

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Test ☒ Initial ☐ Annual ☐ Special					Test Date 12-13-79	
Company Consolidated Oil & Gas, Inc.				Connection		
Basin Dakota				Formation Dakota		Unit
Completion Date		Total Depth 7513		Elevation		Farm or Lease Name NCRA
Casing Size 5.5	Wt. 	d 	Set At 7513	Perforations: From 7354 To 7493		Well No. 1-E
Tub. Size 1.5	Wt. 	d 	Set At 7453	Perforations: From To		Unit Sec. Twp. Rge. G 22 26 7
Type Well - Single - Bradenhead - G.G. or G.O. Multiple				Packer Set At 7240		County Rio Arriba
Producing Thru Tubing		Reservoir Temp. °F 		Mean Annual Temp. °F 		State New Mexico
L	H	Gg .650	% CO ₂	% N ₂	% H ₂ S	Prover 6" Nipple
FLOW DATA			TUBING DATA		CASING DATA	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. °F
1.	7 days					
2.	2" X 3/4"					
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
1.	11.00		66	1.000	1.240	1.000
2.						
3.						
4.						
5.						
NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ X X X X X X X X Specific Gravity Flowing Fluid _____ X X X X X Critical Pressure _____ P.S.I.A. _____ P.S.I.A. Critical Temperature _____ R _____ R	
1.	2112					
2.	P _c ² 4460544					
3.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0021$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0015$	
4.	4356	96	9200	4451344		
5.					ADP = $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 901$	
Rate Open Flow 901 Mcfd @ 15.025 Angle of Slope 63.13° 750						
Remarks:						
Approved By Commission:		Conducted By: Tefteller, Inc.		Calculated By: Neil Tefteller		Checked By:

