

*2. P. no. natural*

*Ex K. 18 (711)*

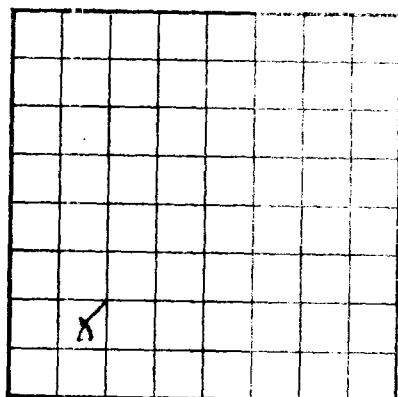
Form 9-380

Revised 1-1-53  
Approved \_\_\_\_\_

U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 991 Farmington, New Mexico  
Lessor or Tract Hendon Field Bianco State New Mexico  
Well No. 3 Sec. 32 T. 31N R. 11W Meridian N.M.P.M. County San Juan  
Location 990 (N) 8 Line and 990 (E) 4 Line of Section 32 Elevation 5807  
(Denote foot 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 School Scholerman

Date May 11, 1953

Title Petroleum Engineer.

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

Commenced drilling March 21, 19 53 Finished drilling April 25, 19 53

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2260 to 2302 (G) No. 4, from 4575 to 4692 (G)  
No. 2, from 3522 to 4053 (G) No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 4053 to 4575 (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 W.</u>	<u>AMCO</u>	<u>160'</u>	<u>AMCO</u>				<u>Surface</u>
<u>7</u>	<u>23</u>	<u>8 RD</u>	<u>Youngs</u>	<u>4150'</u>	<u>BAKER</u>				<u>Prod. Cog.</u>
<u>8"</u>	<u>4.7</u>	<u>8 RD</u>	<u>Youngs</u>	<u>4702'</u>					<u>Prod. Tag.</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>172'</u>	<u>150</u>	<u>Circulated</u>		
<u>7</u>	<u>4150'</u>	<u>300</u>	<u>Slng. Stage</u>		

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## 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
Smart	Regular	S.H.G.	885	4/26/33	4283-4823	4823

## 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

..... April 28, 1933 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 1,625,000 Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. 960

## EMPLOYEES

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

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

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	405	405	Tan cr-grn ss w/thin sh breaks.
405	690	285	Variegated sh w/thin ss breaks.
690	1150	460	Tan to gry cr-grn ss interbedded w/gry sh.
1150	1240	90	Ojo Alamo ss. W/ cr-grn s. Top Ojo Alamo 1150.
1240	1575	335	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 1240.
1575	2260	685	Fruitland formation. Gry carb sh, scattered coal and gry, tight, fine-grn ss. Top Fruitland 1575.
2260	2302	42	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 2260.
2302	3022	1520	Lewis formation. Gry to sh dense sh w/silty to shaly ss breaks. Top Lewis 2302.
3022	4053	231	Cliff House ss. Gry, fine-grn, dense sil ss. Top of Cliff House 3022.
4053	4575	522	Maneefee formation. Gry, fine-grn s, carb sh and coal. Top Maneefee 4053.
4575	4692	117	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks. Top Point Lookout 4575.
4692	4823	131	Mancos formation. Gry carb sh. Top Mancos 4692.

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