

OPEN FLOW TEST DATA

Operator: Shar-Alan Date: July 24, 1962
 Location: SE $\frac{1}{4}$, Sec. 1, T. 23 N., R. 2 W. Lease: Jica-illa #2-A
 Formation: P C County: Rio Arriba State: N. M.
 Casing: 4 $\frac{1}{2}$ " Set @ 3355 Pool: Undesignated
 Pay Zone: 3261 To: 3328 Tubing: 1" Set @ 3280
 Choke Size: 3/4 THC Total Depth: 3355
 Choke Constant = C = 12.365

Stimulation Method: _____ Flow Through: Casing x Tubing _____

Shut-in Pressure Casing: 837 psig / 12 = 849 psia (Shut-in 8 days)

Shut-in Pressure Tubing: 837 psig / 12 = 849 psia

Flowing Pressure: P : 146 psig / 12 = 158 psia

Working Pressure: P_w : _____ psig / 12 = _____ psia

Temperature: T : 40 °F / 460 = 500 °Absolute

F_{pv} (from tables) : 1.016 Gravity .670 n 85

$$\text{Choke Volume} = Q = C \times P_t \times F_t \times F_g \times F_{pv}$$

$$12.365 \times \frac{Q}{158} \times 1.0198 \times .9837 \times 1.016 = \frac{1992}{n} \text{ MCF/D}$$

$$\text{Open Flow} - Aof = Q$$

$$Aof =$$

$$\left[\frac{P_c^2 - P_w^2}{P_c^2} \right] \times \left[\frac{720,801}{695,837} \right] = 1.0274$$

$$Aof =$$

$$2047 \text{ MCF/D}$$



Tested By: D. W. Stiles

Witnessed By: _____

Geolectric, Inc.

B. H. Kuyper

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NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

FORM C-110
 (Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator Shar-Alan Oil Company				Lease Jicarilla No. 156		Well No. 2-A	
Unit Letter P	Section 1	Township 23 North	Range 2 West		County Rio Arriba		
Pool Undesignated PC					Kind of Lease (State, Fed, Fee) Federal		
If well produces oil or condensate give location of tanks			Unit Letter	Section	Township	Range	
Authorized transporter of oil <input type="checkbox"/> or condensate <input type="checkbox"/>				Address (give address to which approved copy of this form is to be sent)			
Is Gas Actually Connected? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>							
Authorized transporter of casing head gas <input type="checkbox"/> or dry gas <input checked="" type="checkbox"/>			Date Connected	Address (give address to which approved copy of this form is to be sent)			
El Paso Natural Gas Company				1402 Denver U. S. National Center Denver 2, Colorado			

If gas is not being sold, give reasons and also explain its present disposition:

El Paso presently laying pipeline into immediate area of this well.

REASON(S) FOR FILING (please check proper box)

New Well ☒ Change in Ownership ☐
 Change in Transporter (check one) Other (explain below)
 Oil ☐ Dry Gas ☐
 Casing head gas . ☐ Condensate . ☐

Remarks



The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 10th day of August, 19 62

OIL CONSERVATION COMMISSION		By <i>Richard S. Hunt</i> Richard S. Hunt
Approved by Original Signed Emery C. Arnold		Title Mgr. of Lands & Explorations
Title Supervisor Dist. # 3		Company Shar-Alan Oil Company
Date AUG 22 1962		Address 1402 Denver U. S. National Center Denver 2, Colorado