

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

Form O 22
Revised 6-1-65

Type Test: ☒ Initial ☐ Annual ☐ Special		Test Date: 8-21-76	
Company: Caulkins Oil Company		Connection:	
Pool: South Blanco		Formation: Pictured Cliffs	
Completion Date: 8-14-76	Total Depth: 3670	Flow Back TD: 3660	Elevation: 6534
Well No.: 332		Name or Lease Name: Breech	
Case Size: 4 1/2"	Wt.: 10.5	d: 4.000	Set At: 3660
Perforations: From 2702 To 2742			
Tubg. Size: 1"	Wt.: 1.7	d: 1.049	Set At: 2700
Perforations: From 2700 To			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple		County: Rio Arriba	
Producing Thru: Tubing		State: New Mexico	
Reservoir Temp. °F: GG Dual		Mean Annual Temp. °F: 2768	
Meter Run: 782		Taps:	
L	H	Gg	% CO ₂

FLOW DATA						TUBING DATA		CASING DATA		Duration Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
1.		7 Days					770		770	
2.							50		515	
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	14.1605		62	1.000	1.000	1.000	878
2							
3							
4							
5							

NO.	P _r	Temp. °F	Oil. CON. COM. DIST. 3	Gas Liquid Hydrocarbon Ratio	M. 1/bbl.
				A.P.I. Gravity of Liquid Hydrocarbons	Deg.
				Specific Gravity Separator Gas	XXXXXX XX
				Specific Gravity Flowing Fluid	XXXXXX
				Critical Pressure	P.S.I.A.
				Critical Temperature	R

F _c 782	P _c ² 611,524	(1) $\frac{P_c^2}{P_r^2 - P_w^2} = 1.83$	$\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.6713$
NO.	F _L ²	P _w	P _w ²
1		527	277,729
2			
3			
4			
5			

Absolute Open Flow: 1467		Mcf/d @ 14.7 psia	Angle of Slope @ 85	Slope, n
Remarks:				
Approved By Commission:	Conducted By:	Calculated By:	Checked By:	