

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

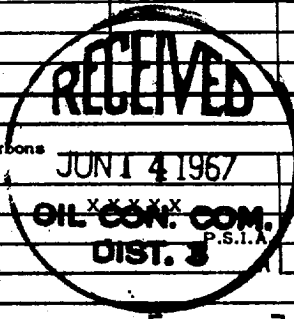
Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 6/13/67					
Company Aztec Oil and Gas					Connection Southern Union Gathering					
Pool Basin Dakota					Formation Dakota					
Completion Date 6/5/67			Total Depth 6465		Plug Back TD 6432		Elevation 5623 GR		Farm or Lease Name Reid PRI	
Csg. Size 4 1/2	Wt. 10.5	d 	Set At 6462	Perforations: From 6193 To 6367			Well No. 1			
Tbg. Size 2-3/4	Wt. 4.7	d 	Set At 6372	Perforations: From 6372 To open end			Unit G	Sec. 13	Twp. 29	Rge. 12
Type Well - Single - Bradenhead - G.G. or G.O. Multiple single					Packer Set At 			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"	7 day ST			1773		1855	
1.							501	60(est)	1110	60(est)
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		501	1.000	.9258	1.061	6085
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	XXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R



P _c 1855	P _c 3,441.025	(1) $\frac{P_c^2}{P_t^2 - P_w^2} = 1.5578$	(2) $\left[\frac{P_c^2}{P_t^2 - P_w^2} \right]^n = 1.3943$
NO	P _t ²	P _w	P _w ²
1	1110	1,232,100	2,208
2			
3			
4			
5			

$AOF = Q \left[\frac{P_c^2}{P_t^2 - P_w^2} \right]^n = 8,484$

Absolute Open Flow	8484	Mcf/d @ 15.025	Angle of Slope @	Slope, n	.75
--------------------	------	----------------	------------------	----------	-----

Remarks:

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
		<i>Joe C. Palmer</i>	

XERO COPY

XERO COPY

XERO COPY

XERO COPY