

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

72483 Pool BLANCO Lease SAN JUAN 28 7 No. 105
 Formation MV Unit N S 31 T 28 R 07 Pay Zone 4888 to 5032 Cty. RA
 Casing - OD 7625 Wt. 2640 Set at 2900 Tubing - OD 2000 Wt. 0470 L 5042 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 103059 To 110759 S.I.P. Measured 080159 Prod. String O.D. 7.625
 Deadweight Flowing Pressure, psia
 Casing _____ (a) Tubing _____ (b) Meter _____ (c) Wt. 26.40
 Flowing Pressure, psia
 Chart _____ (d) Tubing 1059 (k) Casing 1059 (j) Length 2900
 Deadweight Shut-in Pressure, psia

Meter Error

0 (e)

Friction Loss

0 (f)

7 Day Avg. Flowing Pres., psia

Chart 483 (g) Corrected 483 (h)

FRICTION CALCULATION

Grav. .681 $P_t =$ 483 (i) $GL =$ 1975 $(1-e^{-x}) =$.134

$(F_c Q)^2 =$ _____ $(1-e^{-x})(F_c Q)^2 = R^2 =$ _____ $P_t^2 =$ 233289 $P_w^2 =$ 233289

FLOW RATE CALCULATION

$Q =$ 24 $\times$ $\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 24

DELIVERABILITY CALCULATION

$D = Q$ 24 $\times$ $\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N =$.9463 $=$.9594 23

SUMMARY

 $P_c =$ 1059 $Q =$ 24 $P_w =$ 483 $P_d =$ 530 $D =$ 23 D at 250 or 500 23

Note:

250 # for P.C.

500 # for M.V.

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

Witnessed By _____

23 Company _____

RECEIVED

DEC 7 1959

N. COM.

B

WELL TEST DATA SHEET - ZAPATA BASIN
THIS SHEET IS TO BE FILLED OUT BY THE FIELD OFFICE
AND RETURNED TO THE BUREAU OF CONSERVATION

1. Name of well: _____
2. Location: _____
3. Date of test: _____

EL PASO NATURAL GAS CO.

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: _____

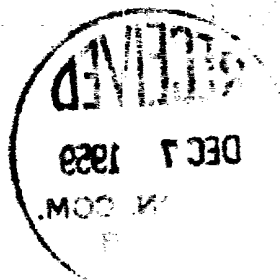
8. Direction of surface current: _____
9. Force of surface current: _____
10. Direction of bottom current: _____
11. Force of bottom current: _____
12. Direction of surface current: _____
13. Force of surface current: _____
14. Direction of bottom current: _____
15. Force of bottom current: _____

WELL ANALYSIS

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: _____

WELL ANALYSIS

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: _____



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