

U. S. LAND OFFICE

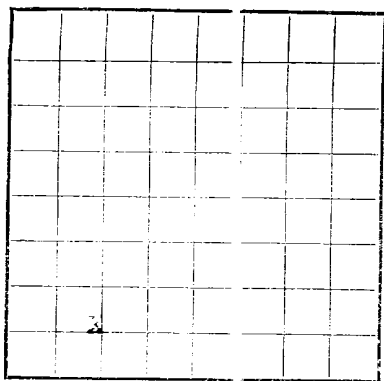
NM

SERIAL NUMBER

0204

LEASE OR PERMIT TO PROSPECT

14-00-001-1051

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 20-6 Unit Field Blanco State New Mexico
Well No. 76 Sec. 23 T. 28N R. 6W Meridian N.M.L.M. County Sio Arriba
Location 551 ft. N. of S. Line and 190 ft. E. of W. Line of Sec. 23 Elevation 5576
(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. **Original Signed D. C. Johnson**
Signed _____
Date July 1, 1957 Title Petroleum Engineer

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

Commenced drilling 5-27-57, 19____ Finished drilling 6-10, 19____ 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 337 to 3475 (G) No. 4, from 5535 to 5675 (G)
No. 2, from 513 to 515 (G) No. 5, from _____ to _____
No. 3, from 517 to 5535 (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	8	Waco	161'	Howco				Surface
7-5/8	26.4	8	J-55	3428'	Baker				Intermediate
5-1/2	15.5	8	J-55	5730'	Baker				Prod. Csg.
2	4.1	8	J-55	5675'					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"	1/4	150	Circulated		
7-5/8"	3500	250	Single Stage		
5-1/2"	5740	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

Gas Drilled

Rotary tools were used from _____ feet to 3501 feet, and from 3501 feet to 5740 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ 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 4,125,000 N.G.F. = 8716 MCF/D Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 3-10

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	2612	2612	Tan to gry cr-grn ss interbedded w/gry sh.
2612	2771	159	Ojo Alamo ss. White cr-grn s.
2771	3096	325	Fruitland form. Gry sh interbedded w/tight gry fine-grn ss.
3096	3375	279	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3375	3475	100	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3475	5130	1663	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5130	5175	37	Cliff House ss. Gry, fine-grn, dense sil ss.
5175	5535	360	Menefee form. Gry, fine-grn s, carb sh & coal
5535	5675	140	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5675	5740	65	Mancos formation. Gry carb sh.

[OVER]

16-42064-3

FROM-	TO-	TOTAL FEET	FORMATION
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—C

TOTAL FEET

FORMATION

HISTORY OF OIL OR GAS WELL

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It is of the greatest importance to have a complete history of the well. Please state in detail the dates of pehrilling, 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 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.

6-19-57
PORT. P. L. @ 1014-24; 2044-56; 2062-74; 1/2 SIF. W/ 50.010 gal water and 60,000# SA. MAX. PR. 1850 PSI, AVG. PR. 1600 PSI, I-R 56 PSI./MIN.
6-14-57
PORT. C.H. @ 5136-56; 5162-75; 5198-5206; 5230-38; 5/23RF W/ 57,750 gal. 50,000# SA. MAX. PR. 2500 PSI, AVG. PR. 1800 PSI, I-R 55 PSI./MIN.
Flush 5300 gal. Dropped 6 groups of 20 balls each.