ILLEGIBLE

NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 4-1-65

RECEIVED
NOV 21 1968
OIL CON. COM.
DIST. 3

Type Test: ☒ Initial ☐ Annual ☐ Special				Test Date: 11-18-68	
Company: Aztec Oil and Gas		Connection: Southern Union Gathering			
Pool: Blanco		Formation: Mesaverde		Unit:	
Completion Date: 11-12-68	Total Depth: 5150	Plug Back TD: 5100	Elevation: 6164 DF	Farm or Lease Name: Harper	
Csg. Size: 3½ / Wt.: 7.7# / d: / Set At: 5100		Perforations: From 4958 To 5042		Well No.: 1	
Tbg. Size: 1½ / Wt.: 2.9# / d: / Set At: 4987		Perforations: From open ended To		Unit: I / Sec.: 14 / Twp.: 31N / Rge.: 12W	
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: single		Packer Set At:		County: San Juan	
Producing Thru: tubing	Reservoir Temp. °F: e	Mean Annual Temp. °F:	Baro. Press. – P_a:	State: New Mexico	

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps

	FLOW DATA					TUBING DATA		CASING DATA		
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	Duration of Flow
SI	2	3/4				739		739		
1.						160		597		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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		162	1.000	.9258	1.020	2007
2							
3							
4							
5							

NO.	P_r	Temp. °R	T_r	Z
1				
2				
3				
4				
5				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.

A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.

Specific Gravity Separator Gas _____ XXXXXXXXXX

Specific Gravity Flowing Fluid XXXXX _____

Critical Pressure _____ P.S.I.A. _____ P.S.I.A.

Critical Temperature _____ R _____ R

NO.	P_w	P_w^2	$P_c^2 - P_w^2$
1	[illegible]	32029	53412
2			
3			
4			
5			

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0602$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0447$

Absolute Open Flow $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n$ = 2097

Absolute Open Flow 2097 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n _____

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
		[signature]	