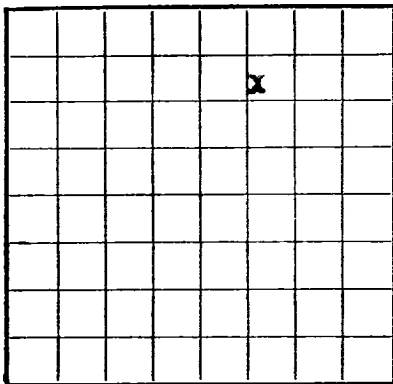


U. S. LAND OFFICE

SERIAL NUMBER

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 Hardie Field Blanco State New Mexico
Well No. 1-E Sec 16 T 28N R. 8W Meridian NMPM County San Juan
Location 800 ft. SW of N Line and 1600 ft. SW of E Line of Sec. 16 Elevation 6451
(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 August 28, 1957Title Petroleum Engineer

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

Commenced drilling 7-17, 1957 Finished drilling 7-30, 1957OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 2912 to 2978 (G) No. 4, from 5103 to 5255 (G)
No. 2, from 4560 to 4622 (G) No. 5, from _____ to _____
No. 3, from 4622 to 5103 (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	Fastened		Purpose
							From—	To—	
10 3/4	32.75		SW	161'	Hewco				Surface
7 5/8	26.40		J-55	3040	Baker				Prod. Cog.
5 1/2	17.50		J-55	5118	Baker				Prod. Liner
2"	4.7		J-55	5201	Baker				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	174'	125	Circulated		
7 5/8	3050'	250	Single Stage		
5 1/2	3002-5320	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

TOOLS USED

Rotary tools were used from 0 feet to 3050 feet, and from 3050 feet to 5325 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

8-4, 1957 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 10,874,000 Gallons gasoline per 1,000 cu. ft. of gas NoneRock pressure, lbs. per sq. in. 848 Ch. Vol. 4594 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1897	1897	Tan to gry cr-grn as interbedded w/gry sh
1897	2058	61	Ojo Alamo ss. White cr-grn s.
2058	2607	549	Kirtland form. Gry sh interbedded w/tight gry fine grn ss.
2607	2912	305	Fruitland form. Gry carb. Sch, scattered coals coals and gry, tight fine-grn ss.
2912	2978	66	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2978	4560	1582	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4560	4622	62	Cliff House ss. Gry, fine-grn, dense sll ss.
4622	5103	581	Menefee form. Gry, fine-grn s, carb sh & coal.
5103	5255	152	Point Lookout form. Gry, very fine sll ss w/frequent sh breaks.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 10 rows of squares. The lines are thin and black, set against a white background. There are no markings or text on the page.

Original Signed D. C. Johnson

SEMOX NO EDGAR DEL 11 119

SECRET

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 pulling.

HISTORY OF OIL OR GAS WELL

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