

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

Form G-122
 Revised 9-15-55

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 07 22 80	
Company AMOCO PRODUCTION CO.				Connection SOUTHERN UNION GAS CO.		
Pool BASIN				Formation DAKOTA		Unit
Completion Date 06 05 80		Total Depth 6476		Plug Back TD 6426		Elevation 5806 GL
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6476	Perforations: From 6245 To 6392		Well No. 1E
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6374	Perforations: From open To ended		Unit Sec. Twp. Rge. I 27 28N 10W
Type Well - Single - Bradenhead - G.C. or G.O. Multiple SINGLE				Packer Set At NONE		County SAN JUAN
Producing Thru TUBING		Reservoir Temp. °F 6		Mean Annual Temp. °F		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	11 days						902		889		3 hrs
1.	2.375	.750					20		450		
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	12.365		32	1.000	.9258	1.004	368
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 _____ XXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 914	P _c ² 835396	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{\underline{1.0895}}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{\underline{1.0664}}$
NO.	P _f	P _w	P _w ²
1		262	68644
2.			
3.			
4.			
5.			

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{\underline{392}}$		Absolute Open Flow 392 Mcfd @ 15.025	Angle of Slope @ _____	Slope, n .75
Remarks: _____				

Approved By Commission	Conducted By JJB	Calculated By J J BARNETT	Checked By R. A. DOWNEY
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