

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 5-16-69	
Company Aztec Oil and Gas			Connection Southern Union Gas		
Pool Pictured Cliffs			Unit Oliver		
Completion Date 5-10-69		Total Depth 2550	Plug Back TD 2550	Elevation 5973 Gr	Farm or Lease Name Oliver
Csg. Size 4 1/2	Wt. 9.5	d 4090	Set At 2550	Perforations: From 2455 To 2485	
Tag. Size 1.315	Wt. 1.7	d 1.049	Set At 2436	Perforations: From open ended To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple single				Packer Set At	Well No. 2
Producing Thru		Reservoir Temp. °F @	Mean Annual Temp. °F	Baro. Press. - P _a	Unit Sec. Twp. Rge. P 24 31 12
L	H	G _g	% CO ₂	% N ₂	County San Juan
Prover				Meter Run	State NEW Mexico

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				673		673	
1.							188		175	
2.										
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		187	1.000	.9258	1.000	2183
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	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 685	P _c ² 469225	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0863$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0729$
NO.	P _t ²	P _w	P _w ²
1	34969		37287
2			
3			
4			
5			

Absolute Open Flow _____ 2342 _____ Mcfd @ 15.025		Angle of Slope @ _____
Remarks: _____		
Approved By Commission:	Conducted By:	Calculated By: <i>Jim R. Anderson</i>
		Checked By:

RECEIVED
 MAY 27 1969
 OIL CON. COM.
 DIST. B.