

RECEIVED

☒ Initial		☐ Annual		☐ Special		Date 12-13-73		DEC 17 1973	
Company Mobil Oil Corp.				Connection Llano Inc. & Transwestern P.L.C.					
Field South Cocksbad				Formation Canyon				Unit B. S. C.	
Completion Date 8-16-73		Total Depth 12,090		Plat Back TD 11,958		Elevation 3241 G.L.		Form or Lease Name Federal "LL"	
Casing Size 7"	Wt. 26 #/ft	Set At 6.276	Set At 12088	Perforations: From 10295 To 10306		Well No. #1			
Casing Size 2 3/8"	Wt. 4.7 #/ft	Set At 1.995	Set At 10206	Perforations: From To		Unit N		Soc. 13	Top. 235
Type Well - Single - Producers - G.G. or G.O. Multiple Gas - Gas				Packer Set At 10206		County Eddy			
Producing thru Tubing		Reservoir Temp. °F 150 - 12090		Mean Annual Temp. °F 60°		Baro. Press. - P _g 13.2		State New Mexico	
L 10206	R 10300	G _g 0.650	% CO ₂ 0.27	% N ₂ 0.57	% H ₂ S -	Prover -	Meter Run	Taps Flange	

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	Duration of Flow
1.							2880				48 hr
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{P_m P_R}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor Fpv	Rate of Flow Q, Mcfd
1.							
2.							
3.							
4.							
5.							

NO.	P _g	Temp. °R	G _g	Z	Gas Liquid Hydrocarbon Ratio	A.P.L. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1.										
2.										
3.										
4.										
5.										

NO.	P _g	P _w	P _g	P _w	(1) $\frac{P_g^2}{P_g^2 - P_w^2} =$	(2) $\left[\frac{P_g^2}{P_g^2 - P_w^2} \right]^n =$
1.						
2.						
3.						
4.						
5.						

NO.	P _g	P _w	P _g	P _w	ACF = C $\left[\frac{P_g^2}{P_g^2 - P_w^2} \right]^n =$
1.					
2.					
3.					
4.					
5.					

Absolute Open Flow	Mcfd @ 15.025	Angle of Slope @	Slope, n
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Remarks: Unable to 4-Point. Well produces at line pressure, approximately 600# and at a rate less than 500 mcf/d.

Approved By: Commission	Conducted By: [Signature]	Calculated By:	Checked By: [Signature]
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