

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 8-12-77	
Company CONSOLIDATED OIL & GAS CO.				Connection			
Pool MESA VERDE				Formation MESA VERDE		Unit	
Completion Date		Total Depth		Plug Back TD 6078		Elevation 6967 KB	
Farm or Lease Name TRIBAL C							
Csg. Size 70/4.5	Wt. d	Set At 5915/6115	Perforations: From 5844 To 6060		Well No. 2-A		
Tbg. Size 1.5	Wt. d	Set At 5912	Perforations: From To		Unit Sec. Twp. Rge. L 6 26 3		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple SINGLE GAS				Packer Set At		County RIO ARriba	
Producing Thru Csg.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12.0	
State NEW MEXICO							
L	H	Gg .650	% CO ₂	% N ₂	% H ₂ S	Prover X	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	7 DAYS						1150		1150		
1.	2 X 3/4						292		298	58	3490.
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	9.453		260	1.002	1.240	1.028	3141
2.							
3.							
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 _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 1162	P _c ² 1350244	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0734$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0545$
NO.	P _t ²	P _w	P _w ²
1	304		92416 1257828
2			
3			
4			
5			

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3312$

RECEIVED
 AUG 18 1977
 OIL CON. COM.
 DIST. 3

Absolute Open Flow	3312	Mcf/d @ 15.025	Angle of Slope θ	7.25
Remarks:				
Approved By Commission:	Conducted By: ROD GRIMES	Calculated By: NEIL TEFTELLER	Checked By:	

