

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 6-23-76	
Company Caulkins Oil Company		Connection	
Pool South Blanco		Formation Pictured Cliffs	
Completion Date 6-12-76	Total Depth 3252	Plug Back TD 3252	Elevation 6576
Form or Lease Name State "A"			Well No. 75
Csg. Size 4 1/2	Wt. 10.5	d 4.052	Set At 3252
Perforations: From 3116 To 3178			
Thq. Size 1 1/2	Wt. 2.3	d 1.380	Set At 3088
Perforations: From 3088 To			
Type Well - Single - Bradenhead - G.C. or G.O. Multiple G.G. Dual		Packer Set At 3088	County Rio Arriba
Producing Thru Tubing	Reservoir Temp. °F 8	Mean Annual Temp. °F	Baro. Press. - P _a New Mexico
L	H	Gg	% 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.	Temp. °F	
1	7 Days						1160		PKR		3 hrs.
2							23		PKR		
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		35	1.000	1.000	1.000	495
2							
3							
4							
5							

NO.	P _r	Temp. °R	T _r	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. _____ P.S.I.A.
5					Critical Temperature _____ R _____ R

P _c 1172	P _c ² 1,373,584				
NO.	P _r ²	P _w ²	P _r ² - P _w ²	(1) $\frac{P_c^2}{P_r^2 - P_w^2} = 1.02$	(2) $\left[\frac{P_c^2}{P_r^2 - P_w^2} \right]^n = 504$
1	1,225	147	21,709	1,351,875	
2					
3					
4					
5					

Absolute Open Flow 504 Mcfd @ 15.625		Angle of Slope θ	Slope, n 85
Remarks:			
Approved by Commission:	Conducted By:	Calculated By:	Checked By: