NEW MEXICO OIL CONSERVATION COMMISSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test			Test Date	
[X] Initial	[ ] Annual	[X] Special	2-28-83	

Company	Connection	
Amoco Production Company	Not dedicated	

Pool	Formation	Unit
Bloomfield	Chacra	

Completion Date	Total Depth	Plug Back TD	Elevation	Farm or Lease Name
2-17-83	5778		5535 GL	Abrams [redacted] "J"

Csg. Size	Wt.	d	Set At	Perforations:		Well No.
9.625	47	8.681	3454	From 2786	To 2910	1
7.000	23	6.366	5304			

Tbg. Size	Wt.	d	Set At	Perforations:		Unit	Sec.	Twp.	Rge.
2.375	4.7	1.995	2885	From open	To ended	I	29	29	10

Type Well – Single – Bradenhead – G.G. or G.O. Multiple	Packer Set At	County
Dual - Vent String	5080	San Juan

Producing Thru	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. – P_a	State
Tubing	θ			New Mexico

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

FLOW DATA

NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA Press. p.s.i.g.	TUBING DATA Temp. °F	CASING DATA Press. p.s.i.g.	CASING DATA Temp. °F	Duration of Flow
SI	7 Days						886		886		
1.	2.375		.750				280		461		3 hrs
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		292	1.000	.9258	1.029	3440
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_t	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

P_c 898 P_c^2 806404

NO	P_t	P_w	P_w^2	$P_c^2 - P_w^2$
1		473	223729	582675
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.3840$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.3760$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 4389$

RECEIVED
MAR 25 1983
OIL CON. DIV.
DIST. 3

Absolute Open Flow 4389 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	J. J. Barnett	J. J. Barnett	