

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				
Company Mesa Petroleum Co.				Connection El Paso Natural Gas					
Pool Blanco				Formation Pictured Cliffs				Unit	
Completion Date 5/9/78		Total Depth 5591'		Plug Back TD 5525'		Elevation 6383' GL		Farm or Lease Name State Com S	
Csg. Size 7"	Wt. 20#	d 	Set At 3227'	Perforations: From 2962' To 2968'		Well No. 15A			
Tbg. Size 2 1/16	Wt. 	d 	Set At 2834'	Perforations: From To		Unit Sec. Twp. Rge. D 36 32N 12W			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Multiple					Packer Set At 2836		County San Juan		
Producing Thru Tubing		Reservoir Temp. °F 60 degree		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	G _g	% CO ₂	% N ₂	% H ₂ S	Prover		Meter Run	Taps
.67									

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							935			
1.	2"		.75"	Pitot Tube	60 Degree	91			33	
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 Pitot Tube Testing Procedures						
2.							
3.				1.000	.9463	1.004	529
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 .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	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0093$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0079$
1						
2						
3						
4						
5						

Absolute Open Flow 533 Mcfd @ 15.025		Angle of Slope @ .85
Remarks:		
Approved By Commission:	Conducted By: Mesa Petroleum Co.	Calculated By: Dave Green
		Checked By: C. R. Wagner

