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 [X] Special				Test Date: 1-13-81	
Company: Amoco Production Company		Connection: Northwest Pipeline			
Pool: Basin		Formation: Dakota		Unit	
Completion Date: 12-1-80	Total Depth: 7345	Plug Back TD: 7305	Elevation: 6443	Farm or Lease Name: Jicarilla Contract 155	
Csg. Size: 7.000 / Wt.: 23 / d: 6.366 / Set At: 7345		Perforations: From 6986 To 7172		Well No.: 19E	
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 7155		Perforations: From open To ended		Unit: J / Sec.: 29 / Twp.: 26N / Rge.: 5W	
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: dual		Packer Set At: 6926		County: Rio Arriba	
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
		.70						

	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					2402				
1.	2.375	.750				258				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		270	1.000	.9258	1.032	3198
2.							
3.							331
4.							
5.							

NO.	P_t	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 _____ XXXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 2414 P_c^2 5827396

NO	P_t	P_w	P_w^2	$P_c^2 - P_w^2$
1		589	346921	5480475
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0633$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0472$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 3340$

Absolute Open Flow 3340 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: _____

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