

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 9-4-73			
Company Continental Oil Company						Connection Unconnected			
Pool South Blanco						Formation Pictured Cliffs			
Completion Date 9-4-73		Total Depth 3850' KB		Plug Back TD 3802' KB		Elevation 7200' GR		Farm or Lease Name AXI Apache "N"	
Csg. Size 4.5	Wt. 10.5	d 	Set At 3850	Perforations: From 3748' KB To 3798' KB				Well No. 9	
Tbg. Size 1.250	Wt. 2.4	d 1.380	Set At 3791' KB	Perforations: From To				Unit Sec. Twp. Rge. 0 11 25N 4W	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single						Packer Set At None		County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. °F 103°s 3761' GR		Mean Annual Temp. °F 		Baro. Press. - P _a 12.2		State New Mexico	
L 3779	H 3779	Gg .680	% CO ₂ 	% N ₂ 	% H ₂ S 	Prover 3/4"	Water Meter 	Nipple 	

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.	Temp. °F	
SI							954		954		S-I 7 Days
1.	Choke Nipple 3/4"			112		50	112	50	531	50	3 Hrs.
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	9.604		124.2	1.010	1.213	1.033	1510
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.	.494	510	1.400	.938	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ XXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXX .680
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 966.2	P _c ² 933.5	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.605$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.495$
NO.	P _r	P _w	P _w ²
1	15.426	593.2	351.9
2			
3			
4			
5			

Absolute Open Flow 2257 Mcfd @ 15.025		Angle of Slope @ _____ .85
Remarks: _____		

Approved By Commission:	Conducted By: E. B. Errett	Calculated By: E. B. Errett	Checked By:
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