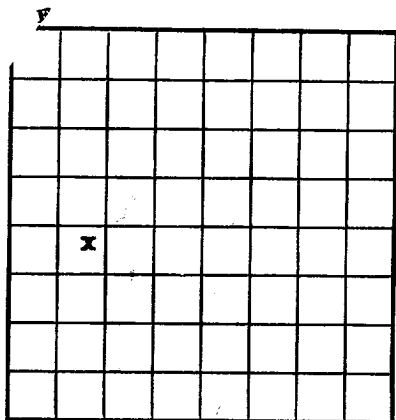


9-380



LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 058603
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Ballard

Now belongs to Henry Page, Carper Building, Artesia, N.M.

LOG OF OIL OR GAS WELL

Company Penn Surgical Address 417 Petr. Building, Midland, Texas
Lessor or Tract Ballard 1-B Field Loco Hills State New Mexico
Well No. 1B Sec. 8 T. 18 S. R. 29 E. Meridian N.M.P.M. County Eddy
Location 2310 ft. N. of S. Line and 990 ft. E. of W. Line of Sec. 8 Elevation 3532
(Barometer 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 X Harvey E. Yates,
Date August 31, 1943 Title Agent, 309 Carper Building,
Artesia, New Mexico

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

Commenced drilling July 21, 1943 Finished drilling August 16, 1943, 1943

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2143 to 2146 No. 4, from _____ to _____
No. 2, from 2150 to 2157 No. 5, from _____ to _____
No. 3, from 2185 to 2190 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 160 to 170 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—	
<u>8 3/8</u>	<u>20</u>	<u>3 1/2</u>	<u>3 1/2</u>	<u>3 1/2</u>	<u>3 1/2</u>	<u>3 1/2</u>			
It is of the greatest importance to have a complete history of the well. Please state in detail the dates of running, setting, and pulling of casing, and the reasons for the work and its results. If there were any changes made in the casing, state them, and if any casing was added, state the date and the reason therefor.									
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
<u>8 3/8 O.D. 3 1/2</u>	<u>3 1/2</u>	<u>50</u> <u>sax</u>			<u>50</u> <u>sax</u>
<u>7" O.D. 2302</u>	<u>2302</u>	<u>100</u> <u>sax</u>	<u>Displacement</u>		<u>30</u> <u>sax</u>

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
<u>7"</u>		<u>Nitro Glycerine</u>	<u>200</u> <u>ets.</u>	<u>8/16</u>	<u>2130-2160</u>	<u>2180</u>

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 2523 feet, and from _____ feet to _____ feet

DATES

Put to producing _____, 19____
The production for the first 24 hours was 150 barrels of fluid of which _____ % 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

C. V. Miller, Driller _____, Driller
Jim Miller, Driller _____, Driller

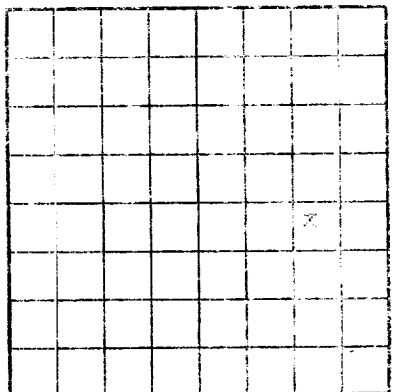
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>2</u>	<u>2</u>	<u>solid sand</u>
<u>2</u>	<u>15</u>	<u>13</u>	<u>caliche and gravel</u>
<u>15</u>	<u>60</u>	<u>45</u>	<u>red sand</u>
<u>60</u>	<u>67</u>	<u>7</u>	<u>gravel</u>
<u>67</u>	<u>110</u>	<u>43</u>	<u>red sandy shale</u>
<u>110</u>	<u>135</u>	<u>25</u>	<u>red shale</u>
<u>135</u>	<u>138</u>	<u>3</u>	<u>lime</u>
<u>138</u>	<u>165</u>	<u>27</u>	<u>sand and gravel</u>
<u>165</u>	<u>170</u>	<u>5</u>	<u>red sand</u>
<u>170</u>	<u>200</u>	<u>30</u>	<u>gypsum</u>
<u>200</u>	<u>288</u>	<u>88</u>	<u>red rock</u>
<u>288</u>	<u>310</u>	<u>22</u>	<u>gypsum and anhydrite shells</u>
<u>310</u>	<u>318</u>	<u>8</u>	<u>red rock</u>
<u>318</u>	<u>330</u>	<u>12</u>	<u>salt and gypsum</u>
<u>330</u>	<u>500</u>	<u>170</u>	<u>salt</u>
<u>500</u>	<u>555</u>	<u>55</u>	<u>none</u>
<u>555</u>	<u>565</u>	<u>10</u>	<u>anhydrite</u>
<u>565</u>	<u>735</u>	<u>170</u>	<u>salt</u>
<u>735</u>	<u>820</u>	<u>85</u>	<u>red rock and anhydrite</u>
<u>820</u>	<u>920</u>	<u>100</u>	<u>anhydrite</u>
<u>920</u>	<u>1235</u>	<u>315</u>	<u>red rock and anhydrite</u>
<u>1235</u>	<u>1610</u>	<u>375</u>	<u>anhydrite</u>
<u>1610</u>	<u>1710</u>	<u>100</u>	<u>red rock and anhydrite</u>
<u>1710</u>	<u>1861</u>	<u>151</u>	<u>anhydrite</u>
<u>1861</u>	<u>1871</u>	<u>10</u>	
CORRECTED DEPTH, STEEL LINE MEASUREMENT			

FORMATION RECORD—Continued

LEADS TO PERMIT TO PROSPECT
SERIAL NUMBER 00000000
U.S. LAND OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

The information given herewith is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.

Location of the well is on the line and 30 feet W of the line of Section 11 of T. 122 N. R. 104 E. S. 11 of County State Field Tract Company

Address State Field Tract Company

Completed drilling _____
 Date _____
 The summary on this page is for the condition of the well as above date.

OIL OR GAS BANDS OR ZONES

(D) und (E) sind

No. 1, from	to	No. 1, from	to
No. 2, from	to	No. 2, from	to
No. 3, from	to	No. 3, from	to

IMPORTANT WATER SANDS

No. 1, from	to	191	No. 8, from	to
No. 2, from	to	192	No. 9, from	to

CASING RECORD

Case	Size inches	Threads per inch	Make	Amount	Kind of shoe	Out and pulled from ground	Estimated depth	Remarks
1	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
2	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
3	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
4	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
5	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
6	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
7	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
8	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
9	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
10	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
11	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
12	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
13	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
14	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
15	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
16	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
17	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
18	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
19	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
20	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
21	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
22	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
23	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
24	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
25	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
26	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
27	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
28	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
29	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
30	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
31	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
32	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
33	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
34	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
35	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
36	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
37	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
38	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
39	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
40	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
41	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
42	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2
43	1 1/2	12	W. H. & C.	100	1/2	1/2	1/2	1/2

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of repriming, 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 balling.

HISTORY OF OIL OR GAS WELL

16-48094-1 U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

Abaplers-Material	Length	Depth cut

SHOOTING RECORD

Site	Shell used	Explosive used	Quantity	Date	Depth shot	Heath cleared out
101		100 lbs. of dynamite	200 lbs.	10/1/50	100 ft.	100 ft.

TOOTS & JESS

Cable tools were used from	foot to	feet, and from	foot to	feet
Heavy rods were used from	foot to	feet, and from	foot to	feet

24 MAY

It was used at 15 per cent hours		19
Gallons gasoline per 1,000 cu ft of gas		
Clasticity, %B _s		
Percent of kind of which		
Put to producing		

EMPLOYEES

Driller	_____	_____	_____
Driller	_____	_____	_____

FORMATION

[illegible]