NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: [X] Initial [ ] Annual [ ] Special		Test Date: 11-20-68	
Company: Aztec Oil and Gas	Connection: Southern Union Gathering		
Pool: Basin	Formation: Dakota		Unit
Completion Date: 11-14-68	Total Depth: 7682	Plug Back TD: 7649	Elevation: 6472 DF
Farm or Lease Name: Moore	Well No.: 1		

Csg. Size	Wt.	d	Set At	Perforations: From	To
4½	10.5		7665	7462	7624

Tbg. Size	Wt.	d	Set At	Perforations: From	To
2-3/8	4.7		7430	open ended	

Unit	Sec.	Twp.	Rge.
H	35	32N	12W

Type Well – Single – Bradenhead – G.G. or G.O. Multiple	GG Dual
Packer Set At	7430
County	San Juan
Producing Thru	tubing
Reservoir Temp. °F	@
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	Tubing Press. p.s.i.g.	Tubing Temp. °F	Casing Press. p.s.i.g.	Casing Temp. °F	Duration of Flow
SI	2		3/4				1947		724		
1.							277		725		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		289	1.000	.9258	1.031	3411
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 ________ X X X X X X X X
Specific Gravity Flowing Fluid X X X X ________
Critical Pressure ________ P.S.I.A. ________ P.S.I.A.
Critical Temperature ________ R ________ R

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DIST. 3

P_c 1959 P_c^2 3837681

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1	83521		407494	3430187
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2}$ = 1.1188

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n$ = 1.0878

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n$ = 3710

Absolute Open Flow 3710 Mcfd @ 15.025 | Angle of Slope Θ ________ | Slope, n ________

Remarks: ________

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
		Jose C. Salmon (signature)	