

FLUID SAMPLER DATA				Date 12-14-69		Ticket Number 022907	
Sampler Pressure 2900 P.S.I.G. at Surface Recovery: Cu. Ft. Gas 15.2 cc. Oil 250 cc. Water _____ cc. Mud _____ Tot. Liquid cc. 250 Gravity _____ ° API @ _____ °F. Gas/Oil Ratio _____ cu. ft./bbl.				Kind of Job OPEN HOLE		Halliburton District LOVINGTON	
				Tester MR. PITTS		Witness -	
				Drilling Contractor TRI-SERVICE DRILLING COMPANY		DR S	
EQUIPMENT & HOLE DATA							
				Formation Tested Devonian			
				Elevation 4158 DF		Ft.	
				Net Productive Interval 65'		Ft.	
				All Depths Measured From Derrick Floor			
				Total Depth 12860		Ft.	
				Main Hole/Casing Size 7 7/8			
				Drill Collar Length 600 I.D. 2 1/4"			
				Drill Pipe Length 12212 I.D. 3.826			
				Packer Depth(s) 12789-12795		Ft.	
				Depth Tester Valve 12774		Ft.	
TYPE		AMOUNT		Depth Back		Surface	
Cushion		water 3002		Ft. Pres. Valve		Choke 1" Adj. Bottom Choke 5/8"	
Flowed Recovered 3002 Feet of cushion water Reversed Recovered 12654 Feet of gas Reversed Recovered 700 Feet of distillate Recovered 120 Feet of gas and distillate cut mud Recovered Feet of							
Remarks Opened tool for 9 minute first flow with a good blow increasing to a strong blow. Closed tool for 49 minute first closed in pressure. Reopened tool for 55 minute second flow with a strong blow, fluid to surface @ 8 minute, gas @ 12 min, distillate @ 49 minutes. Closed tool for 90 minute second closed in pressure.							
TEMPERATURE		Gauge No. 1398		Gauge No. 1397		Gauge No.	
		12852 Ft.		12856 Ft.		Ft.	
Est. °F.		24 Hour Clock		24 Hour Clock		Hour Clock	
		Blanked Off NO		Blanked Off YES		Blanked Off	
Actual 184 °F.		Pressures		Pressures		Pressures	
		Field Office		Field Office		Field Office	
Initial Hydrostatic		6514 6674		6548 6705			
First Period Flow Initial		1605 1666		1662 1678			
Final		1745 1776		1754 1795			
Closed in		4340 4354		4341 4383			
Second Period Flow Initial		1838 1848		1846 1855			
Final		2537 2560		2534 2576			
Closed in		4326 4361		4364 4387			
Third Period Flow Initial							
Final							
Closed in							
Final Hydrostatic		6514 6539		6548 6585			

 Legal Location
 Sec. - Twp. - Rng.

53S-12S-R34E

Field Area

RANGER LAKE

County

LEA

State NEW MEXICO

AMERADA STATE

Well No. 1

Test No. 1

12795'-12860'

Tested Interval

CAYMAN CORPORATION

Lease Owner/Company Name