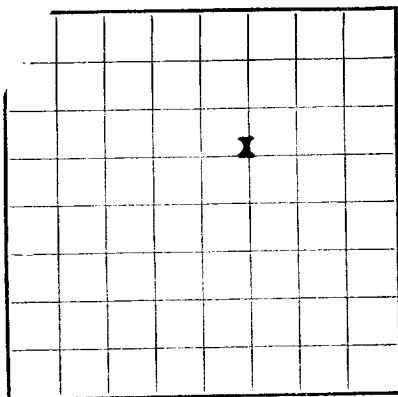


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 063916
LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address P. O. Box 1384, Jal., New Mexico
 Lessor or Tract L. E. Elliott Field Jalco State New Mexico
 Well No. 4 Sec. 20 T. 26S R. 37E Meridian NMPM County Lea
 Location 1980 ft. N. of N. Line and 1980 ft. E. of E. Line of Sec. 20 Elevation 2975.4
 (Derrick 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 Larry C. Zink
 Title Division Geologist

Date August 3, 1954

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

Commenced drilling July 10 -----, 19 54 Finished drilling August 1 -----, 19 54

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

No. 1, from 3029 to 3083 (G) No. 4, from _____ to _____
 No. 2, from 3095 to 3120 (G) No. 5, from _____ to _____
 No. 3, from 3198 to 3210 (G) 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—	
8-5/8	32#	8 rd	J-55	1110	Guide Shoe				Surface
					* Float Collar				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	1110	500	Halliburton	10.2#/gal	

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 3745 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

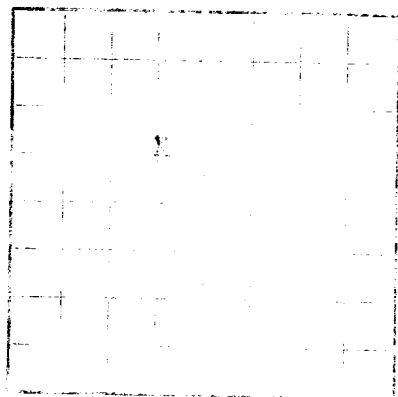
....., 19.....	Put to producing, 19.....
The production for the first 24 hours was	barrels of fluid of which% was oil;%
emulsion;% water; and% sediment.	Gravity, °Bé.
If gas well, cu. ft. per 24 hours	Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.	

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FORMATION RECORD			
FROM--	TO--	TOTAL FEET	FORMATION
0	1101	1101	Sand & Red shale
1101	1422	321	Anhydrite & lime
1422	2798	1376	Salt & Anhydrite
2798	2985	187	Dolomite & Anhydrite
2985	3263	278	Sand & Lime (Top of Yates 2985)
3263	3693	430	Sand & Lime (Top of Seven Rivers 3263)
3693	3745	52	Sand, Anhydrite, & Lime (Top of Queen 3693)



LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Company Name, Location, State, County, Township, Range, Section, Corner, Elevation, etc.

The information given herewith is a complete and correct record of the well and all work done thereon.

Oil or Gas Sands and Zones

Set 50 ex cement plug in top of water sands
Set 50 ex cement plug 1120-1280 in top of salt (Salado formation)
Set 50 ex cement plug 2810-2970 in top of salt formation to base of salt
Set 50 ex cement plug 3350-3510 in Seven Rivers formation

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, 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.

HISTORY OF OIL OR GAS WELL

FROM	TO	TOTAL FEET	FORMATION
12.1	14.0	1.9	...
14.0	16.0	2.0	...
16.0	18.0	2.0	...
18.0	20.0	2.0	...
20.0	22.0	2.0	...
22.0	24.0	2.0	...
24.0	26.0	2.0	...
26.0	28.0	2.0	...
28.0	30.0	2.0	...
30.0	32.0	2.0	...
32.0	34.0	2.0	...
34.0	36.0	2.0	...
36.0	38.0	2.0	...
38.0	40.0	2.0	...
40.0	42.0	2.0	...
42.0	44.0	2.0	...
44.0	46.0	2.0	...
46.0	48.0	2.0	...
48.0	50.0	2.0	...
50.0	52.0	2.0	...
52.0	54.0	2.0	...
54.0	56.0	2.0	...
56.0	58.0	2.0	...
58.0	60.0	2.0	...
60.0	62.0	2.0	...
62.0	64.0	2.0	...
64.0	66.0	2.0	...
66.0	68.0	2.0	...
68.0	70.0	2.0	...
70.0	72.0	2.0	...
72.0	74.0	2.0	...
74.0	76.0	2.0	...
76.0	78.0	2.0	...
78.0	80.0	2.0	...
80.0	82.0	2.0	...
82.0	84.0	2.0	...
84.0	86.0	2.0	...
86.0	88.0	2.0	...
88.0	90.0	2.0	...
90.0	92.0	2.0	...
92.0	94.0	2.0	...
94.0	96.0	2.0	...
96.0	98.0	2.0	...
98.0	100.0	2.0	...