Form 9-330

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079514
LEASE OR PERMIT TO PROSPECT

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 Bolack Field Blanco State New Mexico
Well No. 2 Sec. 33 T. 29N R. 7W Meridian N. M. P. M. County Rio Arriba
Location 990 ft. [N.] of N Line and 790 ft. [E.] of E Line of Section 33 Elevation 6454 (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 S. Schulman

Date November 5, 1953 Title Petroleum Engineer

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

Commenced drilling 9-21-53, 19 Finished drilling 10-5-53, 19

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3173 to 3241 (G) No. 4, from 5358 to 5511 (G)
No. 2, from 4306 to 4993 (G) No. 5, from to
No. 3, from 4993 to 5358 (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 From—	Perforated To—	Purpose
9-5/8	36	8 rd	Spang	162	Howco				Surface
7	23	8 rd	Spang	1565	Baker				Prod. Csg.
7	20	8 rd	Spang	3246	Baker				Prod. Csg.
2	4.7	8 rd	Youngst.	5484					Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	174	125	Circulated		
7	4765	500	Sing.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
Quart	Regular	S.N.G.	1828	10-6-53	4819-5511	5511

TOOLS USED

Rotary tools were used from 0 feet to 4765 feet, and from 4765 feet to 5511 feet Gas Drilling
Cable tools were used from feet to feet, and from feet to feet

DATES

October 7, 19 53 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 4,640,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1092

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	634	634	Tan cr-grn ss w/thin sh breaks.
634	1648	1014	Variegated sh w/thin ss breaks.
1648	2307	659	Tan to gry cr-grn ss interbedded w/gry sh.
2307	2398	91	Ojo Alamo ss. White cr-grn s.
2398	2801	403	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss.
2801	3173	372	Fruitland formation. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3173	3241	68	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss.
3241	4806	1565	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4806	4993	187	Cliff House ss. Gry, fine-grn, dense sil ss.
4993	5358	365	Menefee formation. Gry, fine-grn s, carb sh and coal.
5358	5511	153	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks.
			~~Mancos formation. Gry carb sh.~~

Tops

Ojo Alamo	2307	Cliff House	4806
Kirtland	2398	Menefee	4993
Fruitland	2801	Pt.Lkout	5358
Pict.Cliffs	3173		
Lewis	3241		

FOLD MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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 "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.

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