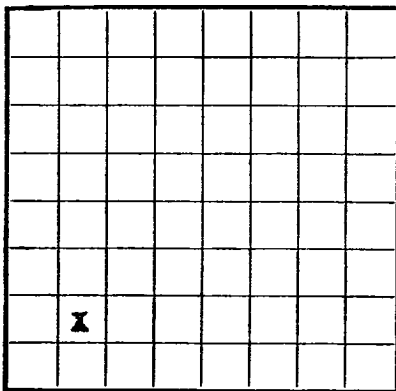


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 080713-B
LEASE OR PERMIT TO PROSPECT 14-08-001-538

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 Abraham Field Blanco State New Mexico
Well No. 1-B Sec. 14 T. 30N R. 6W Meridian NMPM County Rio Arriba
Location 988 ft. N. of S. Line and 899 ft. E. of W. Line of Section 14 Elevation 6385'
(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 EWELL N. WALSHDate November 28, 1956Title Petroleum Engineer

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

Commenced drilling 9-2-56, 19____ Finished drilling 10-15-56, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3292 to 3372 (G) No. 4, from 5503 to 5664 (G)
No. 2, from 5145 to 5258 (G) No. 5, from _____ to _____
No. 3, from 5258 to 5503 (G) No. 6, from _____ to _____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 pipe	Out and pulled from	Perforated from to	Purpose
0 3/4"	32.75	P.E.	B.W.	163'	Blanco			Surface
7 5/8"	26.4	8	8-33	3425'	Blanco			Intermediate
5 1/2"	23.5	8	8-33	5731'	Blanco			Production
2"	4.7	8	8-33	5664'	Blanco			Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	173'	125	Circulated		
7 5/8"	3425'	200	Single Stage		
5 1/2"	5731'	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

Gas Drilled

Rotary tools were used from 177 feet to 3425 feet, and from 3425 feet to 5731 feet
Cable tools were used from 0 feet to 177 feet, and from _____ feet to _____ feet

DATES

_____ 10-22-56, 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 2,369,000 A.O.F. 2,593 MCF/D. Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1031

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Undeveloped	2516	2516	Ojo Alamo ss. White cr-grn s.
2516	2954	438	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2954	3292	338	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3292	3372	80	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3372	5145	1773	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5145	5258	113	Cliff House ss. Gry, fine-grn, dense sil ss.
5258	5503	245	Mamee form. Gry, fine-grn s, carb sh & coal.
5503	5664	161	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5664	5731	67	Mamee formation. Gry carb sh.

