

Initial
Deliverability Test

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

Pool BASIN Formation DAKOTA County SJ

Well Name HUERFANO UNIT NP #172 75564

Unit E S 9 T 25 R 9 Pay Zone 6502 To 6670 Flow String TUBING

Casing O D 4.500 I D 4.052 Set at 6723 Tubing O D 2.375 I D 1.995 L 6516 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 05-11-67 To 05-19-67 12-27-66

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 2029 (j) Tubing 2029 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 470 (g) Corrected 470 (h) P_t 470 (i) Gravity .662

G. L. = 4314 $1-e^{-s} =$.269 $F_c =$ 9.402 $(F_c Q)^2 =$ 11.269

$(1-e^{-s}) (F_c Q)^2 = R^2 =$ 3031 $P_r^2 =$ 220900 $P_w^2 =$ 223931

$Q = \frac{357}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 357$

$D=Q \frac{357}{\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n} = \left[\frac{3086616}{3892910} \right]^n = \frac{(.7928)^n}{.8402} = 300$

REMARKS

New Well First Delivered 4-20-67.

alc



SUMMARY

$P_c =$ 2029
 $Q =$ 357
 $P_w =$ 473
 $P_d =$ 1015
 $D =$ 300

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

67166

75564
2131

412A5

ST 19 44 1 1001 WA 931H

170

624

BT 6820 NATURAL GAS

JE 0249 040141

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	2005	2006	2007	2008
1. Total	100	100	100	100
2. Government	100	100	100	100
3. Non-government	0	0	0	0
4. Total	100	100	100	100
5. Government	100	100	100	100
6. Non-government	0	0	0	0
7. Total	100	100	100	100
8. Government	100	100	100	100
9. Non-government	0	0	0	0
10. Total	100	100	100	100
11. Government	100	100	100	100
12. Non-government	0	0	0	0
13. Total	100	100	100	100
14. Government	100	100	100	100
15. Non-government	0	0	0	0
16. Total	100	100	100	100
17. Government	100	100	100	100
18. Non-government	0	0	0	0
19. Total	100	100	100	100
20. Government	100	100	100	100
21. Non-government	0	0	0	0
22. Total	100	100	100	100
23. Government	100	100	100	100
24. Non-government	0	0	0	0
25. Total	100	100	100	100
26. Government	100	100	100	100
27. Non-government	0	0	0	0
28. Total	100	100	100	100
29. Government	100	100	100	100
30. Non-government	0	0	0	0
31. Total	100	100	100	100
32. Government	100	100	100	100
33. Non-government	0	0	0	0
34. Total	100	100	100	100
35. Government	100	100	100	100
36. Non-government	0	0	0	0
37. Total	100	100	100	100
38. Government	100	100	100	100
39. Non-government	0	0	0	0
40. Total	100	100	100	100
41. Government	100	100	100	100
42. Non-government	0	0	0	0
43. Total	100	100	100	100
44. Government	100	100	100	100
45. Non-government	0	0	0	0
46. Total	100	100	100	100
47. Government	100	100	100	100
48. Non-government	0	0	0	0
49. Total	100	100	100	100
50. Government	100	100	100	100
51. Non-government	0	0	0	0
52. Total	100	100	100	100
53. Government	100	100	100	100
54. Non-government	0	0	0	0
55. Total	100	100	100	100
56. Government	100	100	100	100
57. Non-government	0	0	0	0
58. Total	100	100	100	100
59. Government	100	100	100	100
60. Non-government	0	0	0	0
61. Total	100	100	100	100
62. Government	100	100	100	100
63. Non-government	0	0	0	0
64. Total	100	100	100	100
65. Government	100	100	100	100
66. Non-government	0	0	0	0
67. Total	100	100	100	100
68. Government	100	100	100	100
69. Non-government	0	0	0	0
70. Total	100	100	100	100
71. Government	100	100	100	100
72. Non-government	0	0	0	0
73. Total	100	100	100	100
74. Government	100	100	100	100
75. Non-government	0	0	0	0
76. Total	100	100	100	100
77. Government	100	100	100	100
78. Non-government	0	0	0	0
79. Total	100	100	100	100
80. Government	100	100		

Sgt. CFA CFA CFA

PGS. 11 PGS. 12 PGS. 13 PGS. 14

19355 009055 5025

SEE 0000.1 0000.1 SEE

BOE	89 T.	2164808	122
	89 C.	0182288	

• 73-02-4 Reviewer's third sign was



U.S. NATURAL RESOURCES

AREA GAS WELL TEST ENGINEER
H.L. KENDRICK, P.E.

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