FLUID SAMPLE DATA

Sampler Pressure 5.7 P.S.I.G. at Surface
Recovery: Cu. Ft. Gas 5.6
cc. Oil
cc. Water
cc. Mud
Tot. Liquid cc. 2000 cc
Gravity ° API @ °F.
Gas/Oil Ratio cu. ft./bbl.

	RESISTIVITY		CHLORIDE CONTENT
Recovery Water	@	°F.	ppm
Recovery Mud	@	°F.	ppm
Recovery Mud Filtrate	@	°F.	ppm
Mud Pit Sample	@	°F.	ppm
Mud Pit Sample Filtrate	@	°F.	ppm

Mud Weight vis sec.

Date 5-6-81 Ticket Number 033380
Kind of D.S.T. OPEN HOLE Halliburton Location HOBBS
Tester FULLER Witness HARRINGTON
Drilling Contractor WARTON DRILLING COMPANY RIG # 2 sm

EQUIPMENT & HOLE DATA

Formation Tested Bough "C"
Elevation 4203' ground Ft.
Net Productive Interval 49' Ft.
All Depths Measured From 16' Rotary kelly bushing
Total Depth 9995' Ft.
Main Hole/Casing Size 7 7/8"
Drill Collar Length 782' I.D. 2.25"
Drill Pipe Length 9135' I.D. 3.826"
Packer Depth(s) 9925-9932' Ft.
Depth Tester Valve 9894' Ft.

Cushion TYPE AMOUNT Ft. Depth Back Pres. Valve
Surface Choke 1" Adj Bottom Choke .75"

Recovered 3164 Feet of salt water
Recovered 1758 Feet of gas and slight oil cut mud
Recovered Feet of
Recovered Feet of
Recovered Feet of

Mea. From Tester Valve

Remarks SEE PRODUCTION TEST DATA SHEET

TEMPERATURE	Gauge No. 7653	Gauge No. 7652	Gauge No.	TIME (00:00-24:00 hrs.)
	Depth: 9913 Ft.	Depth: 9991 Ft.	Depth: Ft.	
	24 Hour Clock	24 Hour Clock	Hour Clock	Tool Opened 0616
Est. °F.	Blanked Off no	Blanked Off yes	Blanked Off	
Actual 190 °F.	Pressures	Pressures	Pressures	Opened Bypass 1047

		Field	Office	Field	Office	Field	Office	Reported Minutes	Computed Minutes
Initial Hydrostatic		4892.8	5024.7	4986.8	5100.7				
First Period	Initial Flow	350.9	359.0	377	403.3				
	Final Flow	1008.8	1012.7	1108.2	1085.7			30	*
	Closed in	3516.4	3573.9	3594.8	3635.0			61	*
Second Period	Initial Flow	1096.1	1101.3	1130.3	1137.5				
	Final Flow	1969.5	1964.6	1969.1	1992.3			60	*
	Closed in	3451	3494.3	3506.7	3545.8			120	*
Third Period	Initial Flow								
	Final Flow	*See special reading sheet							
	Closed in								
Final Hydrostatic		4914.7	5015.1	4986.8	5032.6				

Legal Location Sec. - Twp. - Rng. S-31 R 34E
Lease Name WARFIELD STATE
Well No. 1-Y
Test No. 2
Field Area RANGER LAKE
Tested Interval 9932 - 9995'
County LEA
State NEW MEXICO
Lease Owner/Company Name HARPER OIL COMPANY

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FORMATION TEST DATA

LITTLE'S