

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 6-18-84	
Company Consolidated Oil & Gas, Inc.		Connection El Paso Natural Gas Co.	
Pool Blanco Mesa Verde		Formation Mesa Verde	
Completion Date		Total Depth 4750'	Plug Back TD 4711' (FC)
		Elevation 5728' KB	Form or Lease Name CLAYTON
Csg. Size 4-1/2"	Wt. 10.5#	d 4.052	Set At 4750'
Perforations: From 4390' To 4650'		Well No. 2A	
Tbg. Size 1-1/2"	Wt. 2.9#	d 1.610	Set At 4657'
Perforations: From To		Unit P 2 30N 12W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At none	County San Juan
Producing Thru Tubing	Reservoir Temp. °F #	Mean Annual Temp. °F	Baro. Press. - P _a 12.0
State New Mexico			
L	H	G _g .650	% CO ₂
		% N ₂	% H ₂ S
Prover 6" pos choke nipple		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.	
SI	SI 8 days						833		1021	
1.	2"X6"X3/4" pos ck						229		838	3 hours
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _L	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	11		241	1.000	1.240	1.024	3366.1
2.							
3.							
4.							
5.							

NO.	P _t	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 _____ 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 1033	P _c ² 1067.1	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 3.0966$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.3343$
NO.	P _t ²	P _w	P _w ²
1		850	722.5
2			
3			
4			
5			

Absolute Open Flow 7857.5		Mcfd @ 15.025	Angle of Slope @	Slope, n
Remarks:				
Approved By Division				
Conducted By: Tefteller, Inc.		Calculated By:		Checked By: