

NEW MEXICO OIL CONSERVATION COMMISSION  
GAS WELL TEST DATA SHEET - - SAN JUAN BASIN

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, & ALL DAKOTA  
EXCEPT BARKER DOME STORAGE AREA)

Pool Ballard Formation Pictured Cliff County San Juan  
Purchasing Pipeline El Paso Natural Gas Company Date Test Filed \_\_\_\_\_  
Operator El Paso Natural Gas Company Lease No-Res-Pak Well No. 1  
Unit 2 Sec. 6 Twp. 26N Rge. 8W Pay Zone: From 1915 To 1944  
Casing: OD 5 1/2 WT. 15.5 Set At 2000 Tubing: OD 1 1/4 WT. 2.3 T. Perf. 1911  
Produced Through: Casing X Tubing \_\_\_\_\_ Gas Gravity: Measured 640 Estimated \_\_\_\_\_  
Date of Flow Test: From 2/20/57 To 2/28/57 \* Date S.I.P. Measured 10/12/56  
Meter Run Size 4 Orifice Size --- Type Chart Sq. Root Type Taps Flange

OBSERVED DATA

Flowing casing pressure (Dwt) \_\_\_\_\_ psig + 12 = \_\_\_\_\_ psia (a)  
Flowing tubing pressure (Dwt) \_\_\_\_\_ psig + 12 = \_\_\_\_\_ psia (b)  
Flowing meter pressure (Dwt) \_\_\_\_\_ psig + 12 = \_\_\_\_\_ psia (c)  
Flowing meter pressure (meter reading when Dwt. measurement taken):  
Normal chart reading \_\_\_\_\_ psig + 12 = \_\_\_\_\_ psia (d)  
Square root chart reading (\_\_\_\_\_) <sup>2</sup> x spring constant \_\_\_\_\_ = \_\_\_\_\_ psia (d)  
Meter error (c) - (d) or (d) - (c) \_\_\_\_\_ ± \_\_\_\_\_ = \_\_\_\_\_ psi (e)  
Friction loss, Flowing column to meter:  
(b) - (c) Flow through tubing; (a) - (c) Flow through casing \_\_\_\_\_ = \_\_\_\_\_ psi (f)  
Seven day average static meter pressure (from meter chart):  
Normal chart average reading \_\_\_\_\_ psig + 12 = \_\_\_\_\_ psia (g)  
Square root chart average reading (6.70) <sup>2</sup> x sp. const. 5 = 224 psia (g)  
Corrected seven day avge. meter press. (p<sub>f</sub>) (g) + (e) \_\_\_\_\_ = 224 psia (h)  
P<sub>t</sub> = (h) + (f) \_\_\_\_\_ = 224 psia (i)  
Wellhead casing shut-in pressure (Dwt) 430 psig + 12 = 442 psia (j)  
Wellhead tubing shut-in pressure (Dwt) 430 psig + 12 = 442 psia (k)  
P<sub>c</sub> = (j) or (k) whichever well flowed through \_\_\_\_\_ = 442 psia (l)  
Flowing Temp. (Meter Run) 43 °F + 460 \_\_\_\_\_ = 503 ° Abs (m)  
P<sub>d</sub> = 1/2 P<sub>c</sub> = 1/2 (l) \_\_\_\_\_ = 221 psia (n)

FLOW RATE CALCULATION

Q = \_\_\_\_\_ X  $\left( \frac{\sqrt{(c)}}{\sqrt{(d)}} \right)^* = \underline{45}$  MCF/da  
(integrated)

DELIVERABILITY CALCULATION

D = Q 45  $\left[ \frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n = \underline{45}$  MCF/da.  
146,503 1.0091  
145,188 1.0077

SUMMARY

P<sub>c</sub> = 442 psia Company El Paso Natural Gas Company  
Q = 45 Mcf/day By Tom Grant  
P<sub>w</sub> = 224 psia Title \_\_\_\_\_  
P<sub>d</sub> = 221 psia Witnessed by \_\_\_\_\_  
D = 45 Mcf/day Company \_\_\_\_\_

- \* This is date of completion test.
- \* Meter error correction factor

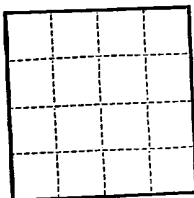
REMARKS OR FRICTION CALCULATIONS

GL	(1-e <sup>-S</sup> )	(F <sub>c</sub> Q) <sup>2</sup>	(F <sub>c</sub> Q) <sup>2</sup> (1-e <sup>-S</sup> ) R <sup>2</sup>	P <sub>t</sub> <sup>2</sup> (Column i)
			<u>Negligible</u>	

D @ 250 = 40

*OK*





(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-11000-1  
Approval expires 12-31-60.  
Indian Agency Navajo Tribal  
1A-20-603-768  
**RECEIVED**  
Date No. JUL 2 1962

SUNDRY NOTICES AND REPORTS ON WELLS  
GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
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 REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	<input checked="" type="checkbox"/>
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)

June 26

19 62

**Re-Use-Pub**

Well No. 1 is located 1500 ft. from N line and 990 ft. from W line of sec. 6

SW 1/4 Section 6

(1/4 Sec. and Sec. No.)

26-N

(Twp.)

3-W

(Range)

N.M.P.M.

(Meridian)

Ballard Pictured Cliffs

(Field)

San Juan

(County or Subdivision)

New Mexico

(State or Territory)

The elevation of the derrick floor above sea level is 6110 ft.

DETAILS OF WORK

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

On 6-27-62 this well was plugged & abandoned in the following manner:

1. Spotted 15 sk. cement plug to cover perfor 1914-1944'.
2. Pulled tubing.
3. Shot 5 1/2" casing @ 830'. Spotted 20 sack cement plug across casing stub.
4. Pulled 5 1/2" casing.
5. Spotted 25 sack cement plug @ bottom of surface & 15 sack cement plug at top of surface w/a 4" x 4' dry hole marker.

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 990

Farmington, New Mexico

Original Signed D. W. Meehan

By

Title Petroleum Engineer