

FLUID SAMPLE DATA				Date 5-8-77		Ticket Number 778112	
Sampler Pressure _____ P.S.I.G. at Surface Recovery: Cu. Ft. Gas _____ cc. Oil _____ cc. Water _____ cc. Mud 2400 Tot. Liquid cc. 2400				Kind of Job OPEN HOLE		Halliburton District ARTESIA	
				Tester HARTLEY		Witness SCOTT & MORGAN NM	
Gravity _____ ° API @ _____ ° F.				Drilling Contractor W.E.K. RIG # 1			
Gas/Oil Ratio _____ cu. ft./bbl.				EQUIPMENT & HOLE DATA			
RESISTIVITY				Formation Tested San Andres			
CHLORIDE CONTENT				Elevation 4380.8' G.L. Ft.			
Recovery Water @ _____ ° F. ppm				Net Productive Interval 15' Ft.			
Recovery Mud @ _____ ° F. ppm				All Depths Measured From Kelly Bushing 10' AGL			
Recovery Mud Filtrate @ _____ ° F. ppm				Total Depth 4018' Ft.			
Mud Pit Sample @ _____ ° F. ppm				Main Hole/Casing Size 7 7/8"			
Mud Pit Sample Filtrate @ _____ ° F. ppm				Drill Collar Length 710' I.D. 2.250"			
				Drill Pipe Length 3213' I.D. 3.826"			
Mud Weight 10 vis 33 sec				Packer Depth(s) 3952' - 3958' Ft.			
				Depth Tester Valve 3931' Ft.			
Cushion		TYPE	AMOUNT	Depth Back Pres. Valve	Surface Choke	Bottom Choke	
			NONE	NONE	1" ADJ.	.75"	
Recovered	15'	Feet of	drilling mud				
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Remarks At 11:10 opened tool with a weak blow - which continued weak throughout the period. Closed tool for a 75 minute first closed in pressure. Tool reopened for a 60 minute second flow with no blow. Closed tool for a 165 minute second closed in pressure. At 4:40 Released packers..							
TEMPERATURE		Gauge No. 512	Gauge No. 113	Gauge No.	TIME		
		Depth: 3936' Ft.	Depth: 4014' Ft.	Depth:			
Est. _____ ° F.		12 Hour Clock	24 Hour Clock	Hour Clock		Tool A.M.	
		Blanked Off NO	Blanked Off YES	Blanked Off		Opened 11:10 P.M.	
Actual 100°F.		Pressures		Pressures		Opened A.M.	
		Pressures		Pressures		Bypass 4:40 P.M.	
	Field	Office	Field	Office	Field	Office	Reported
							Minutes
First Period	Initial Hydrostatic	2083	2118	2156	2168		
	Flow Initial	26	15	53	66		
	Flow Final	26	18	53	70		
Second Period	Closed in	53	38	79	90		
	Flow Initial	26	29	53	79		
	Flow Final	26	22	53	75		
Third Period	Closed in	39	38	66	90		
	Flow Initial						
	Flow Final						
Final Hydrostatic		2083	2097	2156	2158		

 Legal Location
 Sec - Twp - Rng.

14 - 8S - 31E

Field Area

WILDCAT

County

CHAVES

State

NEW MEXICO

ROBERTS FEDERAL 14

2

1

3958' - 4018' (60')

SUNDANCE OIL COMPANY

Lease Owner/Company Name

