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

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NOV 1994
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: DOUTHIT		
Type Test: [X] Initial [ ] Annual [ ] Special			Test Date: 10-24-94	Well No.: 262	
Completion Date: 09-08-94	Total Depth: TVD 2,100 MD	Plug Back TD: 2,053	Elevation: 6,40[illegible]	Unit Letter - Sec. - TWN - RNG: K-2[illegible] 7N-011W	

Csg. Size	Wt.	d	Set At	Perforations:		County
4.500	11	4.0[illegible]	2,100	From 1,854	To 2,032	SAN JUAN

Tbg. Size	Wt.	d	Set At	Perforations:		Pool
2.375	4.7	1.9[illegible]	1,957	From	To	BASIN

Type Well - Single - Bradenhead - G.G. or G.O. Multiple: SINGLE	Packer Set At	Formation: FRUIT AND COAL

Prod Thru	Resv Temp °F	Mean Ann T °F	Baro. Press. Pd	Connection
Tubing			12.20	

L	H	Gg	% CO2	% N2	% H2S	Prover	Meter Run	Taps
		.7[illegible]	0.000	0.000				

	FLOW DATA						TUBING DATA		CASING DATA		Duration
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°	of Flow
SI	2		0.750				141		14[illegible]		SI
1.							14	4[illegible]	5[illegible]		Hour
2.							16	4[illegible]	5[illegible]		Hours
3.							13	4[illegible]	5[illegible]		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.	11.90[illegible]		25.2	1.013[illegible]	1.1952	1.0[illegible]00	[illegible]
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 ______ XXXXXXXXXXX XXXXXXX
Specific Gravity Flowing Fluid XXXXXXX ______
Critical Pressure ______ P.S.I.A ______ P.S.I.A
Critical Temperature ______ R ______ R

Pc 153.20 Pc2 23,470.24

NO.	Pt2	P	Pw2	Pc2 - Pw2
1.		[illegible]2[illegible]	3,994.24	19,476.00
2.				
3.				
4.				
5.				

$$(1)\ \frac{Pc2}{Pc2 - Pw2} = 1.2051$$

$$(2)\ \left[\frac{Pc2}{Pc2 - Pw2}\right]^n = 1502$$

$$AOF = Q\left[\frac{Pc2}{Pc2 - Pw2}\right]^n = 386.31$$

Absolute Open Flow: 386 Mcfd @ 15.025	Angle of Slope		Slope, n: .75

Remarks:

Approved By Division	Conducted By:	Calculated By:	Checked By:
	STEVE KELLAMEARS	TANYA ATCITTY	STEVE FLORES