

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

Form C-122
Revised 9-1-65

RECEIVED

Type Test ☒ Initial ☐ Annual ☒ Special				Test Date 9/24/84		OCT 19 1984	
Company Amoco Production Co.				Connection Northwest Pipeline			
Pool Blanco				Formation Mesa Verde			
Completion Date 9/6/84		Total Depth 5423		Plug Back TD 5378		Elevation 6624 GL	
Farm or Lease Name Jicarilla Contract 155							
Csq. Size 4.500	Wt. 11.6	d 4,000	Set At 5423	Perforations: From 5138 To 5316		Well No. 35	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 5328	Perforations: From open To ended		Unit L	Sec. Twp. Rge. 30 26 5
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County Rio Arriba	
Producing Thru tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a	
State NM							
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.	Temp. °F	
SI	15 days						907	1175			
1.	2.375		.750				232	565			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 F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		244	1.000	.9258	1.024	2860
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	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 1187 P _c ² 1408969						
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.3094$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2241$
1		577	332929	1076040		
2						
3						
4						
5						

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3501$			
Absolute Open Flow 3501 Mcfd @ 15.025		Angle of Slope @ _____ Slope, n 75	

Remarks: X Heavy Oil, Lite H₂O, was not flared.

Approved By Commission:	Conducted By: J. Barnett	Calculated By: J. Barnett	Checked By:
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