

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 7-26-77	
Company Continental Oil Co.			Connection None		
Pool Blanco			Formation Mesa Verde		Unit
Completion Date 7-7-77		Total Depth 6068		Plug Back TD 6036	
Elevation 7137		Farm or Lease Name AXI Apache "N"			
Csg. Size 5 1/2	Wt. 15.5	d	Set At 6053	Perforations: From 5778 To 5998	
Well No. 14					
Tbg. Size 2 7/8	Wt.	d	Set At 5930	Perforations: From Open 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 @ 5900		Mean Annual Temp. °F 50°		Baro. Press. - P _a 12.2	
L 5930	H 5930	Gg .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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI							1243	75°	1255	75°
1.	3/4" choke nipple			125	65°		125	65°	275	65°
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	11.00		137	.9952	1.204	Negl.	1806
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 1267	P _c ² 1605289	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.06$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.05$
NO.	P _t ²	P _w	P _w ²
1		305	92769
2			
3			
4			
5			

Absolute Open Flow <u>1,896</u> Mcfd @ 15.025		Angle of Slope θ _____	Slope, n <u>.75</u>
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Remarks: _____

Approved By Commission:	Conducted By: <u>F. T. Chavez</u>	Calculated By: <u>F. T. Chavez</u>	Checked By:
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NMOCC-AZTEC (2) - USGS-DURANGO (2) - BEA-FILE