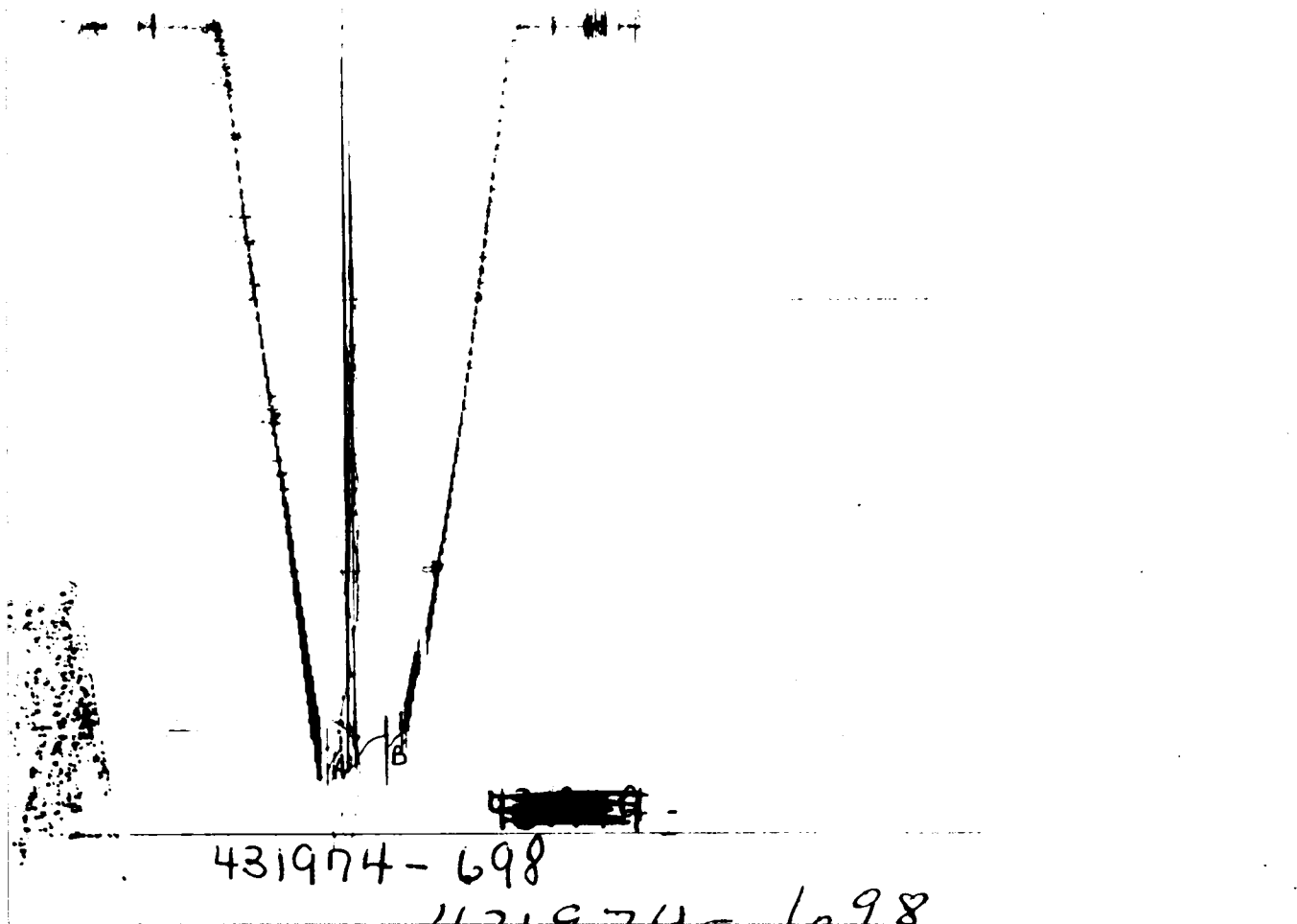




TICKET NO. 43197400
 28-OCT-82
 PRATT

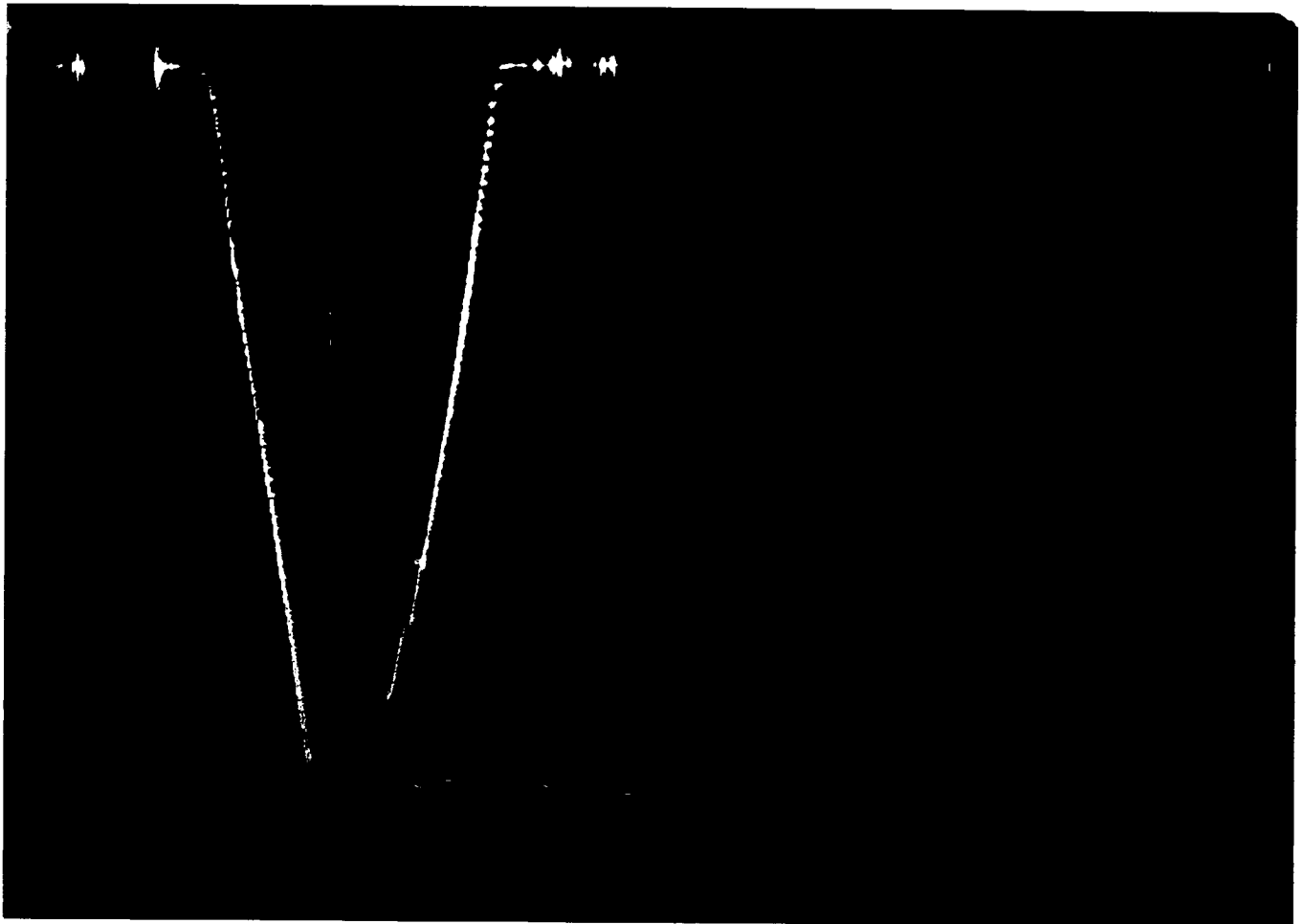
FORMATION TESTING SERVICE REPORT

LEGAL LOCATION SEC. - TYP. - RMG.	3-4	WELL NO.	5	TEST NO.	3094	TESTED INTERVAL	3134	LEASE OWNER/COMPANY NAME	THE MINERAL L. COMPANY
	22-30-18			FIELD AREA		COUNTY	KIOWA	STATE	KANSAS PW/IC



GAUGE NO: 698 DEPTH: 5073.0 BLANKED OFF: NO HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC		2679.4			
B	FINAL HYDROSTATIC		2628.2			



GAUGE NO: 697 DEPTH: 5131.0 BLANKED OFF: YES HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC		2698.3			
B	FINAL HYDROSTATIC		2648.0			

EQUIPMENT & HOLE DATA

FORMATION TESTED: MISSISSIPPI
 NET PAY (ft): _____
 GROSS TESTED FOOTAGE: 40.0
 ALL DEPTHS MEASURED FROM: KELLY BUSHING
 CASING PERFS. (ft): _____
 HOLE OR CASING SIZE (in): 7.875
 ELEVATION (ft): 2232
 TOTAL DEPTH (ft): 5134.0
 PACKER DEPTH(S) (ft): 5088, 5094
 FINAL SURFACE CHOKE (in): 1.000
 BOTTOM HOLE CHOKE (in): 0.750
 MUD WEIGHT (lb/gal): 9.60
 MUD VISCOSITY (sec): 54
 ESTIMATED HOLE TEMP. (°F): _____
 ACTUAL HOLE TEMP. (°F): 96 @ 5129.0 ft

TICKET NUMBER: 43197400
 DATE: 10-19-82 TEST NO: 3
 TYPE DST: OPEN HOLE
 HALLIBURTON CAMP: PRATT
 TESTER: L. R. PARKER
 WITNESS: B. MILLER
 DRILLING CONTRACTOR: ABERCROMBIE DRILLING COMPANY

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES	
_____	_____ @ _____ °F	_____ ppm	
_____	_____ @ _____ °F	_____ ppm	
_____	_____ @ _____ °F	_____ ppm	
_____	_____ @ _____ °F	_____ ppm	
_____	_____ @ _____ °F	_____ ppm	
_____	_____ @ _____ °F	_____ ppm	

SAMPLER DATA

Pstg AT SURFACE: _____
 cu.ft. OF GAS: _____
 cc OF OIL: _____
 cc OF WATER: _____
 cc OF MUD: _____
 TOTAL LIQUID cc: _____

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): _____ @ _____ °F
 GAS/OIL RATIO (cu.ft. per bbl): _____
 GAS GRAVITY: _____

CUSHION DATA
















TYPE	AMOUNT	WEIGHT
_____	_____	_____
_____	_____	_____

RECOVERED:

MEASURED FROM TESTER VALVE

REMARKS:

UNSUCCESSFUL TEST - PACKER SEAT FAILURE

		O.D.	I.D.	LENGTH	DEPTH
1	 DRILL PIPE.....	4.500	3.826	4675.0	
4	 FLEX WEIGHT.....	4.500	2.764	291.0	
50	 IMPACT REVERSING SUB.....	6.000	2.750	1.0	4966.0
4	 FLEX WEIGHT.....	4.500	2.764	93.0	
5	 CROSSOVER.....	6.000	2.250	1.0	
12	 DUAL CIP VALVE.....	5.000	0.870	6.0	
60	 HYDROSPRING TESTER.....	5.000	0.750	5.0	5071.0
80	 AP RUNNING CASE.....	5.000	3.060	4.0	5073.0
15	 JAR.....	5.000	1.750	5.0	
16	 VR SAFETY JOINT.....	5.000	1.000	3.0	
70	 OPEN HOLE PACKER.....	6.750	1.530	6.0	5088.0
70	 OPEN HOLE PACKER.....	6.750	1.530	6.0	5094.0
20	 FLUSH JOINT ANCHOR.....	5.000	2.370	33.0	
83	 HT-500 TEMPERATURE CASE.....	5.000	2.440	1.0	5129.0
81	 BLANKED-OFF RUNNING CASE.....	5.000	2.440	4.0	5131.0
	TOTAL DEPTH				5134.0

EQUIPMENT DATA