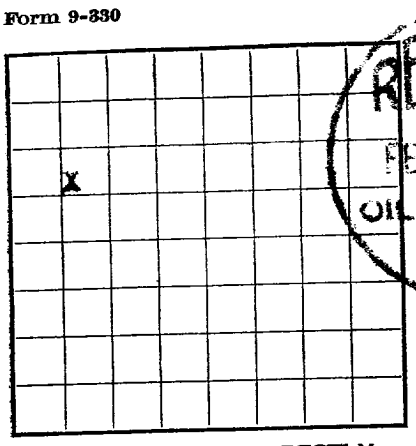
Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

Form 9-330

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 01418
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 Gardner Field Tapacito P.C.Ext State New Mexico
Well No. 1 Sec. 24 T. 25N R. 3W Meridian N.M.P.M. County Rio Arriba
Location 1650 ft. {N.} of N Line and 990 ft. {E.} of W Line of Section 24 Elevation 7213
(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 By: D H. Oheim

Date January 27, 1960 Title Petroleum Engineer

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

Commenced drilling 10-17, 19 59 Finished drilling 10-22, 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3620 to 3700 (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
9 5/8	36	8 RD		132					Surface
5 1/2	15.5	8 RD		3715	Baker				Prod.Csg

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	132	90	Circulated		
5 1/2	3717	82	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
			See Well History			

TOOLS USED

Rotary tools were used from 0 feet to 3718 feet, and from ____ feet to ____ feet
Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

T A 11-11, 19 59 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 ____ Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

Rio Arriba Drilling Co., Driller ____, Driller
____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3355	3355	Tan to gry cr-grn ss interbedded w/gry sh.
3355	3450	95	Ojo Alamo ss. White cr-grn s.
3450	3510	60	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3510	3620	110	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3620	3700	80	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3700	3718	18	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

(OVER)

16—48094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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.

11-5-59 Shot 4 way squeeze slot @ 3650'. Tested to 3000# - held O.K.
11-6-59 C.O.T.D. 3630'. Treated Pictured Cliffs perf. int. 3658-72 (2 DJ/ft) w/33,600 gal. water, 35000# sand. Flushed w/3738 gal. water. I.F. 35.1 BPM. Max. pr. 2600#, ADP 2600#, tr. pr. 700-1200-1700#. Spotted 250 gal. BDA before frac. Used 1% Calcium Chloride in frac water. Dropped 1 set of 10 balls and 1 set of 9 balls for 3 stages.
11-11-59 This well was temporarily abandoned by installing Xmas tree and valves.

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
DIST. 3

Form 9-330