

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 5-13-69	
Company Aztec Oil and Gas				Connection Southern Union Gas			
Pool Fulcher Kutz				Formation Pictured Cliff		Unit	
Completion Date 5-5-69		Total Depth 1935		Plug Back TD 1935		Elevation 5668 DF	
Farm or Lease Name Cooper							
Csg. Size 3.5	Wt. 7.7	d 3.068	Set At 1935	Perforations: From 1830 To 1870		Well No. 2	
Tbg. Size 1.315	Wt. 1.7	d 1.049	Set At 1827	Perforations: From open ended To		Unit Sec. Twp. Rge. M 7 29 11	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple single				Packer Set At		County San Juan	
Producing Thru		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. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI	2		3/4				230		230	
1.							153		23	
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		35	1.000	.9258	1.004	402
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 _____ 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 242	P _c ² 58564	
NO.	P _t ²	P _w
1	1225	1625
2		
3		
4		
5		

(1) $\frac{P_c^2}{P_t^2 - P_w^2} = 1.0269$

(2) $\left[\frac{P_c^2}{P_t^2 - P_w^2} \right]^n = 1.0228$

AOF = Q $\left[\frac{P_c^2}{P_t^2 - P_w^2} \right]^n = 411$

RECEIVED

MAY 27 1969

Slope, n _____

OIL CON COM.

DIST. 3

Absolute Open Flow	411	Mcfd @ 15.025	Angle of Slope @ _____
Remarks: _____			
Approved By Commission:	Conducted By:	Calculated By:	Checked By: