

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 8-31-82	
Company SHERMAN F. WAGENSELLER		Connection EPNG	
Pool South Blanco		Formation Pictured Cliffs	
Completion Date 8-25-82	Total Depth 3200	Plug Back TD 3160	Elevation 7305 Gr.
Csg. Size 4 1/2	Wt. 10.5	d 4.052	Set At 3192
Thq. Size 2 3/8	Wt. 4.7	d 1.995	Set At 3109
Perforations: From 3100 To 3109		Well No. 17	
Perforations: From To		Unit Sec. Twp. Rge. N 12 23 3	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple single		Packer Set At	
Producing Thru Thg		Baro. Press. - P _a	
Reservoir Temp. *F @		Mean Annual Temp. *F	
County R A		State N. M.	
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.		Temp. *F
SI							912		912		sip
1.		.750		191		60			346		3 hrs
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	12.3650		203	1.000	.9608	1.020	2460
2.							
3.							
4.							
5.							

NO.	P _f	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 .850
3.					Specific Gravity Flowing Fluid X X X X X
4.					Critical Pressure _____ P.S.I.A.
5.					Critical Temperature _____ R

P _c 924	P _c ² 853776	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1766$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1483$
NO.	P _f ²	P _w	P _w ²
1		358	128164
2			
3			
4			
5			

Absolute Open Flow 2825 Mcfd @ 15.025		Angle of Slope @ _____	Slope, n .85
Remarks: Well was tested thru 3/4" T. C. choke well blew dry gas through out test			
Approved By Commission:	Conducted By: <i>C.R. Wagner</i>	Calculated By: <i>C.R. Wagner</i>	Checked By: <i>[Signature]</i>