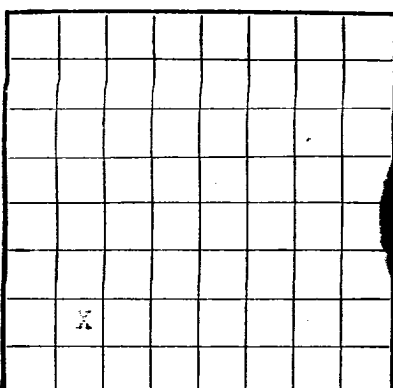
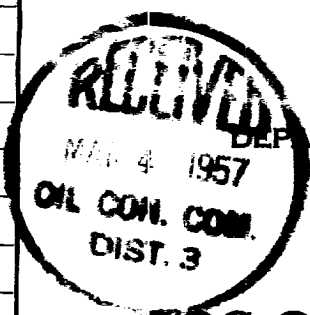


U. S. LAND OFFICE Santa FeSERIAL NUMBER 077106

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Lackey Field Aztec P.C. State New Mexico
Well No. 2-B Sec. 21 T. 28N R. 9W Meridian 101M County San Juan
Location 915 ft. N. of S. Line and 720 ft. E. of W. Line of Sec. 21 Elevation 6011'
(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 ORIGINAL SIGNED F.W. BOYDDate February 27, 1957Title Petroleum Engineer

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

Commenced drilling 1-3-57, 19____ Finished drilling 1-16-57, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2142 to 2275 (G) No. 4, from 4494 to 4655 (G)
No. 2, from 3846 to 3887 (G) No. 5, from _____ to _____
No. 3, from 3887 to 4494 (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—	
10 3/4"	32.75	P.E.	S.W.	161'	Howco				Surface
7 5/8"	26.4	8-10	J-55	2390'	Howco				Prod. Csg.
5 1/2"	19.5	8-10	J-55	1540'	Howco				Linear
2"	4.7	8-10	J-55	2266'	Howco				Prod. Tub.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
3/4"	173'	150	Circulated		
5/8"	2400'	250	Single Stage		
1/2"	2327-4729	300	Single Stage		

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
		See Well History.				

TOOLS USED

Rotary tools were used from _____ feet to 2402 feet, and from 2402 feet to 4730 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

2-2-57, 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 5,318,000A.O.F. 9828 MCF/D.

Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 607

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1184	1184	Tan to gry cr-grn ss interbedded w/gry sh.
1184	1292	108	Ojo Alamo ss. White cr-grn s.
1292	2037	745	Kirtland form. Gry, sh interbedded w/tight gry fine-grn ss.
2037	2142	105	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2142	2275	133	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2275	3846	1571	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
3846	3887	41	Cliff House ss. Gry, fine-grn, dense sil ss.
3887	4494	607	Manefee form. Gry, fine-grn s, carb sh & coal.
4494	4655	161	Point Lookout form. Gry, very fine sil ss frequent sh breaks.
4655	4730	75	Manecos formation. Gry carb sh.

EBOY

TO

JULY 1957

(OVER)

BENTLEY

16-43094-4

FORMATION RECORD—CONTINUED

