

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 7-25-77						
Company Continental Oil Co.					Connection None						
Pool South Blanco					Formation Pictured Cliffs						
Completion Date 6-30-77			Total Depth 3905		Plug Back TD 3826		Elevation 7320		Farm or Lease Name AXI Apache "O"		
Csg. Size 2 7/8		Wt. 6.5		Set At 3886		Perforations: From 3766 To 3790		Well No. 14			
Tbg. Size		Wt.		Set At		Perforations: From To		Unit Sec. Twp. Rge. N 10 25N 4W			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single Gas							Packer Set At		County Rio Arriba		
Producing Thru Csg.		Reservoir Temp. °F 101 @ 3750		Mean Annual Temp. °F 50°		Baro. Press. - P _a 12.2		State N.M.			
L 3778		H 3778		G _g .69		% 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.		Temp. °F
SI									867	70°	
1.	3/4" choke nipple						16	60°	16	60	3hr.
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, F _{pv}	Rate of Flow Q, Mcfd
1	11.00		28	1.0	1.204		371
2.							
3.							
4.							
5.							

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

P _c 879	P _c ² 772641	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.002$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.001$
NO.	P _t ²	P _w	P _w ²
1		34	1144
2			
3			
4			
5			

Absolute Open Flow 371 _____ Mcfd @ 15.025		Angle of Slope @ _____ Slope, n .85	
Remarks:			

Approved By Commission:	Conducted By: F.T. Chavez	Calculated By: F.T. Chavez	Checked By:
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