Form 9-330

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

U. S. Land Office Santa Fe
Serial Number 080713-B
Lease or Permit to Prospect 14-08-001-538

RECEIVED SEP 10 1958 OIL CON. COM DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED SEP 1958

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Abraham Field Blanco State New Mexico
Well No. 2-B Sec. 14 T. 30N R. 6W Meridian N.M.P.M. County Rio Arriba
Location 790 ft. [S.] of N Line and 800 ft. [W.] of E Line of Section 14 Elevation 6359 (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 Original Signed D. C. Johnston

Date September 4, 1958 Title Petroleum Engineer

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

Commenced drilling 5-9, 19 58 Finished drilling 8-1, 19 58

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3253 to 3388 (G) No. 4, from 5518 to 5708 (G)
No. 2, from 5212 to 5268 (G) No. 5, from to
No. 3, from 5268 to 5518 (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	P. E.	S. W.	162	Howco				Surface
7 5/8	26.4	8 Rd.	J-55	3468	Baker				Intermediate
5 1/2	15.5	8 Rd.	J-55	5758	Baker				Prod. Liner
2"	4.7	8 Rd.	J-55	5679					Siphon

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	172'	200	Circulated		
7 5/8	3472	200	Single Stage		
5 1/2	3392-5756	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
		See Well History				

TOOLS USED

Rotary tools were used from 175 feet to 3474 feet, and from 3474 feet to 5759 feet (Gas Drilled)
Cable tools were used from 0 feet to 175 feet, and from feet to feet

DATES

8-9, 19 58 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 3,516,000 Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. 1070 A.O.F. = 5295 MCF/D

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2317	2317	Tan to gry cr-grn ss interbedded w/gry sh.
2317	2516	199	Ojo Alamo ss. White cr-grn s.
2516	2948	432	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2948	3253	305	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3253	3388	135	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3388	5212	1824	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5212	5268	56	Cliff House ss. Gry, fine-grn, dense sil ss.
5268	5518	250	Menefee form. Gry, fine-grn s, carb sh & coal.
5518	5708	190	Point Lookout form. Gry, fine sil ss w/frequent sh breaks.
5708	5759	51	Mancos formation Gry carb sh.

[OVER]

16—43094-4

FORMATION RECORD—Continued

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.

8-4-58 T.D. 5759'. C.O.T.D. 5711'. Shot 2 DJ/ft. Water fraced. Point Lookout perf. int. 5520-40; 5546-66; 5580-5606; 5618-36; 5650-70; 5680-90; 5696-5706 w/55,000 gal. water, 55,000# sand. B.D.P. 1400#, max. pr. 1700#, avg. tr. pr. 1400-1300-1325-1350-1400-1550#. I.R. 79.2 BPM. Flushed w/9030 gal. water. 6 stages - 4 ball drops 45 balls each, 1 drop 40 balls.

8-5-58 T.D. 5759'. Bridge plug at 5510'. Shot 2 DJ/ft. Water frac. Cliff House perf. int. 5246-60; 5350-60; 5370-80; 5400-20; 5474-84 w/40,000 gal. Water & 40,000# sand. Flushed w/8820 gal. water. BDP 650#, max. pr. 2150#, tr. pr. 1800-1800-1850-1950-2100#. I.R. 63.5 BPM. 5 stages - 4 ball drops 20 balls each.