Meridian **N.M.P.M.** County **roosevelt**
Location **1874** ft. **XXX** of **N** Line and **1874** ft. **XXX** of **W** Line of **Sec. 33** Elevation **4034**
(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 *[Signature]*

Date **January 5, 1962** Title **Office Manager**

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

Commenced drilling **11-24**, 19 **61** Finished drilling **December 31**, 19 **61**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **9562** to **9567** No. 4, from _____ to _____
No. 2, from **9572** to **9577** 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
10 3/4	32.75	8 RTH	CFI	14850	float		From _____ To _____	Surface
7 5/8	26.40	8	CFI	4177	float		From _____ To _____	Intermediate
4 1/2	11.60	8	J & L	9636	Float		From 9562 To 9567 From 9572 To 9577	Oil string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	348	225	Pump		
7 5/8	4177	150 HYS 400 +150 SAX	pump		
4 1/2	9636	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
Treated with 500 gal. spearhead acid, follow with 6000 gallons regular acid in two 3000 gallon stages.						

TOOLS USED

Rotary tools were used from **0** feet to **9670** feet, and from _____ feet to _____ feet

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

DATES

January 5, 19 **62** Put to producing **January 4,** 19 **62**

The production for the first **10** hours was **167** barrels of fluid of which **100%** was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. **46°**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

P. G. Landrun, Driller _____, Driller

A. G. Martin, Driller _____, Driller

A. L. Williams -- Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2333	2333	Sand & Red Beds
2333	2892	559	Anhydrite & Salt
2892	4170	1278	Sand & Anhydrite
4170	5545	1375	Dolomite
5545	7700	2155	Sand, Dolomite & Shale
7700	9026	1326	Shale & Dolomite
9026	9670	644	Shale & Limestone

9670' Total Depth

Log Tops:

Rustler 2333'
Yates 2892'
San Andres 4170'
Glorieta 5545'
Abo 7700'
Hueco 9026'
Penn 9438'
Bough "C" 9552'

[illegible]

Total depth of well is 9670'. Oil string of 4 1/2" casing was set at 9636'. Plugged back total depth is 9603'. Oil string of casing was perforated from 9562' to 9567' and 9572' to 9577' with 4 shots per foot to test the Penn Bough "C" formation. Well was treated through perforations with 500 gallons spearhead acid followed by 6000 gallons regular acid in two 3000 gallon stages. First stage treated in vacuum. Dropped 20 rubber balls, pressure rose to 5000#, broke and treated at 1000#. Swabbed back load, well flowed 167 bbls of oil in 10 hrs. Choke 12/64, T. P. 338#.

Choke 12/64, T. P. 338#.