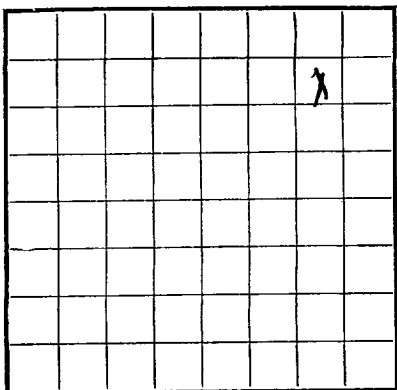


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078945
LEASE OR PERMIT TO PROSPECT _____



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 Daum Field Blanco State New Mexico
Well No. 4-A Sec. 1 T. 29N R. 7W Meridian N. M. P. M. County Rio Arriba
Location 990 ft. S. of N. Line and 990 ft. W. of E. Line of Section 1 Elevation 6837'
(Denote 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 _____ Title Petroleum Engineer

Date October 30, 1953

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

Commenced drilling 8-25-53, 19____ Finished drilling 9-25-53, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3722 to 3809 (G) No. 4, from 5898 to 6017 (G)
No. 2, from 5458 to 5585 (G) No. 5, from _____ to _____
No. 3, from 5585 to 5898 (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>Armed</u>	<u>159'</u>	<u>Armed</u>				<u>Surface</u>
<u>7</u>	<u>23</u>	<u>8</u>	<u>Armed</u>	<u>1993'</u>	<u>Armed</u>				<u>Prod. Log.</u>
<u>7</u>	<u>23</u>	<u>8</u>	<u>Armed</u>	<u>1993'</u>	<u>Armed</u>				<u>Prod. Log.</u>
<u>2</u>	<u>4.7</u>	<u>8 rd</u>	<u>Younger</u>	<u>5989</u>					<u>Prod. Log.</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>168'</u>	<u>125</u>	<u>Circulated</u>		
<u>7</u>	<u>5435</u>	<u>500</u>	<u>Sing. 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.N.G.</u>	<u>130#</u>	<u>9-26-53</u>	<u>5541-6037</u>	<u>6037'</u>

TOOLS USED

Gas Drilling

Rotary tools were used from 0 feet to 5435 feet, and from 5435 feet to 6037 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

September 27, 19 53 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 3,780,300 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 979

EMPLOYEES

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

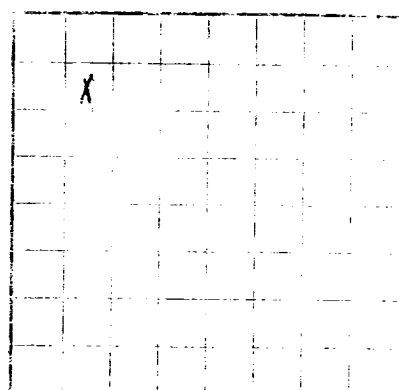
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>655</u>	<u>655</u>	Tan cr-grn ss w/thin sh breaks. Variegated sh w/thin ss breaks. Tan to gry cr-grn ss interbedded w/gry sh. Ojo Alamo ss. White cr-grn s. Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Fruitland formation. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss. Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss.
<u>655</u>	<u>1440</u>	<u>785</u>	
<u>1440</u>	<u>2855</u>	<u>1415</u>	
<u>2855</u>	<u>2943</u>	<u>88</u>	
<u>2943</u>	<u>3458</u>	<u>515</u>	
<u>3458</u>	<u>3722</u>	<u>264</u>	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks. Cliff House ss. Gry, fine-grn, dense sil ss. Menefee formation. Gry, fine-grn s, carb sh and coal. Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks. Mancos formation. Gry carb sh.
<u>3722</u>	<u>3809</u>	<u>87</u>	
<u>3809</u>	<u>5458</u>	<u>1649</u>	
<u>5458</u>	<u>5585</u>	<u>127</u>	
<u>5585</u>	<u>5898</u>	<u>313</u>	
<u>5898</u>	<u>6017</u>	<u>119</u>	Tops Ojo Alamo 2855 Cliff House 5458 Kirtland 2943 Menefee 5585 Fruitland 3458 Pt. Lkout 5898 Pict. Cliffs 3722 Mancos 6017 Lewis 3809
<u>6017</u>	<u>6037</u>	<u>20</u>	

 I HAVE OR PERMIT TO PROSPECT
 SERIAL NUMBER
 FIELD OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



WASTE WELL CORRIDOR

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 _____

Location - [Section] of [Township] [Range] of [Line and Range] [Elevation]

Well No. _____ A. T. B.W.M. [Mentioning] _____ County _____ State _____

Dweson or Street _____ Field _____ Date _____

Courtesy _____ Address _____

Completed drilling _____, 19____
The summary on this page is for the condition of the well at above date.
Date _____
Title _____

OIL OR GAS SANDS OR YONIES

(G) and (H) are also

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____
No. 5 from _____ to _____
No. 6 from _____ to _____
No. 7 from _____ to _____
No. 8 from _____ to _____
No. 9 from _____ to _____
No. 10 from _____ to _____

IMPORTANT WATER SANDS

to	from	to	from
to	from	to	from

CASTING RECORD

[illegible]

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 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

MUDGING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

Heaving plug—Material	1 cubic yd
Abutment—Material	2 cu yd

SHOOTING RECORD

[illegible]

TOOTS USED

CLIPS		DATE	
Cable tools were used from	foot to	foot and from	foot to
Rotary tools were used from	foot to	foot and from	foot to

257A.2

It gas well on the first 24 hours	Gallons gasoline per 1,000 cu. ft. of gas
emulsion; ... water; and ... sediment	
The production for the first 24 hours was	... barrels of oil of which ...% was oil ...%
... ..	
... ..	

EMPLOYEES

Driller			
Driller			

FORMATION RECORD

[illegible]

FORMATION RECORD—Continued

NRAM : 0305