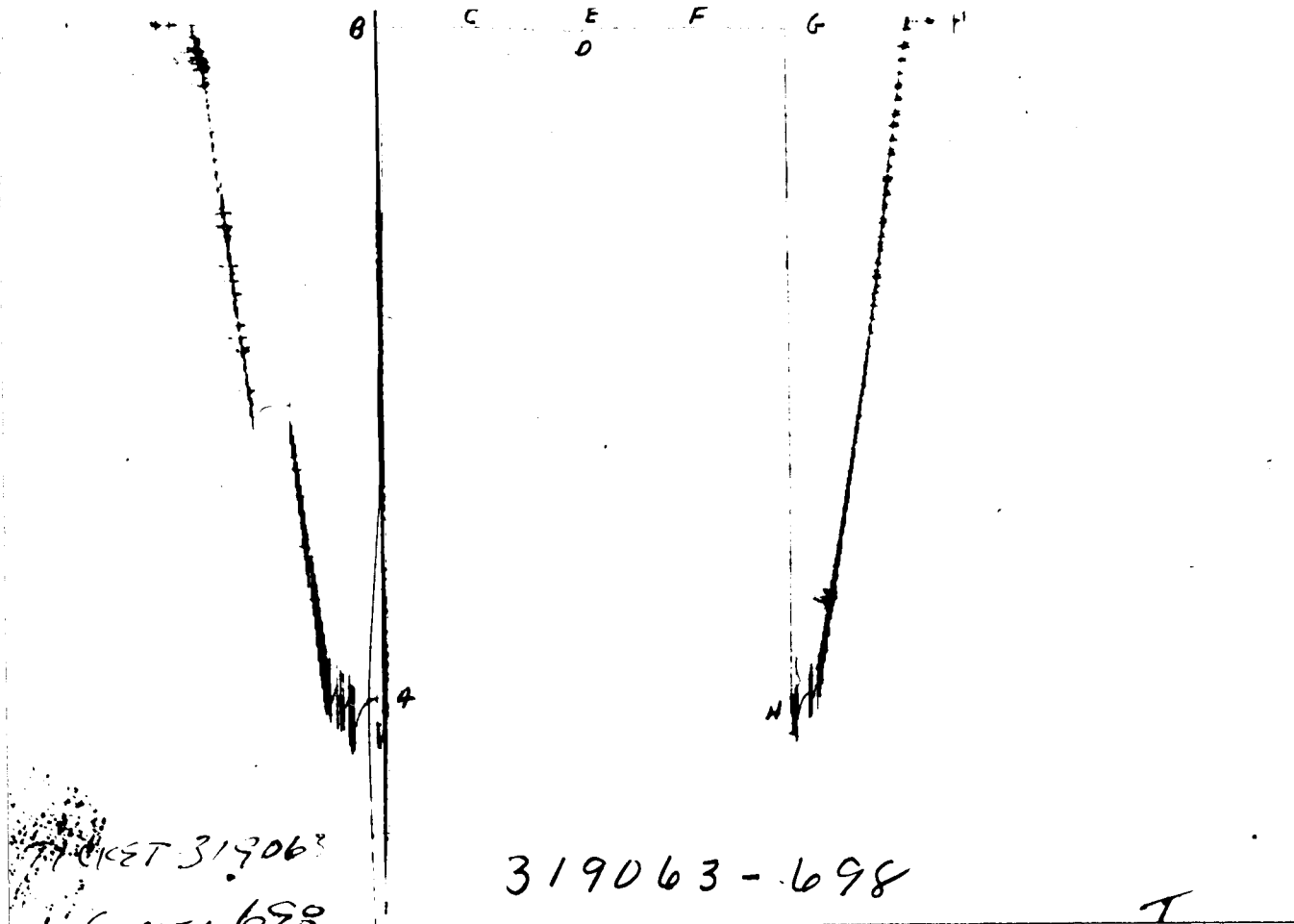


TICKET NO. 31906300  
28-OCT-82  
PRATT

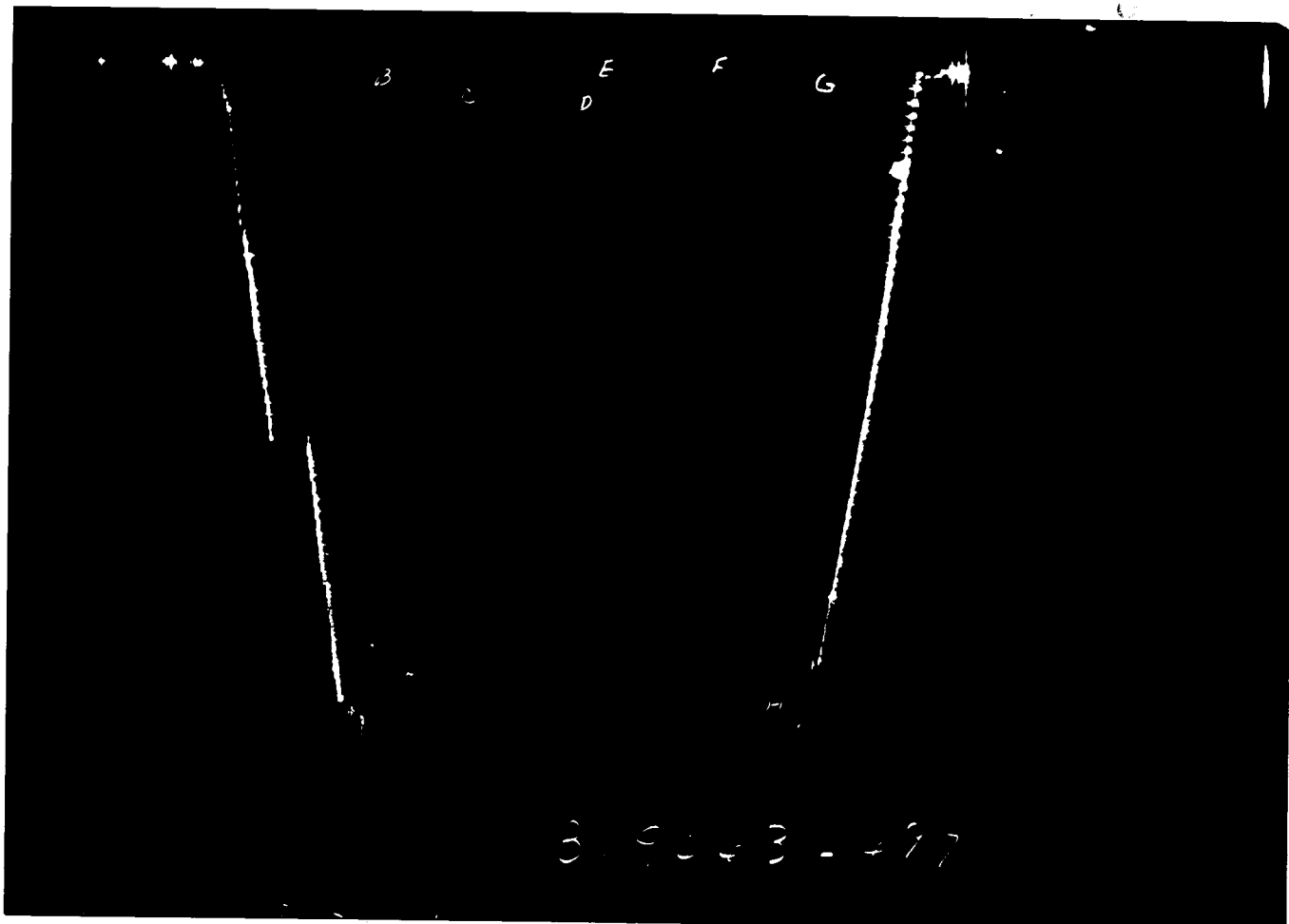
# FORMATION TESTING SERVICE REPORT

LEGAL LOCATION SEC. - TWP. - RNG.	WELL NO.	TEST NO.	TESTED INTERVAL	LEASE OWNER/COMPANY NAME
22-30-18W	B-4	1	4900. - - 4963.	THE MAURICE L. BROWN COMPANY
FIELD AREA	COUNTY	STATE		
	KIOWA	KANSAS		DR/NM



GAUGE NO: 698 DEPTH: 4879.0 BLANKED OFF: NO HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC		2490.9			
B	INITIAL FIRST FLOW		12.1			
C	FINAL FIRST FLOW		16.1	60.0	60.0	F
C	INITIAL FIRST CLOSED-IN		16.1			
D	FINAL FIRST CLOSED-IN		35.2	62.0	62.0	C
E	INITIAL SECOND FLOW		29.3			
F	FINAL SECOND FLOW		22.4	60.0	60.0	F
F	INITIAL SECOND CLOSED-IN		22.4			
G	FINAL SECOND CLOSED-IN		27.9	60.0	60.0	C
H	FINAL HYDROSTATIC		2481.8			



GAUGE NO: 697 DEPTH: 4960.0 BLANKED OFF: YES HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	2513	2525.0			
B	INITIAL FIRST FLOW	59	55.6			
C	FINAL FIRST FLOW	59	58.8	60.0	60.0	F
C	INITIAL FIRST CLOSED-IN	59	58.8			
D	FINAL FIRST CLOSED-IN	69	75.8	62.0	62.0	C
E	INITIAL SECOND FLOW	59	73.1			
F	FINAL SECOND FLOW	59	63.0	60.0	60.0	F
F	INITIAL SECOND CLOSED-IN	59	63.0			
G	FINAL SECOND CLOSED-IN	69	68.0	60.0	60.0	C
H	FINAL HYDROSTATIC	2492	2528.8			

## EQUIPMENT & HOLE DATA

FORMATION TESTED: MARMATON  
 NET PAY (ft): \_\_\_\_\_  
 GROSS TESTED FOOTAGE: 63.0  
 ALL DEPTHS MEASURED FROM: KELLY BUSHING  
 CASING PERFS. (ft): \_\_\_\_\_  
 HOLE OR CASING SIZE (in): 8.625  
 ELEVATION (ft): 2232  
 TOTAL DEPTH (ft): 4963.0  
 PACKER DEPTH(S) (ft): 4894, 4900  
 FINAL SURFACE CHOKE (in): 0.250  
 BOTTOM HOLE CHOKE (in): 0.750  
 MUD WEIGHT (lb/gal): 9.30  
 MUD VISCOSITY (sec): 38  
 ESTIMATED HOLE TEMP. (°F): 113  
 ACTUAL HOLE TEMP. (°F): \_\_\_\_\_ @ \_\_\_\_\_ ft

TICKET NUMBER: 31906300  
 DATE: 10-16-82 TEST NO: 1  
 TYPE DST: OPEN HOLE  
 HALLIBURTON CAMP: PRATT  
 TESTER: DON GRAHAM  
 WITNESS: BUD MILLER  
 DRILLING CONTRACTOR: ABERCROMBIE # 6

### FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
<u>PIT</u>	_____ @ _____ °F	<u>20000</u> 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:



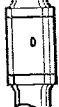















20 FEET OF MUD

MEASURED FROM TESTER VALVE

### REMARKS:

HAD FAILURE ON HT-500 TEMPERATURE GAUGE - NO READING AVAILABLE.



		O.D.	I.D.	LENGTH	DEPTH	
1		DRILL PIPE.....	4.500	3.826	4617.0	
4		FLEX WEIGHT.....	4.500	2.764	124.0	
50		IMPACT REVERSING SUB.....	6.000	2.000	1.0	4741.0
4		FLEX WEIGHT.....	6.250	2.250	124.0	
5		CROSSOVER.....	6.000	2.000	1.0	
12		DUAL CIP VALVE.....	5.000	0.870	6.0	
60		HYDROSPRING TESTER.....	5.000	0.750	5.0	4877.0
80		AP RUNNING CASE.....	5.000	3.060	4.0	4879.0
15		JAR.....	5.000	1.500	5.0	
16		VR SAFETY JOINT.....	5.000	1.000	3.0	
70		OPEN HOLE PACKER.....	6.750	1.530	6.0	4894.0
70		OPEN HOLE PACKER.....	6.750	1.530	6.0	4900.0
5		CROSSOVER.....	6.000	2.000	1.0	
4		FLEX WEIGHT.....	4.500	2.760	31.0	
5		CROSSOVER.....	6.000	2.000	1.0	
20		FLUSH JOINT ANCHOR.....	5.000	2.360	23.0	
83		HT-500 TEMPERATURE CASE.....	5.000	2.250	1.0	4958.0
81		BLANKED-OFF RUNNING CASE.....	5.000	2.440	4.0	4960.0
		TOTAL DEPTH			4963.0	