

**NEW MEXICO OIL CONSERVATION COMMISSION
MULTI-POINT BACK PRESSURE TEST FOR GAS WELL**

Form C-122
Revised 12-1-55

Pool Blanco Mesaverde		Formation Mesaverde		County San Juan	
Initial X		Annual		Date of Test 7/26/66	
Company Aztec Oil and Gas		Lease Hubbard		Well No. 3	
Unit A	Sec. 15	Twp. 32N	Range 12W	Purchaser Southern Union Gathering	
Casing 7-5/8 4-1/2	Wt. 26.4 11.6	I.D. 6.969 4.000	Set at 4860 4707-7410	Perf. 4952	To 5119
Tubing 1 1/2	Wt. 2.75	I.D. 1.610	Set at 7170	Perf.	To
Gas Pay: From 4952		To 5119		Bar. Press. 4952 .700(est)	
Producing Through: X		Type Well - Single - Braden head - G.G. or G.O. Dual GG Dual			
Date of Completion 7/12/66		Packer 7170		Reservoir Temp.	

OBSERVED DATA

Tested Through: Prover ☐ Choke ☒ Meter ☐								Type of Taps	
FLOW DATA					TUBING DATA		CASING DATA		DURATION OF FLOW HR.
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	
1.	2"	3/4"	1 1/2 days					811	
2.								437	60(est)
3.									
4.									
5.									

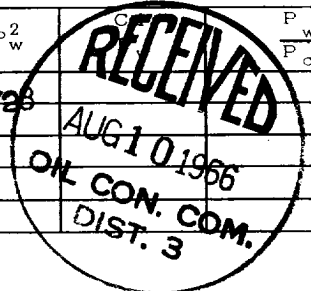
FLOW CALCULATIONS

No.	Coefficient (24 Hour)	$\sqrt{h_w p_f}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCF PD @ 15.025 psia
1.	12.365		449	1.000	.9258	1.058	5438
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl. Specific Gravity Separator Gas _____
 Gravity of Liquid Hydrocarbons _____ deg. Specific Gravity Flowing Fluid _____
 F_c _____ (1-e^{-S}) _____ P_c **823** P_c² **677,329**

No.	$\frac{P_w}{P_t}$ psia	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-S})	P _w ²	P _c ² - P _w ²	$\frac{P_w}{P_c}$
1.				FLN		201,601	465,728	
2.								
3.								
4.								
5.								



ABSOLUTE POTENTIAL: **7200** MCFPD; n **.75**

COMPANY **Aztec Oil and Gas** WITNESSED _____

ADDRESS **Drawer 570 Farmington, New Mexico** COMPANY _____

AGENT AND TITLE **Original Signed by**
Carl E. Jameson
District Engineer