Form 9-330

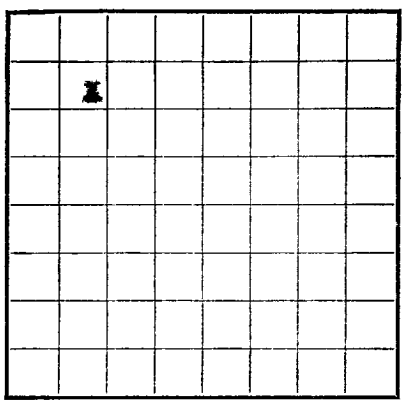
Budget Bureau No. 42-R-355.3.
Approval expires 12-31-60.

U. S. LAND OFFICE Jicarilla
SERIAL NUMBER Cont. No. 66 Pr. No. 12
LEASE OR PERMIT TO PROSPECT

RECEIVED
AUG 12 1957
OIL CON. COM.
DIST. 3

RECEIVED
AUG 9 1957
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 997, Farmington, New Mexico
Lessor or Tract Jicarilla Field So. Blanco P.C. State New Mexico
Well No. 4-B Sec. 34 T. 29N R. 4W Meridian N.M.P.M. County Rio Arriba
Location 1170 ft. {N/S} of N Line and 985 ft. {E/W} of W Line of Sec. 34 Elevation 6930'
(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. C. Johnston

Date August 2, 1957 Title Petroleum Engineer

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

Commenced drilling 4-16, 19 57 Finished drilling 4-19, 19 57

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3152 to 3240 (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"	25.4	8 R.	S.W.	132'	Baker				Surface
5 1/2"	15.5	8 R.	S.W.	3275'	Baker				Prod. Csg.
2 3/8"	4.7	8 RD.	J-55	3094					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"	132'	100	Circulated		
5 1/2"	3275'	150	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 3275 feet, and from ____ feet to ____ feet
Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

6-25, 19 57 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 4,281,000 Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. 971

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	2630	2630	Tan to gry cr-grn ss interbedded w/gry sh.
2630	2820	190	Ojo Alamo ss. White cr-grn s.
2820	2973	153	Kirtland form. gry sh interbedded w/tight gry fine-grn ss.
2973	3152	179	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3152	3240	88	Pictured Cliffs form. Gry, fine-grn, tight, variegated soft ss.
3240	3275	35	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

FROM— TO— TOTAL FEET FORMATION

[OVER] 16—43094-8

FORMATION RECORD—Continued

Form 9-330

Budget Bureau No. 42-R-355.2.
Approval expires 12-31-55.

U. S. LAND OFFICE ....

SERIAL NUMBER ....

LEASE OR PERMIT TO PROSPECT ....

RECEIVED
OIL CON. COM.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company .... Address ....

Lessor or Tract .... Field .... State ....

Well No. .... Sec. .... T. .... R. .... Meridian .... County ....

Location .... ft. of N/S line and .... ft. of E/W line of .... Elevation ....

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. C. Johnston

Date .... Title ....

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 .... to .... 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 ....

2-6-57 T. D. 3215, C. O. 3196 feet. 3174-90' 2 SPF Frac. w/23,500 Gal. water and 32,000# sd. Flush w/4900 Gal. I. R. = 27 BPM./min. BD = 1000 Max. = 2700 Avg. = 1700

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose

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.

HISTORY OF OIL OR GAS WELL

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

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

TOOLS USED

Rotary tools were used from .... feet to .... feet, and from .... feet to .... feet

Cable tools were used from .... feet to .... feet, and from .... feet to .... feet

DATES

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

.........., Driller ...., Driller

.........., Driller ...., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	3215	[illegible]	[illegible]

FROM—	TO—	TOTAL FEET	FORMATION

[OVER] 16—43094-4

FORMATION RECORD—Continued