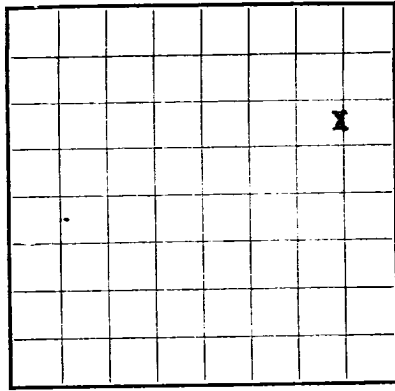


U. S. LAND OFFICE Santa Fe  
SERIAL NUMBER 080032-A  
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

RECEIVED  
FEB 25 1953  
U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington  
Lessor or Tract Feuille Field Blanco State New Mexico  
Well No. 1 Sec. 13 T. 29NR. 9W Meridian N. M. P. M. County San Juan  
Location 1650 ft. West of N. Line and 990 ft. West of E. Line of Section 13 Elevation 6451  
(Derrick floor relative to 6451)

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 [Signature]

Date February 23, 1953 Title Petroleum Engineer.

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

Commenced drilling November 8, 1952 Finished drilling December 1, 1952

OIL OR GAS SANDS OR ZONES  
(Denote gas by G)

No. 1, from 3030 to 3085 (G) No. 4, from 5230 to 5354 (G)  
No. 2, from 4648 to 4806 (G) No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 4806 to 5230 (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		Purpose
							From-	To-	
<u>9 5/8</u>	<u>25.4</u>	<u>8</u>	<u>S. W.</u>	<u>162</u>	<u>HOWCO</u>				<u>Surface</u>
<u>7"</u>	<u>25</u>	<u>8</u>	<u>Special</u>	<u>5000</u>	<u>HOWCO</u>				<u>Inner Csg.</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9 5/8</u>	<u>1751</u>	<u>146</u>	<u>Circulated</u>		
<u>7"</u>	<u>4619</u>	<u>300</u>	<u>Single Stage</u>		

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
<u>Quart</u>	<u>Regular</u>	<u>S.N.O.</u>	<u>1545</u>	<u>12-2-52</u>	<u>4688-5438</u>	<u>5450</u>

TOOLS USED

Rotary tools were used from 0 feet to 4630 feet, and from 4630 feet to 5450 feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

December 28, 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 4,710,000 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. 1057

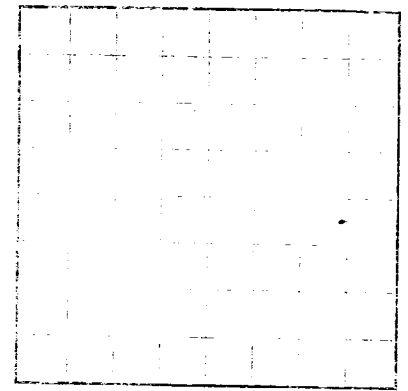
EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	535	535	Tan cr-grn ss w/thin sh breaks.
535	1122	587	Variegated sh w/thin ss breaks.
1122	1985	863	Tan to gry cr-grn ss interbedded w/gry sh.
1985	2090	105	Ojo Alamo ss. Wh cr-grn s. Top Ojo Alamo 1985.
2090	2722	632	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 2090.
2722	3030	308	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss. Top Fruitland 2722.
3030	3085	55	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 3030.
3085	4648	1563	Lewis formation. Gry to wh dense sh w/silty to shaly ss breaks. Top Lewis 3085.
4648	4806	158	Cliff House ss. Gry, fine-grn, dense sil ss. Top of Cliff House 4648.
4806	5230	424	Manatee formation. Gry, fine-grn s, carb sh and coal. Top Manatee... 4806.
5230	5354	124	Point Lockout formation. Gry, very fine sil ss w/ frequent sh breaks. Top Point Lockout 5230.
5354	5450 TD	96	Nancoos formation. Gry carb sh. Top Nancoos 5354.

State of \_\_\_\_\_  
 County of \_\_\_\_\_  
 Township of \_\_\_\_\_  
 Range of \_\_\_\_\_  
 Section of \_\_\_\_\_



UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY  
 WASHINGTON, D. C.  
 FEB 25 1923

**LOG OF OIL OR GAS WELL**

Company \_\_\_\_\_  
 Location \_\_\_\_\_  
 Well No. \_\_\_\_\_  
 Date \_\_\_\_\_

The summary on this page is for the condition of the well at above date.  
 (Completed drilling \_\_\_\_\_)

**OIL OR GAS SANDS OR CONFS**

No. 1 from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2 from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3 from \_\_\_\_\_ to \_\_\_\_\_

**IMPORTANT WATER SANDS**

No. 1 from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2 from \_\_\_\_\_ to \_\_\_\_\_

**CASING RECORD**

Casing No.	Weight per foot	Threads per inch	Grade	Amount	Kind of shoe	From	To	Purposes

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**

FROM	TO	TOTAL FEET	FORMATION RECORD
1000	950	50	...
950	900	50	...
900	850	50	...
850	800	50	...
800	750	50	...
750	700	50	...
700	650	50	...
650	600	50	...
600	550	50	...
550	500	50	...
500	450	50	...
450	400	50	...
400	350	50	...
350	300	50	...
300	250	50	...
250	200	50	...
200	150	50	...
150	100	50	...
100	50	50	...
50	0	50	...

**FORMATION RECORD**  
 TOTAL FEET \_\_\_\_\_  
 FROM \_\_\_\_\_ TO \_\_\_\_\_

KHAM : 6107