

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 12-21-71			
Company Continental Oil company						Connection Unconnected			
Pool Blanco						Formation Mesaverde		Unit	
Completion Date 12-21-71		Total Depth 5268' RB		Plug Back TD 5234' RB		Elevation 6584' GRD 6596' RB		Farm or Lease Name AXI Apache "J"	
Csg. Size 5 1/2	Wt. 14#	d 5.012	Set At 5267' RB	Perforations: From 4944' To 4951'		Well No. 19			
Tbg. Size 2 3/8	Wt. 4.70	d 1.995	Set At 4894 RB	Perforations: From 5069' To 5074' From 5116' To 5128'		Unit Sec. Twp. Rge. D 6 25 5			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas-Gas Dual						Packer Set At 4894 RB		County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. °F 132° 5024' GR		Mean Annual Temp. °F 50°		Baro. Press. - P _a 12.2		State New Mexico	
L 4882' GRD	H 4882' GRD	G _g .680	% CO ₂ -----	% N ₂ -----	% H ₂ S -----	P _{XXXX} M _{XXXX} Taps Choke 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							1158		Packer	Set	S-I 168 hrs
1.	3/4" Choke Nipple			78		46	78				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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	9.604		90.2	1.014	1.170	1.010	1.038
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.	1369	.971			64,875	
2.					.49	Deq.
3.					.680	XXXXXXX
4.					.731	
5.					669	P.S.I.A. 668 P.S.I.A.
					385	R 401 R

NO.	P _c	P _w	P _r ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1	1170.2	1.369.4	8.136	30.719	1.0229	1.0171
2						
3						
4						
5						

Absolute Open Flow 1056 Mcfd @ 15.025				Angle of Slope @ _____		Slope, n .75	
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Remarks: **Estimated 2 Bbls. Oil in 3 hrs.**

Approved By Commission:	Conducted By: E.B. Errett	Calculated By: E.B. Errett	Checked By: J.A. Mazza
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