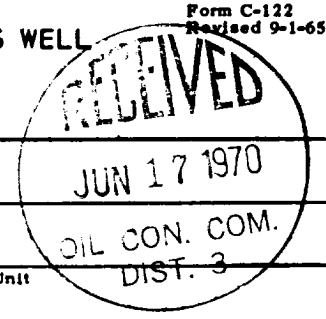


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 6-6-70	
Company Aztec Oil & Gas Company			Connection Southern Union Gathering		
Pool Undesignated			Formation Pictured Cliffs		Unit
Completion Date 5-31-70		Total Depth 2494	Plug Back TD 2494	Elevation 5725 Gr	Farm or Lease Name Turner
Csg. Size 4 1/2"	Wt. 4.9	d 2495	Set At 2495	Perforations: From 2392 To 2438	Well No. #3
Tbg. Size 1.315	Wt. 1.7	d 2394	Set At 2394	Perforations: From ---- To ----	Unit Sec. Twp. Rge. F 24 31 11
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At ----	County San Juan
Producing Thru Casing		Reservoir Temp. °F #	Mean Annual Temp. °F	Baro. Press. - P _a	State New Mexico
L	H	G _q	% 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
1	2"		3/4"						775		
2									181		3 Hrs.
3											
4											
5											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		181	1.0000	.9258	1.0000	2072
2							
3							
4							
5							

NO.	P _t	Temp. °R	T _t	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

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1		193	37,249	582,120
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0640$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0541$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2184$

Absolute Open Flow	2184	Mcf @ 15.025	Angle of Slope @	Slope, n
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Remarks: _____

Approved By Commission:	Conducted By:	Calculated By: <i>[Signature]</i>	Checked By:
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