

Initial  
Deliverability Test

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

Pool BASIN Formation DAKOTA County RA  
Well Name SJ 28-6 UNIT #141 75654  
Unit N S 36 T 28 R 6 Pay Zone 7328 To 7542 Flow String TUBING  
Casing O D 4.500 I D 4.052 Set at 7586 Tubing O D 2.375 I D 1.995 L 7304 Top Perf.  
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of Pc Comm. Designated Pc, psia Period Of Test Flow SIP Measured  
50 From 09-15-67 To 09-23-67 07-06-67

Deadweight Flowing Pressure, psia Flowing Pressure, psia  
Casing (a) Tubing (b) Meter (c) Chart (d)

Deadweight Shut-In Pressures, psia Meter Error Friction Loss  
Casing 2679 (j) Tubing 2695 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia  
Chart 512 (g) Corrected 512 (h)  $P_t$  512 (i) Gravity .678

G. L. = 4952  $1-e^{-s} = .302$   $F_c = 9.402$   $(F_c Q)^2 = 149.842$

$(1-e^{-s})(F_c Q)^2 = R^2 = 45252$   $P_1^2 = 262144$   $P_2^2 = 307396$

$Q = \frac{1302}{(\text{integrated})} \times \left[ \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 1302$

$D=Q = 1302 \times \left[ \frac{(P_1^2 - P_2^2)}{(P_c^2 - P_2^2)} \right]^n = \left[ \frac{5445921}{6955629} \right]^n = \left( \frac{.7829}{.8323} \right)^n = 1084$

REMARKS

New Well First Delivered 8-28-67.



SUMMARY

$P_c = 2695$   
 $Q = 1302$   
 $P_w = 554$   
 $P_d = 1348$   
 $D = 1084$

Company EL PASO NATURAL GAS CO  
By H.E. Kendrick, P.E.  
Title AREA GAS WELL TEST ENGINEER  
Witnessed By \_\_\_\_\_  
Company \_\_\_\_\_

AT 3449

1124

4. 2. 7

1418 1140 3-28 66

1567

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doi

| Condition | Control (%) | MCI (%) | AD (%) |
|-----------|-------------|---------|--------|
| A         | ~95         | ~85     | ~75    |
| B         | ~95         | ~85     | ~75    |
| C         | ~95         | ~85     | ~75    |
| D         | ~95         | ~85     | ~75    |

SECRET JANUARY 1944 J.

31-240, 14-917, 14-920, 14-921

7-2-50

7-1-42

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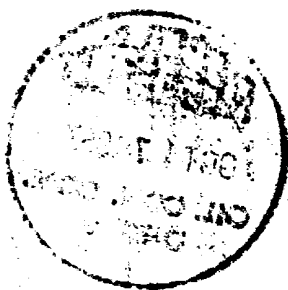
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• 2015-2016 2017-2018 2019-2020 2020-2021

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

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W. E. KEMERICK, JR.

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