

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 3-31-77	
Company Continental Oil Co.		Connection None	
Pool South Blanco		Formation Pictured Cliffs	
Completion Date 1-24-77	Total Depth 6250	Plug Back TD 6095	Elevation 7289
Farm or Lease Name AXI Apache "U"		Well No. 11	
Csg. Size 5 1/2	Wt. d	Set At 6212	Perforations: From 3840 To 3848
Tbg. Size 1 1/4	Wt. d	Set At 3848	Perforations: From OE To
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Multiple P.C./M.V.		Packer Set At 5937	County Rio Arriba
Producing Thru T63	Reservoir Temp. °F 109 @ 3840	Mean Annual Temp. °F 50	Baro. Press. - P _a 12.2
L L	H H	G _g 1.65	% 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.	
SI							385	55	449	55
1.	3/4" Choke nipple			12			12		100	
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		24	1.005	1.240	NA	287
2.							
3.							
4.							
5.							

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

P _c 449	P _c ² 201601		
NO.	P _t ²	P _w	P _w ² P _c ² - P _w ²
1	144	92	8464 193107
2			
3			
4			
5			

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.044$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.037$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 298$$

Absolute Open Flow	298	Mcfd @ 15.025	Angle of Slope θ	Slope, n .85
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Remarks:

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