

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 077730
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Sunray Field Blanco State New Mexico
Well No. 2-E Sec. 9 T. 30NR. 10W Meridian N.M.P.M. County San Juan
Location 1650 ft. N. of 8 Line and 990 ft. E. of 4 Line of Sec. 9 Elevation 6405 ft.
(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 D. C. JohnstonDate February 13, 1958Title Petroleum Engineer

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

Commenced drilling 12-13-57, 1957 Finished drilling 12-30-, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2995 to 3139(0) No. 4, from 5233 to 5363 (0)
No. 2, from 4585 to 4775(0) No. 5, from _____ to _____
No. 3, from 4775 to 5233(0) 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.F.	B.W.	163'	Howse				Surface
7 5/8"	26.40	8 Rd.	J-55	3194'	Baker				Prod. casg.
5 1/2"	15.90	8 Rd.	J-55	2264'	Baker				Prod. Liner
2"	4.7	8 Rd.	J-55	5344'					Prod. log.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	175'	150	circulated		
7 5/8"	3206'	250	single stage		
5 1/2"	3162-3426'	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 _____ feet, and from Gas Drilled feet
Cable tools were used from 175 feet to 3208 feet, and from 3208 feet to 5436 feet
0 _____

DATES

_____, 19____ Put to producing _____, 19____
1-12- 58

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. 3,473,000

856 EMPLOYEES O.F.—6637 MCF/D

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1646	1646	Tan to gry cr-grn ss interbedded
1646	1751	105	Ojo Alamo ss. White cr-grn s.
1751	2665	914	Kirtland form. Gry sh interbedded
2665	2995	330	Fruitland form. Gry carb sh, scattered
2995	3139	144	coals, coals and gry, tight, fine-grn ss.
3139	4585	1446	Pictured Cliffs form. Gry, fine-grn, tight
4585	4775	190	varicolored soft ss.
4775	5233	458	Lewis formation. Gry to white dense sh
5233	5363	130	w/silty to shaly ss breaks.
5363	5436	73	Cliff House ss. Gry, fine grn dense oil
			ss.
			Manefee form. Gry, fine-grn s, carb sh
			and coal
			Point Lookout form. Gry, very fine oil
			ss w/frequent sh breaks.
			Mancoes formation. Gry carb sh.

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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.

NO 1-4-58 Set B.P. @ 4790'. Set W.R. @ 4129'. Engineered Cliff House perf. 4585-4613; 4648-4656 w/150 sks. Host. Final sq. nr. 3000#.

ONE OF THE STAGES OF SOME

Commenced trading _____ Estimated trading _____ 19____

One annually on the basis of the completion of the work of previous year.

Date _____

100-443887-1000

The information given herein is a complete and correct record of the work and work done thereon.

[illegible]

WATKINS, L. M. B. (1960)

PERSON OF INTEREST: _____

[illegible]

ГОСАТЕ МЕГГ СОВБЕСТГА

[illegible]

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

TYPE OF FUEL TO PROPOSED _____
 NUMBER OF _____
 (10) _____

LCIU 8-330

[illegible]