OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test: [X] Initial [ ] Annual [ ] Special			Test Date: 09-26-88	
Company: MERIDIAN OIL INC.		Connection: EL PASO NATURAL GAS COMPANY		OIL CON. DIV. DIST. 3
Pool: BLANCO		Formation: MESAVERDE		Unit:
Completion Date: 09-17-88	Total Depth: 5109'	Plug Back TD: 4976'	Elevation: 5684' GL	Farm or Lease Name: CALLOWAY
Csg. Size: 4.5000 / Wt.: 10.5 / d: 4.0520 / Set At: 5000'		Perforations: From To		Well No.: 1A
Tbg. Size: 2.3750 / Wt.: 4.7 / d: 1.9950 / Set At: 4856'		Perforations: From 4266' To 4876'		Unit: O / Sec.: 27 / Twp.: 31N / Rge.: ~~04W~~
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: SINGLE		Packer Set At: N/A		County: SAN JUAN
Producing Thru: TUBING	Reservoir Temp. °F:	Mean Annual Temp. °F:	Baro. Press. – P_a:	State: NEW MEXICO

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
		.60						

NO.	FLOW DATA: Prover Line Size x Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA: Press. p.s.i.g.	Temp. °F	CASING DATA: Press. p.s.i.g.	Temp. °F	Duration of Flow
SI	2" x 3/4" choke				700		920		
1.					314	63°	895		15 MIN.
2.					302	63°	873		30 MIN.
3.					294	64°	865		45 MIN.
4.					288	64°	860		1 HR.
5.					273	65°	820		3 HRS.

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, Fpv	Rate of Flow Q, Mcfd
1	12.365						
2.							
3.							
4.							
5.	12.365		285	.9952	1.000		3507

NO.	P_t	Temp. °R	T_t	Z
1				
2.				
3.				
4.				
5.				

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

P_c _____ P_c^2 _____

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1				
2				
3				
4				
5	81225	832	692224	11606825

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0596$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0444$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 3662$

Absolute Open Flow 3662 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n _____

Remarks: _____

Approved By Division	Conducted By:	Calculated By:	Checked By:
	MICK FERRARI	R. R. HEADRICK	