

(SUBMIT IN TRIPLICATE)  
**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**GEOLOGICAL SURVEY**

Land Office Santa Fe  
 Lease No. 070500-A  
 Unit San Juan 24-7 Unit  
14-08-001-459

**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.....	1957
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.....		

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

January 26, 1957

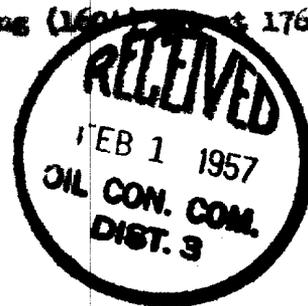
Well No. 68 (FM) is located 990 ft. from N line and 1650 ft. from E line of sec. 31  
~~201~~ 74 ~~201~~  
NE section 31 201 74 MEM  
 (¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Bianco Rio Arriba New Mexico  
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5983 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)

Spud date 1-19-57.  
 On 1-20-57. Total Depth 178'.  
 Ran 4 joints 10 1/4", 32.75#, Armo spiral weld casing (1604') to 176'  
 with 150 sacks regular cement circulated to surface.  
 Held 500# 30 minutes.



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 997

Farmington, New Mexico

By W. F. Conner

Title Petroleum Engineer

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE April 11, 1957

Operator <b>El Paso Natural Gas Company</b>		Lease <b>San Juan 28-7 Unit # 68</b>	
Location <b>990'N, 1650'E, Sec. 31-28-7</b>		County <b>San Juan</b>	State <b>New Mexico</b>
Formation <b>Mesa Verde</b>		Pool <b>Blanco</b>	
Casing Diameter <b>5½</b>	Set At: Feet <b>4868</b>	Tubing Diameter <b>2</b>	Set At: Feet <b>4781</b>
Play Zone: From <b>4659</b>	To <b>4821</b>	Total Depth <b>4872 - c/o - 4835</b>	
Stimulation Method <b>Sand Water Frac</b>		Flow Through Casing	Flow Through Tubing <b>X</b>

Choke Size, Inches <b>0.75</b>	Choke Constant: C <b>12.3650</b>	Shut-in Pressure, Casing, PSIG <b>912</b>	PSIA <b>924</b>	Days Shut-In <b>9</b>	Shut-in Pressure, Tubing, PSIG <b>910</b>	PSIA <b>922</b>
Flowing Pressure, P <sub>w</sub> , PSIG <b>65</b>	PSIA <b>77</b>	Working Pressure, P <sub>w</sub> , PSIG <b>169</b>	PSIA <b>181</b>	Flow From Tables	Gravity <b>1.009</b>	<b>.681</b>
Temperature: T <b>67</b>						

CHOKE VOLUME  $Q = C \times P_r \times F_r \times F_g \times F_p$

$Q = 12.365 \times 77 \times .9933 \times .9393 \times 1.009$

896

MCF/D

OPEN FLOW  $Q = \left( \frac{P_r^2}{P_s - P_w} \right)^n$

$Q = \left( \frac{853,776}{821,015} \right)^n$

$(1.0399)^{.75} \times 896 = 1.0298 \times 896$

Recompleted in Mesa Verde only - was a dual completion.

Asf 923 MCF/D

TESTED BY **K. C. McBride and R. A. Ullrich**

WITNESSED BY



*L. D. Galloway*  
L. D. Galloway

## OIL CONSERVATION COMMISSION

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