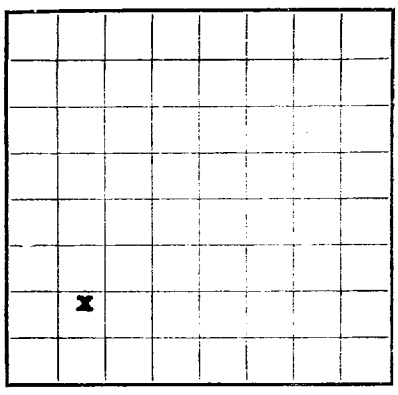
Budget Bureau No. 42-R355.2.
Approval expires 12-31-62.

Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078487-c
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 Sunray Field Blanco State New Mexico
Well No. 1 Sec. 5 T. 29N R. 8W Meridian N.M.P.M. County San Juan
Location 990 ft. [N.] of S Line and 990 ft. [E.] of W Line of Section 5 Elevation 6382
(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 L. Schuleman

Date May 8, 1953 Title Petroleum Engineer.

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

Commenced drilling March 24, 19 53 Finished drilling April 9, 19 53

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3038 to 3062 (G) No. 4, from ____ to ____
No. 2, from 4662 to 4825 (G) No. 5, from ____ to ____
No. 3, from 5254 to 5385 (G) 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	25.4	S.W.	ARMCO	162	ARMCO				Surface
7"	23	8R	Spang	4590	BAKER				Prod.
2"	4.7#	8R	Youngst.	5392					Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	173'	150 sks	Circulated		
7"	4600	300 sks	Sing. 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
Quart	Regular	S.N.G.	1560	4/7/53	4673-5443'	5443'

TOOLS USED

Rotary tools were used from 0 feet to 4600 feet, and from 4600 (Gas Drill-in) feet to 5443 feet
Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

April 9, 19 53 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 5,878,000 Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. 1078

EMPLOYEES

____, Driller ____, Driller
____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	630	630	Tan cr-grn ss w/thin sh breaks.
630	1655	1025	Variegated sh w/thin ss breaks.
1655	1948	293	Tan to gry cr-grn ss interbedded w/gry sh.
1948	2112	164	Ojo Alamo ss. Wh cr-grn s. Top Ojo Alamo 1948.
2112	2745	633	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 2112.
2745	3038	293	Fruitland formation. Gry carb sh, scattered coals & gry, tight, fine-grn ss. Top Fruitland formation 2745.
3038	3062	24	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 3038.
3062	4662	1600	Lewis formation. Gry to wh dense sh w/silty to shaly ss breaks. Top Lewis 3062.
4662	4825	163	Cliff House ss. Gry, fine-grn, dense sil ss. Top Cliff House 4662.
4825	5254	429	Menefee formation. Gry, fine-grn s, carb sh and coal. Top Menefee 4825.
5254	5385	131	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks. Top Point Lookout 5254.
5385	5443	58	Mancos formation. Gry carb sh. Top Mancos 5385.

[OVER]

16—43094-2

FORMATION RECORD—Continued

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.