Submit in duplicate to appropriate district office
See Rule 401 & Rule 1122

State of New Mexico
Energy, Minerals and Natural Resources Dep ment

Form C-122
Revised 4-1-91

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator: CONOCO, INC.						Lease or Unit Name: MEYER B-18			
Type Test: [X] Initial [ ] Annual [ ] Special						Test Date: 7-12-94		Well No.: 5	
Completion Date		Total Depth		Plug Back TD: 3763		Elevation		Unit Ltr. - Sec. - TWP - Rge.: 18 21 36	
Csg. Size: 5½	Wt.: 15#	d	Set At: 3800	Perforations: From: 3158 To: 3702				County: Lea	
Tbg. Size: 2 3/8	Wt.: 4.7	d: 1.995	Set At: 3561	Perforations: From: To:				Pool: Eumont	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple: single				Packer Set At: none				Formation: QUEENS	
Producing Thru: TBG.	Reservoir Temp. °F: 95 @3561	Mean Annual Temp. °F: 60		Baro. Press - P_a: 13.2				Connection: PIPELINE	
L: 3561	H: 3561	Gg: .739	% CO_2: 3.79	% N_2: 1.37	% H_2S	Prover		Meter Run: 4"	Taps: flg.

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						130		135		24 hr.
1.						110		125		1 hr.
2.						105		120		"
3.						105		115		"
4.						95		100		"
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, F pv.	Rate of Flow Q, Mcfd
1.							98
2.		VOLUMES MEASURED					143
3.							212
4.		BY TOTAL FLOW METER					351
5.							

NO.	P_r	Temp. °R	T_r	Z
1.				
2.		N/A		
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio: DRY GAS Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons: DRY Deg.
Specific Gravity Separator Gas: .739 XXXXXXXXX
Specific Gravity Flowing Fluid: XXXXX
Critical Pressure: *679 P.S.I.A. P.S.I.A.
Critical Temperature: *393 R R

P_c 148.2 P_c^2 22.0

NO.	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1.		138.2	19.1	2.9
2.		133.2	17.7	4.3
3.		128.2	16.4	5.6
4.		113.2	12.8	9.2
5.				

1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.39130$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2.39130$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 839$

Absolute Open Flow: 839 Mcfd @ 15.025 | Angle of Slope θ: 45° | Slope, n: 1.00000

Remarks: NO FLUID DURING TEST
*CORRECTED TO 3.79% Co^2 & 1.37% N^2

Approved By Division	Conducted By:	Calculated By:	Checked By:
	PRO WELL TESTERS GB	BM	BM