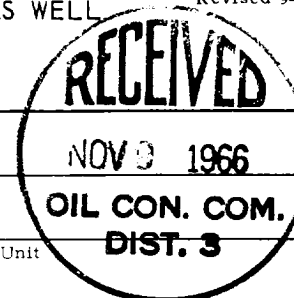


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 10/28/66	
Company Aztec Oil and Gas				Connection Southern Union Gas		
Pool Fulcher Kurtz				Formation Pictured Cliffs		Unit Summit Viles B
Completion Date 10/21/66		Total Depth 1618		Plug Back TD 1587		Elevation
Csg. Size 2-7/8	Wt. 6.5	d 2.441	Set At 1587	Perforations: From 1548 To 1570		Well No. 1-B 6
Tbg. Size 1	Wt. 1.90	d 1.049	Set At 1563	Perforations: From 1545 To 1555		Unit Sec. Twp. Rge. P 29 29N 11W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple single - gas					Packer Set At	
Producing Thru tubing		Reservoir Temp. °F 6		Mean Annual Temp. °F		Baro. Press. - P _a
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	2"		3/4"		7 days		206		206		
1.							20	60(est)	110	60(est)	3 hr
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	12.365		20	1.000	.9258	1.002	229
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
1.					Specific Gravity Separator Gas _____	X X X X X X X X
2.					Specific Gravity Flowing Fluid _____	X X X X X
3.					Critical Pressure _____ P.S.I.A.	_____ P.S.I.A.
4.					Critical Temperature _____ R	_____ R
5.						

NO.	P _t ²	P _w ²	P _c ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1	218	47,524			1.342	1.284
2						
3						
4						
5						

ACF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ **294**

Absolute Open Flow 294 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .75
Remarks: _____			
Approved By Commission:	Conducted By:	Calculated By: Original Signed By Carl E. Jamison	Checked By: