

U.S. LAND OFFICE Los Cruces
SERIAL NUMBER 040811
LEASE OR PERMIT TO PROSPECT

1955 LEASE OR PERMIT TO PROSPECT
15 AM 10:18
STATES

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. 6-X Sec. 15 T. 14-S R. 31-E Meridian N.M.P.M. County Chaves
Location 1010 ft. N. of S Line and 1980 ft. E. of W Line of Section 15 Elevation 4426
Drick & Co., Inc., Houston, Texas

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 September 6, 1955 Signed John P. McLaughlin
Title Engineer

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

Commenced drilling ----- **June 21** -----, 19**55** Finished drilling ----- **August 12** -----, 19**55**

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

No. 1, from 3080 to 3081 ~~to 3082~~ 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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
12-3/4	45.5	10	-	249	Larkin	-	-	Surface	
of spots - 20 bands or pieces were put in to test - 100% Larkin and material used' position' and results of both production' side tracked or left in the well' state its size and location'. If the well has been abandoned' state date' size' position' and unimpaired with the reasons for the work and its results'. If there were any changes made in the casing' state in [] and if any casing was it is of the [] since [] about [] to have a complete history of the well. Please state in detail the dates of recording' together.									
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	249	250	Circulation	-	
7		-	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 -0- feet to 1410 feet, and from _____ feet to _____ feet
Cable tools were used from 1410 feet to TD feet, and from _____ feet to _____ feet

DATES

-----, 19----- Put to producing ----- **August 15** -----, 19**55**.

The production for the first 24 hours was 648 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

-----, Driller
 -----, Driller
 -----, Driller
 -----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1405	1405	Red Beds
1405	1530	125	Anhydrite
1530	2138	608	Salt
2138	2298	160	Anhydrite and Salt
2298	2420	122	Sand and Anhydrite
2420	3080	660	Anhy. w/streaks of salt, sand, and shale
3080	3081	1	Oil Sand

CLASS OR PERMIT TO PROSPECT
SERIAL NUMBER 0635
U.S. LAND OFFICE
MAY 1964

01 : 01

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WITH CONFIDENCE

A large grid of 10 columns and 10 rows for handwritten notes.

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 _____

Location: N. 1/4 of Sec. 10, T. 18N., R. 17E., M. 10W. of 2nd Line and 3rd ft. E. of W. line of Section 10
Elevation 4415
County: Harvey State: Iowa

Owner or Operator _____
Address: _____
City: _____ State: _____

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

Date	Summary	Title
1967-08-15	Completed drilling	Well No. 1

OIL OR GAS SANDS OR ZONES

(7) $\text{ad } 2\pi\pi$ (b) $\text{ad } 2\pi\pi$

to 100% from 100% to 100%
to 100% from 100% to 100%
to 100% from 100% to 100%

RECEIVED 11/11/68

..... to from No. 2, 1901

..... to from No. 2, 1901

CASING RECORD

Serial	Weight per foot	Thread inch	Make	Amount	Kind of shoe	Cut and pulled from	Performed To— From	Purpose
1	1.5	1/2	...	...	...	...	...	...
2	1.5	1/2	...	...	...	...	...	...
3	1.5	1/2	...	...	...	...	...	...
4	1.5	1/2	...	...	...	...	...	...
5	1.5	1/2	...	...	...	...	...	...
6	1.5	1/2	...	...	...	...	...	...
7	1.5	1/2	...	...	...	...	...	...
8	1.5	1/2	...	...	...	...	...	...
9	1.5	1/2	...	...	...	...	...	...
10	1.5	1/2	...	...	...	...	...	...
11	1.5	1/2	...	...	...	...	...	...
12	1.5	1/2	...	...	...	...	...	...
13	1.5	1/2	...	...	...	...	...	...
14	1.5	1/2	...	...	...	...	...	...
15	1.5	1/2	...	...	...	...	...	...
16	1.5	1/2	...	...	...	...	...	...
17	1.5	1/2	...	...	...	...	...	...
18	1.5	1/2	...	...	...	...	...	...
19	1.5	1/2	...	...	...	...	...	...
20	1.5	1/2	...	...	...	...	...	...
21	1.5	1/2	...	...	...	...	...	...
22	1.5	1/2	...	...	...	...	...	...
23	1.5	1/2	...	...	...	...	...	...
24	1.5	1/2	...	...	...	...	...	...
25	1.5	1/2	...	...	...	...	...	...
26	1.5	1/2	...	...	...	...	...	...
27	1.5	1/2	...	...	...	...	...	...
28	1.5	1/2	...	...	...	...	...	...
29	1.5	1/2	...	...	...	...	...	...
30	1.5	1/2	...	...	...	...	...	...
31	1.5	1/2	...	...	...	...	...	...
32	1.5	1/2	...	...	...	...	...	...
33	1.5	1/2	...	...	...	...	...	...
34	1.5	1/2	...	...	...	...	...	...
35	1.5	1/2	...	...	...	...	...	...
36	1.5	1/2	...	...	...	...	...	...
37	1.5	1/2	...	...	...	...	...	...
38	1.5	1/2	...	...	...	...	...	...
39	1.5	1/2	...	...	...	...	...	...
40	1.5	1/2	...	...	...	...	...	...
41	1.5	1/2	...	...	...	...	...	...
42	1.5	1/2	...	...	...	...	...	...
43	1.5	1/2	...	...	...	...	...	...
44	1.5	1/2	...	...	...	...	...	...
45	1.5	1/2	...	...	...	...	...	...
46	1.5	1/2	...	...	...	...	...	...
47	1.5	1/2	...	...	...	...	...	...
48	1.5	1/2	...	...	...	...	...	...
49	1.5	1/2	...	...	...	...	...	...
50	1.5	1/2	...	...	...	...	...	...
51	1.5	1/2	...	...	...	...	...	...
52	1.5	1/2	...	...	...	...	...	...
53	1.5	1/2	...	...	...	...	...	...
54	1.5	1/2	...	...	...	...	...	...
55	1.5	1/2	...	...	...	...	...	...
56	1.5	1/2	...	...	...	...	...	...
57	1.5	1/2	...	...	...	...	...	...
58	1.5	1/2	...	...	...	...	...	...

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 the water, state kind of material used, position, and results of pumping or handling.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

MURDERING AND MURDERING RECORD

Serial number	Photo of	Number and date of certificate	When issued	Place of birth	Age
1					
2					
3					
4					
5					
6					
7					
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99					
100					

PLUGS AND ADAPTERS

Length		Testis length—Males
Depth		Testis depth—Males
Size		Testis size—Males

SHOOTING RECORD

Rate	Salvage value	Depreciable cost	Quantity	Rate	Depreciation	Profit charged unit

TOOLS USED

[illegible]

DATE

The investigation has been completed.	If we will call the per cent found in the above sample as 100% then the per cent found in the sample from the first 24 hours was 100% and the per cent found in the sample from the last 24 hours was 100%.	This investigation for the first 24 hours was completed on 10-26-58.
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SECRET

collected	collected	collected	collected
collected	collected	collected	collected

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1000	1000	0	bed of
1000	1000	0	stratified
1000	1000	0	bed
1000	1000	0	stratified bed
1000	1000	0	bed and stratified
1000	1000	0	bed and stratified
1000	1000	0	bed and stratified
1000	1000	0	bed and stratified