Form 9-330

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OCT 6 1955
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

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

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079366
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico

Lessor or Tract Rincon Unit Field Blanco State New Mexico

Well No. 33 Sec. 22 T. 27N R. 6W Meridian NMPM County Rio Arriba

Location 802 ft. {N.} of S Line and 950 ft. {E.} of W Line of Section 22 Elevation 6540'
(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 E. S. Oberly

Date October 4, 1955 Title Petroleum Engineer

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

Commenced drilling August 5, 1955 Finished drilling August 21, 1955

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3137 to 3202 (G) No. 4, from 5352 to 5485 (G)

No. 2, from 4793 to 4935 (G) No. 5, from to

No. 3, from 4935 to 5352 (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	25.4#	P 3	S.W.	160'	Howco				Surface
7	23	8 RD	J-55	4817'					Prod. Csg.
7	20	8 RD	J-55	4804'	Baker				
2	4.7	8 RD	J-55	5495'					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	172'	125	Circulated		
7	4745'	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
		See well History.				

TOOLS USED

Rotary tools were used from 0 feet to 4745 feet, and from 4745 feet to 5520 feet

Cable tools were used from feet to feet, and from feet to feet

DATES

August 23, 1955 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 3,669,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1104

EMPLOYEES

, Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1405	1405	Tan cr-grn ss w/thin sh breaks.
1405	2290	885	Variegated sh w/thin ss breaks.
2290	2535	245	Tan to gry cr-grn ss interbedded w/gry sh.
2535	2600	65	Ojo Alamo ss. White cr-grn s.
2600	2935	335	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2935	3137	202	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3137	3202	65	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3202	4793	1591	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4793	4935	142	Cliff House ss. Gry, fine-grn, dense sil ss.
4935	5352	417	Menefee form. Gry, fine-grn s, carb sh & coal.
5352	5485	133	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5485	5520 TD	35	Mancos formation. Gry carb sh.

[OVER]

16—43094-3

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

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.

8-18-55 T.D 4960'. Retainer set at 4655', Interval treated 4745' - 4960' with 15,000 gallons oil and 13,000# sand, Flush 2000 gallons. Injection rate 7.8 bbls./min. Maximum pressure 1800 psi, Breakdown pressure 1500 psi, Average treating pressure 1750 psi, Natural gage Cliff House 1020 MCF/D

8-22-55 Total Depth 5520'. Sandoil Point Lookout (ret. @ 5195'). Interval treated 5195' - 5520', Treatment 13,200 gal ons #2 diesel oil and 15,000# regular sand. Breakdown pressure and maximum pressure 1800 psi, Average treating pressure 1350 psi. Injection rate 7.5 bbls./min. Flush 2100 gallons. Natural gage Point Lookout TSTM. 72 hour gage Cliff House 2060 MCF/D Total gage 2060 MCF/D.

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