

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 9-26-68	
Company Aztec Oil and Gas Company				Connection Southern Union Gathering		
Pool Blanco				Formation Mesaverde		Unit
Completion Date 9-16-68		Total Depth 7130		Plug Back TD 7109		Elevation 5943 Gr
Farm or Lease Name Oliver		Well No.				
Csg. Size 4 1/2"	Wt. d	Set At 7130	Perforations: From 4730 To 4815			Well No.
Tbg. Size 2-3/8	Wt. d	Set At 6820	Perforations: From open ended To			Unit Sec. Twp. Rge. A 25 31N 12W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single GG Dual				Packer Set At 6820		County San Juan
Producing Thru casing		Reservoir Temp. °F a		Mean Annual Temp. °F		Baro. Press. - P _a
State 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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
1	2"		3/4"				880		974		
2							882		497		3 hr
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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		509	1.000	.9258	1.061	6.184
2							
3							
4							
5							

NO.	P _t	Temp. °F	OCT 10 1968	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1			OIL CON. COM.	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2			DIST. 3	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 986	P _c ² 972,196	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.3594$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2590$
NO.	P _t ²	P _w	P _w ²
1	257,081		715,115
2			
3			
4			
5			

Absolute Open Flow 7,786 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .75
Remarks: _____			
Approved By Commission:	Conducted By:	Calculated By: <i>Joe C. Ballman</i>	Checked By: