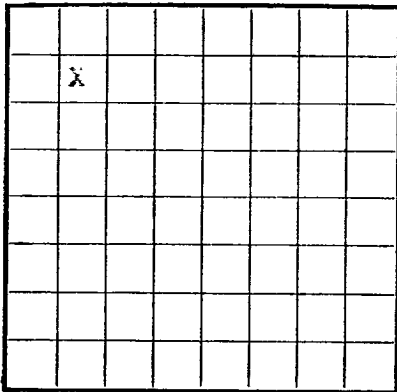


U. S. LAND OFFICE Santa FeSERIAL NUMBER 079160

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 Rincon Unit Field So. Blanco P.C. State New Mexico
Well No. 91 Sec. 11 T. 26N R. 7W Meridian N.M. County Rio Arriba
Location 20 ft. N of N Line and 100 ft. E of W Line of Section 11 Elevation 6721'
(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 Original Signed EWELL N. WALSH

Date February 11, 1957 Title Petroleum Engineer

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

Commenced drilling 1-12-57, 19... Finished drilling 1-15-57, 19...

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2920 to 3009 (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 _____ 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	Out and pulled from	Perforated		Purpose
							From—	To—	
<u>9 5/8</u>	<u>25.4</u>	<u>P.E.</u>	<u>S.M.</u>	<u>121'</u>	<u>Howe</u>				<u>Surface</u>
<u>5 1/2</u>	<u>15.5</u>	<u>P.E.</u>	<u>S.M.</u>	<u>3025'</u>	<u>Howe</u>				<u>3025'</u>
<u>HISTORIA OF OIL OR GAS WELL</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>132'</u>	<u>100</u>	<u>Circulated</u>		
<u>5 1/2</u>	<u>3025'</u>	<u>150</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>See Well History.</u>				

TOOLS USED

Rotary tools were used from _____ feet to 3025 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

1-24-57, 19... 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 6,449,000 A.O.F. 9035 MCF D. Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 793

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>2207</u>	<u>2207</u>	<u>Tan to gry cr-grn ss interbedded w/gry sh.</u>
<u>2207</u>	<u>2370</u>	<u>163</u>	<u>Ojo Alamo ss. white cr-grn s.</u>
<u>2370</u>	<u>2654</u>	<u>284</u>	<u>Kirtland forma. Gry sh interbedded w/tight gry fine-grn ss.</u>
<u>2654</u>	<u>2926</u>	<u>274</u>	<u>Fruitland forma. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.</u>
<u>2926</u>	<u>3009</u>	<u>81</u>	<u>Pictured Cliffs forma. Gry, fine-grn, tight, varicolored soft ss.</u>
<u>3009</u>	<u>3025</u>	<u>16</u>	<u>Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.</u>

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

[illegible]

The information given herewith is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.

Original Signed EWELL N. WAISH

Signed _____

Location _____ ft [N.] of _____ ft [E.]
[W.] of _____ ft [E.]
_____ Meridian

Well No. _____ Section _____ T. _____ R. _____ S.
County _____ State _____

Lessor or Trust _____

Company _____

Address _____

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

OUT OF BANDS OR OTHER

10. 66 492 - 4930

No. 6 from
No. 7 from
No. 8 from

101

RECEIVED

JONAS BETTAW 19470910

7-601 (Rev. 1-1960)

7-601 (Rev. 1-1960)

~~1-26-57 L.D. 3025. C.O.L.D. 2990. Water infused flavored clips per. int.
281C-B291000 291000 W/4/5,000
Lumber cuts dropped between each stage. Finished with 4000 gal. I.B. 54 min.~~

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 "side tracked" 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

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

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