NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: [XX] Initial [ ] Annual [ ] Special			Test Date: 8-29-68	
Company: Aztec Oil and Gas		Connection: El Paso Natural Gas		
Pool: ~~Blanco~~ Blanco		Formation: Mesaverde ~~Mesaverde~~		Unit
Completion Date: 8-12-68	Total Depth: 8300'	Plug Back TD: 8258	Elevation: 6774 Gr	Farm or Lease Name: La Jara Canyon
Csg. Size: 4½ / Wt.: 11.6 / d: / Set At: 8292		Perforations: From 5610 To 5634 / From 5750 To 5780		Well No.: 1
Tbg. Size: 1½ / Wt.: 2.9 / d: / Set At: 5674		Perforations: From open ended To		Unit: M / Sec.: 10 / Twp.: 29N / Rge.: 5W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: single		Packer Set At:		County: Rio Arriba
Producing Thru: X	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				1099		1096		
1.							19		377		
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		31	1.000	.9258	1.004	356
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 _____ XXXXXXXXX
Specific Gravity Flowing Fluid _____ XXXXX
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

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OIL CON. COM.
DIST. 3

P_c 1111 P_c^2 1,234,321

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1	31		961	123,336
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0007$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0005$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 356$

Absolute Open Flow 356 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By: Joe C Dawson	Checked By: