

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 10-1-78

RECEIVED

R. S. WELL

MAR 06 1985

OIL CON. DIV.

UNIT 3

Type Test		☒ Initial		☐ Annual		☐ Special		Test Date		2-15-85		MAR 06 1985		OIL CON. DIV.		DIST. 3			
Company						Connection						Unit							
Consolidated Oil & Gas, Inc.						Gas Co. of New Mexico													
Pool						Formation						Well No.							
Blanco Mesa Verde						Mesa Verde													
Completion Date				Total Depth				Plug Back TD				Elevation				Farm or Lease Name			
0-23-84				6765				6721				6106GR				CANDADO			
Csg. Size		Wt.		d		Set At		Perforations		From		To		Well No.					
5.500		15.5		4.950		6765		4484		4698				1E					
Tbg. Size		Wt.		d		Set At		Perforations		From		To		Unit		Sec. Twp. Rge.			
2.063		3.25		1.751		4631								J 15 26N 7W					
Type Well - Single - Brodenhead - G.G. or G.O. Multiple								Packer Set At				County							
Dual Gas								4740				Rio Arriba							
Producing Thru Casing				Reservoir Temp. °F				Mean Annual Temp. °F				Baro. Press. - P _a				State			
																New Mexico			
L		H		Gg		% CO ₂		% N ₂		% H ₂ S		Prover		Meter Run		Taps			
				.650est								CFP							
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	Press. p.s.i.g.	Temp. °F							
SI	2-7-85 (8 days)						Rods &		931										
1.	2x3/4 CFP						pump		20				3 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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd												
1	9.453		24	.9850	1.240	1.000	277												
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 _____ XXXXX														
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.														
5.					Critical Temperature _____ R _____ R														
P _c 943 P _c ² 889249																			
NO	P _t ²	P _w	R _w ²	P _c ² - R _w ²	(1) $\frac{P_c^2}{P_c^2 - R_w^2} = 1.0016$														
1			1430	887819	(2) $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 1.0012$														
2																			
3																			
4																			
5																			
Absolute Open Flow					277 Mcfd @ 15.025					Angle of Slope @ _____ Slope, n _____									
Remarks: Pump & rods set @ 4590'																			
Approved By Division					Conducted By:					Calculated By:					Checked By: br				