

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

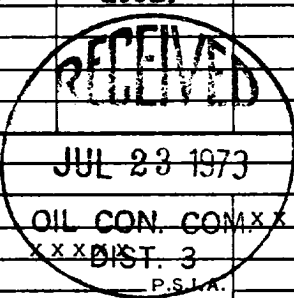
Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 7-1-73			
Company AMOCO PRODUCTION COMPANY				Connection None					
Pool Uta Dome				Formation Dakota				Unit	
Completion Date 6-23-73		Total Depth 3250		Plug Back TD 3206		Elevation 6628 GL		Farm or Lease Name Mt. Uta Gas Com "G"	
Csg. Size 5.500"	Wt. 14#	d 3.012	Set At 3244'	Perforations: From 3002' To 3108'		Well No. 1			
Tbg. Size 2.375"	Wt. 4.7#	d 1.995	Set At 3091'	Perforations: From Open To Ended		Unit Sec. Twp. Rge. G 25-32N-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 @		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	Gg .685	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Line Size	X	Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI	8 days						714		714	
1.	2"		0.750				148	60° est.	359	60° est.
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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		160	600	.9359	1.017	1889
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	OIL CON. COM. X X X X X X X X
3					Specific Gravity Flowing Fluid	X X X X X X X X
4					Critical Pressure	P.S.I.A.
5					Critical Temperature	R



P _c 726	P _c ² 527,076	
NO.	P _t ²	P _w ²
1	371	137641
2		
3		
4		
5		

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.3534}$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{2363}$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.2548}$$

Absolute Open Flow 2363	Mcf/d @ 15.025	Angle of Slope °	Slope, n .75
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Remarks:			
Approved By Commission:	Conducted By: J. F. Ellledge	Calculated By: J. A. Pope	Checked By: J. F. Ellledge Original Signed by