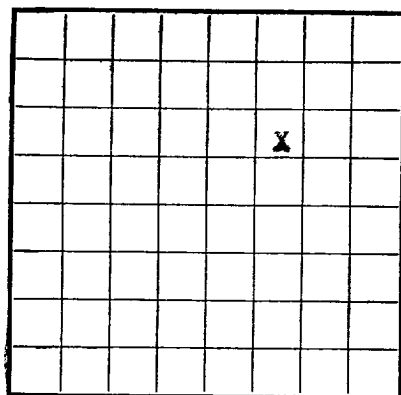




LOCATE WELL CORRECTLY



U. S. LAND OFFICE **Santa Fe** ✓
SERIAL NUMBER **078925**
LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Canyon Largo Unit Field Ballard P.C. Ext. State New Mexico
Well No. 74 Sec. 26 T. 24N R. 6W Meridian N.M.P.M. County Rio Arriba
Location 1550 ft. S. of N Line and 1652 ft. W of E Line of Section 26 Elevation 6741

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. ORIGINAL SIGNED H.E. McANALLY
Signed _____

Date May 25, 1959 Title Petroleum Engineer

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

Commenced drilling 3-21, 1959 Finished drilling 4-12, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2224 to 2300 (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 _____

21 BLM. LITHUM 5500 SUTTONS				22 BLM. LITHUM 5500 SUTTONS				23 BLM. LITHUM 5500 SUTTONS			
Casing Record				Casing Record				Casing Record			
Size casing	Weight per foot	Depth in feet	Remarks	Size casing	Weight per foot	Depth in feet	Remarks	Size casing	Weight per foot	Depth in feet	Remarks
2-0-22	24	8 Rd.	J-55 129'	2-0-22	24	8 Rd.	J-55 129'	2-0-22	24	8 Rd.	J-55 129'
It is of the greatest importance to make a complete record of the well.				It is of the greatest importance to make a complete record of the well.				It is of the greatest importance to make a complete record of the well.			

MUDDING AND CEMENTING RECORD

<u>Size casing</u>	<u>Where set</u>	<u>Number sacks of cement</u>	<u>Method used</u>	<u>Mud gravity</u>	<u>Amount of mud used</u>
8-5/8"	139'	126	Circulated		
5-1/2"	2335	80	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 142 feet to 2337 feet, and from _____ feet to _____ feet.

Cable tools were used from 0 feet to 142 feet, and from _____ feet to _____ feet.

DATES

-----5-8-----, 1959-----	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 1,203,000-----	Gallons gasoline per 1,000 cu. ft. of gas -----
Rock pressure, lbs. per sq. in. 679-----	

EMPLOYEES

_____	_____	_____, Driller	_____	_____, Driller
_____	_____	_____, Driller	_____	_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1690	1690	Tan to gry cr-grn ss interbedded w/gry sh.
1690	1820	130	Ojo Alamo ss. White cr-grn s.
1820	2067	247	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2067	2224	157	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2224	2300	76	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2300	2337	37	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

A blank grid paper template consisting of a 10x10 grid of squares. The grid is formed by thin black lines on a white background. There are no markings or text on the grid itself.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Company of 1450 Natural Gas Company
Lessor or Trust
Canyon Largo Unit
Well No. 14
Sec. 20 T. 4N. R. 6W Meridian
Location 1550 ft. S. of N. line and 1025 ft. W. of E. line of Section 20
Elevation 5141
The information given herewith is a complete and correct record of the well and all work done thereon
as far as can be determined from all available records.
Signed
Date May 23, 1933
Title Petroleum Engineer
The summary on this page is for the condition of the well at above date.
Commenced drilling 3-21 1933
Finished drilling 4-12 1933
10-23

OIL OR GAS SANDS OR ZONES

(Dereferans by G)

No. 1, from _____ to _____ 1910
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____

IMPORTANT WATER SANDS

----- of ----- month, 8. o'clock ----- of ----- month, 1. o'clock
 ----- of ----- month, 4. o'clock ----- of ----- month, 9. o'clock

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 rings or bridges were put in to rest the bottom, state what material used, position, and results of pumping, or falling.

Casing	Size
2-6-79	8 in.
W.B. 2334	8 in.
C.O.S.D. 2280	8 in.
Water Trac. Placed at Office Port. Int.	8 in.
2226-24260-10 (2 1/2 ft.) W/5/500 gallons water w/1/5 gallons chlorides	8 in.
35,000 gals. and 2500 gal. Nov. 22, 1907, Aug. 22, 1900-1900-1 R.R.	8 in.
57 B.M. Flush 2200 gallons. Spotted 250 gallons Run before perforations.	8 in.

CASING RECORD

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

MIDDLETOWN AND CEMENTING RECORD

Size Grade	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
1 1/2"	633	15	Orificed		
2 1/2"	135	15	Orificed		

PLUGS AND ADAPTERS

Heaving plug—Material		Length		Depth set
Adapters—Material		Size		

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from	1-45	feet to	1-53	feet, and from	feet to
Cable tools were used from	1-45	feet to	1-45	feet, and from	feet to

DATE

Rock pressure, lbs. per sq. in.	175
Oil gas well, cu. ft. per 24 hours	1,500,000
emulsion; and % sediment	2
The production for the first 24 hours was	10-25
Put to producing	10

EMPLOYEES

Driller	Driller		
Driller	Driller		

FORMATION RECORD

FORMATION	TOTAL FEET	TO-	FROM-
Thin to gray cr-gin as interbedded w/gray sh.	1600	1600	0
Gray sh. as. white cr-gin s.	150	1500	1650
Kindred form. Gray sh interbedded w/gray	847	2007	1750
Gray fine-grn ss.			
Kindred form. Gray carb sh, scattered coal	277	2284	2007
Coals and gray, light, fine-grn ss.			
Kindred Cliffs form. Gray, fine-grn, light	76	2360	2284
Light-colored soft ss.			
Lewis formation. Gray to white dense sh w/gray	37	2397	2360
ss shaly ss breaks.			

FORMATION RECORD—Continued

$$A = \begin{pmatrix} 0 & 0 \\ 0 & 0 \end{pmatrix} \quad B = \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}$$

[OVER]

TOTAL FEET

—01

—KOLLE