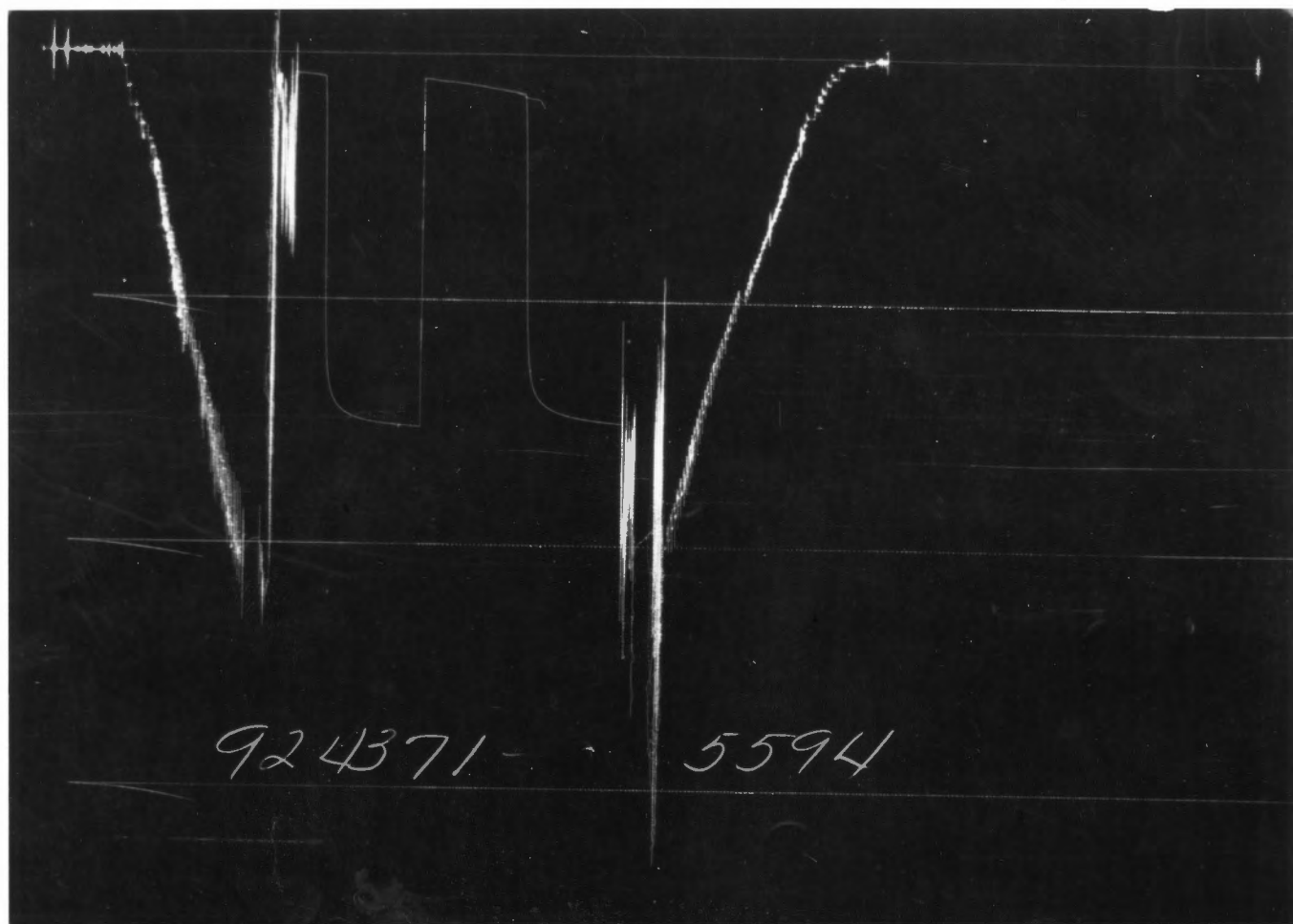


PRESSURE



TIME



Each Horizontal Line Equal to 1000 p.s.i.

FLUID SAMPLE DATA				Date 3-1-81		Ticket Number 924371	
Sampler Pressure _____ P.S.I.G. at Surface Recovery: Cu. Ft. Gas _____ cc. Oil _____ cc. Water _____ cc. Mud _____ Tot. Liquid 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 9.8 vis 45 ec.				Kind of D.S.T. OPEN HOLE Tester MR. DURHAM MR. TERNES		Halliburton Location WINFIELD Witness MCCALED	
Drilling Contractor RRA DRILLING COMPANY SM				EQUIPMENT & HOLE DATA			
Formation Tested Mississippi Chat				Elevation _____ Ft.			
Net Productive Interval _____ Ft.				All Depths Measured From Kelly bushing			
Total Depth 3890'				Main Hole/Casing Size 7 7/8"			
Drill Collar Length 458'				I.D. 2.25"			
Drill Pipe Length 3388'				I.D. 3.826"			
Packer Depth(s) 3874-3880'				Ft.			
Depth Tester Valve 3862'				Ft.			
TYPE		AMOUNT		Depth Back		Surface	
Cushion				Ft. Pres. Valve 3857'		DCIP Choke 1/4"	
						Bottom Choke 3/4"	
Recovered		250		Feet of		watery mud	
Recovered				Feet of			
Recovered				Feet of			
Recovered				Feet of			
Recovered				Feet of			
Remarks SEE PRODUCTION TEST DATA SHEET...Charts indicate slight partial plugging of anchor perforations during initial flow period.							
TEMPERATURE		Gauge No. 5595		Gauge No. 5594		Gauge No.	
		Depth: 3866 Ft.		Depth: 3886 Ft.		Depth: _____ Ft.	
		12 Hour Clock		12 Hour Clock		Hour Clock	
Est. 113 °F.		Blanked Off NO		Blanked Off YES		Blanked Off	
Actual _____ °F.		Pressures		Pressures		Pressures	
		Field		Office		Field	
		Office		Field		Office	
Initial Hydrostatic		1979.0		1986.8			
First Period	Flow Initial	84	76.3	102.6			
	Flow Final	105	85.7	94.5			
	Closed in	1524	1513.5	1520.2			
Second Period	Flow Initial	105	98.3	103.6			
	Flow Final	126	151.6	160.9			
	Closed in	1482	1494.7	1501.0			
Third Period	Flow Initial						
	Flow Final						
	Closed in						
Final Hydrostatic		1973.8		1976.7			
Tool						TIME (00:00-24:00 hrs.)	
Opened		1753					
Opened							
Bypass		2123					
		Reported		Computed			
		Minutes		Minutes			

Legal Location **SE NE SW 28 30S 3W**
 Lease Name **THEM**
 Well No. **1**
 Test No. **1**
 Tested Interval **3880 - 3890'**
 County **SUMNER**
 State **KANSAS**
 Lease Owner/Company Name **PATRICK PETROLEUM COMPANY**

INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED

[illegible]

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Drill Collars				
Reversing Sub	5 3/4"	3"	1'	
Water Cushion Valve				
Drill Pipe	4.5"	3.826"	3388'	
Drill Collars	?	2.25"	458'	
Handling Sub & Choke Assembly	4 1/2"	3.826"	5'	
Dual CIP Valve	5"	.85"	5'	3857'
Dual CIP Sampler				
Hydro-Spring Tester	5"	.75"	4'	3862'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	3.75"	4'	3866'
Hydraulic Jar				
VR Safety Joint				
Pressure Equalizing Crossover				
Packer Assembly	6 3/4"	1.75"	6'	3874'
Distributor				
Packer Assembly	6 3/4"	1.75"	6'	3880'
Flush Joint Anchor				
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor	5"	3.84"	6'	
Blanked-Off B.T. Running Case	5"	2.75"	4'	3886'
Total Depth				3890'