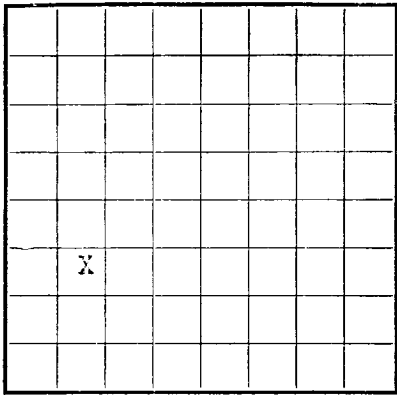


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 080376
LEASE OR PERMIT TO PROSPECT 14-06-001-569



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, N.M.
Lessor or Tract San Juan 32-9 Field Blanco State New Mexico
Well No. 15 Sec. 9 T. 31 N R. 9 W Meridian N.M.P.M. County San Juan
Location 1650 ft. [N.] of S Line and 220 ft. [E.] of W Line of Section 9 Elevation 6669
(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 Lawell N. Walsh

Date January 5, 1954 Title Petroleum Engineer

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

Commenced drilling 10-14-53, 1953 Finished drilling 11-20-53, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3525 to 3604 (G) No. 4, from 5774 to 5853 (G)
No. 2, from 5333 to 5465 (G) No. 5, from _____ to _____
No. 3, from 5465 to 5774 (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—	
9-5/8	36	3 Rd.	Spang	160'	Howco				Surface
7	23	8 Rd.	Spang	2516	Saker				Prod. Casing
7	20	8 Rd.	Spang	2775					Prod. Casing
2	4.7	3 Rd.	Youngst.	5034					Prod. Tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	172'	125	Circulated		
7	5303	500	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
quart	Regular	S.N.C.	1401	11-22-53	5364-5358	5358

TOOLS USED

Gas Drilling

Rotary tools were used from _____ feet to 5303 feet, and from 5303 feet to 5906 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

11-26-53, 1953 Put to producing _____, 1953

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 3,026,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 936

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	637	637	Tan cr-grn ss w/thin sh breaks.
637	1920	1283	Variegated sh w/thin ss breaks.
1920	2524	604	Tan to gry cr-grn ss interbedded w/gry sh.
2524	2660	136	Ojo Alamo ss. White cr-grn s.
2660	3056	396	Kirtland formation. Gry sh interbedded w/tight grn fine-grn ss.
3056	3525	469	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss.
3525	3604	79	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss.
3604	5333	1729	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5333	5465	132	Cliff House ss. Gry, fine-grn dense sil ss.
5465	5774	309	Menefee formation. Gry, fine-grn s, carb sh and coal.
5774	5853	84	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks.
			Tops
			Ojo Alamo 2524 Lewis 3604
			Kirtland 2660 Cliff House 5333
			Fruitland 3056 Menefee 5465
			Pictured Cliff 3525 Pt. Lookout 5774

