

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

Form C-122
 Revised 9-1-65

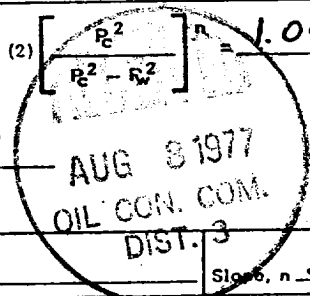
Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 7-19-77	
Company Continental Oil Co.				Connection None			
Pool Gonzales Mesa VERDE				Formation Mesa Verde		Unit	
Completion Date 7-21-77		Total Depth 5295		Plug Back TD 5253		Elevation 6624	
Farm or Lease Name AxI Apache "J"		Well No. 26					
Csg. Size 5 1/2	Wt. 15.5	d	Set At 5295	Perforations: From 5008 To 5212 OA		Unit Sec. Twp. Rye. B 6 25N 5W	
Tbg. Size 2 3/8	Wt. 4.7	d	Set At 5164	Perforations: From Dpen To Ended			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single Gas						Packer Set At	
Producing Thru Tbg						State N.M.	
Reservoir Temp. °F 125 @ 5100'		Mean Annual Temp. °F 50°		Baro. Press. - P _g 12.2			
L 5142	H 5142	Gg .70	% 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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
1.	7/8" choke nipple			98"		50°	1090	80	1096	80
2.							98"	50°	311	70°
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.	11.00		110	1.010	1.195	Negl.	1,460
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 _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

NO.	P _t ²	P _w ²	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.05$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.04$
1.		235	55340			
2.						
3.						
4.						
5.						

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1,518$				
Absolute Open Flow 1,518 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75				

Remarks:			
Approved By Commission:	Conducted By:	Calculated By: FTC	Checked By:

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