

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

Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 8/6/79	
Company AMOCO PRODUCTION CO.				Connection GAS COMPANY OF NEW MEXICO			
Pool UTE DOME				Formation DAKOTA		Unit	
Completion Date 6/30/79		Total Depth 3441		Plug Back TD 3220		Elevation 6813	
Farm or Lease Name MOUNTAIN UTE GAS COM J							
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 3441	Perforations: From 3114' To 3242'		Well No. NO. 1	
Tbg. Size 2375	Wt. 4.7	d 1.995	Set At 3171	Perforations: From OPEN To ENDED		Unit E	Sec. 25
Type Well - Single - Bradenhead - G.G. or G.O. Multiple SINGLE				Packer Set At NONE		County SAN JUAN	
Producing Thru TUBING		Reservoir Temp. °F @		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.	
1	8 DAYS						604		650	
2	2375		750				121	60	348	
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		133	1.000	.9608	1.015	1604
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 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 662	P _c ² 438244	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.4199$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.3007$
NO	P _t ²	P _w	P _w ²
1			
2			
3			
4			
5			

Absolute Open Flow 2086 Mcfd @ 15.025		Angle of Slope θ _____
Remarks: _____		

Approved By Commission:	Conducted By: RAC	Calculated By: RAC	Checked By:
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