NEW MEXICO OIL CONSERVATION COMMISSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

RECEIVED
AUG 14 1984
OIL CON. DIV.
DIST. 3

Type Test: [X] Initial [ ] Annual [X] Special				Test Date: 8-2-84	
Company: Amoco Production Company		Connection: Not dedicated			Unit
Pool: ~~Undesignated~~ DC		Formation: Gallup			
Completion Date: 7-18-84	Total Depth: 8299'		Plug Back TD: 7998	Elevation: 6983 GL	Farm or Lease Name: Jicarilla Tribal 454 A
Csg. Size: 5.500 / Wt.: 17 / d: 4.892 / Set At: 8299			Perforations: From 6952 To 7390		Well No.: 1
Tbg. Size: 2.875 / Wt.: 6.5 / d: 2441 / Set At: 6265			Perforations: From open To ended		Unit: L / Sec.: 24 / Twp.: 29 / Rge.: 3
Type Well – Single – Bradenhead – G.G. 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	10 Days				2610		2610		
1.	2.875 .750				175		458		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		187	1.000	.9258	1.022	2188
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 2622 P_c^2 6874884

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		470	220900	6653984
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0332$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0248$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2242$

Absolute Open Flow 2242 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: was not flared med spray H_2O

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