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	
Company: Amoco Production Company		Connection			
Pool: Blanco		Formation: Pictured Cliffs		Unit	
Completion Date: 3-28-78	Total Depth: 3098	Plug Back TD: 3050	Elevation: 6064	Farm or Lease Name: McEwen Gas Com. B	
Csg. Size: 4.5 / Wt.: 10.5 / d: 4.052 / Set At: 3098		Perforations: From 2864 To 2906		Well No.: 1	
Tbg. Size: 2.375 / Wt.: 4.7 / d: 4.995 / Set At: 2913		Perforations: From open To ended		Unit: D / Sec.: 5 / Twp.: 31 / Rge.: 10	
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At: None		County: San Juan	
Producing Thru: Tubing	Reservoir Temp. °F: @	Mean Annual Temp. °F	Baro. Press. – P_a	State: New Mexico	
L	H	Gg: .65	% 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				677		677		
1.	2.375 0.750				60	60	350		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		72	1.000	.9608	1.010	864
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 689 P_c^2 474721

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		362	131044	343677
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.3812$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.3160$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1137$

APR 13 19..
OIL CON. C.
DIST. 3

Absolute Open Flow 1137 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .85

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	T.M. Oliver	TMO/TDB	J.L. Krupka