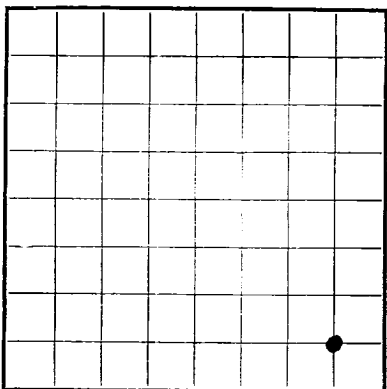


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 062486
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company John H. Irving Address 704 Ashurst Drive S. Albuquerque, New Mexico
Lessor or Tract _____ Field Driche Queen State New Mexico
Well No. 2-9 Sec. 9 T. 14 R. 31E Meridian N.M.P.M. County Chaves
Location 600 ft. N. of 5 Line and 660 ft. E. of 1 Line of Section 9 Elevation 4175
(Derriek 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 H. Irving
Date November 17, 1954 Title owner

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

Commenced drilling October 2, 1954 Finished drilling October 22, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2790 to 2810 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—	
13 3/8	4.4		Spiral weld	120	Texas pattern		0	120	Surface
8 1/8	2.4		J-55	1148	Texas pattern (pulled)		0	1148	Intermediate
5 1/2	11.8		Range	2788	Guide		0	2788	Oil string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	120	5			
5 1/2	2788	100			

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
Landfrac	treatment	2,000 pounds of dynamite				

TOOLS USED

Rotary tools were used from _____ feet to 1148 feet, and from _____ feet to _____ feet
Cable tools were used from 1148 feet to 2810 feet, and from _____ feet to _____ feet

DATES

November 17, 1954, 19____ Put to producing November 1, 1954
The production for the first 24 hours was _____ barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 37
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

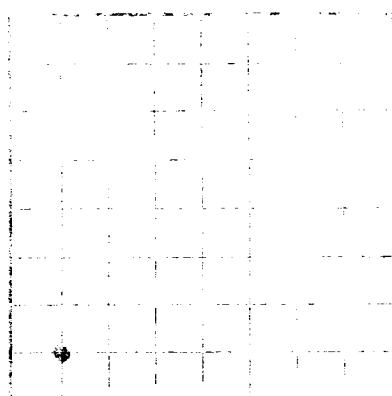
EMPLOYEES

_____, Driller Harry Keifer Jr., Driller
_____, Driller J. B. Jones, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	150		Sand
150	700		red bed
700	1120		red bed and sand
1120	1165		Anhydrite
1165	1238		Anhydrite and red shale
1238	1468		Salt
1468	2018		Anhydrite and salt
2018	2085		Sand
2085	2152		red shale, sand and anhydrite
2152	2530		Anhydrite and red shale
2530	2570		anhydrite and dolomite
2570	2650		Anhydrite, sand, red shale and salt
2650	2787		Anhydrite, red and grey shale
2787	2790		Anhydrite
2790	2810		Sand
2810			Total depth

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



LOCATE WITH CONFIDENCE

[illegible]

The primary on-site staff is a full-time, bilingual (English and Spanish) staff member who is responsible for the day-to-day operations of the program. The staff member is also responsible for the recruitment and retention of the program. The staff member is also responsible for the coordination of the program with the community and the health care system.

OFFICE OF THE ATTORNEY GENERAL

1. The first group of people who are not allowed to enter the country are those who are not citizens of the United States. This group includes all foreign-born individuals, regardless of their legal status.

2. The second group of people who are not allowed to enter the country are those who are not of legal age. This group includes all minors, regardless of their citizenship status.

3. The third group of people who are not allowed to enter the country are those who are not of sound mind. This group includes all individuals who are mentally incompetent, regardless of their citizenship status.

4. The fourth group of people who are not allowed to enter the country are those who are not of good character. This group includes all individuals who are known to be involved in criminal activities, regardless of their citizenship status.

5. The fifth group of people who are not allowed to enter the country are those who are not of good health. This group includes all individuals who are known to be suffering from a contagious disease, regardless of their citizenship status.

TRAINING RECORD

[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 balling.

HISTORY OF OIL OR GAS WELL

PLANT	WHERE SET	NUMBER OF SETS	NUMBER OF SETS	NUMBER OF SETS	NUMBER OF SETS
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9
10	10	10	10	10	10
11	11	11	11	11	11
12	12	12	12	12	12
13	13	13	13	13	13
14	14	14	14	14	14
15	15	15	15	15	15
16	16	16	16	16	16
17	17	17	17	17	17
18	18	18	18	18	18
19	19	19	19	19	19
20	20	20	20	20	20
21	21	21	21	21	21
22	22	22	22	22	22
23	23	23	23	23	23
24	24	24	24	24	24
25	25	25	25	25	25
26	26	26	26	26	26
27	27	27	27	27	27
28	28	28	28	28	28
29	29	29	29	29	29
30	30	30	30	30	30
31	31	31	31	31	31
32	32	32	32	32	32
33	33	33	33	33	33
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36	36	36	36	36	36
37	37	37	37	37	37
38	38	38	38	38	38
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42	42	42	42	42	42
43	43	43	43	43	43
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68	68	68	68	68	68
69	69	69	69	69	69
70	70	70	70	70	70
71	71	71	71	71	71
72	72	72	72	72	72
73	73	73	73	73	73
74	74	74	74	74	74