

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 8/2/78			
Company Mesa Petroleum Co.				Connection El Paso Natural Gas Company					
Pool Blanco				Formation Pictured Cliffs				Unit	
Completion Date 7/18/78		Total Depth 5693		Plug Back TD 5630		Elevation 6271 GR		Farm or Lease Name Suter	
Csg. Size 4 1/2	Wt. 10.5	d 5692	Set At 5692	Perforations: From 3026 To 3050		Well No. 1A			
Tbg. Size 1 1/4	Wt.	d 3042	Set At 3042	Perforations: From To		Unit C 13 32N 11W			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual Gas						Packer Set At None		County San Juan	
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F 66		Baro. Press. - P _a		State NM	
L	H	Gg .670	% 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.	
SI	2"		.75" Pitot Tube				1267		1267	
1.							0		414	4 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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	Based on NMOCC Manual for Pitot Tube Testing Procedures.						
2.							
3.							
4.							
5.							

NO.	P _t	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 .670 XXXXXXXXXX
3.					Specific Gravity Flowing Fluid XXXXX
4.					Critical Pressure _____ P.S.I.A. P.S.I.A.
5.					Critical Temperature _____ R R

NO.	P _t ²	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						

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

AUG 2 1978
OIL CON. DIV.
DOW. 3

Absolute Open Flow ** Mcfd @ 15.025		Angle of Slope θ Slope, n	
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Remarks: ** Well is logged off, will not test. Will test this zone again at a later date.

Approved By Commission:	Conducted By: Mesa Petroleum Co.	Calculated By: Bill Toler	Checked By: C. R. Wagner (EPNG)
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