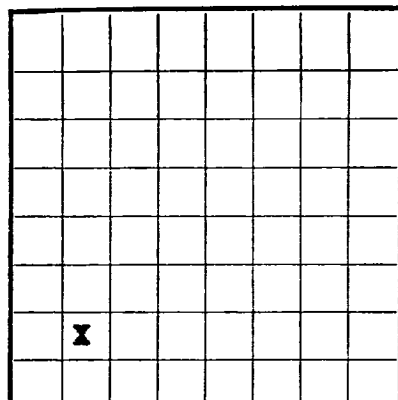


U. S. LAND OFFICE Santa Fe
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SERIAL NUMBER DECEIVE
LEASE OR PERMIT TO PROSECUTE VE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NOV 21 1961
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO



LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address P. O. Box 990, Farmington, New Mexico
Lessor or Tract Howell "D" Field Wildcat State New Mexico
Well No. 1(OWO) Sec. 28 T. 31N R. 8W Meridian N.M.P.M. County San Juan
Location 990 ft. [N.] of S Line and 990 ft. [E.] of W Line of Section 28 Elevation 6493
(Draw in for plat to be filed)

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 _____ Original Submitted to _____

Date November 17, 1961 Title Petroleum Engineer

The summary on this page is for the condition of the well at above date. **Worked Over** 10-10- 61
Commenced drilling 6-7- 1951 Finished drilling 7-24- 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5056 to 5196 (G) No. 4, from _____ to _____

No. 2, from 5196 to 5575 (G) No. 5, from _____ to _____

No. 3, from 5575 to 5725 (2) and 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—	
5/8"	13.6	8 rd	J-55	555	2 1/2" x 3 1/2" x 3 1/2"	10'—	10'—	10'—	Prod tub
1 1/2"	18.5	8 rd	J-55	555	2 1/2" x 3 1/2" x 3 1/2"	10'—	10'—	10'—	Prod tub
3/8"	6.7	8 rd	J-55	555	2 1/2" x 3 1/2" x 3 1/2"	10'—	10'—	10'—	Prod tub

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5/8"	299	145	circulated		
	5102	300	single stage		
1/2"	5760	100	single		

PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----

Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 5102 feet, and from 5102 (Can) feet to 5760 feet.

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

DATES

October 27, 1961 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 ~~3,607,990~~ Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. **897 (casing)** **A.O.F. 7831 MCF/D**

EMPLOYEES

_____, Driller _____, Driller

_____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	3323	3323	Tan to gry cr-grn ss interbedded w/gry sh.
3323	5056	1733	Pictured Cliffs form. Gry, fine-grn tight, varicolored soft ss.
5056	5196	140	Cliff House ss. Gry, fine-grn, dense sil s
5196	5575	379	Menefee form. Gry, fine-grn s, carb sh & c
5575	5760	185	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
FROM--	TO--	TOTAL FEET	FORMATION

A blank sheet of graph paper featuring a uniform grid of squares. The grid consists of 10 columns and 8 rows, creating a total of 80 small square units. The lines are thin and black, set against a white background. There are no margins or additional markings on the page.

LOCATE WITH CORRECTLY

OUT OR GAS SANDS OR LOMES

(D) und (E) zeigen

Sl. No.	Particulars	Amount	Kind of Paper	No. and serial of	Received	Date
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THIS IS NOT A GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-58094-2

WISK

LETTERS AND ADAPTATIONS

14-00000-14-00000

1910181—270705bA

SHOOTING RECORD

032U 210

Holding tools were used from	feet to	feet from	most	of feet	to feet
Cable tools were used from	feet to	feet from	most	of feet	to feet

DATE

October 31, 1937	Part to production	10
October 31, 1937	Part to production	10

Gallons required per 1000 cu. ft. of gas Gravity, °Bé.	% water; and % sediment
---	-------------------------

11. The following information is being furnished to you for your information only. It is not to be used for any other purpose.

EMPLOYEES

Driller	Driller
Driller	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEES	NORMATIVE
100%	98%	100%	100%
98%	96%	98%	98%
96%	94%	96%	96%
94%	92%	94%	94%
92%	90%	92%	92%
90%	88%	90%	90%
88%	86%	88%	88%
86%	84%	86%	86%
84%	82%	84%	84%
82%	80%	82%	82%
80%	78%	80%	80%
78%	76%	78%	78%
76%	74%	76%	76%
74%	72%	74%	74%
72%	70%	72%	72%
70%	68%	70%	70%
68%	66%	68%	68%
66%	64%	66%	66%
64%	62%	64%	64%
62%	60%	62%	62%
60%	58%	60%	60%
58%	56%	58%	58%
56%	54%	56%	56%
54%	52%	54%	54%
52%	50%	52%	52%
50%	48%	50%	50%
48%	46%	48%	48%
46%	44%	46%	46%
44%	42%	44%	44%
42%	40%	42%	42%
40%	38%	40%	40%
38%	36%	38%	38%
36%	34%	36%	36%
34%	32%	34%	34%
32%	30%	32%	32%
30%	28%	30%	30%
28%	26%	28%	28%
26%	24%	26%	26%
24%	22%	24%	24%
22%	20%	22%	22%
20%	18%	20%	20%
18%	16%	18%	18%
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14%	12%	14%	14%
12%	10%	12%	12%
10%	8%	10%	10%
8%	6%	8%	8%
6%	4%	6%	6%
4%	2%	4%	4%
2%	0%	2%	2%
0%	-2%	0%	0%
-2%	-4%	-2%	-2%
-4%	-6%	-4%	-4%
-6%	-8%	-6%	-6%
-8%	-10%	-8%	-8%
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-94%	-96%	-94%	-94%
-96%	-98%	-96%	-96%
-98%	-100%	-98%	-98%
-100%	-102%	-100%	-100%
-102%	-104%	-102%	-102%
-104%	-106%	-104%	-104%
-106%	-108%	-106%	-106%
-108%	-110%	-108%	-108%
-110%	-112%	-110%	-110%
-112%	-114%	-112%	-112%
-114%	-116%	-114%	-114%
-116%	-118%	-116%	-116%
-118%	-120%	-118%	-118%
-120%	-122%	-120%	-120%
-122%	-124%	-122%	-122%
-124%	-126%	-124%	-124%
-126%	-128%	-126%	-126%
-128%	-130%	-128%	-128%
-130%	-132%	-130%	-130%
-132%	-134%	-132%	-132%
-134%	-136%	-134%	-13

FORMATION RECORD—Continued

2750

FORMATION