

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

Form C-122
Revised 9-1-65

RECEIVED
JAN 15 1973
OIL CON. COM.
DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 12-28-71	
Company AMOCO PRODUCTION COMPANY				Connection Not Committed	
Pool Blanco				Formation Pictured Cliffs	
Completion Date 12-20-71		Total Depth 2569		Plug Back TD 2533	
				Elevation GL 5733, KB 5744	
Csg. Size 4.5		Wt. 10.5		Set At 4.052	
Perforations: From 2432 To 2462		Well No. 1			
Tbg. Size 2.375		Wt. 4.7		Set At 2368	
Perforations: From Open To Ended		Unit P		Sec. 13 Twp. 31N Rge. 11W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None	
Producing Thru Tubing				County San Juan	
Reservoir Temp. °F 90° @ TD		Mean Annual Temp. °F 60° Est.		Baro. Press. - P _a 12 psia	
State New Mexico					
L 2447	H 2447	Gg .650	% CO ₂	% N ₂	% H ₂ S
Prover		Meter Run		Taps	

FLOW DATA		TUBING DATA			CASING DATA		Duration of Flow			
NO.	XXXXXX Line Size	X	XXXXXX Size Choke	Press. p.s.i.g.	Diff. h _w	Temp. °F		Press. p.s.i.g.	Temp. °F	
SI	8 Days						929		929	
1.	2-Inch	.750		127			127	60° est.	570	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	12.3650		139	1.000	.9608	1.012	1671
2.							
3.							
4.							
5.							

NO.	P _t	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 941	P _c ² 885,481			(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{885,481}{546,757}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.5065$
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	
1		382	338,724	546,757	
2					
3					
4					
5					

Absolute Open Flow **2517** Mcfd @ 15.025 Angle of Slope Θ _____ Slope, n **.85**

Remarks: **CORRECTED COPY - CORRECTED TUBING SIZE**

Approved By Commission:	Conducted By: B. D. Dukas	Calculated By: J. A. Pope	Checked By: J. Arnold Snell
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