

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 7-21-78	
Company Anoco Production				Connection			
Pool Blanco				Formation Mesaverde		Unit	
Completion Date 7-5-78		Total Depth 6748		Plug Back TD 6704		Elevation 7491	
Csg. Size 7.000		Wt. 20		Set At 6.456		Perforations: From 6308 To 6676	
Tbg. Size 2.063		Wt. 3.25		Set At 1.751		Perforations: From Open To Ended	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual						Packer Set At 4526	
Producing Thru Tubing		Reservoir Temp. °F 6		Mean Annual Temp. °F		Baro. Press. - P _a	
L		H		Gg .65		% 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.	
1	7 days						1136			
1.	2.375	0.750					72	60		
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		84	1.000	.9608	1.010	1040
2.							
3.							
4.							
5.							

NO.	P _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.	
					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.	
					Specific Gravity Separator Gas _____ XXXXXXXXXX	
					Specific Gravity Flowing Fluid _____ XXXXX	
					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.	
					Critical Temperature _____ R _____ R	

P _c 1148 P _c ² 1317904			
NO.	P _w	P _w ²	P _c ² - P _w ²
1	240	57600	1260304
2			
3			
4			
5			

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.0457$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0341$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1075$$

Absolute Open Flow 1075 Mcfd @ 15.025		Angle of Slope 6		Slope, n .75	
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Remarks: 4.5" 10.5# Liner set @ 4484' - 6748'
 Pw calculated per C-122A

Approved By Commission	Conducted By: TMO/TLL	Calculated By: T. M. Oliver	Checked By: J. L. Krupka
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