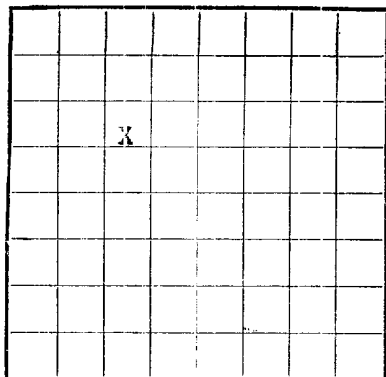




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 080516-B
LEASE OR PERMIT TO PROSPECT 14-08-001-949UNITED 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 San Juan 28-5 Unit Field Blanco State New Mexico
Well No. 25 Sec. 13 T. 28N R. 5W Meridian N.M.P.M. County Rio Arriba
Location 1650 ft. N of N Line and 1600 ft. E of W Line of Sec. 13 Elevation 7538
(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 September 24, 1957 Title Petroleum Engineer

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

Commenced drilling 8-3, 1957 Finished drilling 9-2, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4476 to 4567 (G) No. 4, from 6650 to 6840 (G)
No. 2, from 6280 to 6350 (G) No. 5, from _____
No. 3, from 6350 to 6650 (G) No. 6, from _____

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
10 3/4"	32.75	P. F.	S. W.	161'	Howco			Surface
7 5/8"	26.4	8 Rd.	J-55	4605'	Baker			Intermediate
5 1/2"	15.5	8 Rd.	J-55	6825'	Baker			Prod. Csg.
2"	4.7	8 Rd.	J-55	6760'				Prod. Tbg.

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"	4617'	250	Single Stage		
5 1/2"	6835'	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

TOOLS USED

Rotary tools were used from 0 feet to 4625 feet, and from 4625 feet to 6840 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ 9-10 _____, 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 2,641,000 A. O. F. = 3494 MCF/D Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1029

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3797	3797	Tan to gry cr-grn ss interbedded w/gry sh.
3797	3993	196	Ojo Alamo ss. white cr-grn s.
3993	4290	297	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
4290	4476	186	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
4476	4567	91	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
4567	6280	1713	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
6280	6350	70	Cliff House ss. Gry, fine-grn, dense sil ss.
6350	6650	300	Menefee form. Gry, fine-grn s, carb sh & coal.
6650	6840	190	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
			Mancos formation. Gry carb sh.

107-1-15-55

NEW ORLEANS, LA 70112

Perronville 079-1; 0700-32; 0077-73; 0086-84; 0500-002; 0500-0
Sand-water traced. w/18,200 gal. water, 15,000 sand, flushed A/
Gal. water. Max. pr. 2650 psi; 1650 psi, 1650 psi, 1650 psi.
1450, 1600, 1700, 1850, 2000. Dropped in sets of 16 bolts each.

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 "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and nature of shots. If pings or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]

FORMATION RECORD—Continued