

OIL CONSERVATION DIVISION

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 WELLS

RECEIVED

JUN 24 1985

OIL CON. DIV.
DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 5-7-85	
Company Consolidated Oil & Gas, Inc.		Connection Northwest Pipeline	
Pool Basin Dakota		Formation Dakota	
Completion Date 12-12-84		Total Depth 8390'	Plug Back TD 8345'
		Elevation 7077' GR	Farm or Lease Name CHAMPLIN
Csg. Size 5-1/2"	Wt. 15.5#	d 4.950	Set At 8390'
Perforations: From 8110' To 8306'		Well No. 4-E	
Tbg. Size 1.900	Wt. 2.9#	d 1.610	Set At 8149'
Perforations: From To		Unit B	Sec. 35
		Twp. 27N	Rge. 4W
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Dual Gas		Packer Set At 7814'	County Rio Arriba
Producing thru Tbg.	Reservoir Temp. °F #	Mean Annual Temp. °F	Baro. Press. - P _g
State New Mexico			
L	H	Gg	% CO ₂
		% N ₂	% H ₂ S
Prover 6" Meter Run Hos Choke Nipple		Taps	
SI 4-19-84		FLOW DATA	
TUBING DATA		CASING DATA	
NO.	Prover Line Size	X	Orifice Size
SI	11 days		
1.	2" x 3/4"		
2.			
3.			
4.			
5.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m
1	11.00		124
2.			
3.			
4.			
5.			
NO.	P _g	Temp. °R	T _g
1.			
2.			
3.			
4.			
5.			
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 X	
Specific Gravity Flowing Fluid		X X X X X	
Critical Pressure _____ P.S.I.A.		P.S.I.A.	
Critical Temperature _____ R		R	
$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.0991 \quad (2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0734$			
NO.	P _g	P _w	P _c
1	551	303601	306362
2			
3			
4			
5			
$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1837$			
Absolute Open Flow 1837		Mcf @ 15.025	
Angle of Slope @		Slope, n .75	
Remarks: Producing through production unit.			
Approved By Division		Conducted By Rick Baird	Calculated By Neil Tefteller
			Checked By KE