Form 9-330

Form approved.
Budget Bureau No. 42-R355.4.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078161
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract Lloyd "B" Field Aztec Pictured Cliffs State New Mexico
Well No. 3 Sec. 1 T. 29N R. 11W Meridian N.M.P.M. County SAN JUAN
Location 1800 ft. {N. / S.} of N Line and 897 ft. {E. / W.} of W Line of Section 1 Elevation 5803 (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 H.E. McCANNON

Date September 11, 1962 Title Petroleum Engineer

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

Commenced drilling 8-2, 1962 Finished drilling 8-7, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2119 to 2186 (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	107	Homco				Surface
2 7/8	6.4	8 rd	J-55	2237	Baker				Prod

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	118	120	circulated		
2 7/8"	2246	120	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
Frac 2120-24;2134-38;2154-58 (3 SPF); Frac w/38,000 gallons water, 36,000# sand. Flush w/900 gallons water. I.R. 25 BPM. Max pr 2900#, BDP 2300#, tr pr 2500-2900#. 2 drops of 12 balls.						

TOOLS USED

Rotary tools were used from 0 feet to 2246 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

8-24, 1962 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 2,663,000 Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. 254 - casing A.O.F. 3419 MCF/D

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	835	835	Tan to gry cr-grn ss interbedded w/gry sh.
835	958	123	Ojo Alamo ss. White cr-grn s.
958	1816	858	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
1816	2119	303	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2119	2186	67	Pictured Cliffs forms. Gry, fine-grn, tight, varicolored soft ss.
2186	2246	60	Lewis form. Gry, fine-grn, dense sil ss.

FOLD MARK

16—43094-5

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.