ILLECIBLE

NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

RECEIVED
NOV 15 1968
OIL CON. COM.
DIST. 3

Type Test: ☒ Initial ☐ Annual ☐ Special			Test Date: 11-8-68	
Company: Aztec Oil and Gas	Connection: El Paso Natural Gas			
Pool: Blanco	Formation: Mesaverde		Unit:	
Completion Date: 10-24-68	Total Depth: 5745	Plug Back TD: 5745	Elevation: 6210 GR	Farm or Lease Name: Hale
Csg. Size: 4½"	Wt.: 10.5	d: 4.052	Set At: 5745	Perforations: From 4936 To 5458	Well No.: 4
Tbg. Size: 2-3/8	Wt.: 4.7	d:	Set At: 7167	Perforations: From Open End To	Unit: H Sec.: 34 Twp.: 31N Rge.: 6W
Type Well – Single – Bradenhead – G. G. or G.O. Multiple: GG Dual			Packer Set At: 7167	County: San Juan	
Producing Thru: Casing	Reservoir Temp. °F: @	Mean Annual Temp. °F	Baro. Press. – P_a	State: New Mexico	
L	H	Co	% 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				2104		735		
1.						2120		410		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 F_t	Gravity Factor F_g	Super Compress. Factor, F_{pv}	Rate of Flow Q, Mcfd
1.	12.365		30	1.000	.9258	1.049	5058
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_r	Z
1.				
2.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.

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

Specific Gravity Separator Gas XXXXXXXX

Specific Gravity Flowing Fluid XXXXX

P_c _____ P.S.I.A. P_c _____ P.S.I.A.

P_d _____ P_d _____

$Q = 12.365 \times 30 \times .9258 \times 1.049 \sqrt{\frac{P_c^2}{P_c^2 - P_w^2}} = 5058$

$P_w = \sqrt{P_c^2 - \left(\frac{Q}{12.365 \times 30 \times .9258 \times 1.049}\right)^2} = 3192$

Absolute Open Flow 8252 Mcf/d @ 15.025 Angle of Slope θ _____ Slope, n _____

Remarks: _____

Approved By Commission: Conducted By: Calculated By: Checked By: