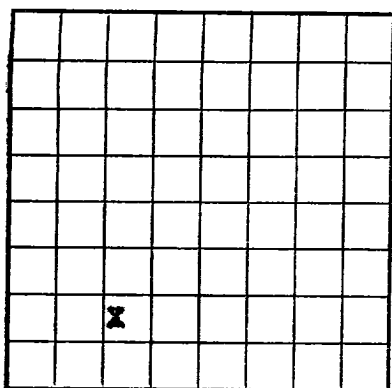


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 060997
LEASE OR PERMIT TO PROSPECT _____

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 Garner Field Blanco-La Plata State New Mexico
Well No. 3 Sec. 33 T. 30N R. 6W Meridian N. M. P. M. County San Juan
Location 990 ft. [N.] of 4 Line and 1630 ft. [E.] of W Line of Section 33 Elevation 6466' 6416'
(Derives 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 ORIGINAL SIGNED E. J. COELDate November 14, 1952Title Petroleum Engineer

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

Commenced drilling May 17, 1952 Finished drilling October 1, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3103 to 3187 (G) No. 4, from _____ to _____
No. 2, from 4764 to 5423 (G) No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 2082 to 2160 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>Armac</u>	<u>160</u>	<u>Hardy</u>				<u>Surface</u>
<u>7</u>	<u>23</u>	<u>8</u>	<u>Young</u>	<u>1070</u>	<u>Hardy</u>				<u>Production</u>
<u>7</u>	<u>23</u>	<u>8</u>	<u>Young</u>	<u>2130</u>	<u>Hardy</u>				<u>Production</u>
<u>2</u>	<u>4.5</u>	<u>3</u>	<u>Young</u>	<u>5497</u>					<u>Prod. Tubing</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>176</u>	<u>125</u>	<u>Circulated</u>		
<u>7</u>	<u>4726</u>	<u>300</u>	<u>Single</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.C.</u>	<u>1470</u>	<u>10-4</u>	<u>4408-5508</u>	<u>5503</u>

TOOLS USED

Rotary tools were used from 0 feet to 4726 feet, and from 4726 feet to 5508 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

October 5, 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 7,921,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1076

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>620</u>	<u>620</u>	<u>San coarse-grn. ss. w/ thin shale breaks.</u>
<u>620</u>	<u>1426</u>	<u>806</u>	<u>Variing. shales w/ thin ss. breaks.</u>
<u>1426</u>	<u>2083</u>	<u>617</u>	<u>San to gray coarse-grn. ss. interbedded w/ gray shales.</u>
<u>2083</u>	<u>2160</u>	<u>77</u>	<u>Qls Alamo ss. White coarse-grn. sand. T/Ols Alamo 2083.</u>
<u>2160</u>	<u>2820</u>	<u>760</u>	<u>Kirtland Fm. Gray shale interbedded w/ tight gray fine-grn. ss. T/Kirtland 2160.</u>
<u>2820</u>	<u>3103</u>	<u>283</u>	<u>Fruitland Fm. Gray carb. shales, scattered coals & tight, fine-grn. ss. T/Fruitland 2820.</u>
<u>3103</u>	<u>3187</u>	<u>84</u>	<u>Pictured Cliffs Fm. Gray, fine-grn. tight, varicolored soft ss. T/Pictured Cliffs 3103.</u>
<u>3187</u>	<u>4764</u>	<u>1577</u>	<u>Lewis Fm. Gray to white dense shale w/ silty to sandy ss. breaks. T/Lewis 3187.</u>
<u>4764</u>	<u>4886</u>	<u>122</u>	<u>Cliff House Fm. Gray, fine-grn. dense sil. ss. T/Cliff House 4764.</u>
<u>4886</u>	<u>5314</u>	<u>428</u>	<u>Mancos Fm. Gray, fine-grn. sands, carb. shales & coal. T/Mancos 4886.</u>
<u>5314</u>	<u>5425</u>	<u>111</u>	<u>Point Lookout Fm. Gray, very fine sil. ss. w/ frequent shale breaks. T/Point Lookout 5314.</u>
<u>5425</u>	<u>5508 T.D.</u>	<u>83</u>	<u>Mancos Fm. Gray carb. shales. T/Mancos 5425.</u>

