

U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **079527**

LEASE OR PERMIT TO PROSPECT

RECEIVED
JUL 5 1961
OIL CON. COM.
DIST. 8UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **El Paso Natural Gas Company** Address **Box 990, Farmington, New Mexico**
Lessor or Tract **San Juan 27-4 Unit** Field **Blanco Mesa Verde** State **New Mexico**
Well No. **29** Sec. **26** T. **27-N** R. **4-W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **696** ft. **200** of **N** Line and **940** ft. **200** of **E** Line of **Section 26** Elevation **7104**
(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. Original Signed **R. G. MILLER**
Signed _____

Date **June 26, 1961** Title **Petroleum Engineer**

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

Commenced drilling **5-3-**, 19**61** Finished drilling **5-14-**, 19**61**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3934** to **4030 (g)** No. 4, from **6071** to **6230 (g)**
No. 2, from **5765** to **5807 (g)** No. 5, from _____ to _____
No. 3, from **5807** to **6071 (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—	
9 5/8"	2.4	10 rd	J-55	6190					Prod tubing
7"	4.192	8 rd	J-55	2218					Prod liner
4 1/2"	11.619	5 8 rd	J-55	2218					Prod liner

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	174	180	circulated		
7"	4192	420	single stage		
4 1/2"	4076-6294	350	single stage & sq.		

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
6084-6090; 6094-6100;		Frax Mesa Verde w/74, 340 gal water & 70,000# sand. BDP 600#				
6104-6114; 6120-6130;		max pr 2000#, avg tr pr 1000-1200-1500-1700-1900#. I.R.				
6162-6168; 6200-6218;		45 g S.F.M. Frax 8400 gal. Dropped 2 sets of 10 balls, 2 sets of 15 balls 1900-1950				

Rotary tools were used from **0** feet to **4192** feet, and from **4192** feet to **6294** feet

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

DATES

S.I. 5-27-, 19**61** 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 **5,039,000** Gallons gasoline per 1,000 cu. ft. of gas _____

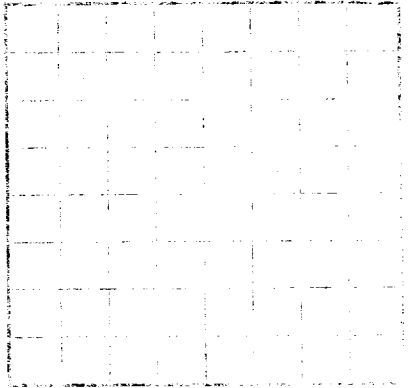
Rock pressure, lbs. per sq. in. **1123** **A.O.F. 5789 MCF/D**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3367	3367	Tan to gry cr-grn ss interbedded w/gry sh.
3367	3558	191	Ojo Alamo ss. White cr-grn s.
3558	3760	202	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3760	3934	174	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3934	4030	96	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
4030	5765	1735	Lewis form. Gry, fine-grn, dense sil ss.
5765	5807	42	Cliff House ss. Gry, fine-grn, dense sil ss.
5807	6071	264	Menafee form. Gry, fine-grn s carb, sh & coal
6071	6230	159	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
6230	6294	64	Mancos form. Gry carb sh.



DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Well No. 100-1, located in the State of Texas, County of Tarrant, near the town of Fort Worth. The well was drilled by the Texas Oil & Gas Company, Inc., and was completed on January 1, 1925. The well is a vertical well, and the total depth is 1,000 feet. The well is currently producing oil at a rate of 100 barrels per day. The well is owned by the Texas Oil & Gas Company, Inc.

OIL OR GAS SAMPLES

Sample No. 1, taken from the well at a depth of 100 feet. Sample No. 2, taken from the well at a depth of 200 feet. Sample No. 3, taken from the well at a depth of 300 feet. Sample No. 4, taken from the well at a depth of 400 feet. Sample No. 5, taken from the well at a depth of 500 feet. Sample No. 6, taken from the well at a depth of 600 feet. Sample No. 7, taken from the well at a depth of 700 feet. Sample No. 8, taken from the well at a depth of 800 feet. Sample No. 9, taken from the well at a depth of 900 feet. Sample No. 10, taken from the well at a depth of 1,000 feet.

IMPORTANT WATER SAMPLES

Water sample No. 1, taken from the well at a depth of 100 feet. Water sample No. 2, taken from the well at a depth of 200 feet. Water sample No. 3, taken from the well at a depth of 300 feet. Water sample No. 4, taken from the well at a depth of 400 feet. Water sample No. 5, taken from the well at a depth of 500 feet. Water sample No. 6, taken from the well at a depth of 600 feet. Water sample No. 7, taken from the well at a depth of 700 feet. Water sample No. 8, taken from the well at a depth of 800 feet. Water sample No. 9, taken from the well at a depth of 900 feet. Water sample No. 10, taken from the well at a depth of 1,000 feet.

CASING RECORD

Casing No. 1, 2 1/2 inch diameter, 10 feet long. Casing No. 2, 2 1/2 inch diameter, 10 feet long. Casing No. 3, 2 1/2 inch diameter, 10 feet long. Casing No. 4, 2 1/2 inch diameter, 10 feet long. Casing No. 5, 2 1/2 inch diameter, 10 feet long. Casing No. 6, 2 1/2 inch diameter, 10 feet long. Casing No. 7, 2 1/2 inch diameter, 10 feet long. Casing No. 8, 2 1/2 inch diameter, 10 feet long. Casing No. 9, 2 1/2 inch diameter, 10 feet long. Casing No. 10, 2 1/2 inch diameter, 10 feet long.

HISTORY OF OIL OR GAS WELL

The well was drilled by the Texas Oil & Gas Company, Inc., and was completed on January 1, 1925. The well is a vertical well, and the total depth is 1,000 feet. The well is currently producing oil at a rate of 100 barrels per day. The well is owned by the Texas Oil & Gas Company, Inc.

MODIFYING AND CEMENTING RECORD

Modify No. 1, 2 1/2 inch diameter, 10 feet long. Modify No. 2, 2 1/2 inch diameter, 10 feet long. Modify No. 3, 2 1/2 inch diameter, 10 feet long. Modify No. 4, 2 1/2 inch diameter, 10 feet long. Modify No. 5, 2 1/2 inch diameter, 10 feet long. Modify No. 6, 2 1/2 inch diameter, 10 feet long. Modify No. 7, 2 1/2 inch diameter, 10 feet long. Modify No. 8, 2 1/2 inch diameter, 10 feet long. Modify No. 9, 2 1/2 inch diameter, 10 feet long. Modify No. 10, 2 1/2 inch diameter, 10 feet long.

PLUGS AND ABANDONERS

Plug No. 1, 2 1/2 inch diameter, 10 feet long. Plug No. 2, 2 1/2 inch diameter, 10 feet long. Plug No. 3, 2 1/2 inch diameter, 10 feet long. Plug No. 4, 2 1/2 inch diameter, 10 feet long. Plug No. 5, 2 1/2 inch diameter, 10 feet long. Plug No. 6, 2 1/2 inch diameter, 10 feet long. Plug No. 7, 2 1/2 inch diameter, 10 feet long. Plug No. 8, 2 1/2 inch diameter, 10 feet long. Plug No. 9, 2 1/2 inch diameter, 10 feet long. Plug No. 10, 2 1/2 inch diameter, 10 feet long.

ENCLOSING RECORD

Enclosure No. 1, 2 1/2 inch diameter, 10 feet long. Enclosure No. 2, 2 1/2 inch diameter, 10 feet long. Enclosure No. 3, 2 1/2 inch diameter, 10 feet long. Enclosure No. 4, 2 1/2 inch diameter, 10 feet long. Enclosure No. 5, 2 1/2 inch diameter, 10 feet long. Enclosure No. 6, 2 1/2 inch diameter, 10 feet long. Enclosure No. 7, 2 1/2 inch diameter, 10 feet long. Enclosure No. 8, 2 1/2 inch diameter, 10 feet long. Enclosure No. 9, 2 1/2 inch diameter, 10 feet long. Enclosure No. 10, 2 1/2 inch diameter, 10 feet long.

DATES

Date No. 1, 1925. Date No. 2, 1925. Date No. 3, 1925. Date No. 4, 1925. Date No. 5, 1925. Date No. 6, 1925. Date No. 7, 1925. Date No. 8, 1925. Date No. 9, 1925. Date No. 10, 1925.

EMITTING RECORD

Emitting No. 1, 2 1/2 inch diameter, 10 feet long. Emitting No. 2, 2 1/2 inch diameter, 10 feet long. Emitting No. 3, 2 1/2 inch diameter, 10 feet long. Emitting No. 4, 2 1/2 inch diameter, 10 feet long. Emitting No. 5, 2 1/2 inch diameter, 10 feet long. Emitting No. 6, 2 1/2 inch diameter, 10 feet long. Emitting No. 7, 2 1/2 inch diameter, 10 feet long. Emitting No. 8, 2 1/2 inch diameter, 10 feet long. Emitting No. 9, 2 1/2 inch diameter, 10 feet long. Emitting No. 10, 2 1/2 inch diameter, 10 feet long.

FORMATION RECORD

Formation No. 1, 2 1/2 inch diameter, 10 feet long. Formation No. 2, 2 1/2 inch diameter, 10 feet long. Formation No. 3, 2 1/2 inch diameter, 10 feet long. Formation No. 4, 2 1/2 inch diameter, 10 feet long. Formation No. 5, 2 1/2 inch diameter, 10 feet long. Formation No. 6, 2 1/2 inch diameter, 10 feet long. Formation No. 7, 2 1/2 inch diameter, 10 feet long. Formation No. 8, 2 1/2 inch diameter, 10 feet long. Formation No. 9, 2 1/2 inch diameter, 10 feet long. Formation No. 10, 2 1/2 inch diameter, 10 feet long.