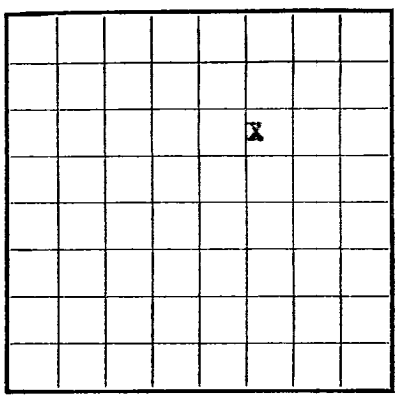
Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 080714-A
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED SEP 20 1957 U. S. GEOLOGICAL SURVEY FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

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

Lessor or Tract Abraham Field Blanco State New Mexico

Well No. 1-C Sec. 15 T. 30N R. 6W Meridian NMPM County Rio Arriba

Location 1600 ft. N. of S. Line and 1600 ft. E. of W. Line of Sec. 15 Elevation 6219' (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 18, 1957 Title Petroleum Engineer

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

Commenced drilling 6-16, 19 57 Finished drilling 7-27, 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3120 to 3222 (G) No. 4, from 5363 to 5547 (G)

No. 2, from 5162 to 5210 (G) No. 5, from to

No. 3, from 5210 to 5363 (G) No. 6, from to

RECEIVED SEP 23 1957 OIL CON. COM. DIST. 3

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	SW	161'	HOMCO				Surface
7 5/8	26.40	8	J-55	3338	Baker				Intermediate
5 1/2	15.50	8	J-55	5653	Baker				Prod. Casing
2	4.7	8	J-55	5534					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	174	150	Circulated		
7 5/8	3338	250	Single Stage		
5 1/2	5663	300	Single Stage		

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 175 feet to 3338 feet, and from 3338 feet to 5665 feet

Cable tools were used from 0 feet to 175 feet, and from feet to feet

Gas Drilled

DATES

8-2, 19 57 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 4448 MCF Gallons gasoline per 1,000 cu. ft. of gas None

Rock pressure, lbs. per sq. in. 626 Ch. Volume = 3329 MCF/D

SICP 1115 psi

EMPLOYEES

, Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2158	2158	Tan to gry cr-grn ss interbedded w/gry sh.
2158	2336	178	Ojo Alamo ss. White cr-grn s.
2336	2855	519	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2855	3120	265	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3120	3222	102	Pictured Cliffs form. Gry, fine-grn, tight varicolored soft ss.
3222	5162	1940	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5162	5210	48	Cliff House ss. Gry, fine-grn, dense sil ss.
5210	5363	153	Menefee form. Gry, fine-grn s, carb sh & coal.
5363	5547	184	Point Lookout form. Gry, veryfine sil ss w/frequent sh breaks.
5547	5665	18	Mancos formation. Gry carb sh.

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.

7-30-57 Water fraced. Mesa Verde perf. int. 5122-40; 5164-90; 5310-26; 5362-84; 5428-58; 5483-5502; w/113,000 gal. water and 110,000# sand. Breakdown pr. 1800#, max pr. 2500, avg. tr. pr. 2000#; IR 42 BPM. Dropped 14 sets of 16 balls for 15 stages.