

FLUID SAMPLE DATA				Date <u>2-5-78</u>		Ticket Number <u>001624</u>	
Sampler Pressure _____ P.S.I.G. at Surface				Kind of Job <u>OPEN HOLE TEST</u>		Halliburton District <u>HOBBS</u>	
Recovery: Cu. Ft. Gas _____				Tester <u>G. W. SUMRULD</u>		Witness <u>BILL HUNT</u>	
cc Oil _____				Drilling Contractor <u>RIAL DRILLING COMPANY TH</u>			
cc Water _____				EQUIPMENT & HOLE DATA			
cc Mud <u>1700</u>				Formation Tested <u>Morrow</u>			
Tot. Liquid cc. <u>1700</u>				Elevation <u>4038'</u> GL Ft.			
Gravity _____ ° API @ _____ ° F.				Net Productive Interval <u>25'</u> Ft.			
Gas/Oil Ratio _____ cu. ft./bbl.				All Depths Measured From <u>Kelly Bushing</u>			
RESISTIVITY CHLORIDE CONTENT				Total Depth <u>12677'</u> Ft.			
Recovery Water @ _____ ° F. _____ ppm				Main Hole/Casing Size <u>8 3/4"</u>			
Recovery Mud @ _____ ° F. _____ ppm				Drill Collar Length <u>434'</u> I.D. <u>2 1/4"</u>			
Recovery Mud Filtrate @ _____ ° F. _____ ppm				Drill Pipe Length <u>12159'</u> I.D. <u>3.826"</u>			
Mud Pit Sample @ _____ ° F. _____ ppm				Packer Depth(s) <u>12610' - 12618'</u> Ft.			
Mud Pit Sample Filtrate @ _____ ° F. _____ ppm				Depth Tester Valve <u>12598'</u> Ft.			
Mud Weight <u>9.3</u> vis <u>57</u> sec				Cushion TYPE AMOUNT Depth Back Surface Bottom Ft. Pres. Valve Choke Orifice Choke <u>3/4"</u>			
Recovered <u>70</u> Feet of <u>drilling fluid.</u>							
Recovered _____ Feet of _____							
Recovered _____ Feet of _____							
Recovered _____ Feet of _____							
Recovered _____ Feet of _____							
Remarks <u>See Production Test Data Sheet . . .</u>							
TEMPERATURE		Gauge No. <u>7302</u> Depth: <u>12603</u> Ft.	Gauge No. <u>7303</u> Depth: <u>12671</u> Ft.	Gauge No. _____ Depth: _____ Ft.	TIME		
Est. <u>174</u> ° F.		24 Hour Clock Blanked Off <u>NO</u>	24 Hour Clock Blanked Off <u>YES</u>	Hour Clock Blanked Off _____	Tool _____ A.M. Opened <u>1000</u> P.M. Opened _____ A.M. Bypass <u>0215</u> P.M.		
Actual _____ ° F.	Pressures		Pressures		Pressures		
	Field	Office	Field	Office	Field	Office	Reported Minutes
Initial Hydrostatic	<u>6108</u>	<u>6132</u>	<u>6188</u>	<u>6148</u>			Computed Minutes
First Period Flow	Initial	<u>44</u>	<u>48</u>	<u>87</u>	<u>76</u>		
	Final	<u>44</u>	<u>53</u>	<u>87</u>	<u>78</u>	<u>15</u>	
	Closed in	<u>109</u>	<u>155</u>	<u>130</u>	<u>180</u>	<u>60</u>	
Second Period Flow	Initial	<u>131</u>	<u>70</u>	<u>152</u>	<u>93</u>		
	Final	<u>131</u>	<u>70</u>	<u>174</u>	<u>96</u>	<u>60</u>	
	Closed in	<u>44</u>	<u>81</u>	<u>87</u>	<u>107</u>	<u>120</u>	
Third Period Flow	Initial						
	Final						
Final Hydrostatic	<u>6196</u>	<u>6166</u>	<u>6188</u>	<u>6188</u>			

Legal Location: 7 - 16S - 35E
 Well No.: 1
 Test No.: 4
 Field Area: WILDCAT
 County: LEA
 State: NEW MEXICO

MARATHON INCORPORATED
 Lease Owner/Company Name

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