

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 12-30-87	
Company MERIDIAN OIL, INC.			Connection EL PASO NATURAL GAS COMPANY		
Pool BLANCO			Formation MESAVERDE		Unit
Completion Date 12-22-87		Total Depth 5786'	Plug Back TD 5768'	Elevation 6468' GL	Farm or Lease Name ATLANTIC D COM E
Csg. Size 4.5000	Wt. 10.5	d 4.0520	Set At 5786'	Perforations: From To	Well No. 6R
Thq. Size 2.3750	Wt. 4.7	d 1.9950	Set At 5618'	Perforations: From 4991' To 5620'	Unit Sec. Twp. Rge. K 16 30 10
Type Well - Single - Bradenhead - G.G. or G.O. Multiple SINGLE				Packer Set At N/A	County SAN JUAN
Producing Thru TUBING		Reservoir Temp. °F p	Mean Annual Temp. °F	Baro. Press. - P _a 12.2	State NEW MEXICO
L	H	G _g .700	% CO ₂	% N ₂	% H ₂ S Prover Meter Run Taps

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI							572		930	
1.	2" X 3/4"						297		727	61°
2.							262		657	64°
3.							223		609	65°
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcld
1	12.365		235.2	1.0000	.9258	1.0000	2692
2							
3							
4							
5							

NO.	P	Temp. °R	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1			A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2			Specific Gravity Separator Gas _____ XXXXXXXXXX
3			Specific Gravity Flowing Fluid _____ XXXXX
4			Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5			Critical Temperature _____ R _____ R

P _c 942.2	P _c ² 887740.8	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.7689$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.5339$
NO.	P _i ²	P _w	P _w ²
1		621.2	385889.4
2			
3			
4			
5			

Absolute Open Flow 4129		Mcf @ 15.025	Angle of Slope	Slope, n .75
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Remarks: LIGHT STEADY MIST THROUGHOUT TEST - 80% OIL & 20% WATER.

Approved By Division	Conducted By: STEVE KELLENAERS	Calculated By: JAMES WM. SMITH	Checked By:
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