

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 7-18-77	
Company Continental Oil Co.				Connection None		
Pool Blanco				Formation P.C.		Unit
Completion Date 6-29-77		Total Depth 3945		Plug Back TD 3887		Elevation 7269
Csg. Size 2 7/8		Set At 3934		Perforations: From 3776 To 3760		Farm or Lease Name AXI Apache "O"
Tbg. Size		Set At		Perforations: From To		Well No. 15
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single Gas					Packer Set At	
Producing Thru Csg.		Reservoir Temp. °F 102 @ 3760		Mean Annual Temp. °F 50		Baro. Press. - P _g 12.2
L 3768		H 3769		G _g .69		% CO ₂ % N ₂ % H ₂ S Prover Meter Run Taps
FLOW DATA				TUBING DATA		CASING DATA
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. °F
SI						
1.	3/4" choked pipe			45		62°
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 F _g	Super Compress. Factor, F _{pv}
1	11.0		57	.9931	1.2041	Neg 1
2.						
3.						
4.						
5.						
NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ X X X X X X X X Specific Gravity Flowing Fluid _____ X X X X X Critical Pressure _____ P.S.I.A. _____ P.S.I.A. Critical Temperature _____ R _____ R	
1.						
2.						
3.						
4.						
5.						
P _c 942 P _c ² 887364 NO. P _t ² P _w P _w ² P _c ² - P _w ²					(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.01$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.01$	
1		79	6241	881123		
2						
3						
4						
5						
AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 758$						
Absolute Open Flow 758				Mcf @ 15.025	Angle of Slope θ	Slope, n .85
Remarks:						
Approved By Commission: Conducted By: F.T. Chavez Calculated By: F.T. Chavez Checked By:						

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