

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

70445 Pool BLANCO MV Lease STANDARD OIL STATE No. 1
 Formation MV Unit N S 36 T 29 R 09 Pay Zone 3756 to 4442 Cty. SJ
 Casing - OD 7000 Wt. 2000 Set at 3680 Tubing - OD 2000 Wt. 0470 L 4346 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow S.I.P. Measured Prod. String
 From 032161 To 032961 070660 O.D. 2.000

Deadweight Flowing Pressure, psia
 Casing (a) Tubing (b) Meter (c) Wt. 4.70

Flowing Pressure, psia Deadweight Shut-in Pressure, psia
 Chart (d) Tubing 816 (k) Casing 817 (j) Length 4346

Meter Error Friction Loss 7 Day Avg. Flowing Pres., psia
0 (e) 0 (f) Chart 540 (g) Corrected 540 (h)

FRICTION CALCULATION

Grav. .700 $P_t =$ 540 (i) GL = 3042 $(1-e^{-s}) =$.198

$(F_c Q)^2 =$ 6066 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 1201 $P_t^2 =$ 291600 $P_w^2 =$ 292801

FLOW RATE CALCULATION

$Q =$ 262 $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 262

DELIVERABILITY CALCULATION

$D = Q$ 262 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{1.3386}{1.2444} =$ 326

Intermitter was installed, turned back on production, 3-7-61.

SUMMARY

$P_c =$ 816
 $Q =$ 262
 $P_w =$ 541
 $P_d =$ 408
 $D =$ 326

D at 250 or 500 277

Note:
 250 = for P.C.
 500 = for M.V.

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

Witnessed By _____

Company _____

RECEIVED

MAY 1 1961

OIL CON. COM.
DIST. 7

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