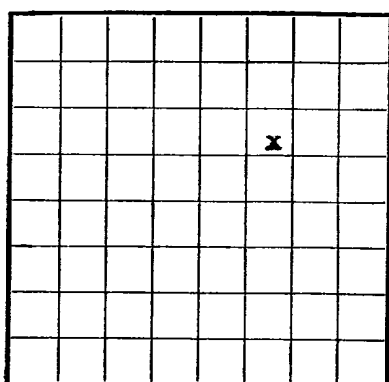




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078498
LEASE OR PERMIT TO PROSPECTUNITED 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. 69 Sec. 32 T. 28N R. 7W Meridian N.M.P.M. County Rio Arriba
Location 1700 ft. N of N Line and 1700 ft. E of E Line of Section 32 Elevation 6057
(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 OR G NAL SIGNED E. S. OBERLYDate May 2, 1957 Title Petroleum Engineer

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

Commenced drilling 2-20, 19 57 Finished drilling 3-9, 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2585 to 2660 (G) No. 4, from 4790 to 4943 (G)
No. 2, from 4253 to 4359 (G) No. 5, from 4943 to 4970
No. 3, from 4359 to 4790 (G) No. 6, from 4970 to 4970

IMPORTANT WATER SANDS

No. 1, from 2585 to 2660 No. 3, from 4790 to 4943
No. 2, from 4253 to 4359 No. 4, from 4943 to 4970

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
10-3/4"	32.75	8	S-W	162'	Howco			
7-5/8"	15.5	8	S-W	470'	Howco			
5-1/2"	8.5	8	S-W	494'	Howco			
2"	4.7	8	S-W	494'	Howco			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	174'	150	circulated		
7-5/8"	4668'	250	single stage		
5-1/2"	4592-4964'	150	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 0 feet to 4670 feet, and from 4670 feet to 4970 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing 3-17, 19 57
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 5,240,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1060 A.O.F. = 9773 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1738	1738	Tan to gry cr-grn ss interbedded w/gry sh.
1738	1830	92	Ojo Alamo ss. White cr-grn s.
1830	2325	495	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2325	2585	260	Fraitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2585	2660	75	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2660	4253	1593	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4253	4359	106	Cliff House ss. Gry, fine-grn, dense sil ss.
4359	4790	431	Manefee form. Gry, fine-grn s, carb sh & coal.
4790	4943	153	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
4943	4970	27	Mancos formation. Gry carb sh.

FORMATION RECORD—Continued

