

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

Form G-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 07 22 80	
Company AMOCO PRODUCTION CO.				Connection SOUTHERN UNION GAS COMPANY		
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		Set At 6476		Perforations: From 6245 To 6392
Tbg. Size 2.375		Wt. 4.7		Set At 6374		Perforations: From open To ended
Type Well - Single - Bradenhead - G.C. or G.O. Multiple SINGLE				Packer Set At NONE		Farm or Lease Name KUTZ DEEP GAS COM D
Producing Thru TUBING		Reservoir Temp. °F 8		Mean Annual Temp. °F		Baro. Press. - P _a
L		H		Gg		% CO ₂ % N ₂ % H ₂ S Prover Meter Run Taps
State NEW MEXICO				County SAN JUAN		

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		250		
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 _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 _____
3.					Specific Gravity Flowing Fluid _____
4.					Critical Pressure _____ P.S.I.A.
5.					Critical Temperature _____ °R

P _c 914 P _c ² 835396		(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0895$		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0664$	
NO.	P _w	P _w ²	P _c ² - P _w ²		
1	262	68644	766752		
2					
3					
4					
5					

Absolute Open Flow 392		Mcf @ 15.025		Angle of Slope θ _____		Slope, n .75	
Remarks:							
Approved By Commission		Conducted By JJB		Calculated By J J BARNETT		Checked By R A DOWNEY	