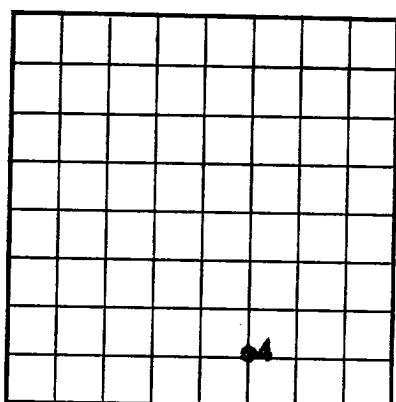




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **060811**
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Neville G. Penrose, Inc.** Address **1813 Fair Building, Ft. Worth, Texas**
Lessor or Tract **Union Federal** Field **Dickey-Queen** State **New Mexico**
Well No. **4** Sec. **15** T. **14** R. **31** Meridian **NMPM** County **Chaves**
Location **660** ft. {N. of **5** Line and **1980** ft. {W. of **E** Line of **Section 15** Elevation **4424 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.

Signed **John P. M. Naylor**
Title **Engineer**Date **November 3, 1954**

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

Commenced drilling **October 3**, 19 **54** Finished drilling **October 27**, 19 **54**

OIL OR GAS SANDS OR ZONES

(Denote gas by G) No. 1, from **3083** to **3087** 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—	
12-3/4	45.8	10	280	200	Larkin	none	none	none	surface
8-7/8	28	8	280	125	Larkin	none	none	none	surface
7	20	8	280	125	Larkin	none	none	none	surface
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
12-3/4	280	200	Perkins	-	
7	3075	125	"		

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
none						

TOOLS USED

Rotary tools were used from **0** feet to **1402** feet, and from _____ feet to _____ feet
Cable tools were used from **1402** feet to **TD** feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **11-7**, 19 **54**
The production for the first 24 hours was **63** barrels of fluid of which **100** % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **36**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	280	280	Red back and sand
280	1395	1115	Red back
1395	1518	123	Anhydrite
1518	2153	635	Salt
2153	2310	157	Anhydrite with stringers/salt and shale
2310	2440	130	Sand, anhydrite, with shale
2440	3083	643	Anhydrite with sand, salt, shale
3083	3087	4	Oil sand
FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD—Continued

LEASE OR PERMIT TO PROSPECT
SERIAL NUMBER
U. S. LAND OFFICE
14-11111

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

[illegible]

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

Location of _____ ft. [N.] of _____ Line and _____ ft. [W.] of _____ Line of _____ Elevation _____ (Elevations relative to sea level)

Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____ County _____ State _____

Lessor or Trust _____ Field _____ State _____

Company _____ Address _____

The summary on this page is for the condition of the well at _____

Date _____ Title _____

Page _____ of _____

[illegible]

OIL OR GAS SANDS OR ZONES

No. 1 from _____ to _____ This is first well completed with a lease oil fracture treatment that has up O.K.

No. 2 from _____ to _____ plugged after treatment. Flushed with 500 gallon kerosene to break block. Cleaned

No. 3 from _____ to _____ Well was sandfract with 8,000 gallons lease oil plus 4000' sand. Formation IMPORTANT WATER SANDS

No. 4 from _____ to _____

No. 5 from _____ to _____

CASING RECORD

Case	Weight per foot	Length in feet	Marks	Amount	Kind of shoe	Cut and pulled from		Perforated	Date
						From	To		
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 attacked or left in the well, give its size and location. If the well has been damaged, give date, position, and nature of work. If bridges or bridges were put in to test for water, state kind of material used, position, and amounts of pumping or running.									

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-45004-1

MILDDING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

SHOOTING RECORD		ADAPTATION	
Length	Depth sec	Material	Material
		Heaving plug	

SHOOTING RECORD

[illegible]

TOOL 2 USED

feet	of feet	mori has, feet	et feet	mori been arey about vityaty
feet	of feet	mori has, feet	et feet	mori been arey were used from

DATE

It was well run for 24 hours	% water; and	% sediment
Gallons gasoline per 1,000 cu. ft. of gas	Gravity, 86° F.	% was oil; %
Put to producing	10	

EMPLOYEES

Driller	Driller	Driller
Driller	Driller	Driller

FORMATION RECORD

[illegible]