

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 3/23/81			
Company Amoco Production Company				Connection Southern Union Gas Company					
Pool Ute Dome				Formation Dakota				Unit	
Completion Date 03/02/81		Total Depth 3403		Plug Back TD 3359		Elevation 6879		Farm or Lease Name Ute Indians "A"	
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 3403	Perforations: From 3132 To 3236		Well No. 19			
Tub. Size 2.375	Wt. 4.7	d 1.995	Set At 3241	Perforations: From open To ended		Unit 0	Sec. 26	Twp. 32N	Rge. 14W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple single						Packer Set At None		County San Juan	
Producing Thru tubing		Reservoir Temp. *F ø		Mean Annual Temp. *F		Baro. Press. - P _a		State New Mexico	
L	H	Gg	% CO ₂	% H 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.	
SI	14 days						662		662	
1.	2.375		.750				182		380	
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS						
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Rate of Flow Q, Mcfd
1	12.365		194	1.000	.9258	2270
2.						
3.						
4.						
5.						

NO.	P _t	Temp. *R	T _i	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 _c	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.5112$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.3630$
1	674	392	153664	300612		
2						
3						
4						
5						

Absolute Open Flow 3094 _____ Mcfd @ 15.025				Angle of Slope ø _____		Slope, n .75	
Remarks: flowed dry							
Approved By Commission:		Conducted By: JJB		Calculated By: J. J. BARNETT		Checked By:	