Form 9-330

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

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078913
LEASE OR PERMIT TO PROSPECT

NOV 28 1962
OIL CON. COM.
DIST. 3

RECEIVED
NOV 26 1962
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

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 Lindrith Unit Field So. Blanco P. C. State New Mexico
Well No. 42 Sec. 22 T. 24N R. 3W Meridian N.M.P.M. County Rio Arriba
Location 890 ft. {N. / S.} of N Line and 1090 ft. {E. / W.} of E Line of Section 22 Elevation 7139 (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. MCNALLY

Date November 20, 1962 Title Petroleum Engineer

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

Commenced drilling 5-6-, 19 62 Finished drilling 5-11-, 19 62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3213 to 3310 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	134	NOWCO				Surface
2 7/8"	6.4	8 rd	J-55	3301	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"	135	130	circulated		
2 7/8"	3310	145	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 3260-68; 3207-3219; Frac w/35,000# sand, 36,800 gallons water. BDP 1800#, Flush 1600 gallons water. Max pr 2900#, tr pr 2400-2600#. 1 drop of 15 balls.						

TOOLS USED

Rotary tools were used from 135 feet to 3310 feet, and from feet to feet
Cable tools were used from 0 feet to 135 feet, and from feet to feet

DATES

, 19 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 1,430,000 Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. 968 csg. A.O.F. 1470

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2790	2790	Tan to gry cr-grn ss interbedded w/gry sh.
2790	2945	155	Ojo Alamo ss. White cr-grn s.
2945	3100	155	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3100	3213	113	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3213	3310	97	Pictured Cliffs forms. Gry, fine-grn tight, varicolored soft 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.