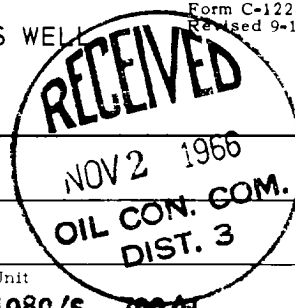


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 10-22-66	
Company Intermountain Petro. Corp.				Connection			
Pool South Blanco				Formation PC		Unit 1080/S 790/W	
Completion Date		Total Depth		Plug Back TD		Elevation	
Farm or Lease Name McKenzie Federal							
Csg. Size 4 1/2	Wt.	d	Set At PB 2608	Perforations: From 2559 To 2575		Well No. #1	
Tbg. Size 1"	Wt.	d	Set At 2558	Perforations: From 2552 To 2558		Unit Sec. Twp. Rge. M 25 25 6	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At No		County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a	
State							
L	H	Gg	% 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									827	
1.	2"			.625		50	545		642	
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, Fpv	Rate of Flow Q, Mcfd
1	8.337		66.5	1.0098	.9608	1.00	538
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	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 839	P _c ² 703.921		
NO.	P _t ²	P _w	P _w ²
1	427.716	654	427.716
2			
3			
4			
5			

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \frac{703.921}{276.205}$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{(2.5485)}{2.2147}$$

$$ACF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1792$$

Absolute Open Flow 1192 Mcfd @ 15.025	Angle of Slope θ _____	Slope, n .85
Remarks: _____		
Approved By Commission:	Conducted By: <i>W. B. Smith</i>	Calculated By: _____
		Checked By: _____