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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-122
Revised 4-1-91

OIL CONSERVATION DIVISION

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

Note: Formerly the N.M. [illegible] Sec. 28

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator: EXXON USA					Lease or Unit Name: EUMONT GAS COM		
Type Test: [X] Initial [ ] Annual [ ] Special					Test Date: 8-18-94	Well No.: 2-4	
Completion Date: 5-11-94	Total Depth: 3865		Plug Back TD: 3865		Elevation	Unit Ltr. - Sec. - TWP - Rge.: 29-21S-36E	
Csg. Size: 5½	Wt.: 17#	d	Set At: 3799	Perforations: From: 3192 To: 3732		County: LEA	
Tbg. Size: 2 7/8	Wt.: 6.5	d	Set At: 3142	Perforations: From: To:		Pool	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple: SONGLE			Packer Set At: 3142			Formation: QUEEM (YSR)	
Producing Thru: TBG.	Reservoir Temp. °F: 105° @ 3142	Mean Annual Temp. °F: 60°	Baro. Press - P_a: 13.2			Connection: GPM	
L: 3142	H: 3142	Gg: .737	% CO_2: 1.62	% N_2: 2.05	% H_2S:	Prover: -0-	Meter Run: 2.067	Taps: FLG.

FLOW DATA / TUBING DATA / CASING DATA

NO.	Prover Line Size	X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	Tubing Press. p.s.i.g.	Tubing Temp. °F	Casing Press. p.s.i.g.	Casing Temp. °F	Duration of Flow
SI						158		PRK		72 hr.
1.						68				24 hr.
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, F pv.	Rate of Flow Q, Mcfd
1.							369
2.							
3.		VOL MEASURED BY TOTAL FLOW METER					
4.							
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: .737 XXXXXXXXX
Specific Gravity Flowing Fluid: XXXXX
Critical Pressure: P.S.I.A. P.S.I.A.
Critical Temperature: R R

P_c 171.2 P_c^2 29.3

NO.	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1.		85.2	7.3	22.0
2.				
3.				
4.				
5.				

1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.329$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.329$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = .490$

Absolute Open Flow: 490 Mcfd @ 15.025 Angle of Slope θ: 45 Slope, n: 1.000

Remarks: NO FLUID PRODUCED DURING TEST

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

SEP 21 1994