

FLUID SAMPLE DATA				Date <u>8-2-72</u>		Ticket Number <u>529050</u>																																																																																																																																																		
Sampler Pressure _____ P.S.I.G. at Surface Recovery: Cu. Ft. Gas _____ cc. Oil _____ cc. Water _____ cc. Mud _____ Tot. Liquid cc. _____				Kind of Job <u>OPEN HOLE</u>		Halliburton District <u>FARMINGTON</u>																																																																																																																																																		
Gravity _____ ° API @ _____ ° F.				Tester <u>MR. DAVIS</u>		Witness <u>MR. WIRTH</u>																																																																																																																																																		
Gas/Oil Ratio _____ cu. ft./bbl.				Drilling Contractor <u>ARAPAHOE</u>		DR																																																																																																																																																		
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RESISTIVITY CHLORIDE CONTENT Recovery Water _____ @ _____ ° F. _____ ppm Recovery Mud _____ @ _____ ° F. _____ ppm Recovery Mud Filtrate _____ @ _____ ° F. _____ ppm Mud Pit Sample _____ @ _____ ° F. _____ ppm Mud Pit Sample Filtrate _____ @ _____ ° F. _____ ppm Mud Weight <u>9.1</u> vis <u>105</u> cp				Formation Tested <u>Picture Cliff</u>																																																																																																																																																				
				Elevation _____ 6613' _____ Ft.																																																																																																																																																				
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				All Depths Measured From <u>Rotary Kelly Bushing</u>																																																																																																																																																				
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				Main Hole/Casing Size _____ 9 7/8"																																																																																																																																																				
				Drill Collar Length _____ 566' I.D. <u>2 1/2"</u>																																																																																																																																																				
				Drill Pipe Length _____ 2373' I.D. <u>3.826"</u>																																																																																																																																																				
Packer Depth(s) _____ 2947' - 2954' _____ Ft.																																																																																																																																																								
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JICARILLA
 Lease Name
 16
 Well No.
 1
 Test No.
 2954'-3076'
 Tested Interval
 BASIN DAKOTA
 County
 RIO ARriba
 State
 NEW MEXICO
 MARATHON OIL COMPANY
 Lease Owner/Company Name

	O. D.	I. D.	LENGTH	DEPTH
Reversing Sub				
Water Cushion Valve				
Drill Pipe	4½"	3.826"	2373'	
Drill Collars	6½"	2.00"	566'	
Handling Sub & Choke Assembly	5"	1"	5'	
Dual CIP Valve				
Dual CIP Sampler	5"	.75"	4'	2939'
Hydro-Spring Tester				
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"		4'	2943'
Hydraulic Jar	5"	1"	5'	
VR Safety Joint	5"	1"	2'	
Pressure Equalizing Crossover				
Packer Assembly	8½"	1.6"	5'	2947'
Distributor				
Packer Assembly	8½"	1.6"	5'	2954'
Flush Joint Anchor	5 3/4"	2½"	19'	
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars	6½"	2½"	92'	
Anchor Pipe Safety Joint				
Packer Assembly				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor	5 3/4"	3½"	14'	
Blanked-Off B.T. Running Case	5 3/4"		4'	3072'