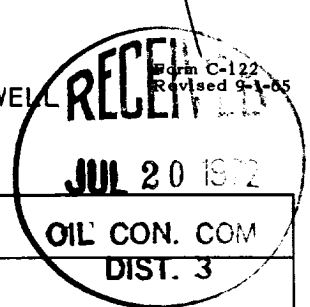


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL



Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 7-14-72		JUL 20 1972 OIL CON. COM DIST. 3	
Company AMOCO PRODUCTION COMPANY			Connection None					
Pool Blanco Pictured Cliffs			Formation Pictured Cliffs				Unit 	
Completion Date 7-7-72		Total Depth 2416		Plug Back TD 2370		Elevation 5735 GR		Farm or Lease Name W. D. Heath "B"
Csg. Size 4.500	Wt. 9.5	d 4.090	Set At 2409	Perforations: From 2301 To 2340		Well No. 5		
Tbg. Size 1.660	Wt. 2.33	d 1.300	Set At 2240	Perforations: From Open To Ended		Unit N	Sec. 31	Twp. 30N
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At None		County San Juan	
Producing Thru Tbg.		Reservoir Temp. °F 		Mean Annual Temp. °F Est. 60°		Baro. Press. - P _a 12 PSIA Est.		State New Mexico
L	H	Gg .630	% 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 Choke	Press. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI	7 Days						843		840	
1.	2"		.750	94			94	60° Est.	371	60° Est.
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	12.3650		106	1.000	.9608	1.000	1259
2.							
3.							
4.							
5.							

NO.	P _r	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 855	P _c ² 731,025			(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \mathbf{1.251}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \mathbf{1.315}$
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	
1		383	146,609	584,336	
2					
3					
4					
5					

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \mathbf{1656}$

Absolute Open Flow **1656** Mcfd @ 15.025

Angle of Slope ϕ **.85**

Slope, n _____

Remarks: _____

Approved By Commission:	Conducted By: B. D. Dukas	Calculated By: P. C. Ellison	Checked By: J. A. Snell
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