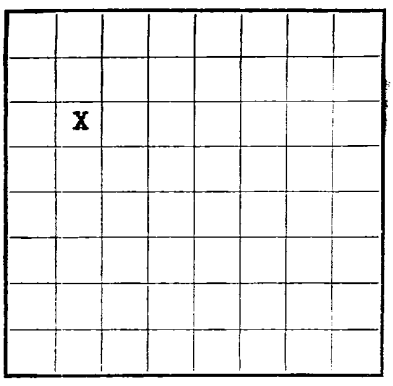
Form 9-330

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

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078461
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Filan Field So.Blanco P.C. State New Mexico
Well No. 3 Sec. 5 T. 27N R. 8W Meridian N.M.P.M. County San Juan
Location 1470 ft. [N.] of N Line and 1080 ft. [E.] of W Line of Section 5 Elevation 6118'
(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. Original Signed By:
Signed [illegible]

Date September 16, 1958 Title Petroleum Engineer

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

Commenced drilling 5-8-, 1958 Finished drilling 5-12-, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2329 to 2391 (G) No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to 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
8 5/8"	24	8 Rd.	J-55	119'	Howco				Surface
5 1/2"	15.5	8 Rd.	J-55	2425'	Baker				Prod. csg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	129'	100	Circulated		
5 1/2"	2435'	200	Singel 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 2436 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

P & A 9-3-, 1958 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 P & A Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1378	1378	Tan to gry cr-grn ss interbedded w/gry sh.
1378	1490	112	Ojo Alamo ss. White cr-grn s.
1490	2049	559	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2049	2329	280	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2329	2391	62	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2391	2436	45	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

FOLD | MARK

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.

8-27-58 T.D. 2436'. C.O.T.D. 2414'. Pumped 200 gal. MCA in well before perforating water frac. P.C. perf. int. 2296-2308; 2328-2338; 2346-2363 w/29,400 gal. water and 35,000# sand. BDP 2800#, max. pr. 3500#, avg. tr. pr. 1700#. I.R. 49 B.P.M. Flush 2400 gallons. Inj. one set of 45 balls-balled off. Released balls and continued frac.

9-3-58 T.D. 2436'. This well was P & A in following manner:

1. Set Howco D.C. Bridge plug @ 2250'.
2. Sq. P.C. perf. int. w/50 sks. cement.
3. Spotted 10 sks. cement on top of packer.
4. Welded steel plate to well head.
5. Set 4' x 4" pipe as permanent marker.