

[illegible]

LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078571
LEASE OR PERMIT (5) TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
FARRINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL.

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Day Field Blanco M.V. Ext. State New Mexico
Well No. 5-B Sec. 7 T 27N R. 8W Meridian N.M.P.M. County San Juan
Location 550 ft. S. of N Line and 650 ft. W of E Line of Section 7 Elevation 6151

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.

Date February 17, 1960 Title Petroleum Engineer

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

Commenced drilling 12-3, 19 59 Finished drilling 12-21, 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2290 to 2348 (G) No. 4, from 4549 to 4705 (G)
 No. 2, from 3920 to 3978 (G) No. 5, from _____ to _____
 No. 3, from 3978 to 4549 (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.R.	S.W.	161	Howes				Surface
7 5/8	26.4	8 Rd.	J-55	4134	Howes				Intermediate
5 1/2	15.5	8 Rd.	J-55	421	Baker				Prod. Liner
2 3/8	4.7	8 Rd.	J-55	4672					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	175	264	Circulated		
7 5/8	4445	550	Single Stage		
5 1/2	4369-4790	80	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

TOOLS USED		Gas Drilled
Rotary tools were used from	100 feet to 444 feet, and from	445 feet to 473 feet
Cable tools were used from	0 feet to 180 feet, and from	feet to feet

DATES

-----~~12-26~~, 19~~59~~ 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 4,697,000 Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. ----- 1,039 A.C.F. = 10371

EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1390	1390	Tan to gry cr-grn ss interbedded w/gry sh.
3190	1465	75	Ojo Alamo ss. White cr-grn s.
1465	2045	580	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2045	2290	245	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2290	2348	58	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2348	3920	1572	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
3920	3978	58	Cliff House ss. Gry, fine-grn, dense sil ss.
3978	4549	571	Menefee form. Gry, fine-grn s, carb sh & coal.
4549	4705	156	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
4705	4793	88	Mancos formation. Gry carb sh.

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FOG OF OIL OR GAS WELL

DEPARTMENT OF THE ARMY

TABLE 10-10 (continued)

FOG OF OIL OR GAS WELL

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12-24-59 Total Depth 4193'. C.O.D. 4112'. Water Trac Point Lookout pert. Int. 4450-4558; 4574-4586; 4594-4610; 4622-4630; 4640-4650; 4674-4688 w/61,500 gal. water and 60,000 sand. HDB 2300#, max. pr. 3000#, avg. tr. pr. 1000-1100-1400-2200#. I.R. 90.6 BHM. Flush for 836 gal. Dropped 3 sets of 10 balls - 4 stages.

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 abandoned, 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.

HISTORY OF OIL OR GAS WELL

U.S. GOVERNMENT PRINTING OFFICE

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FORMATION RECORD—Continued