

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)

Pool Blanco Formation Mesa Verde County San Juan  
Purchasing Pipeline El Paso Natural Gas Company Date Test Filed \_\_\_\_\_  
Operator El Paso Natural Gas Lease Monafield Well No. 1  
Unit M Sec. 29 Twp. 30 Rge. 9 Pay Zone: From 4176 To 4954  
Casing: OD 7 WT. 30 Set At 4145 Tubing: OD 2 WT. 4.7 T. Perf. 4230  
Produced Through: Casing \_\_\_\_\_ Tubing X Gas Gravity: Measured .660 Estimated \_\_\_\_\_  
Date of Flow Test: From 2/8/58 To 2/16/58 \* Date S.I.P. Measured 5-25-57 (7 days)  
Meter Run Size \_\_\_\_\_ Orifice Size \_\_\_\_\_ Type Chart \_\_\_\_\_ Type Taps \_\_\_\_\_

OBSERVED DATA

Flowing casing pressure (Dwt) \_\_\_\_\_ psig + 12 = \_\_\_\_\_ psia (a)  
Flowing tubing pressure (Dwt) \_\_\_\_\_ psig + 12 = \_\_\_\_\_ psia (b)  
Flowing meter pressure (Dwt) \_\_\_\_\_ psig + 12 = \_\_\_\_\_ psia (c)  
Flowing meter pressure (meter reading when Dwt. measurement taken):  
Normal chart reading \_\_\_\_\_ psig + 12 = \_\_\_\_\_ psia (d)  
Square root chart reading (\_\_\_\_\_) <sup>2</sup> x spring constant \_\_\_\_\_ = \_\_\_\_\_ psia (e)  
Meter error (c) - (d) or (d) - (c) \_\_\_\_\_ ± \_\_\_\_\_ = \_\_\_\_\_ psi (f)  
Friction loss, Flowing column to meter:  
(b) - (a) Flow through tubing; (a) - (c) Flow through casing \_\_\_\_\_ = \_\_\_\_\_ psi (g)  
Seven day average static meter pressure (from meter chart):  
Normal chart average reading \_\_\_\_\_ psig + 12 = \_\_\_\_\_ psia (h)  
Square root chart average reading (5.75) <sup>2</sup> x sp. const. 15 \_\_\_\_\_ = \_\_\_\_\_ psia (i)  
Corrected seven day avge. meter press. (p<sub>f</sub>) (g) + (e) \_\_\_\_\_ = \_\_\_\_\_ psia (j)  
P<sub>f</sub> = (h) + (f) \_\_\_\_\_ = \_\_\_\_\_ psia (k)  
Wellhead casing shut-in pressure (Dwt) \_\_\_\_\_ psig + 12 = \_\_\_\_\_ psia (l)  
Wellhead tubing shut-in pressure (Dwt) \_\_\_\_\_ psig + 12 = 656 660 psia (m)  
P<sub>c</sub> = (j) or (k) whichever well flowed through \_\_\_\_\_ = \_\_\_\_\_ psia (n)  
Flowing Temp. (Meter Run) 61 °F + 460 \_\_\_\_\_ = \_\_\_\_\_ °Abs (o)  
P<sub>g</sub> =  $\frac{1}{2}$  P<sub>c</sub> =  $\frac{1}{2}$  (l) \_\_\_\_\_ = \_\_\_\_\_ psia (p)

Q = \_\_\_\_\_ X  $\left( \frac{\text{FLOW RATE CALCULATION}}{\frac{\sqrt{(c)}}{\sqrt{(d)}}} = \frac{\text{_____}}{\text{_____}} = \text{_____} \right) = \text{685} \text{ MCF/day}$   
(Integrated)

DELIVERABILITY CALCULATION

D = Q 685  $\left[ \frac{(P_c^2 - P_d^2) = \text{733096}}{(P_c^2 - P_w^2) = \text{724266}} \right]^n \frac{1.0121}{1.0091} = \text{691} \text{ MCF/day}$

SUMMARY

P<sub>c</sub> = 989 + \_\_\_\_\_ psia Company El Paso Natural Gas  
Q = 685 \_\_\_\_\_ Mcf/day By Original Signed  
P<sub>w</sub> = 904 \_\_\_\_\_ psia Title Lewis D. Galloway  
P<sub>d</sub> = 660 \_\_\_\_\_ psia Witnessed by \_\_\_\_\_  
D = 691 \_\_\_\_\_ Mcf/day Company \_\_\_\_\_

- \* This is date of completion test.
- \* Meter error correction factor

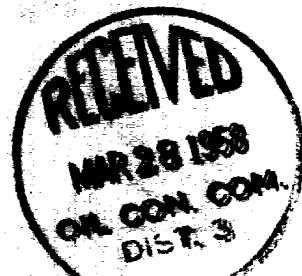
REMARKS OR FRICTION CALCULATIONS

| GL   | (1-e <sup>-S</sup> ) | (FcQ) <sup>2</sup> | (FcQ) <sup>2</sup> (1-e <sup>-S</sup> ) | P <sub>t</sub> <sup>2</sup> | P <sub>t</sub> <sup>2</sup> + R <sup>2</sup> | P <sub>w</sub> |
|------|----------------------|--------------------|-----------------------------------------|-----------------------------|----------------------------------------------|----------------|
|      |                      |                    | R <sup>2</sup>                          | (Column f)                  |                                              |                |
| 8876 | .189                 | 41.475             | 7839                                    | 246016                      | 253855                                       | 504            |

R at 500 = 674

\* String perforated 2/10/58 therefore SIPC used for PC

*OK*



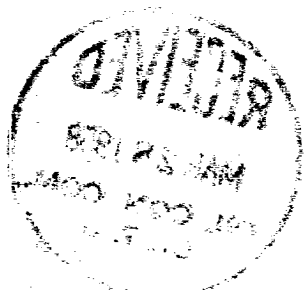
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Figure 1. The effect of the concentration of the *Agaricus bisporus* spores on the growth of *Agaricus bisporus* on the substrate. The concentration of the spores was 10<sup>4</sup> spores/g substrate (a), 10<sup>5</sup> spores/g substrate (b), 10<sup>6</sup> spores/g substrate (c), 10<sup>7</sup> spores/g substrate (d), 10<sup>8</sup> spores/g substrate (e), 10<sup>9</sup> spores/g substrate (f). The substrate was 100 g of substrate (100 g of substrate + 100 g of substrate).

the 1990s, the number of people in the world who are undernourished has declined from 1.1 billion to 800 million. The number of people who are malnourished has declined from 1.5 billion to 1 billion. The number of people who are obese has increased from 100 million to 300 million. The number of people who are overweight has increased from 100 million to 300 million. The number of people who are undernourished has declined from 1.1 billion to 800 million. The number of people who are malnourished has declined from 1.5 billion to 1 billion. The number of people who are obese has increased from 100 million to 300 million. The number of people who are overweight has increased from 100 million to 300 million.

Figure 1 is a 2x2 grid of line graphs. The y-axis for all graphs is 'Percentage of correct responses' ranging from 0 to 100. The x-axis for all graphs is 'Condition' with four categories: Control, MCI, AD, and DLB. The four groups are represented by different line styles: Control (solid line with circles), MCI (dashed line with squares), AD (dotted line with triangles), and DLB (dash-dot line with diamonds). In the top-left graph (Control group), all conditions show high performance (80-90%). In the top-right graph (MCI group), performance is high for Control and MCI conditions but drops significantly for AD and DLB conditions. In the bottom-left graph (AD group), performance is high for Control and MCI conditions but drops significantly for AD and DLB conditions. In the bottom-right graph (DLB group), performance is high for Control and MCI conditions but drops significantly for AD and DLB conditions.



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