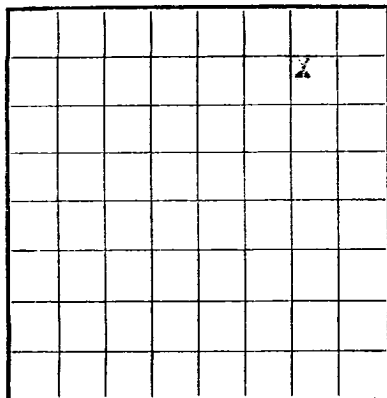


Santa Fe
U. S. LAND OFFICE 078509
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT
14-05-001-509UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 32-9 Unit Field Blanco State New Mexico
Well No. 41 Sec. 31 T. 32N R. 9E Meridian MM County San Juan
Location 500 ft. N. of A Line and 230 ft. E. of A Line of Section 31 Elevation 6033'
(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 [Signature]
Date October 24, 1956 Title Petroleum Engineer

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

Commenced drilling 9-6-56, 19____ Finished drilling 9-21-56, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3500 to 3740 (G) No. 4, from 5971 to 6065 (G)
No. 2, from 5570 to 5639 (G) No. 5, from _____ to _____
No. 3, from 5639 to 5971 (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.B.	S.W.	161'	Howco				Surface
7 5/8"	25.4	8 RD	J-55	3532'	Baker				Intermediate
5 1/2"	15.5	8 RD	J-55	6133'	Baker				Prod. Cas.
2"	4.7	8 RD	J-55	6143'					Prod. Tub.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	176'	125	Circulated		
7 5/8"	3032'	250	Single Stage		
5 1/2"	6143'	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 3532 feet, and from 3532 feet to 6143 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

9-20-56, 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 4,669,000 A.G.F. - 11,392 HCF/L. Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1019

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Undeveloped	2971	2971	Ojo Alamo ss. White cr-grn s.
2971	3220	257	Kirtland form. Gry sh interbedded w, tight gry fine-grn ss.
3220	3600	458	Fruitland form. Gry carb sh, scattered coals coals and gry, fine-grn ss.
3600	3740	60	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3740	5570	1822	Lewis formation. Gry to white dense sh w, silty to shaly ss breaks.
5570	5639	69	Cliff House ss. Gry, fine-grn, dense silt ss.
5639	5971	332	Menefee form. Gry, fine-grn s, carb sh & coal.
5971	6065	114	Point Lookout form. Gry, very fine silt ss w, frequent sh breaks.
6065	6143	58	Mancos formation. Gry carb sh.

