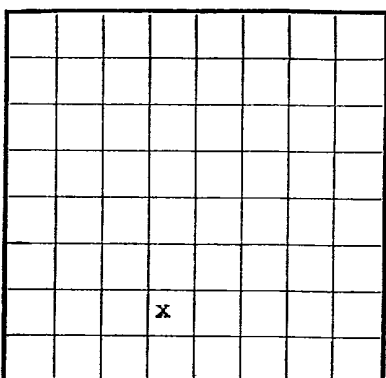




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078498
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

14-08-001-459

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 28-7 Unit Field Blanco State New Mexico
Well No. 40 Sec. 33 T. 28N R. 7W Meridian N.M.P.M. County Rio Arriba
Location 890 ft. N. of S. Line and 2250 ft. E. of W. Line of Section 33 Elevation 6648'
(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 May 22, 1957 Title Petroleum Engineer

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

Commenced drilling 3-4, 1957 Finished drilling 3-30, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3205 to 3280 (G) No. 4, from 5439 to 5615 (G)
No. 2, from 3855 to 4998 (G) No. 5, from _____ to _____
No. 3, from 4998 to 5439 (G) No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____
No. 2, from _____ to _____ No. 4, from _____

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.R.	S.W.	161'	Howco				surface
7-5/8"	26.4	P.R.	S.W.	332'	Howco				surface
5-1/2"	25.5	P.R.	S.W.	200'	Howco				Prod. liner
2"	4.7	P.R.	S.W.	552'	Howco				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"	172'	150	circulated		
7-5/8"	3340'	250	single stage		
5-1/2"	3267-5673	100	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 3340 feet, and from 3340 feet to 5680 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ 4-8, 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 4,320,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1070 A.C.F. 8264 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2312	2312	Tan to gry cr-grn ss interbedded w/gry sh.
2312	2475	162	Ojo Alamo ss. White cr-grn s.
2475	2931	456	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2931	3205	274	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3205	3280	75	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3280	4855	1575	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4855	4998	143	Cliff House ss. Gry, fine-grn, dense sil ss.
4998	5439	441	Menefee form. Gry, fine-grn s, carb sh & coal.
5439	5615	176	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5615	5680	65	Mancos formation. Gry carb sh.

UNITED STATES

09-000000-00-000000-000000

The summary on this page is for the condition of the *well* and *not* the *code* as it may be.

(D) 1.0 gms. (0.01M)

4-4-51: D. 5673. B.P. at 5100'. 5614'. Tel.: 4882-4906; 4910-4996 (2 SIF)
 4-4-51: B.P. at 5100'. 5614'. Tel.: 4882-4906; 4910-4996 (2 SIF)
 4-4-51: B.P. at 5100'. 5614'. Tel.: 4882-4906; 4910-4996 (2 SIF)

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 "spliced", 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 bailing.

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