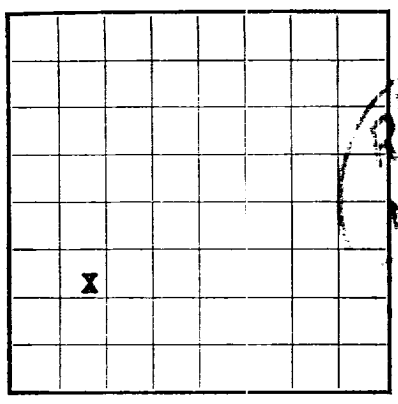
Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 080673
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED NOV 2 1960

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico

Lessor or Tract San Juan 27-4 Unit Field Blanco Mesa Verde State New Mexico

Well No. 24 Sec. 6 T. 27-N R. 4-W Meridian N.M.P.M. County Rio Arriba

Location 1650 ft. {N.} of S Line and 1090 ft. {E.} of W Line of Section 6 Elevation 7015
(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 [illegible]

Date November 22, 1960 Title Petroleum Engineer

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

Commenced drilling 10-1-, 19 60 Finished drilling 10-13-, 19 60

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3863 to 4018 (G) No. 4, from 6034 to 6174 (G)

No. 2, from 5614 to 5699 (G) No. 5, from to

No. 3, from 5699 to 6034 (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
10 3/4"	32.75	8 R.	B.M.	133	Howco				Surface
7 5/8"	26.4	8 Rd.	J-55	4129	Baker				Intermediate
5 1/2"	15.5	8 Rd.	J-55	2210	Baker				Prod liner
2"	4.7	8 Rd.	J-55	6173					prod tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	133	197	Howco		
7 5/8"	4136	100	Baker		
5 1/2"	4046-6256	210	Baker		

FOLD MARK

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 4140 feet, and from 4140 feet to Drilled 6267 feet

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

DATES

10-22-, 19 60 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 3,665,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1120 A.O.F. 6073 MCF/D

EMPLOYEES

, Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3317	3317	Tan to gry cr-grn ss interbedded w/gry sh.
3317	3423	106	Ojo Alamo ss. White cr-grn s.
3423	3653	230	Kirtland form Gry sh interbedded w/tight gry fine-grn ss.
3653	3863	210	Fruitland form Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3863	4018	155	Pictured Cliffs form Gry, fine-grn, tight, varicolored soft ss.
4018	5614	1596	Lewis form. Gry, fine-grn, dense sil ss.
5614	5699	85	Cliff House ss. Gry, fine-grn, dense sil ss.
5699	6034	335	Menefee form. Gry, fine-grn s, carb sh & coal.
6034	6174	140	Point Lookout from. Gry very fine sil ss w/frequent sh breaks.
6174	6267	93	Mancos form. Gry carb sh.

[OVER]

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

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

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.

6032-48;6054-62;
6068-74;6092-98;
6108-16;6122-28;
6138-36;6148-54;
(2 DJ/ft.)

C.O.F.D. 6809 On 10-19-60.
Water frac Point Lookout. Perf w/62,500 gal water,
60,000 # sand. Flush w/12,500 gal. IR 62.0 BPM.
ISP none, max pr 2400 #. Tr pr 1000-1200-1400-2200 #.
4 stages dropped 3 sets of 30 balls each.

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