Budget Bureau No. 42-R355.1.
Approval expires 11-30-49.

Form 9-330

U. S. LAND OFFICE LC
SERIAL NUMBER 057443 (a)
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Neville G. Penrose, Inc. Address 1813 Fair Building, Ft. Worth, Tex.
Lessor or Tract Ohio Federal Field Littman State New Mexico
Well No. 1 Sec. 18 T. 21-S R. 38-E Meridian NMPM County Lea
Location 330 ft. {N.} of Line and 330 ft. {E.} of Line of Section 18 Elevation 3572 df
(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.

Date January 15, 1955 Signed John P. McNaughton
Title John P. McNaughton, Engineer

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

Commenced drilling 11-26-54, 19.... Finished drilling 1-6-55, 19....

OIL OR GAS SANDS OR ZONES

4330 4369 (Denote gas by G)

No. 1, from ..... 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 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 From—	Perforated To—	Purpose
8-5/8	28#	8Rd	Nat'l	1645	Larkin	-	-	-	Protection
7	20#	8 Rd.	Nat'l	4341	Larkin				Oil

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
None					

FOLD MARK

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

DATES
0 1645
19.... 19....
1645 4369
Put to producing ....., 19....

The production for the first 24 hours was ..... barrels of fluid of which ..... % was oil; ..... % emulsion; ..... % water, and ..... % sediment. January 15 65 Gravity, °Bé

If gas well, cu. ft. per 24 hours ..... 60 Gallons gasoline per 1,000 cu. ft. of gas .....
Rock pressure, lbs. per sq. in. ..... 100 310 January 14 55

EMPLOYEES

....., Driller ....., Driller
....., Driller ....., Driller
Cactus Drilling Co.

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1618	1618	Red sand and shale
1618	1715	97	Anhydrite
1715	2770	1055	Salt with anhydrite stringers
2770	2915	145	Anhydrite
2915	3025	110	Sand, Sandy shale and anhydrite
3025	3155	130	Anhydrite, dolomite and sandy shale
3155	3215	60	Sand
3215	4100	885	Anhydrite with dolomite and sand stringers
4100	4250	150	Dolomite with stringers of bentonite, sand, anhydrite and and dolomite
4250	4330	80	Dolomite
4330	4369	39	

(OVER)

16—43094-2

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-1 U. S. GOVERNMENT PRINTING OFFICE

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.