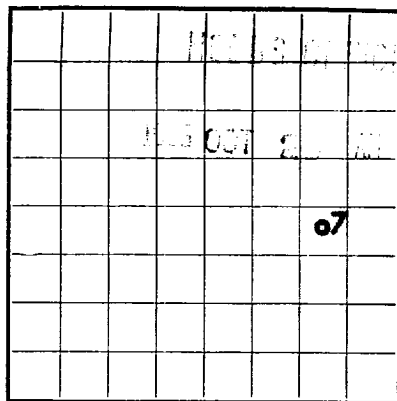


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 060811
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Neville G. Penrose, Inc. Address 1813 Fair Bldg., Ft. Worth, Texas
Lessor or Tract Union Federal Field Caprock-Queen State New Mexico
Well No. 7 Sec. 15 T. 14S R. 31E Meridian N.M.P.M. County Chaves
Location 2310 ft. N. of S. Line and 990 ft. E. of E. Line of Section 15 Elevation 4295
(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. PenroseDate October 21, 1955Title Vice-President

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

Commenced drilling August 25, 1955 Finished drilling September 25, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2955 to 2963 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	45.45	8	—	183	Larkin	—	—	—	surface
8-5/8	32	8	—	183	Larkin	—	—	—	production
7	24	8	—	183	Larkin	—	—	—	production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
12-3/4	183	200	Circulation	—	—
7	2950	125	Perkins Plug	—	—

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 Surface feet to 1420 feet, and from _____ feet to _____ feetCable tools were used from 1420 feet to 1420 feet, and from _____ feet to _____ feet

DATES

October, 1955 Put to producing October, 1955The production for the first 24 hours was 76 barrels of fluid of which 100% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Thomas Drilling Co., Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1270	1270	Red beds
1270	1380	110	Anhydrite
1380	2010	630	Salt
2010	2160	150	Salt and Anhydrite
2160	2285	125	Sand and Anhydrite
2955	2963	8	Oil Sand
FORMATION TOPS			
Anhydrite	1270		
Top Salt	1380		
Base Salt	2010		
Yates	2160		
Queen	2955		

U.S. LAND OFFICE
SPECIAL NUMBER
CASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATION MAP CORRECTLY

Form No. 1

Company Name
Based on Form
Well No. X
Location
The location of the well is a corner of the section of the well and all work done thereon
The well is located in the corner of the section of the well and all work done thereon
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OIL OR GAS SAMPLES OR ZONES	
Zone No. 1	From 0 to 100 feet
Zone No. 2	From 100 to 200 feet
Zone No. 3	From 200 to 300 feet

IMPORTANT WATER SAMPLES
Treated down casing with 3 pumps. Injection rate: 18-20 BPM.
Treated with sandrac, 8,000 gallons to 4,000 lbs. sand.
Casing Record

Depth	Amount	Kind of material	Notes
0 to 100 feet	100 lbs.	Sandrac	
100 to 200 feet	200 lbs.	Sandrac	
200 to 300 feet	300 lbs.	Sandrac	

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.

HISTORY OF OIL OR GAS WELL			
MILKING AND CEMENTING RECORD			
Depth	Amount	Kind of material	Notes
0 to 100 feet	100 lbs.	Sandrac	
100 to 200 feet	200 lbs.	Sandrac	
200 to 300 feet	300 lbs.	Sandrac	
PISTONS AND ADAPTERS			
Depth	Amount	Kind of material	Notes
0 to 100 feet	100 lbs.	Sandrac	
100 to 200 feet	200 lbs.	Sandrac	
200 to 300 feet	300 lbs.	Sandrac	
SHOOTING RECORD			
Depth	Amount	Kind of material	Notes
0 to 100 feet	100 lbs.	Sandrac	
100 to 200 feet	200 lbs.	Sandrac	
200 to 300 feet	300 lbs.	Sandrac	
TOOLS USED			
Depth	Amount	Kind of material	Notes
0 to 100 feet	100 lbs.	Sandrac	
100 to 200 feet	200 lbs.	Sandrac	
200 to 300 feet	300 lbs.	Sandrac	
DATES			
Depth	Amount	Kind of material	Notes
0 to 100 feet	100 lbs.	Sandrac	
100 to 200 feet	200 lbs.	Sandrac	
200 to 300 feet	300 lbs.	Sandrac	
EMPLOYEES			
Depth	Amount	Kind of material	Notes
0 to 100 feet	100 lbs.	Sandrac	
100 to 200 feet	200 lbs.	Sandrac	
200 to 300 feet	300 lbs.	Sandrac	
FORMATION RECORD			
Depth	Amount	Kind of material	Notes
0 to 100 feet	100 lbs.	Sandrac	
100 to 200 feet	200 lbs.	Sandrac	
200 to 300 feet	300 lbs.	Sandrac	