

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 4/28/79	
Company Amoco Production Company				Connection 50% Uncommitted 50% to Northwest Pipeline Corporation			
Pool Basin				Formation Dakota			
Completion Date 4/18/79		Total Depth 7159		Plug Back TD 7115		Elevation 6687	
Farm or Lease Name Jicarilla Apache 35 D							
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 7159	Perforations: From 6946 To 6998		Well No. 1	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 7006	Perforations: From Open To Ended		Unit Sec. Twp. Rge. L 12 24N 5W	
Type Well - Single - Bradenhead - C.G. or G.O. Multiple Single				Packer Set At None		County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. °F 8		Mean Annual Temp. °F 8		Baro. Press. - P _a State New Mexico	
L	H	Gg .70	% 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						1900		1902	
1.	2.375		.750				83	60	435	3 Hrs.
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		95	1.000	.9258	1.010	1098
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 1914	P _c ² 3663396	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0577$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0430$
NO.	P _w	P _w ²	P _c ² - P _w ²
1	447	199809	3463587
2			
3			
4			
5			

AOIF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1145$

Absolute Open Flow 1145 Mcfd @ 15.025

Angle of Slope θ 75

Remarks: _____

Approved By Commission:	Conducted By: R. A. Connors	Calculated By: R. A. Connors	Checked By: B. E. Fackrell
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