

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE January 20, 1960

Operator **El Paso Natural Gas**

Location **990S, 990W; 30-25-5**

Formation **Dakota**

Casing Diameter **5-1/2**

Flow Line Size **6846**

Well Name **Sand Oil Frac.**

Lease **Jicarilla 67-10**

County **Rio Arriba**

State **New Mexico**

Pool **Undesignated**

Tubing Diameter **2**

Set At Feet **7015**

Total Depth **7181 c/o 7131**

Shut In **1/10/60**

Flow Through Casing

Flow Through Tubing **X**

Viscosity (cP) **.75** Density (lb/cu ft) **12.365**

Shut-In Pressure, Gas **2135** PSIG **2147** PSIA **10** lb/cu ft

Flowing Pressure, P **282** PSIG **294** PSIA

Temperature **66** °F **.9943** **.75**

Shut-In Pressure, Tubing **2135**

PSIG **2147** PSIA

Working Pressure, Pw **795**

PSIG **807** PSIA

Epw (From Tables) **1.028**

Gravity **650** **.9608**

Q = 12.365 x 294 x .9943 x .9608 x 1.028

Q **12.365 x 294 x .9943 x .9608 x 1.028**

**3570**

MCF/D

$$Q = \left( \frac{P_w^2 - P_{wi}^2}{P_w^2} \right)^n$$

$$A_{of} = \left( \frac{4609609}{3958360} \right)^n$$

$$1.1645^{.75} \times 3570 = 1.1210 \times 3570$$

Aof

**4002**

MCF/D

**D. Mortensen**

Checked By **S. V. Roberts**

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





## Well Location and Acreage Dedication Plat

Section A.

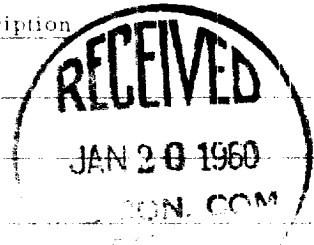
Date **DECEMBER 1, 1959**

Operator **EL PASO NATURAL GAS COMPANY** Lease **JICARILLA** CONTRACT NO. **67**  
 Well No. **67-10** Unit Letter **M** Section **30** Township **25-N** Range **5-W** NMPM  
 Located **900** Feet From **SOUTH** Line, **990** Feet From **WEST** Line  
 County **RIO ARriba** G. L. Elevation **6654** Dedicated Acreage **319.56** Acres  
 Name of Producing Formation **DAKOTA** Pool **WILDCAT DAKOTA**

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?  
 Yes **X** No
2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes No If answer is "yes", Type of Consolidation.
3. If the answer to question two is "no", list all the owners and their respective interests below:

Owner

Land Description



Section B.

This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

El Paso Natural Gas Company

(Operator)

ORIGINAL SIGNED A.M. SMITH

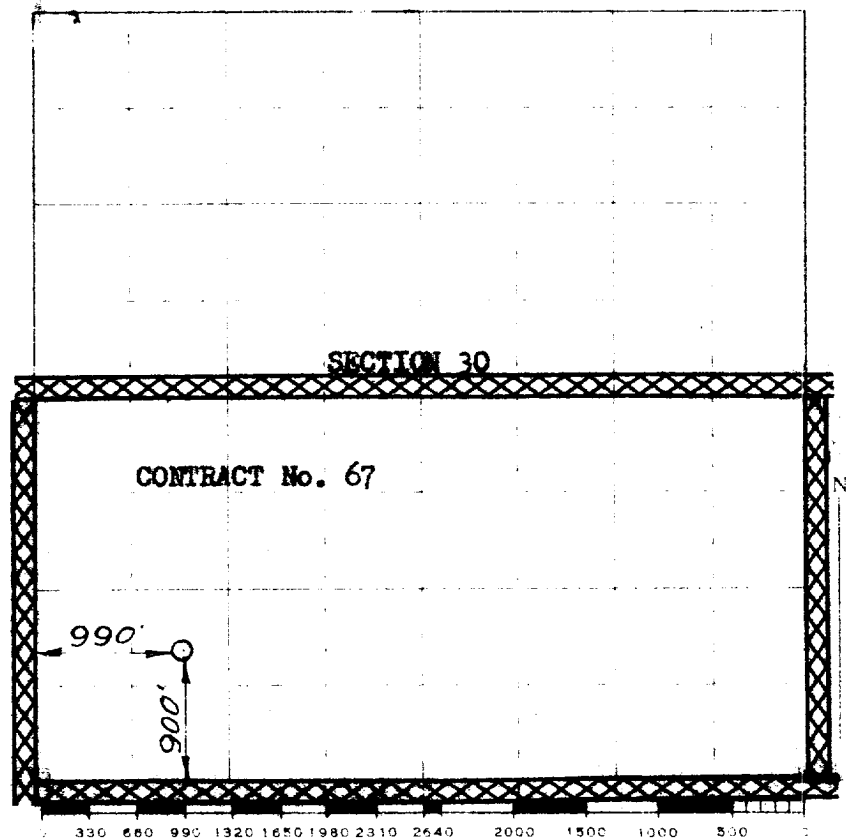
(Representative)

Box 997

(Address)

Farmington, New Mexico

Note: All distances must be from outer boundaries of section.



Scale 4 inches equal 1 mile

**NOTE: THIS PLAT IS RE-ISSUED TO SHOW CORRECTED ACREAGE DEDICATION.**  
**1 14 60**

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

(Seal)

Date Surveyed **NOVEMBER 25, 1959**

*David O. Tilner*  
 Registered Professional Engineer and/or Land Surveyor

Farmington, New Mexico

No. Copies Required

DISPOSITION		
	NO. FURNISHED	
Operator	3	
Santa Fe	1	
Proration Office		
Santa Land Office		
U. S. G. S.		
Transporter		
File	1	✓