

OIL CONSERVATION DIVISION
P.O. BOX 2088
SANTA FE, NEW MEXICO 87400

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STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Form C-122
Revised 4-1-91

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLS
OIL CON. DIV.

Operator Meridian Oil, Inc.					Lease or Unit Name Canyon Largo Unit					
Type Test ☒ 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		
Csg. Size 5.500		Wt. 17		d 4.892		Set At 7,264		Perforations: From 6,946 To 7,146		
Tbg. Size 1.500		Wt. 2.9		d 1.61		Set At 7,164		Perforations: From To		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual - DK/CH					Packer Set At 3750					
Prod Thru Tubing					Baro. Press. Pd 12.20					
Resv Temp °F		Mean Ann T °F		% CO2 0.000		% N2 0.000		% H2S		
Prover		Meter Run		Taps						
FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. F°	Press. p.s.i.g.	Temp. F°	Press. p.s.i.g.	
1.	2		0.750				2460		2460	
2.							360	55	360	
3.							287	59	287	
4.							254	58	254	
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		266.2	1.0019	1.1952	1.0000	3,506.62			
2.										
3.										
4.										
5.										
NO.	Pr	Temp. °R	Tr	Z	Gas Liquid Hydrocarbon Ratio		Mcf/bbl. Deg.			
1.					API Gravity of Liquid Hydrocarbons					
2.					Specific Gravity Separator Gas					
3.					Specific Gravity Flowing Fluid					
4.					Critical Pressure					
5.					Critical Temperature					
Pc 2472.20		Pc2 #####								
NO.	Pt2	Pw	Pw2	Pc2 - Pw2						
1.		266.20	70.862.44	#####						
2.										
3.										
4.										
5.										
					$(1) \frac{Pc2}{Pc2 - Pw2} = 1.0117$ $(2) \left[\frac{Pc2}{Pc2 - Pw2} \right]^n = 1.0088$ $AOF = Q \left[\frac{Pc2}{Pc2 - Pw2} \right]^n = 3,537.43$					
Absolute Open Flow 3,537 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		