

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 10-1-68	
Company Aptec Oil and Gas Company			Connection Southern U. of Gathering		
Well Blanco			Formation Chlorine		Unit
Completion Date 9-24-68		Total Depth 6690	Flow Rate TD 5510	Elevation 5992 Cr	Farm or Lease Name East
Line Size 2"	Wt. d	Set At 6690	Perforations From 4750 To 4850	Well No. 9	
Tag Size 2-3/8	Wt. d	Set At 1784	From open ended To	Unit N	Sec. Twp. Rge. 25 31N 12W
Type Well - Single - Bradenhead - G.C. or G.O. Multiple single				County San Juan	
Producing Thru tubing		Reservoir Temp. °F 9	Mean Annual Temp. °F	Baro. Press. - P _a	State New Mexico
L	H	G _g	% CO 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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	2"		3/4"				765		785		
1.							261		517		3 hr
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _a	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mscf
1	12.365		275	1.000	.9256	1.031	3223
2							
3							
4							
5							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1					M.P.L. Gravity of Liquid Hydrocarbons	Deg.
2					Specific Gravity Separator	XXXXXXX
3					Specific Gravity Flowing Fluid	XXXXX
4					Test Pressure	P.S.I.A.
5					Oil Temp. °F	P.S.I.A.

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OCT 10 1968
OIL CON. COM.
DIST 3

NO.	P_r^2	P_w^2	$P_r^2 - P_w^2$	$\frac{P_r^2}{P_r^2 - P_w^2}$	$\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n$
1	603	213.12	390	1.525	1.3557
2					
3					
4					
5					

Absolute Open Flow	4369	Mscf @ 15.025	Angle of Slope @	Slope, n .75
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Remarks:

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
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