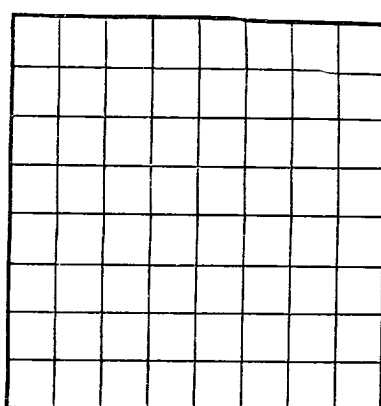


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 072006
LEASE OR PERMIT TO PROSPECT



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 Republics Federal Field Drickey State New Mexico
 Well No. 1 Sec. 11 T. 14S R. 31E Meridian NMPM County Chaves
 Location 660 ft. [N] of N Line and 1980 ft. [E] of E Line of Section 11 Elevation 4396 G
[S] [W] 4400 DF

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 /s/ John P. McNaughton

Date 6/7/54

Title **Engineer**

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

Commenced drilling 4/7, 1954 Finished drilling 4/25, 1954

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

No. 1, from 3062 to 3068 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. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	265'	265	Perkins Plug	-	-
7"	3058	125	Perkins Plug		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 1423' feet, and from _____ feet to _____ feet
Cable tools were used from 1423 feet to 3068 feet, and from _____ feet to _____ feet

DATES

....., 19..... Put to producing **June 1** 19 **54**

The production for the first 24 hours was 35 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

EMPLOYEES

Cactus Drlg. Co. _____, Driller _____, Driller	_____, Driller _____, Driller
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FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	100	100	Shale and Sand
100	1415	1315	Red Beds
1415	1495	80	Anhydrite
1495	2140	645	Salt
2140	2295	155	Anhydrite and Salt
2295	2415	120	Sand and Anhydrite
2415	3064	649	Anhydrite w/thin beds salt and sand
3064	3068	4	Oil Sand

TOTAL FIRST

[illegible]

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.

Well would not flow natural. Treated with 4000 gal. oil plus 60000 # sand.

Well swabbed 35 bbls. in 24 hours. Washed with 500 gallons kerosene. Well tried to

Flow. Put on pump and potentialled 46 bbls. oil/day.