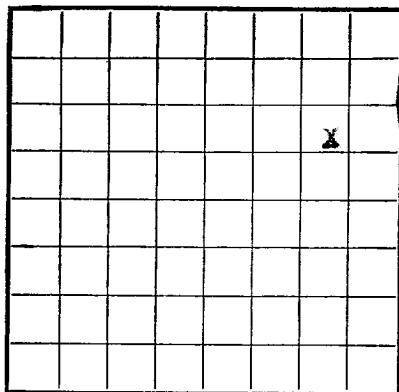




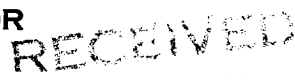
LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **080714**
LEASE OR PERMIT TO PROSPECT
14-08-001-538

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-D Sec. 11 T. 30N R. 6W Meridian N.M.P.M. County Rio Arriba
Location 1750 ft. 1000 [S.] of N Line and 290 ft. 200 [W.] of E Line of Section 11 Elevation 6315
(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 4, 1958 Title Petroleum Engineer

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

Commenced drilling 5-4, 19 58 Finished drilling 7-13, 19 58

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3253 to 3349 (G) No. 4, from 5495 to 5980 (G)
No. 2, from 5006 to 5260 (G) No. 5, from _____ to _____
No. 3, from 3260 to 5495 (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. E.	S.M.	162'	Hawco				Surface
7-5/8	25.1	8 Rd.	J-55	3300	Waco				Intermediate
5-1/2	15.5	8 Rd.	J-55	2977	Waco				Prod. Liner
2"	4.7	8 Rd.	J-55	5685					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'	100	Circulated		
7-5/8	3402	200	Single Stage		
5-1/2	3347-5724	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

TOOLS USED

Rotary tools were used from 175 feet to 3404 feet, and from 3404 feet to 5727 feetCable tools were used from 0 feet to 175 feet, and from _____ feet to _____ feet

DATES

_____ 7-20, 19 58 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 2,083,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1033 A.O.F. = 2281 MCF/D

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2286	2286	Tan to gry cr-grn ss interbedded w/gry sh.
2286	2460	174	Ojo Alamo ss. White cr-grn s.
2460	2901	441	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2901	3253	352	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3253	3349	96	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3349	5206	1857	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5206	5260	54	Cliff House ss. Gry, fine-grn, dense sil ss.
5260	5495	235	Manatee form. Gry, fine-grn s, carb sh & coal.
5495	5680	185	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5680	5727	47	Mancos formation. Gry carb sh.

Isaac of Jerusalem and the other

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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DATE: 04/02/00

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7-16-58 F.D. 5727, CO. 2 D. 5701. Treated Point Lookout port. Int. 5416-32; 5452-68; 5480-5502; 5520-40; 5562-04; 5596-5622 W/53, 460 gal. water, 55,000# sand. Flushed W/9000 gal. water. 1800-1850, max. pr. 2250#; tr. pr. 1400-1300-1250-1200-1150, I.R. 30.4 MM. Net. cage TBM. 6 stages - 5 ball drops 35 balls each. Shot 2 BJ/It. Temp. bridge plug at 5390'. Shot 2 BJ/It. Treated Oil House port. Int. 5210-04; 5230-58; 5300-5344 W/40, 712 gal. water, 40,000# sand. Flushed W/9000 gal. water. 2150, max. pr. 1850#, tr. pr. 1600-1475-1600-1000, I.R. 64.6 MM. Net cage TBM. 4 stages 3 ball drops 10 balls each.

HISTORY OF OIL OR GAS WELL

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

[illegible]