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

RECEIVED FEB 01 1994 OIL CON. DIV. DIST. 3

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Form C-122
Revised 4-1-91

G-2-26N-5W

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator: Meridian Oil, Inc.						Lease or Unit Name: JICARILLA G	
Type Test: [X] Initial [ ] Annual [ ] Special						Test Date: 02-08-94	Well No.: 8
Completion Date: 01-28-94	Total Depth: 7,869 TVD MD			Plug Back TD: 7,833		Elevation: 6,671	Unit Letter - Sec. - TWN - RNG: G-02-026N-005W
Csg. Size: 5.500	Wt.	d	Set At: 7,869	Perforations: From 5,042	To 7,784		County: RIO ARRIBA
Tbg. Size: 2.375	Wt.	d	Set At	Perforations: From	To		Pool: BLANCO/TAPACITO/BASIN
Type Well - Single - Bradenhead - G.G. or G.O. Multiple: COMMINGLE				Packer Set At: None			Formation: MESAVERDE/GALLUP/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 X 6		0.750				724		685		S.I.
1.							234	67	600		1 Hour
2.							210	68	570		2 Hours
3.							205	66	550		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		217.2	0.9943	1.1952	1.0000	2,839.30
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 697.20 Pc2 486,087.84

NO.	Pt2	Pw	Pw2	Pc2 - Pw2
1.		562.20	316,068.84	170,019.00
2.				
3.				
4.				
5.				

(1) $\frac{Pc2}{Pc2 - Pw2} = 2.8590$ (2) $\left[\frac{Pc2}{Pc2 - Pw2}\right]^n = 2.1987$

$AOF = Q \left[\frac{Pc2}{Pc2 - Pw2}\right]^n = 6,242.72$

Absolute Open Flow 6,243 Mcfd @ 15.025 | Angle of Slope _____ | Slope, n 0.75

Remarks:

Approved By Division	Conducted By:	Calculated By:	Checked By:
	ERNIE MINERT	SUSAN DOLAN	LARY BYARS