

OPEN FLOW TEST DATA

DATE **May 12, 1961**

El Paso Natural Gas Company

1090'S, 1150'W, Sec. 28-28N-5W

Mesa Verde

2-7/8"

5139

Sand/Water Frac.

5780

5705

San Juan 28-5 No. 50

Rio Arriba

Blanco

No Tubing

5780

X

New Mexico

Set At Feet

5-4-61

Flow Through Tubing

0.750

12.365

1097

1109

8

194

206

64

.9962

0.75

Tubingless Completion

None

Calculated

1.022

PSIG 12 PSIA

PSIG 12 PSIA

296

Gravity

.683 Fg .9393

$$(12.365)(206)(.9962)(.9393)(1.022)$$

2436

MCF/D

$$\left(\frac{1,229,881}{1,142,265} \right)^n$$

$$\left(\frac{1,229,881}{1,142,265} \right)^n$$

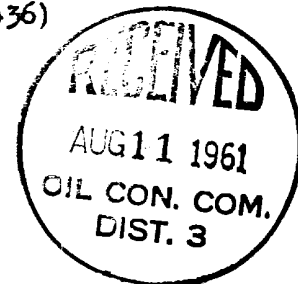
$$(1.0767)^{.75}(2436) = (1.0570)(2436)$$

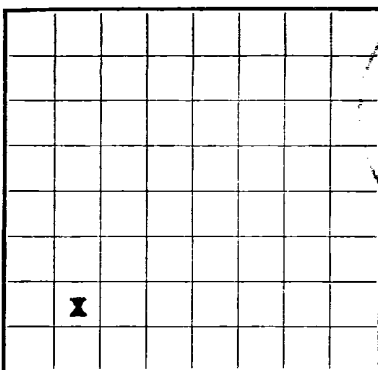
2575

MCF/D

Tom Grant

Lewis D. Galloway
L. D. Galloway





LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079521-A
LEASE OR PERMIT TO PROSPECT _____

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract San Juan 28-5 Unit Field Blanco Mesa Verde State New Mexico
Well No. 50 Sec. 28 T. 28N R. 5W Meridian N.M.P.M. County Rio Arriba
Location 1090 ft. N. of S Line and 1150 ft. E. of W Line of Section 28 Elevation 6577
(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 D. W. MeehanDate August 10, 1961Title Petroleum Engineer

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

Commenced drilling 3-10, 1961 Finished drilling 3-21, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3393 to 3575 (G) No. 4, from 5580 to 5780 (G)
No. 2, from 5144 to 5242 (G) No. 5, from _____ to _____
No. 3, from 5242 to 5580 (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>42.9</u>	<u>8 rd.</u>	<u>3-55</u>	<u>5770</u>	<u>Baker</u>	<u>Blanco Mesa Verde w/95,000 gal water. 121 balls in 11 drops.</u>			<u>Intermediate prod casing.</u>
<u>7"</u>	<u>35.88</u>	<u>8 rd.</u>	<u>3-55</u>	<u>5770</u>	<u>Baker</u>				
<u>2-7/8"</u>	<u>6.4</u>	<u>8 rd.</u>	<u>3-55</u>	<u>5770</u>	<u>Baker</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>153</u>	<u>100</u>	<u>circulated</u>		
<u>7"</u>	<u>3588</u>	<u>90</u>	<u>single stage</u>		
<u>2-7/8"</u>	<u>5780</u>	<u>140</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>5139-43; 5165-71; 5187-93;</u>	<u>Frac Masa Verde w/95,000 gal water. 121 balls in 11 drops.</u>					
<u>5205-13; 5225-31; 5579-85;</u>						
<u>5625-31; 5641-47; 5651-57;</u>						
<u>5685-91; 5699-5705;</u>						

TOOLS USED

Rotary tools were used from 0 feet to 3600 feet, and from 3600 feet to 5780 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

8-1-5-3, 1961 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 2,436,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1109 A.O.P. 2575 MCF/D

EMPLOYEES

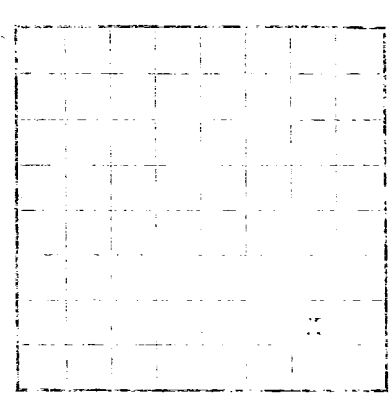
_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>2746</u>	<u>2746</u>	<u>Tan to gry cr-grn ss interbedded w/gry sh.</u>
<u>2746</u>	<u>2866</u>	<u>120</u>	<u>Ojo Alamo ss. White cr-grn s.</u>
<u>2866</u>	<u>3178</u>	<u>312</u>	<u>Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.</u>
<u>3178</u>	<u>3393</u>	<u>215</u>	<u>Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.</u>
<u>3393</u>	<u>3575</u>	<u>182</u>	<u>Pictured Cliffs form Gry, fine-grn, tight, varicolored soft ss.</u>
<u>3575</u>	<u>5144</u>	<u>1569</u>	<u>Lewis form. Gry, fine-grn, dense sil ss.</u>
<u>5144</u>	<u>5242</u>	<u>98</u>	<u>Cliff House ss. Gry, fine-grn, dense sil ss.</u>
<u>5242</u>	<u>5580</u>	<u>338</u>	<u>Manefee form. Gry, fine-grn s, carb sh & coal.</u>
<u>5580</u>	<u>5780</u>	<u>200</u>	<u>Point Lookout form. Gry, very fine vil ss w/frequent sh breaks.</u>

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES



1. STATE WELL CORRELATION

Company, El Paso Natural Gas Company, 2115 El Paso, Texas
Well No. 2115, San Juan Co., N.M.
Location, 2115, San Juan Co., N.M.
Date, 1915
Depth, 1000 feet
Remarks, 1000 feet of oil was produced from this well.

The following is a list of the wells in the field, showing the location, depth, and production of each well.

Well No.	Location	Depth	Production
No. 1	San Juan Co., N.M.	1000	1000
No. 2	San Juan Co., N.M.	1000	1000
No. 3	San Juan Co., N.M.	1000	1000

IMPORTANT WATER SANDS

1. State Well Correlation

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 added, state the date, size, position, and results of pumping or bailing. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing. If the well has been dynamited, give date, size, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

DATE	DEPTH	PRODUCTION	REMARKS
1915	1000	1000	1000
1916	1000	1000	1000
1917	1000	1000	1000
1918	1000	1000	1000
1919	1000	1000	1000
1920	1000	1000	1000
1921	1000	1000	1000
1922	1000	1000	1000
1923	1000	1000	1000
1924	1000	1000	1000
1925	1000	1000	1000
1926	1000	1000	1000
1927	1000	1000	1000
1928	1000	1000	1000
1929	1000	1000	1000
1930	1000	1000	1000
1931	1000	1000	1000
1932	1000	1000	1000
1933	1000	1000	1000
1934	1000	1000	1000
1935	1000	1000	1000
1936	1000	1000	1000
1937	1000	1000	1000
1938	1000	1000	1000
1939	1000	1000	1000
1940	1000	1000	1000
1941	1000	1000	1000
1942	1000	1000	1000
1943	1000	1000	1000
1944	1000	1000	1000
1945	1000	1000	1000
1946	1000	1000	1000
1947	1000	1000	1000
1948	1000	1000	1000
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1995	1000	1000	1000
1996	1000	1000	1000
1997	1000	1000	1000
1998	1000	1000	1000
1999	1000	1000	1000
2000	1000	1000	1000