NEW MEXICO OIL CONSERVATION COMMISSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: [X] Initial [ ] Annual [X] Special				Test Date: 5/11/81	
Company: Amoco Production Company		Connection: El Paso Natural Gas Company			
Pool: BS Mesa		Formation: Gallup			Unit
Completion Date: 4/3/81	Total Depth: 7975	Plug Back TD: 7935	Elevation: 6839 GL	Farm or Lease Name: Jicarilla Apache 102	
Csg. Size: 4.500 / Wt.: 10.5 / d: 4.052 / Set At: 7975		Perforations: From 6902 To 7240		Well No.: 11E	
Tbg. Size: 2.318 / Wt.: 4.7 / d: 1.995 / Set At: 7215		Perforations: From open To ended		Unit: M / Sec.: 10 / Twp.: 26N / Rge.: 4W	
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Gallup (SINGLE)		Packer Set At: None		County: San Juan	
Producing Thru: tubing	Reservoir Temp. °F: 0	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	14 days					30		682		
1.	2.375	.750								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							
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 _____ XXXXXX
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

JUN 3 1981
OIL CON. COM.
DIST. 3

P_c _____ P_c^2 _____

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

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

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

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

Remarks: well would not flow-logged off.

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	JJB	JJ BARNETT	JJB