Form 9-330

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

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 077764
LEASE OR PERMIT TO PROSPECT

RECEIVED
AUG 16 1962
OIL CON. COM.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Co. Address Box 990, Farmington, New Mexico
Lessor or Tract Schumacher Field Basin Dakota State New Mexico
Well No. 12 Sec. 17 T. 30N R. 10W Meridian N.M.P.M. County San Juan
Location 800 ft. {N.} of S Line and 800 ft. {E.} of W Line of Sec. 17 Elevation 6467
(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 13, 1962 Title Petroleum Engineer

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

Commenced drilling ....., 19.... Finished drilling ....., 19....

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 7238 to 7382 (G) No. 4, from ..... to .....
No. 2, from 7382 to 7508 (G) 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.	J-55	20'	Baker				Surface
4 1/2	11.6/10.5	8 Rd.	J-55	7389	Baker				Prod. Csg.
2 3/8	4.7	8 Rd.	J-55	7408	Baker				Prod. Tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	301	200	Circulated		
4 1/2	7541	715	3 Stg.		

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. 7297-7303 w/2 SPF; 7384-88, 7396-7400 w/3 SPF, frac. w/71,000 gallons water 80,000# sand. Flush w/5000 gallons water. I.R. 31.5 BPM. Max. pr. 4300#, MDP 1350#, tr. pr. 3400-3200-3000#. Dropped 3 sets of 12 balls.						

TOOLS USED

Rotary tools were used from 0 feet to 7541 feet, and from ..... feet to ..... feet
Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

DATES

7-19, 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 2,455,000 Gallons gasoline per 1,000 cu. ft. of gas .....
Rock pressure, lbs. per sq. in. 2042 Csg. A.O.F. = 2612 MCF/D

EMPLOYEES

Brannon & Murray Rig #2, Driller ....., Driller
....., Driller ....., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1572	1572	Tan to gry cr-grn ss interbedded w/gry sh.
1572	1660	88	Ojo Alamo ss. White cr-grn s.
1660	2580	920	Kirtland form. Gry sh interbedded w/tight gry fine grn ss.
2580	2909	329	Fruitland form. Gry carb sh, scattered coals, coals & gry, tight, fine-grn ss.
2909	2990	81	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2990	4540	1550	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4540	4722	182	Cliff House ss. Gry, fine-grn, dense sil ss.
4722	5164	442	Menefee form. Gry, fine-grn s, carb sh & coal.
5164	5426	262	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5426	6443	1017	Mancos formation. Gry carb sh.
6443	7178	735	Gallup form. Lt gry to brn calc carb micac glauco very fine gry ss w/irreg interbed sh.
7178	7238	60	Greenhorn form. Highly calc gry sh w/thin lmst.
7238	7382	144	Graneros form. Dk gry shale, fossil & carb w/prit incl.
7382	7508	126	Dakota form. Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks.
7508	7541	33	Morrison form. Interbed grn brn & red wavy sh & fr to cr grained ss.

[OVER]

16—43094-4

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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.