

FLUID SAMPLE DATA				Date 7-2-79		Ticket Number 604111			
Sampler Pressure 400 P.S.I.G. at Surface				Kind of Job OPEN HOLE TEST		Halliburton District HOBBS			
Recovery: Cu. Ft. Gas .01				Tester B. THURMAN		Witness R. ELMS			
cc. Oil				Drilling Contractor WARTON DRILLING COMPANY		PW			
cc. Water				EQUIPMENT & HOLE DATA					
cc. Mud 2400				Formation Tested Atoka					
Tot. Liquid cc. 2400				Elevation 3988' 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 12606' Ft.					
Recovery Water @ °F. ppm				Main Hole/Casing Size 7 7/8"					
Recovery Mud @ °F. ppm				Drill Collar Length 436' I.D. 2 1/4"					
Recovery Mud Filtrate @ °F. ppm				Drill Pipe Length 11946' I.D. 3.826"					
Mud Pit Sample @ °F. ppm				Packer Depth(s) 12402' - 12408' Ft.					
Mud Pit Sample Filtrate @ °F. ppm				Depth Tester Valve 12362' Ft.					
Mud Weight 9.1 vis 52 Sec. sp				Cushion TYPE AMOUNT Nitrogen 2000' Depth Back Ft. Pres. Valve Surface Choke 1" Bottom Choke 3/4"					
Recovered Feet of Water psi 2500				MAILED JUL 11 1973 HALLIBURTON SERVICES DUNCAN, OKLAHOMA					
Recovered 1953 Feet of water									
Recovered 285 Feet of drilling mud.									
Recovered Feet of									
Recovered Feet of									
Remarks - SEE PRODUCTION TEST DATA SHEET -				Field Area N. LOVINGTON					
				County LEA					
				State NEW MEXICO					
TEMPERATURE		Gauge No. 7652		Gauge No. 7653		Gauge No.		TIME	
Depth: 12387 Ft.		Depth: 12601 Ft.		Depth: Ft.		Hour Clock		Tool A.M.	
Est. °F.		24 Hour Clock		24 Hour Clock		Hour Clock		Opened 1055 P.M.	
Actual 180 °F.		Blanked Off No		Blanked Off Yes		Blanked Off		Opened A.M.	
Pressures		Pressures		Pressures		Pressures		Bypass 415 P.M.	
Field Office		Field Office		Field Office		Field Office		Reported Computed	
Initial Hydrostatic 6000		6021.1 6151		6153.5				Minutes Minutes	
Flow Initial 4055		4188.1 4137		4229.7					
Flow Final 1143		1132.6 1132		1188.3				75 76	
Closed in 3209		3272.7 3262		3341.3				60 62	
Flow Initial 995		1021.0 1023		1073.5					
Flow Final 1016		1014.7 1045		1077.9				65 63	
Closed in 3505		3553.9 3569		3628.0				120 119	
Flow Initial									
Flow Final									
Closed in									
Final Hydrostatic 5957		5972.5 6151		6052.6					