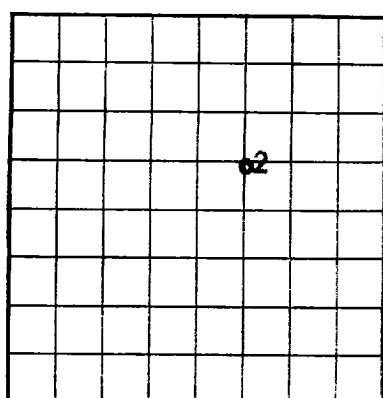


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 072006
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Neville G. Penrose, Inc. Address 1813 Fair Bldg., Ft. Worth, Texas
 Lessor or Tract Republic-Federal Field Drickey State New Mexico
 Well No. 2 Sec. 11 T. 14S R. 31E Meridian N.M.P.M. County Chaves
 Location 1980 ft. ^(N) of N Line and 1980 ft. ^(E) of E Line of Section 11 Elevation 4396 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 John P. McNaughton
Title Engineer

Date 9-21-54

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

Commenced drilling ----- **July 19** -----, 19**54** Finished drilling ----- **August 8** -----, 19**54**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3064 to 3072 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
12-3/4	288	190	Perkins		
7"	3052	125	"		

PLUGS AND ADAPTERS

Heaving plug—Material none 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 3 feet to 1410 feet, and from _____ feet to _____ feet
Cable tools were used from 1410 feet to 3072 feet, and from _____ feet to _____ feet

DATES

-----September 21-----, 1954 Put to producing -----August 24-----, 1954

The production for the first 24 hours was 70 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

Cactus Drilling Co.	Driller	Driller
	Driller	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1410	1410	Red beds
1410	1530	120	Anhydrite and red shale
1530	2130	6 00	Salt
2130	2290	160	Anhydrite, salt and red shale
2290	2450	160	Dolomitic anhydrite, shale, sand
2450	3064	614	Anhydrite, shale, sand
3064	3072	8	Oil sand

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

16-43094-1

U. S. GOVERNMENT PRINTING OFFICE

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.

Sandfract with 8,000 gal. oil and 4,000# sand on completion.