

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)

Initial
Deliverability Test

72583 Pool BLANCO Lease SAN JUAN 28 & 7 No. 21
 Formation MY Unit N S 07 T 28 R 04 Pay Zone 6480 to 6632 Cty. RA
 Casing - OD 3500 Wt. 1550 Set at 6772 Tubing - OD 2000 Wt. 0470 L 6652 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 060760 To 061360 S.I.P. Measured 120169 Prod. String O.D. 2.000
 Deadweight Flowing Pressure, psia
 Casing _____ (a) Tubing _____ (b) Meter _____ (c) Wt. 4.70
 Flowing Pressure, psia
 Chart _____ (d) Tubing 1079 (k) Deadweight Shut-in Pressure, psia
 Casing 1079 (j) Length 6652

Meter Error

0 (e)

Friction Loss

0 (f)

7 Day Avg. Flowing Pres., psia

Chart 519 (g) Corrected 519 (h)

FRICTION CALCULATION

Grav. .646 $P_t =$ 519 (i) $GL =$ 4297 $(1-e^{-x}) =$.268

$(F_c Q)^2 =$ 3787 $(1-e^{-x})(F_c Q)^2 = R^2 =$ 1015 $P_t^2 =$ 269361 $P_w^2 =$ 270376

FLOW RATE CALCULATION

$Q =$ 207 $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 207

DELIVERABILITY CALCULATION

$D = Q$ 207 $\times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N =$.9762 $=$.9820 $=$ 203

SUMMARY

 $P_c =$ 1079 $Q =$ 207 $P_w =$ 320 $P_d =$ 340 $D =$ 203D at 250 or 500 208

Note:

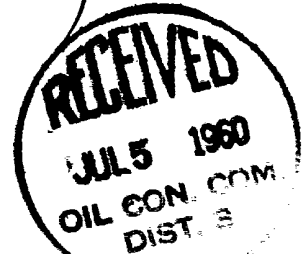
250# for P.C.

500# for M.V.

Company EL PASO NATURAL GAS CO.By H. L. KENDRICKTitle GAS ENGINEER

Witnessed By _____

Company _____



GAS WELL TEST DATA SHEET - SAN JUAN BASIN

THIS FORM IS TO BE FILLED OUT BY THE FIELD OFFICE OF THE NEW MEXICO CONSERVATION COMMISSION. IT IS NOT TO BE FILLED OUT BY THE LABORATORY.

1. Name of well: _____
2. Location: _____
3. Date of test: _____
4. Name of operator: _____
5. Name of tester: _____
6. Name of observer: _____

OBSERVED DATA

1. Time of day: _____
2. Direction of wind: _____
3. Force of wind: _____
4. Direction of surface current: _____
5. Force of surface current: _____
6. Direction of bottom current: _____
7. Force of bottom current: _____

8. Direction of surface current: _____
9. Force of surface current: _____
10. Direction of bottom current: _____
11. Force of bottom current: _____

12. Direction of surface current: _____
13. Force of surface current: _____
14. Direction of bottom current: _____
15. Force of bottom current: _____

16. Direction of surface current: _____
17. Force of surface current: _____
18. Direction of bottom current: _____
19. Force of bottom current: _____

20. Direction of surface current: _____
21. Force of surface current: _____
22. Direction of bottom current: _____
23. Force of bottom current: _____

24. Direction of surface current: _____
25. Force of surface current: _____
26. Direction of bottom current: _____
27. Force of bottom current: _____

FLOW RATE CALCULATION

1. Direction of surface current: _____
2. Force of surface current: _____
3. Direction of bottom current: _____
4. Force of bottom current: _____

INTERFEROMETER CALCULATION

1. Direction of surface current: _____
2. Force of surface current: _____
3. Direction of bottom current: _____
4. Force of bottom current: _____

5. Direction of surface current: _____
6. Force of surface current: _____
7. Direction of bottom current: _____
8. Force of bottom current: _____

9. Direction of surface current: _____
10. Force of surface current: _____
11. Direction of bottom current: _____
12. Force of bottom current: _____

13. Direction of surface current: _____
14. Force of surface current: _____
15. Direction of bottom current: _____
16. Force of bottom current: _____

17. Direction of surface current: _____
18. Force of surface current: _____
19. Direction of bottom current: _____
20. Force of bottom current: _____

