OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-122
Revised 10-1-78

RECEIVED
DEC 06 1985
OIL CON. DIV.
DIST. 3

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test: [X] Initial [ ] Annual [X] Special				Test Date: 11-12-85	
Company: Amoco Production Co.			Connection: Northwest Pipeline Corporation		
Pool: Blanco			Formation: Mesaverde		Unit:
Completion Date: 10-18-85	Total Depth: 5371'		Plug Back TD: 5370	Elevation: 6680' GR	Farm or Lease Name: Jicarilla Contract 155
Csg. Size: 4.500 / Wt.: 11.6 / d: 4.000	Set At: 5371'		Perforations: From 5206' To 5366'		Well No.: 36
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995	Set At: 5339		Perforations: From open To ended		Unit: C / Sec.: 29 / Twp.: 26 / Rge.: 5
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

NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA Press. p.s.i.g.	TUBING DATA Temp. °F	CASING DATA Press. p.s.i.g.	CASING DATA Temp. °F	Duration of Flow
SI	7 days						1127		1132		?
1.	2.375		.750				62		247		3 hours
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		74	1.000	.9258	1.006	852
2.							
3.							
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 _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 1144 P_c^2 1308736

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		259	67081	1241705
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0540$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0402$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 886$

Absolute Open Flow 886 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: Flared, lite H_2O, lite condensate

Approved By Division	Conducted By:	Calculated By:	Checked By: