Form 9-330

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

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 077106
LEASE OR PERMIT TO PROSPECT

RECEIVED AUG 27 1962 OIL CON. DIST. 3

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 Lackey "B" Field Aztec P. C. State New Mexico
Well No. 18 Sec. 30 T. 28N R. 9W Meridian N.M.P.M. County San Juan
Location 830 ft. [N/S] of N Line and 790 ft. [E/W] of W Line of Section 30 Elevation 6095 (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. W. Meehan
Date August 21, 1962 Title Petroleum Engineer

The summary on this page is for the condition of the well at above date.
Commenced drilling 7-18-, 19 62 Finished drilling 7-22-, 19 62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2203 to 2280 (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	103	Howco				Surface
2 7/8"	6.4	8 rd	J-55	2314	Baker				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	114	130	circulated		
2 7/8"	2323	115	single		

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
Perf 2216-22;2238-44 (2 SPF) Frac w/30,500 gallons water, 30,000# sand. Flush w/ 2100 gallons water, I.R. 24 BPM. Max pr 3900#, BDP 2400#, tr pr 3000-3900#. 1 drop of 12 balls.						

TOOLS USED

Rotary tools were used from 0 feet to 2323 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

8-19-, 19 62 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 2,136,000 Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. 602 csg. A.O.F. 2396 MCF/D

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1170	1170	Tan to gry cr-grn ss interbedded w/gry sh.
1170	1285	105	Ojo Alamo ss. White cr-grn s.
1285	1928	643	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
1928	2203	275	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2203	2280	77	Pictured Cliffs forms Gry, fine-grn, tight, varicolored soft ss.
2280	2323	43	Lewis form. Gry, fine-grn, dense sil ss.

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.