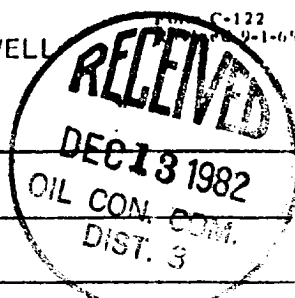


**NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 12/7/82	
Company UNION TEXAS PETROLEUM CORP				Connection Gas Company of New Mexico	
Pool Blanco				Formation Mesaverde	
Completion Date 10/11/82		Total Depth 8358		Plug Back TD 8329	
				Elevation 7262	
Farm or Lease Name Jicarilla "F"					
Cys. Size 7.625	Wt. 26.40	d 6.969	Set At 6512	Perforations: From 5522 To 6075	
5.500	15.50	4.950	6288-8333		
Tbg. Size 2.375	Wt. 4.70	d 1.995	Set At 6081	Perforations: From 6074 To 6080	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual - Gas - Gas				Packer Set At 6129	
Producing Thru Tubing		Reservoir Temp. °F 8		Baro. Press. - P _a 12	
				State New Mexico	
L 6064	H	G _g 0.650	% CO ₂	% N ₂	% H ₂ S
				Prove	
				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.	Temp. °F	
SI	2"		3/4"				1170		1190		14 Days
1.							120	60°	575		3 hours
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	12.3650		132	1.0000	0.9608	1.012	1587
2.							
3.							
4.							
5.							

NO.	P _f	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 1202	P _c ² 1,444,804			
NO.	P _w	P _w ²	P _c ² - P _w ²	
1	587	344,569	1,100,235	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.3132$
2				(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2266$
3				
4				
5				

Absolute Open Flow 1947		Mcf/d @ 15.025	Angle of Slope θ _____	Slope, n 0.75
Remarks: _____				

Approved By Commission	Conducted By Dan Darby	Calculated By Kenneth E. Roddy	Checked By:
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