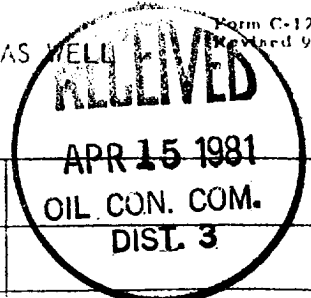


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLS



Type Test ☒ Initial ☐ Annual ☒ Special				Test Date 4-6-81	
Company Amoco Production Co.				Connection Southern Union Gas Co.	
Pool Basin				Formation Dakota	
Completion Date 3-16-81		Total Depth 2622		Elevation 5947	
Csg. Size 4,500		Set At 2622		Perforations: From 2230 To 2364	
Tbg. Size 2,375		Set At 2360		Perforations: From open To ended	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None	
Producing Thru tubing		Reservoir Temp. °F 8		Mean Annual Temp. °F	
L		H		Gg	
%		%		%	
%		%		%	
Prover		Meter Run		Taps	
County San Juan		State New Mexico			

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	15 days						712	715		
1.	2.375	.750					35	170		
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	12.365		47	1.000	.2253	1.005	541
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	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 727	P _c ² 523529	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0669$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0497$
NO.	P _w	P _w ²	P _c ² - P _w ²
1	152	33124	495405
2			
3			
4			
5			

Absolute Open Flow 568		Mcf @ 15.025	Angle of Slope θ	Slope, n 75
Remarks: Heavy to Med. Spray H ₂ O				
Approved By Commission		Conducted By JJB	Calculated By JJ Barnett	Checked By