

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

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 8-26-75	
Company Caulkins Oil Company				Connection	
Pool South Blanco				Formation Pictured Cliffs	
Completion Date 8-14-75		Total Depth 3363		Plug Back TD 3363	
				Elevation 6666	
Farm or Lease Name Breech "F"				Well No. 48	
Csg. Size 4 1/2"	Wt. 10.5	d 4052	Set At 3363	Perforations: From 3230 To 3286	
Tbg. Size 1"	Wt. 1.7	d 1.049	Set At 3135	Perforations: From None To 	
Type Well -- Single -- Bradenhead -- G.C. or G.O. Multiple Single Gas				Packer Set At None	
Producing Thru Tubing		Reservoir Temp. °F @		Baro. Press. - P _a 	
				County Rio Arriba	
				State New Mexico	
L	H	G _g	% CO ₂	% N ₂	% H ₂ S
Prover					
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	7	Days					1068		1069	
1.							71		812	
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	14,1605		83	1.000	1.000	1.000	1175
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	X X X X X X X X
3.					Specific Gravity Flowing Fluid	X X X X X
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1		824	678,976	489,585
2				
3				
4				
5				

P_c **1081** P_c² **1,168,561**

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{2.39}$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{2.0971}$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{2,464}$

RECEIVED

SEP 4 1975

OIL CON. COM.

DIST 3

Checked By: _____

Absolute Open Flow	Mcf/d @ 15.025	Angle of Slope θ	Slope, n 85
Remarks: _____			
Approved By Commission:	Conducted By:	Calculated By:	Checked By: