

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		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 <u>Wolfcamp</u>			
RESISTIVITY				Elevation <u>3307'</u> Ft.			
CHLORIDE CONTENT				Net Productive Interval <u>7'</u> Ft.			
Recovery Water @ ° F. ppm				All Depths Measured From <u>(12')</u> Rotary Kelly Bushing			
Recovery Mud @ ° F. ppm				Total Depth <u>9250'</u> Ft.			
Recovery Mud Filtrate @ ° F. ppm				Main Hole/Casing Size <u>7 7/8"</u>			
Mud Pit Sample @ ° F. ppm				Drill Collar Length <u>675'</u> I.D. <u>2.25"</u>			
Mud Pit Sample Filtrate @ ° F. ppm				Drill Pipe Length <u>8366'</u> I.D. <u>3.826"</u>			
Mud Weight <u>10</u> vis <u>30</u> sec				Packer Depth(s) <u>9077' - 9085'</u> Ft.			
				Depth Tester Valve <u>9055'</u> Ft.			
TYPE		AMOUNT		Depth Back		Surface	
Cushion	<u>WATER</u>	<u>500'</u>		Ft. Pres. Valve	<u>NONE</u>	Choke	<u>FLOOR</u>
						Bottom Choke	<u>5/8"</u>
Recovered <u>500'</u> Feet of <u>water blanket</u> MANIFOLD							
Recovered <u>80'</u> Feet of <u>oil cut mud</u>							
Recovered <u>2000'</u> Feet of <u>drilling mud</u>							
Recovered Feet of							
Recovered Feet of							
Remarks <u>Had a blow on the drill pipe prior to the test - blow stopped...</u>							
<u>Opened tool with a weak blow for a 13 minute first flow. Closed tool for a 58</u>							
<u>minute first closed in pressure. Tool reopened with a weak blow - which increased</u>							
<u>to a strong blow. Closed tool for a 179 minute second closed in pressure.</u>							
<u>FOUND LEAK IN THE DRILL PIPE AT APPROXIMATELY 8000'.. SEE PRODUCTION TEST DATA</u>							
TEMPERATURE		Gauge No. <u>1920</u>		Gauge No. <u>991</u>		Gauge No. <u>693 SHEET...</u>	
Depth: <u>9043'</u> Ft.		Depth: <u>9060'</u> Ft.		Depth: <u>9246'</u> Ft.		TIME	
<u>24</u> Hour Clock		<u>24</u> Hour Clock		<u>24</u> Hour Clock		Tool	
Est. <u>140</u> ° F.		Blanked Off <u>NO</u>		Blanked Off <u>NO</u>		Opened <u>1015</u> A.M.	
						Opened A.M.	
Actual ° F.		Pressures		Pressures		Bypass <u>1555</u> P.M.	
		Field Office		Field Office		Reported	
						Minutes	
Initial Hydrostatic		<u>4624</u>		<u>4617</u>		<u>4750</u>	
First Period Flow Initial		<u>1266</u>		<u>1218</u>		<u>1334</u>	
Final		<u>1266</u>		<u>1287</u>		<u>1379</u>	
Closed in		<u>1266</u>		<u>1294</u>		<u>1377</u>	
		<u>2082</u>		<u>2095</u>		<u>2104</u>	
Second Period Flow Initial		<u>1271</u>		<u>1261</u>		<u>1377</u>	
Final		<u>1268</u>		<u>1294</u>		<u>1373</u>	
Closed in		<u>1268</u>		<u>1952</u>		<u>2019</u>	
						<u>2055</u>	
Third Period Flow Initial							
Final							
Closed in							
Final Hydrostatic		<u>4624</u>		<u>4602</u>		<u>4750</u>	
						<u>4740</u>	

Legal Location
Sec. - Twp. - Rng.

STATE C.U.

Well No.

Test No.

9085' - 9250'

Tested Interval

EXXON COMPANY, U.S.A.

Lease Owner/Company Name