

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 3/8/78	
Company Amoco Production Company			Connection El Paso Natural Gas Company		
Pool Ute Dome			Formation Paradox		Unit
Completion Date 2/25/78		Total Depth 8272		Plug Back TD 8208	Elevation 5809
Farm or Lease Name Ute Mountain Gas Com M					
Chg. Size 5.500	Wt. 15.5	d 1.995	Set At 8272	Perforations: From 8148 To 7357	
Well No. 1					
Thg. Size 2.375	Wt. 4.7	d 1.995	Set At 8093	Perforations: From Open To Ended	
Unit Sec. Twp. Rge. F 11 31 14					
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At 7312	
Producing Thru Tubing		Reservoir Temp. °F 8		Baro. Press. - P _a New Mexico	
L H		Gg .85	% 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						2882		1165	Phx	
1.	2.375		0.750				1430	.60	1165	Phx	3 hrs.
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		1462	1.000	.8402	1.165	17695
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
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 _r	P _w	P _w ²	P _c 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						
2						
3						
4						
5						

Absolute Open Flow _____ Mcfd @ 15.025

Angle of Slope @ _____

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MAR 31 1978

OIL CON. COM.

DIST. 3

Remarks: **AOI Calculation Not Possible Due to Critical Flow**

Approved By Commission	Conducted By: T. M. Oliver	Calculated By: TMO/	Checked By: J. L. Krupka
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