OIL CONSERVATION DIVISION
P.O. BOX 2088
SANTA FE, NEW MEXICO 87501

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OIL CON. DIV.
DIST. 3

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Form C-122
Revised 4-1-91

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator Meridian Oil, Inc						**Lease or Unit Name** Canyon Largo Unit			
Type Test [X] Initial [ ] Annual [ ] Special						**Test Date** 11-08-94		**Well No.** 409	
Completion Date 10-14-94		Total Depth 7,266 TVD MD		**Plug Back TD**		**Elevation** 6,660		**Unit Letter - Sec. - TWN - RNG** A-14-025N-06W	
Csg. Size 5.500	**Wt.** 17	**d** 4.892	**Set At** 7,264	**Perforations:** From 3,557	To 3,662			**County** RIO ARRIBA	
Tbg. Size 1.500	**Wt.** 2.9	**d** 1.61	**Set At** 3,714	**Perforations:** From	To			**Pool** OTERO	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual - DK/CH				**Packer Set At** 3750				**Formation** CHACRA	
Prod Thru Tubing	**Resv Temp *F**	**Mean Ann T *F**		**Baro. Press. Pd** 12.20				**Connection**	
L	**H**	**Gg** 0.700	**% CO2** 0.000	**% N2** 0.000	**% H2S**	**Prover**		**Meter Run**	**Taps**

FLOW DATA					TUBING DATA		CASING DATA		
NO.	**Prover Line Size**	**X Orfice Size**	**Press. p.s.i.g.**	**Diff. hw**	**Temp. F***	**Press. p.s.i.g.**	**Temp. F***	**Press. p.s.i.g.**	**Temp. F***	**Duration of Flow**
SI	2	0.750				180		349		S.I.
1.						17	58	67		1 Hour
2.						17	58	260		2 Hours
3.						20	55	244		3 Hours
4.										
5.										

RATE OF FLOW CALCULATIONS

NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure Pm	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1.	11.000		32.2	1.0048	1.1952	1.0000	425.40
2.							
3.							
4.							
5.							

NO.	Pr	Temp. *R	Tr	Z
1.				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
API Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXXXXXXXXXXX
Specific Gravity Flowing Fluid XXXXXXX _____
Critical Pressure _____ P.S.I.A _____ P.S.I.A
Critical Temperature _____ R _____ R

Pc 361.20 Pc2 130,465.44

NO.	Pt2	Pw	Pw2	Pc2 - Pw2
1.		256.20	65,638.44	64,827.00
2.				
3.				
4.				
5.				

(1) $\frac{Pc2}{Pc2 - Pw2}$ = 2.0125 (2) $\left[\frac{Pc2}{Pc2 - Pw2}\right]^n$ = 1.6897

$AOF = Q\left[\frac{Pc2}{Pc2 - Pw2}\right]^n$ = 718.79

Absolute Open Flow 719 **Mcfd @ 15.025** **Angle of Slope** _____ **Slope, n** 0.75

Remarks: _____

Approved By Division	Conducted By:	Calculated By:	Checked By:
	JOE GOLDING	TANYA ATCITTY	LARY BYARS