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: 9-16-83	
Company: Amoco Production Company		Connection: Not dedicated			Unit: DIST. 3
Pool: Basin		Formation: Dakota			
Completion Date: 8-12-83	Total Depth: 7723	Plug Back TD: 7645	Elevation: 6536 GL	Farm or Lease Name: Jicarilla Apache Tribal 151	
Csg. Size: 4.500 / Wt.: 10.5 / d: 4.052 / Set At: 7689		Perforations: From 7410 To 7604		Well No.: 7E	
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 7614		Perforations: From open To ended		Unit: D / Sec.: 4 / Twp.: 26 / Rge.: 5	
Type Well – Single – Bradenhead – G.C. or G.O. Multiple: Single		Packer Set At: None		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
.								

	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	15 Days					1780		2080		
1.	2.375	.750				65		440		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		77	1.000	.9258	1.009	889
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 _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 2092 P_c^2 4376464

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		452	204304	4172160
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0490$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0365$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 921$

Absolute Open Flow 921 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: Med. flow wt well flared light show of oil

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