

DATA SHEET

Getty Two State Well No. 1
Gramma Ridge Morrow Field
Pressure Buildup Test No. 2
December 9-12, 1978

Horner Plot of the captioned test is attached. The interpretation of this plot is as follows;

1. No boundaries are present.
2. A single-layer reservoir type plot is shown as compared to a two-layer type indicated by pressure buildup test No. 1.
3. P^* , reservoir pressure, was 7850 psig compared to test No. 1 P^* of 8270 psig, or a decrease of 420 psi.

Summary of Kh Calculations:

1. The stabilized production rate was 1,527 MCF/D or 271,950 Bbls. gas/D.
2. Gas viscosity was 0.03323 cp.
3. B_g , reservoir gas volume factor, was $(2.85)(10)^{-3} \text{ ft}^3/\text{ft}^3$
4. Horner Plot slope is 57 psi/cycle
5. Kh was 73.5 md. ft.
6. K based on 33 net feet pay is 2.2 m.d.

Conclusions:

1. No boundary is indicated.
2. The permeability is moderate and slightly increased as compared to the previous buildup test.
3. The reservoir parameters in the area of the wellbore should efficiently deplete a 640 acre proration unit.

BEFORE THE	
OIL CONSERVATION COMMISSION	
Sandoz, N.D.	
Case No.	6557 Sub. No. 22
Submitted by	Getty
Hearing Date	5-29-79