

**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 5-21-69	
Company Aztec Oil and Gas Company			Connection Southern Union Gathering		
Pool Basin			Formation Dakota		Unit
Completion Date 5-15-69		Total Depth 7270	Plug Back TD 7265	Elevation	Form or Lease Name Hubbard
Csg. Size 4 1/2	Wt. 10.5	d 4.052	Set At 7270	Perforations: From 7108 To 7232	Well No. 4
Thg. Size 1.990	Wt. 2.75	d 1.610	Set At 7090	Perforations: From open ended To	Unit Sec. Twp. Rge. M 15 32 12
Type Well - Single - Bradenhead - G.G. or G.O. Multiple GG Dual				Packer Set At 7090	County San Juan
Producing Thru		Reservoir Temp. °F @	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. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI	2		3/4				1709			
1.							153			
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 Fg	Super Compress. Factor Fpv	Rate of Flow Q, Mcfd
1	12,365		165	1.000	.9258	1.020	1927
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 _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 1721	P _c ² 2961841	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1263$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0932$
NO	P _t ²	P _w	P _w ²
1	27225		332053
2			2629788
3			
4			
5			

Absolute Open Flow 2106 Mcfd @ 15.025		Angle of Slope @	Slope
Remarks:			

Approved By Commission:	Conducted By:	Calculated By: <i>W. E. Salmon</i>	Checked By:
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