NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

RECEIVED
JUN 01 1984
OIL CON. DIV.
DIST. 3

Type Test: [X] Initial [ ] Annual [X] Special				Test Date: 5-22-84	
Company: Amoco Production Co.			Connection: Not Dedicated		Unit
Pool: Blanco			Formation: Mesaverde		
Completion Date: 4-11-84		Total Depth: 5480	Plug Back TD: 5000	Elevation: 5496 GL	Farm or Lease Name: Romero Gas Com "A"
Csg. Size: 7.000	Wt.: 23	d: 6.366	Set At: 5480	Perforations: From 4039 To 4200	Well No.: 1
Tbg. Size: 2.375	Wt.: 4.7	d: 1.995	Set At: 4341	Perforations: From open To ended	Unit: K Sec.: 27 Twp.: 29 Rge.: 10
Type Well – Single – Bradenhead – G.C. or G.O. Multiple: Dual			Packer Set At: 3250		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	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI	7 days					795		X		
1.	2.375	.750				210		X		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		222	1.000	.9258	1.022	2597
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

P_c 807 P_c^2 651249

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		399	159201	492048
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.3235$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.2340$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 3202$

Absolute Open Flow 3202 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: flared, med. H20 , Heavy Oil

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	JJ Barnett	JJ Barnett	