

FLUID SAMPLE DATA				Date 9-1-72		Ticket Number 388059	
Sampler Pressure 10 P.S.I.G. at Surface				Kind of Job OPEN HOLE		Halliburton District ARTESIA	
Recovery: Cu. Ft. Gas _____				Tester MRL. HARTLEY		Witness MR. DAVIS	
cc. Oil _____				Drilling Contractor ARE DRILLING COMPANY BC S			
cc. Water _____				EQUIPMENT & HOLE DATA			
cc. Mud 2500				Formation Tested Lower Canyon			
Tot. Liquid cc. 2500				Elevation _____ Ft.			
Gravity _____ ° API @ _____ ° F.				Net Productive Interval 10' _____ Ft.			
Gas/Oil Ratio _____ cu. ft./bbl.				All Depths Measured From Kelly Bushing			
RESISTIVITY _____ CHLORIDE CONTENT _____				Total Depth 8786' _____ Ft.			
Recovery Water _____ @ _____ ° F. _____ ppm				Main Hole/Casing Size 7 7/8"			
Recovery Mud _____ @ _____ ° F. _____ ppm				Drill Collar Length 590' I.D. 2.25"			
Recovery Mud Filtrate _____ @ _____ ° F. _____ ppm				Drill Pipe Length 8080' I.D. 3.826"			
Mud Pit Sample _____ @ _____ ° F. _____ ppm				Packer Depth(s) 8704' - 8710' _____ Ft.			
Mud Pit Sample Filtrate _____ @ _____ ° F. _____ ppm				Depth Tester Valve 8670' _____ Ft.			
Mud Weight 9.2 vis 51 cp							
TYPE		AMOUNT		Depth Back		Surface	
Cushion				Ft. Pres. Valve		Choke 1" ADJ. Bottom Choke None	
Recovered	270	Feet of	Drilling mud				
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Remarks Tool opened with a weak blow for 15 minutes, closed and reopened tool with a slightly stronger blow for 15 minutes. Closed tool for 32 minute first closed in pressure. Reopened tool for 122 minute second flow with a fair blow. Closed tool for 121 minute second closed in pressure.							
TEMPERATURE		Gauge No. 1639		Gauge No. 1638		Gauge No.	
		Depth: 8686' Ft.		Depth: 8781' Ft.		Depth: _____ Ft.	
		24 Hour Clock		24 Hour Clock		Hour Clock	
Est. _____ ° F.		Blanked Off No		Blanked Off Yes		Blanked Off	
Actual 156 ° F.		Pressures		Pressures		Pressures	
		Field Office		Field Office		Field Office	
Initial Hydrostatic				4390 4382			
First Period	Flow Initial	Clock stopped...		196 1629			
	Flow Final			218 212			
	Closed in			349 338		30 30	
Second Period	Flow Initial			175 164			
	Flow Final			175 164		33 32	
	Closed in			1180 1254		120 122	
Third Period	Flow Initial						
	Flow Final					122 121	
	Closed in						
Final Hydrostatic				- 4362			

Legal Location Sec. - Twp. - Rng.
 Lease Name O'BRIEN BROTHERS
 Well No. 1
 Test No. 2
 Tested Interval 8710' - 8786'
 County WILDCAT
 CHAVES
 State NEW MEXICO
 Lease Owner/Company Name ROGER E. CANTER

FORMATION TEST DATA

LITTLE'S

C. S.