

**OIL CONSERVATION DIVISION
P.O. BOX 2088
SANTA FE, NEW MEXICO 87501**

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Form C-122
Revised 4-1-91

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator Meridian Oil, Inc.										Lease or Unit Name [REDACTED]									
Type Test ☒ Initial ☐ Annual ☐ Special										Test Date 12-15-93									
Completion Date 12-05-93										Well No. [REDACTED]									
Total Depth 6,330										Unit Letter - Sec. - TWN - RNG [REDACTED]									
TVD MD										Plug Back TD 6,329									
Elevation 6,970										County RIO ARRIBA									
Csg. Size 4 1/2"										Pool TAPACITO/BLANCO									
Wt. 11.6#										Formation PICTURED CLIFFS/MESA VERDE									
d K-55										Connection [REDACTED]									
Set At 3861 - 6329										Meter Run [REDACTED]									
Perforations: From 5,337 To 5,878										Taps [REDACTED]									
Tbg. Size 2 3/8"										Packer Set At None									
Wt. 4.7										Baro. Press. Pd 12.20									
d J-55										Prover [REDACTED]									
Set At 6,200										Meter Run [REDACTED]									
From 3,661 To 4,651										Taps [REDACTED]									
To 4,651										Taps [REDACTED]									
Type Well - Single - Bradenhead - G.G. or G.O. Multiple COMMINGLE										Taps [REDACTED]									
Prod Thru Tubing										Taps [REDACTED]									
Resv Temp °F [REDACTED]										Taps [REDACTED]									
Mean Ann T °F [REDACTED]										Taps [REDACTED]									
Gg 0.700										Taps [REDACTED]									
% CO2 0.000										Taps [REDACTED]									
% N2 0.000										Taps [REDACTED]									
% H2S [REDACTED]										Taps [REDACTED]									
Prover [REDACTED]										Taps [REDACTED]									
FLOW DATA										TUBING DATA									
Casing Data										Casing Data									
NO.										NO.									
Prover Line Size										Press. p.s.i.g.									
X										Temp. F°									
Orifice Size										Press. p.s.i.g.									
0.750										Temp. F°									
SI										988									
1.										327									
2.										227									
3.										193									
4.										[REDACTED]									
5.										[REDACTED]									
RATE OF FLOW CALCULATIONS										RATE OF FLOW CALCULATIONS									
NO.										NO.									
Coefficient (24 Hour)										Flow Temp. Factor Ft.									
11.000										1.0078									
1.										1.1852									
2.										1.0000									
3.										2,718.88									
4.										[REDACTED]									
5.										[REDACTED]									
NO.										NO.									
Pr										Temp. °R									
Temp. °R										Tr									
Tr										Z									
Z										Gas Liquid Hydrocarbon Ratio									
[REDACTED]										API Gravity of Liquid Hydrocarbons									
[REDACTED]										Specific Gravity Separator Gas									
[REDACTED]										Specific Gravity Flowing Fluid									
[REDACTED]										Critical Pressure									
[REDACTED]										Critical Temperature									
Pc 1000.20										Pc2 1,000,400.04									
NO.										NO.									
P12										Pw									
Pw										Pw2									
Pw2										Pc2 - Pw2									
1.										677.20									
2.										458,599.84									
3.										541,800.20									
4.										[REDACTED]									
5.										[REDACTED]									
(1) $\frac{Pc2}{Pc2 - Pw2} = 1.8464$										(2) $\left[\frac{Pc2}{Pc2 - Pw2} \right]^n = 1.5840$									
AOF = Q $\left[\frac{Pc2}{Pc2 - Pw2} \right]^n = 4,308.66$										[REDACTED]									
Absolute Open Flow 4.307										Mcf/d @ 15.025									
Angle of Slope [REDACTED]										Slope, n 0.75									
Remarks: [REDACTED]										[REDACTED]									
Approved By Division [REDACTED]										Conducted By: GARRY NELSON									
[REDACTED]										Calculated By: SUSAN DOLAN									
[REDACTED]										Checked By: BRUCE VOILES									

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