

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

Form C-122
 Revised 9-1965

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 12-17-79	
Company AMOCO PRODUCTION COMPANY				Connection NORTHWEST PIPELINE CO.			
Pool BASIN				Formation DAKOTA		Unit	
Completion Date 12-06-79		Total Depth 7524		Plug Back TD 7290		Elevation 6596 GL	
Farm or Lease Name JICARILLA GAS COM B		Well No. 1-E		Unit Sec. Twp. Rge. d 31 26 5		County RIO ARriba	
Csg. Size 4.500		Wt. 11.6		d 4.052		Set At 7524	
Thq. Size 2.375		Wt. 4.7		d 1.995		Set At 7279	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple SINGLE				Packer Set At NONE		State NEW MEXICO	
Producing Thru TUBING		Reservoir Temp. °F 6		Mean Annual Temp. °F 60		Baro. Press. - P _a	
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	
1	9 days						1880		2055		3 hrs
2	2375	.750					35		330		
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	.9258	1.009	543
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 2067		P _c ² 4272489	
NO.	P _f ²	P _w ²	P _c ² - P _w ²
1			
2			
3			
4			
5			

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0281$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 554$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right] = 1.0210$

554 **.75**

Absolute Open Flow _____ Mcfd @ 15.025 Angle of Slope _____ Slope, n _____

JAN 16 1980
OIL FIELD DIV
P.O. BOX 3

Remarks: _____

Approved By Commission	Conducted By JJB	Calculated By J J BARNETT	Checked By B. E. FACKRELL
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