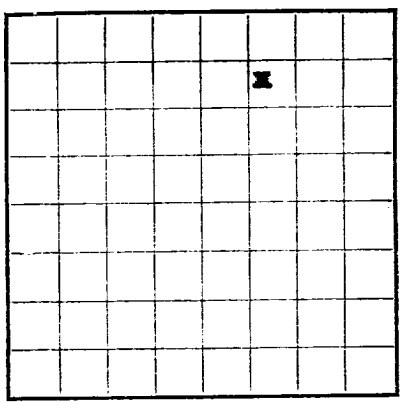
Budget Bureau No. 42-R355.2.
Approval expires 12-31-52.

Form 9-330

U. S. Land Office Santa Fe
Serial Number 080379
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 Co. Address Box 997 Farmington, New Mexico
Lessor or Tract Bolack Field Blanco State New Mexico
Well No. 3-A Sec. 7 T. 29N R. 6W Meridian N. M. P. M. County Rio Arriba
Location 990 ft. [N.] of N Line and 1650 ft. [E.] of E Line of Section 7 Elevation 6805
(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 J. F. Bullock

Date February 25, 1953 Title Petroleum Engineer

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

Commenced drilling November 6, 1952 Finished drilling December 15, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3705 to 3785 (G) No. 4, from 5903 to 5975 (G)
No. 2, from 5368 to 5588 (G) No. 5, from ____ to ____
No. 3, from 5588 to 5903 (G) No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from ____ to ____ No. 3, from ____ to ____
No. 2, from ____ to ____ No. 4, from ____ to ____

RECEIVED
OIL CON. COM.
DIST. 3

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	S. W.	152	HOWCO				Surface
7"	20#	8	Youngst.	5396	HOWCO				Prod. Csg.
2"	4.7#	8	Youngst.	6045					Prod. Tubg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	163	125	Circulated		
7"	5347	300	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.	1320	12-15-52	5459-6079	6071'

TOOLS USED

Rotary tools were used from 0 feet to 5396 feet, and from Gas Drill-in 5396 feet to 6079 feet
Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

December 18, 1952 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 627,000 Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. 1097

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	405	405	Tan cr-grn ss w/thin sh breaks.
405	915	510	Variegated sh w/thin ss breaks.
915	2825	1910	Tan to gry cr-grn ss interbedded w/gry sh.
2825	2925	100	Ojo Alamo ss. Wh cr-grn s. Top Ojo Alamo 2825.
2925	3460	535	Kirtland formation. Gry sh interbedded with tight,gry fine-grn ss. Top Kirtland 2925.
3460	3705	245	Fruitland formation. Gry carb sh,scattered coals & gry,tight,fine-grn ss. Top Fruitland 3460
3705	3785	80	Pictured Cliffs formation. Gry,fine-grn,tight, varicolored soft ss. Top Pictured Cliffs 3705.
3785	5368	1583	Lewis formation. Gry to wh dense sh w/silty to shaly ss breaks. Top Lewis 3785.
5368	5588	220	Cliff House ss. Gry,fine-grn,dense sil ss. Top of Cliff House 5368.
5588	5903	315	Menefee formation. Gry,fine-grn s, carb sh and coal. Top Menefee 5588.
5903	5975	72	Point Lookout formation. Gry,v fine sil ss w/ frequent sh breaks. Top Point Lookout 5903.
5975	6079	104	Mancos formation. Gry carb sh. Top 5975. /Mancos/

FOLD

MARK

FROM— TO— TOTAL FEET [OVER] FORMATION 16—43094-2

FORMATION RECORD—Continued

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

[OVER] 16—43094-2

HISTORY OF OIL OR GAS WELL

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

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.