

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			Well No.		
Csg. Size 4 1/2	Wt. 10.5	d	Set At 5692	Perforations: From 3026 To 3050	
Tbg. Size 1 1/4	Wt.	d	Set At 3042	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual Gas				Packer Set At None	
Producing Thru Tbg.		Reservoir Temp. °F a		Mean Annual Temp. °F 66	
Baro. Press. - P _a		State NM		County San Juan	
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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	Based on NMOCC Manual for Pitot Tube Testing Procedures.						
2.							
3.				.9943	.9463		**
4.							
5.							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas .670 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 _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						

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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