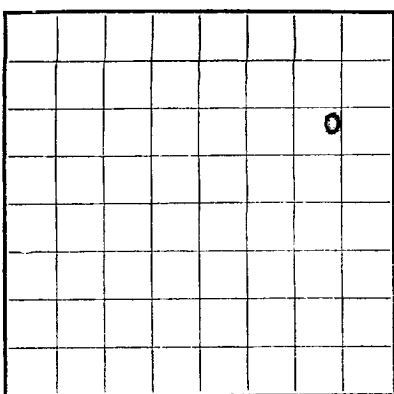




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078604
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Co Address P.O. Box 997 Farmington
Lessor or Tract SCOTT Field Blanco-La Plata State New Mexico
Well No. 4 Sec. 17 T. 31 R. 10 Meridian N.M.P.M. County San Juan
Location 1650 ft. S. of N. Line and 790 ft. W. of E. Line of Section 17 Elevation 6113
(Derrick floor relative to)

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 January 30, 1953 Title Petroleum Engineer

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

Commenced drilling November 4, 19 52 Finished drilling November 23, 19 52

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4580 to 5201 (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 1867 to 2012 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>25.9</u>	<u>8r.</u>	<u>Sp. W.</u>	<u>161</u>	<u>HOWCO</u>				<u>Surface Production</u>
<u>7"</u>	<u>23 1/2</u>	<u>8r.</u>	<u>Spang</u>	<u>4503</u>	<u>"</u>				
<u>2"</u>	<u>4.7</u>	<u>8</u>	<u>Young</u>	<u>5204</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>172'</u>	<u>125sks</u>	<u>circulated</u>		
<u>7"</u>	<u>4513</u>	<u>300 sks</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>Quarts</u>	<u>regular</u>	<u>BNG</u>	<u>1740</u>	<u>11-24</u>	<u>4560-5341</u>	<u>5284</u>

TOOLS USED

Rotary tools were used from 0 feet to 4513 feet, and from 4513 Gas Circulation feet to 5341 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

November 25, 19 52 Put to producing 1-12-, 19 52

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 7506,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1088 psig

EMPLOYEES

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

FORMATION RECORD

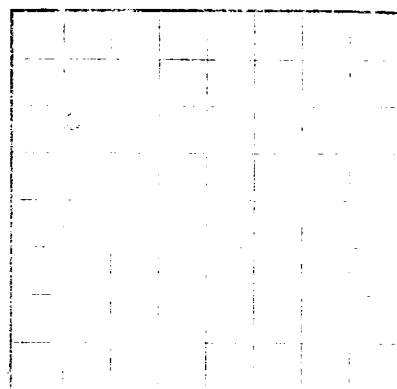
FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1094</u>	<u>1094</u>	<u>Tan coarse-grn ss w/ thin sh breaks.</u>
<u>1094</u>	<u>1438</u>	<u>344</u>	<u>Variegated sh w/ thin ss breaks.</u>
<u>1438</u>	<u>1867</u>	<u>429</u>	<u>Tan to gry coarse-grn ss interbedded w/ gry s.</u>
<u>1867</u>	<u>2012</u>	<u>145</u>	<u>Ojo Alamo ss. Whit coarse-grn sand. Top Ojo Alamo 1867.</u>
<u>2012</u>	<u>2441</u>	<u>429</u>	<u>Kirtland formation. Gry sh interbedded w/ tight gry fine-grn ss. Top Kirtland 2012.</u>
<u>2441</u>	<u>2864</u>	<u>423</u>	<u>Fruitland formation. Gry carbonaceous sh, scattered coals and gry, tight, fine-grn ss. Top Fruitland 2441.</u>
<u>2864</u>	<u>2922</u>	<u>58</u>	<u>Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 2864.</u>
<u>2922</u>	<u>4580</u>	<u>1658</u>	<u>Lewis formation. Gry to white dense sh w/ silty to shaly ss breaks. Top Lewis 2922.</u>
<u>4580</u>	<u>4720</u>	<u>140</u>	<u>Cliff House ss. Gry, fine-grn, dense siliceous ss. Top Cliff House 4580.</u>
<u>4720</u>	<u>5092</u>	<u>372</u>	<u>Manatee formation. Gry, fine-grn sands, carb. sh and coal. Top Manatee 4720.</u>
<u>5092</u>	<u>5201</u>	<u>109</u>	<u>Point Lookout formation. Gry, very fine sil. ss w/ frequent sh breaks. Top Point Lookout 5092.</u>
<u>5201</u>	<u>5341</u>	<u>140</u>	<u>Mancos formation. Gry carb. ss. Top Mancos 5201.</u>

[OVER]

U.S. Land Office
Bureau of Reclamation
Permit to Prospect

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



Company, name, address, and location of well, and name of owner or lessee.
Location of well, and name of owner or lessee.
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 _____
Official Signed _____

Date _____
The summary on this page is for the condition of the well as above data.
Commenced drilling _____
Finished drilling _____

OIL OR GAS SANDS OR ZONES

(Name of oil or gas)
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

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 any or bridges were put in the well, state kind of material used, position, and results of pumping or being.

HISTORY OF OIL OR GAS WELL

Depth	Interval	Remarks	Amount of material used	Time of day	Remarks
0	10	Drill hole			
10	20	Drill hole			
20	30	Drill hole			
30	40	Drill hole			
40	50	Drill hole			
50	60	Drill hole			
60	70	Drill hole			
70	80	Drill hole			
80	90	Drill hole			
90	100	Drill hole			

PLUGS AND ADAPTERS

Length _____
Size _____
Remarks _____

SHOOTING RECORD

Size	Depth used	Interval used	Quantity	Date	Remarks
1/2"	10'	10'-20'	100 lbs.	1935	
3/4"	20'	20'-30'	200 lbs.	1935	
1"	30'	30'-40'	300 lbs.	1935	
1 1/4"	40'	40'-50'	400 lbs.	1935	
1 1/2"	50'	50'-60'	500 lbs.	1935	
1 3/4"	60'	60'-70'	600 lbs.	1935	
2"	70'	70'-80'	700 lbs.	1935	
2 1/4"	80'	80'-90'	800 lbs.	1935	
2 1/2"	90'	90'-100'	900 lbs.	1935	
2 3/4"	100'	100'-110'	1000 lbs.	1935	

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

Put to producing _____
The production for the first 24 hours was _____ barrels of fluid of which _____ was oil, _____ was gas, and _____ was water.
If gas well, in the first 24 hours _____ cubic feet of gas were produced.
If oil well, in the first 24 hours _____ barrels of oil were produced.
If gas well, the first 24 hours _____ cubic feet of gas were produced.
If oil well, the first 24 hours _____ barrels of oil were produced.

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	100	100	Top of oil zone
100	150	150	Oil zone
150	200	200	Oil zone
200	250	250	Oil zone
250	300	300	Oil zone
300	350	350	Oil zone
350	400	400	Oil zone
400	450	450	Oil zone
450	500	500	Oil zone
500	550	550	Oil zone
550	600	600	Oil zone
600	650	650	Oil zone
650	700	700	Oil zone
700	750	750	Oil zone
750	800	800	Oil zone
800	850	850	Oil zone
850	900	900	Oil zone
900	950	950	Oil zone
950	1000	1000	Oil zone