

FLUID SAMPLE DATA				Date	Ticket Number
Sampler Pressure <u>1400</u> P.S.I.G. at Surface				8-11-77	139002
Recovery: Cu. Ft. Gas <u>8.4</u>				Kind of Job	Halliburton District
cc. Oil <u>1350</u>				OPEN HOLE	ARTESIA
cc. Water _____				Tester	Witness
cc. Mud _____				HARTLEY & HANSEN	CHUCK HAMMER
Tot. Liquid cc. <u>350</u>				Drilling Contractor	MARCUM # 3 NM S
Gravity <u>48</u> ° API @ <u>60</u> ° F.				EQUIPMENT & HOLE DATA	
Gas/Oil Ratio <u>987.7</u> cu. ft./bbl.				Formation Tested	Wolfcamp
RESISTIVITY _____ CHLORIDE CONTENT _____				Elevation	3307' Ft.
Recovery Water _____ @ _____ ° F. _____ ppm				Net Productive Interval	7' Ft.
Recovery Mud _____ @ _____ ° F. _____ ppm				All Depths Measured From	(12') Rotary Kelly Bushing
Recovery Mud Filtrate _____ @ _____ ° F. _____ ppm				Total Depth	9250' Ft.
Mud Pit Sample _____ @ _____ ° F. _____ ppm				Main Hole/Casing Size	7 7/8"
Mud Pit Sample Filtrate _____ @ _____ ° F. _____ ppm				Drill Collar Length	675' I.D. 2.25"
Mud Weight <u>10</u> vis <u>30</u> sec				Drill Pipe Length	8366' I.D. 3.826"
Cushion TYPE AMOUNT				Packer Depth(s)	9077' - 9085' Ft.
WATER 500' Ft. Depth Back Pres. Valve				Surface Choke	FLOOR Bottom Choke 5/8"
Recovered 500' Feet of water blanket				MANIFOLD	
Recovered 80' Feet of oil cut mud				Field Area	
Recovered 2000' Feet of drilling mud				Med. From Tester Valve	
Recovered _____ Feet of _____				WINCHESTER	
Recovered _____ Feet of _____				County	
Remarks Had a blow on the drill pipe prior to the test - blow stopped...				EDDY	
Opened tool with a weak blow for a 13 minute first flow. Closed tool for a 58				State	
minute first closed in pressure. Tool reopened with a weak blow - which increased				NEW MEXICO	
to a strong blow. Closed tool for a 179 minute second closed in pressure.				Losses Owner/Company Name	
FOUND LEAK IN THE DRILL PIPE AT APPROXIMATELY 8000'.. SEE PRODUCTION TEST DATA				EXXON COMPANY, U.S.A.	
TEMPERATURE	Gauge No. 1920	Gauge No. 991	Gauge No. 693 SHEET...	TIME	
	Depth: 9043' Ft.	Depth: 9060' Ft.	Depth: 9246' Ft.		
Est. 140 ° F.	24 Hour Clock	24 Hour Clock	24 Hour Clock	Tool Blanked Off	NO YES
Actual ° F.	Pressures	Pressures	Pressures	Opened 1015 A.M.	Opened 1555 P.M.
	Field Office	Field Office	Field Office	By-pass	1555 P.M.
Initial Hydrostatic	-	4624	4617	4750	4759
First Period	Flow Initial	1266	1218	1287	1334
	Flow Final	1266	1261	1294	1377
	Closed in	1266	2082	2095	2104
Second Period	Flow Initial	1271	1261	1294	1377
	Flow Final	1268	1261	1294	1377
	Closed in	1268	1952	1972	2019
Third Period	Flow Initial				
	Flow Final				
	Closed in				
Final Hydrostatic	-	4624	4602	4750	4740

Legal Location Sec. - Twp. - Rng. 36 - 19 - 28
 Well No. 1
 Test No. 1
 Tested Interval 9085' - 9250'
 County EDDY
 State NEW MEXICO