

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 10-21-80	
Company Consolidated Oil & Gas Inc				Connection El Paso Natural Gas			
Pool Blanco				Formation Mesa Verde		Unit	
Completion Date 10-7-80		Total Depth 6888		Plug Back TD 6853		Elevation 5779 KB	
Farm or Lease Name Starr		Well No. # 1M					
Csg. Size 5.500	Wt. 15.5	d 4.950	Set At 6888	Perforations: From 4438 To 4606		Unit Sec. Twp. Hgt. C 13 31 13	
Tbg. Size 1.660	Wt. 2.4	d 1.380	Set At 4456	Perforations: From To		County San Juan	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple G G Dual				Packer Set At 5100		State New Mexico	
Producing Thru Tbg.		Reservoir Temp. °F 8		Mean Annual Temp. °F 12		Baro. Press. - P _a 12	
L	H	G _g .660	% 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							1000		1000		
1.		.750		20		60	20		860		3hr
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		32	1.000	.9535	1.004	379
2.							
3.							
4.							
5.							

NO.	P _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ XXX XXX XXX XX
3.					Specific Gravity Flowing Fluid _____ XXX XX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

NO.	P _f	P _w	P _w ²	P _f ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{1024144}{263760}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.7661$
1		872	760384			
2						
3						
4						
5						

Absolute Open Flow <u>1048</u> Mcfd @ 15.025		Angle of Slope θ _____	Slope, n <u>.75</u>
Remarks: _____			
Approved By Commission	Conducted By Sonny Wilson	Calculated By Sonny Wilson	Checked By