

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

Form C-122
Revised 9-1965

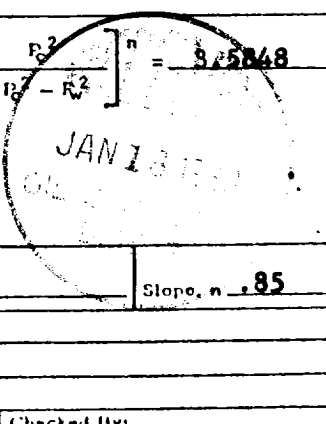
Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 01-02-80	
Company AMOCO PRODUCTION COMPANY				Connection SOUTHERN UNION GATHERING CO.		
Pool FULCHER KUTZ				Formation PICTURED CLIFF		Unit
Completion Date 12-11-79		Total Depth 2210		Plug Back TD 2165		Elevation 5830 GL
Csg. Size 4.500	Wt. 10.50	d 4.052	Set At 2209	Perforations: From 1958 To 2005		Well No. 8-2
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 2000	Perforations: From OPEN To ENDED		Unit Sec. Twp. Rye. 80 7 28 10
Type Well - Single - Bradenhead - G.C. or G.O. Multiple SINGLE					Packer Set At NONE	
Producing Thru TUBING		Reservoir Temp. °F a		Mean Annual Temp. °F		Baro. Press. - P _a
State NEW MEXICO						
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	12 days						152		157		3 hrs
1.	2.375	.750					38		137		
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	12365		50	1.000	.9608	1.006	598
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	

NO.	P _f	P _w	P _w ²	P _f ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1		149	22201	6360	4.4907	8.5848
2						
3						
4						
5						

$AOI = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ 2144				
Absolute Open Flow _____ Mcfd @ 15.025				
Angle of Slope θ _____				
Slope, n .85				
Remarks: _____				

Approved By Commission	Conducted By JJB	Calculated By J J J BARNETT	Checked By B E PACKRELL
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