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OIL CON. DIV.
DIST. 3

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

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** San Juan 28-6 Unit			
Type Test [X] Initial [ ] Annual [ ] Special						**Test Date** 01-20-95		**Well No.** 203M	
Completion Date 01-12-95	Total Depth 7,685	TVD MD	**Plug Back TD** 7,662		**Elevation** 6,568	**Unit Letter - Sec. - TWN - RNG** O-7-027N-06W			
Csg. Size 4.500	**Wt.** 11.6	**d** 4.000	**Set At** 7,685	**Perforations:** From 7,423	To 7,624	**County** RIO ARRIBA			
Tbg. Size 2.375	**Wt.** 4.7	**d** 1.995	**Set At** 7,637	**Perforations:** From	To	**Pool** BASIN			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple DUAL - DK/MV			**Packer Set At** 5782			**Formation** DAKOTA			
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				1848		556		S.I.
1.						181	61	476		1 Hour
2.						132	58	428		2 Hours
3.						122	57	416		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		134.2	1.0029	1.1952	1.0000	1,769.51
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 568.20 **Pc2** 322,851.24

NO.	Pt2	Pw	Pw2	Pc2 - Pw2
1.		428.20	183,355.24	139,496.00
2.				
3.				
4.				
5.				

(1) $\frac{Pc2}{Pc2 - Pw2}$ = 2.3144 (2) $\left[\frac{Pc2}{Pc2 - Pw2}\right]^n$ = 1.8764

$AOF = Q\left[\frac{Pc2}{Pc2 - Pw2}\right]^n$ = 3,320.35

Absolute Open Flow 3,320 **Mcfd @ 15.025** | **Angle of Slope** _____ | **Slope, n** 0.75

Remarks: _____

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