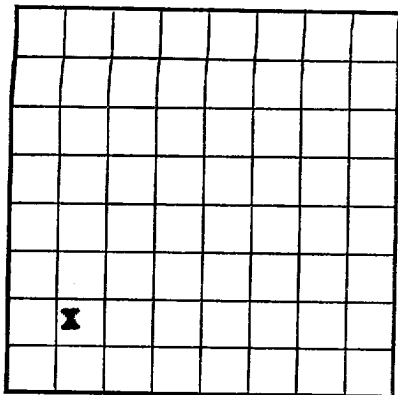


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078415
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997 Farmington, New Mexico
Lessor or Tract Roelofs Field Blanco State New Mexico
Well No. 3 Sec. 15 T. 29N R. 8W Meridian N.M.P.M. County San Juan
Location 1090 ft. [N.] of S. Line and 890 ft. [E.] of W. Line of Section 15 Elevation 6751
(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 School Schuler

Date April 21, 1953 Title Petroleum Engineer

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

Commenced drilling February 4, 1953 Finished drilling March 22, 1953

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

No. 1, from 3386 to 3430 (G) No. 4, from _____ to _____
No. 2, from 4993 to 5725 (G) 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		Purpose
							From—	To—	
<u>9 5/8</u>	<u>25.4</u>	<u>8 R</u>	<u>S. W.</u>	<u>161</u>	<u>ARMCO</u>				<u>Surface Csg.</u> <u>Production.</u>
<u>7"</u>	<u>23</u>	<u>8 R</u>	<u>Young</u>	<u>4015</u>	<u>BAKER</u>				
<u>2"</u>	<u>4.7</u>	<u>8</u>	<u>Young</u>	<u>4910</u>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity
<u>9 5/8</u>	<u>170</u>	<u>150</u>	<u>Circulated</u>	
<u>7"</u>	<u>4925</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.H.O.</u>	<u>1590</u>	<u>3-24-53</u>	<u>4926-5773</u>	<u>5773</u>

TOOLS USED

Rotary tools were used from 0 feet to 4925 feet, and from 4925 feet to 5773 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

March 26, 1953 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 5,210,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1024

EMPLOYEES

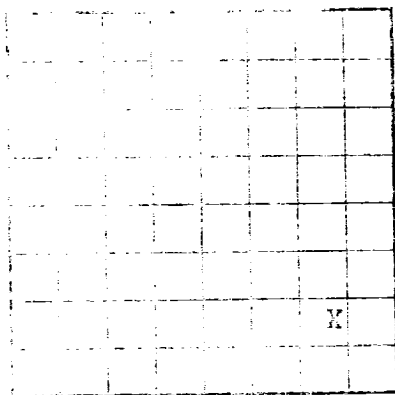
_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>400</u>	<u>400</u>	<u>Tan cr-grn ss w/thin sh breaks.</u>
<u>400</u>	<u>945</u>	<u>545</u>	<u>Variegated sh w/thin ss breaks.</u>
<u>945</u>	<u>2340</u>	<u>1395</u>	<u>Tan to gry cr-grn ss interbedded w/gry sh.</u>
<u>2340</u>	<u>2486</u>	<u>146</u>	<u>Ojo Alamo ss. Wh cr-grn s. Top Ojo Alamo 2340.</u>
<u>2486</u>	<u>3106</u>	<u>620</u>	<u>Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 2486.</u>
<u>3106</u>	<u>3386</u>	<u>280</u>	<u>Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grained sandstone. Top of Fruitland 3106.</u>
<u>3386</u>	<u>3430</u>	<u>44</u>	<u>Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 3386.</u>
<u>3430</u>	<u>4993</u>	<u>1563</u>	<u>Lewis formation. Gry to wh dense sh w/silty to shaly ss breaks. Top Lewis 3430.</u>
<u>4993</u>	<u>5168</u>	<u>175</u>	<u>Cliff House ss. Gry, fine-grn, dense sil ss. Top of Cliff House 4993.</u>
<u>5168</u>	<u>5621</u>	<u>453</u>	<u>Manefee formation. Gry, fine-grn, dense carb. sh and coal. Top of Manefee formation 5168.</u>
<u>5621</u>	<u>5725</u>	<u>104</u>	<u>Point Lookout formation. Gry, very fine sil ss with frequent shale breaks. Top of Point Lookout formation 5621.</u>
<u>5725</u>	<u>5773</u>	<u>48</u>	<u>Mancos formation. Gry carb sh. Top Mancos 5725.</u>

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



Location of well, name and number of line of section, and date of completion. 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.

Date of completion of well, and name of person or persons who completed it. The summary on this page is for the condition of the well at above date.

Oil or gas sands or zones. No. 1 from 100 to 150 feet. No. 2 from 150 to 200 feet. No. 3 from 200 to 250 feet. No. 4 from 250 to 300 feet. No. 5 from 300 to 350 feet. No. 6 from 350 to 400 feet. No. 7 from 400 to 450 feet. No. 8 from 450 to 500 feet. No. 9 from 500 to 550 feet. No. 10 from 550 to 600 feet.

It is of the greatest importance to have a complete history of the well. Please state in detail the nature of the work, together with the reasons for the work and its results. If there were any changes made in the casing, state them, 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 testing of shots.

HISTORY OF OIL OR GAS WELL

FROM	TO	TOTAL FEET	FORMATION
0	100	100	Top of formation 3100.
100	150	150	Formation 3100. Top of formation 3100.
150	200	200	Formation 3100. Top of formation 3100.
200	250	250	Formation 3100. Top of formation 3100.
250	300	300	Formation 3100. Top of formation 3100.
300	350	350	Formation 3100. Top of formation 3100.
350	400	400	Formation 3100. Top of formation 3100.
400	450	450	Formation 3100. Top of formation 3100.
450	500	500	Formation 3100. Top of formation 3100.
500	550	550	Formation 3100. Top of formation 3100.
550	600	600	Formation 3100. Top of formation 3100.
600	650	650	Formation 3100. Top of formation 3100.
650	700	700	Formation 3100. Top of formation 3100.
700	750	750	Formation 3100. Top of formation 3100.
750	800	800	Formation 3100. Top of formation 3100.
800	850	850	Formation 3100. Top of formation 3100.
850	900	900	Formation 3100. Top of formation 3100.
900	950	950	Formation 3100. Top of formation 3100.
950	1000	1000	Formation 3100. Top of formation 3100.