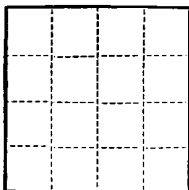


(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office San Jo. Fe  
Lease No. 073519  
Unit San Juan 28-5



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

RECEIVED  
AUG 15 1960  
U. S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEX.

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 16, 19 60

Well No. 30 is located 700 ft. from [N] line and 700 ft. from [E] line of sec. 24  
NE/4 Sec. 24 28 N 5 W N.M.P.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Blanco Mesa Verde Rio Arriba New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 7422 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

On 7-27-60 Total Depth 6783.  
Ran 95 lbs. 5 1/2", J-55, 15.5 # liner (2299) set  
from 4477 to 6775 with 224 sks. reg. cement, 4 5/8 Cel, 1/4  
cu.ft. fine Gilsomite/sk., 1/8 # Flocele/sk. Held 1000 #  
30 min. Top of cement by temp. survey at 4477.



I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company El Paso Natural Gas Company  
Address Box 900  
Farmington, New Mexico  
By Original Signed C. W. Meehan  
Title Petroleum Engineer

# EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE **August 18, 1960**

Operator <b>El Paso Natural Gas Co.</b>	Lease <b>San Juan 28-5 No. 39</b>
Location <b>790N, 790E; 24-28N-5W</b>	County <b>Rio Arriba</b> State <b>New Mexico</b>
Formation <b>Mesaverde</b>	Pool <b>Blanco MV</b>
Casing Diameter <b>7-5/8</b> Set At Feet <b>4566</b>	Tubing Diameter <b>2"</b> Set At Feet <b>6692</b>
Pay Zone From <b>6496</b> To <b>6684</b>	Total Depth <b>6783 c/o 6733</b> Shut In <b>7/30/60</b>
Stimulation Method <b>Sand Water Frac.</b>	Flow Through Casing <b>X</b> Flow Through Tubing <b>X</b>

Choke Size, Inches <b>.75</b>	Choke Factor <b>12.365</b>	5-1/2" liner from 4477 to 6776
Shut-In Pressure, Casing <b>1136</b> PSIG 12 PSIA <b>1148</b>	Shut-In Pressure, Tubing <b>1136</b> PSIG 12 PSIA <b>1148</b>	
Flowing Pressure, P <b>223</b> PSIG 12 PSIA <b>235</b>	Working Pressure, P <sub>w</sub> <b>615</b> PSIG 12 PSIA <b>627</b>	
Temperature <b>65</b> Gravity <b>.9952</b>	Sp. Grav. Tables <b>1.023</b> Gravity <b>.670</b> Gravity <b>.9463</b>	

CHOKE VOLUME  $Q = C \times P \times F_1 \times F_2 \times F_3$

$$C = 12.365 \times 235 \times .9952 \times .9463 \times 1.023$$

2800

MCF/D

$$OPEN FLOW Q = C \left( \frac{P_1 - P_2}{P_1 - P_w} \right)^n$$

$$Q = C \left( \frac{1317904}{924775} \right)^n$$

$$1.4251^{.75} \times 2799 = 1.3045 \times 2800$$

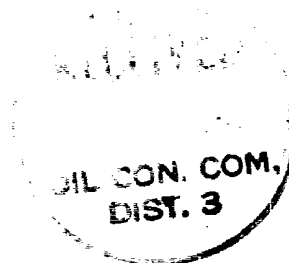
Q = 3653

MCF/D

Checked By **Jesse B. Goodwin**

Checked By

**R. L. Nickell**



*Lewis D. Galloway*  
L. D. Galloway