

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☒ Special				Test Date 7-20-85	
Company Amoco Production Co.			Connection Northwest Pipeline		
Pool Basin			Formation Dakota		Unit
Completion Date 7-8-85		Total Depth 7677		Plug Back TD 7637	Elevation 6812 GR
Farm or Lease Name Jicarilla Contract					146
Csg. Size 4.500	Wt. 11.6	d 4.000	Set At 7677	Perforations: From 7285 To 7480	
Trq. Size 2.375	Wt. 4.7	d 1.995	Set At 7485	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 #		Mean Annual Temp. °F	
				Baro. Press. - P _a	
State New Mexico					
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	10 days						1760		2024	
1.	2.375	.750					108		439	
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		120	1.000	.9258	1.015	1394
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mc/ bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons	_____ Deg.
2.					Specific Gravity of Gas	XXXXXXX
3.					Specific Gravity of Liquid	XXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	°R

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1		451	203401	394189	1.0516	1.0385
2						
3						
4						
5						

Absolute Open Flow 1448 Mcfd @ 15.025				Angle of Slope θ _____		Slope, n .75	
Remarks: Would not flare, Lite oil, Med H2O							
Approved By Division		Conducted By: Joe Elldege		Calculated By: J.J. Barnett		Checked By: R	