

*SWSW*

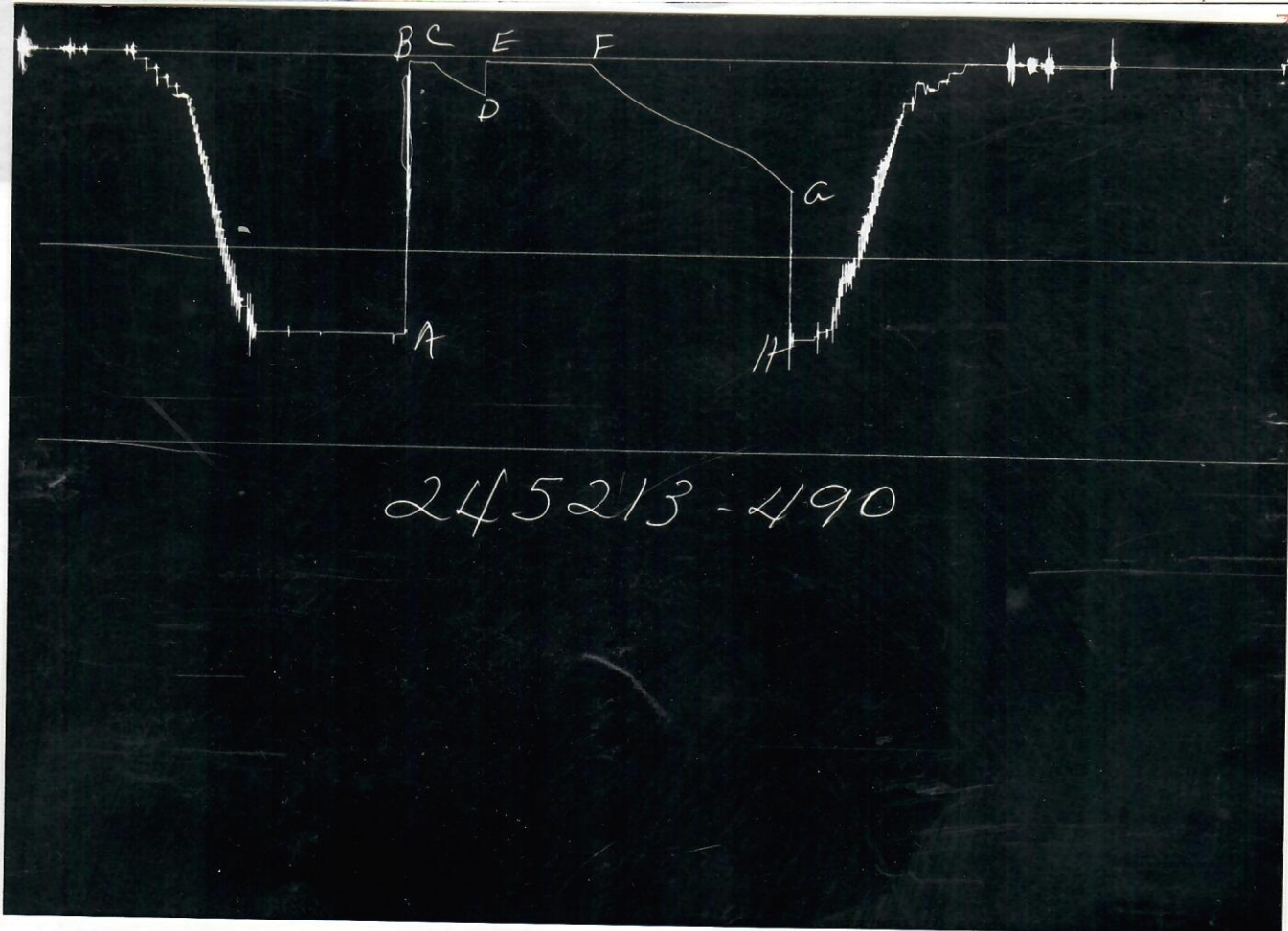


TICKET NO. 24521300  
18-OCT-85  
VERNAL

# FORMATION TESTING SERVICE REPORT

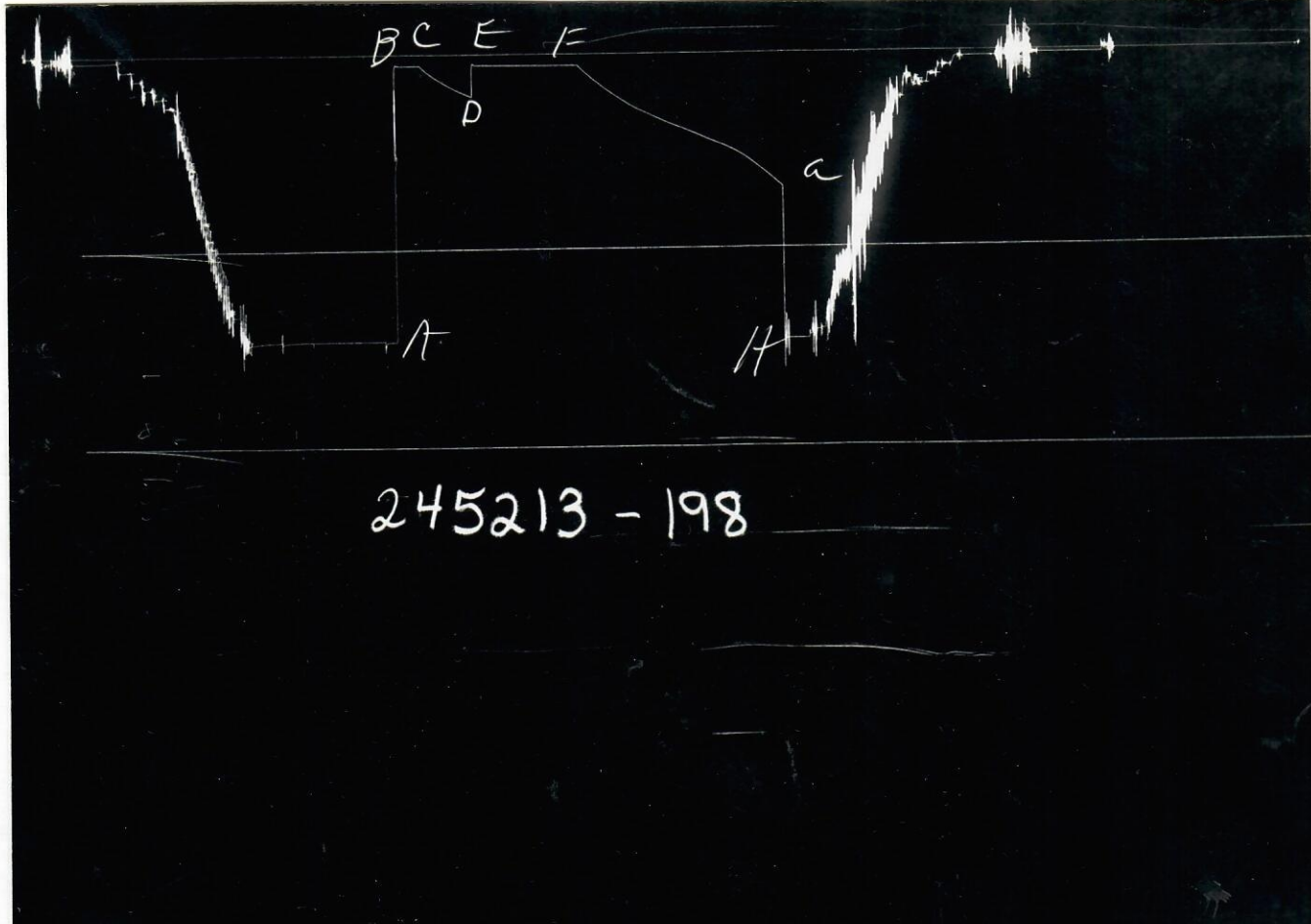
LEGAL LOCATION SEC. - TWP. - RNG.	LEASE NAME <b>GREEN</b>	WELL NO. <b>32-14</b>	TEST NO. <b>1</b>	TESTED INTERVAL <b>2969.4 - 3010.0</b>	LEASE OWNER/COMPANY NAME <b>B.W.R.B. INCORPORATED</b>
			FIELD AREA <b>WILDCAT</b>	COUNTY <b>MOFFAT</b>	STATE <b>COLORADO</b>
					<b>SM</b>





GAUGE NO: 490 DEPTH: 2948.4 BLANKED OFF: NO HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	1426	1427.7			
B	INITIAL FIRST FLOW	27	34.5			
C	FINAL FIRST FLOW	27	36.4	15.0	15.0	F
C	INITIAL FIRST CLOSED-IN	27	36.4			
D	FINAL FIRST CLOSED-IN	201	197.7	30.0	30.0	C
E	INITIAL SECOND FLOW	27	24.1			
F	FINAL SECOND FLOW	27	32.4	60.0	60.0	F
F	INITIAL SECOND CLOSED-IN	27	32.4			
G	FINAL SECOND CLOSED-IN	655	655.9	116.0	116.0	C
H	FINAL HYDROSTATIC	1426	1423.1			



GAUGE NO: 198 DEPTH: 3007.0 BLANKED OFF: YES HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	1452	1462.5			
B	INITIAL FIRST FLOW	53	55.1			
C	FINAL FIRST FLOW	53	57.4	15.0	15.0	F
C	INITIAL FIRST CLOSED-IN	53	57.4			
D	FINAL FIRST CLOSED-IN	227	217.9	30.0	30.0	C
E	INITIAL SECOND FLOW	53	48.4			
F	FINAL SECOND FLOW	53	59.9	60.0	60.0	F
F	INITIAL SECOND CLOSED-IN	53	59.9			
G	FINAL SECOND CLOSED-IN	690	686.4	116.0	116.0	C
H	FINAL HYDROSTATIC	1452	1460.0			

### EQUIPMENT & HOLE DATA

FORMATION TESTED: LEWIS  
 NET PAY (ft): 10.0  
 GROSS TESTED FOOTAGE: 40.6  
 ALL DEPTHS MEASURED FROM: KELLY BUSHING  
 CASING PERFS. (ft): \_\_\_\_\_  
 HOLE OR CASING SIZE (in): 7.875  
 ELEVATION (ft): 7036.0 KELLY BUSHING  
 TOTAL DEPTH (ft): 3010.0  
 PACKER DEPTH(S) (ft): 2963. 2969  
 FINAL SURFACE CHOKE (in): \_\_\_\_\_  
 BOTTOM HOLE CHOKE (in): 0.750  
 MUD WEIGHT (lb/gal): 9.10  
 MUD VISCOSITY (sec): 52  
 ESTIMATED HOLE TEMP. (°F): \_\_\_\_\_  
 ACTUAL HOLE TEMP. (°F): 98 @ 3006.0 ft

TICKET NUMBER: 24521300

DATE: 10-14-85 TEST NO: 1

TYPE DST: OPEN HOLE

HALLIBURTON CAMP:  
VERNAL

TESTER: RANDY RIPPLE

WITNESS: MR. JOHN WILLIAMS

DRILLING CONTRACTOR:  
SHELBY #11

### FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
<u>MUD PIT</u>	<u>0.125 @ 68 °F</u>	<u>35151 ppm</u>
<u>RECOVERY MUD</u>	<u>0.125 @ 68 °F</u>	<u>35151 ppm</u>
<u>SAMPLER</u>	<u>0.125 @ 68 °F</u>	<u>35151 ppm</u>
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm

### SAMPLER DATA

Pstg AT SURFACE: 22.0  
 cu.ft. OF GAS: 0.040  
 cc OF OIL: \_\_\_\_\_  
 cc OF WATER: \_\_\_\_\_  
 cc OF MUD: 1850.0  
 TOTAL LIQUID cc: 1850.0

### HYDROCARBON PROPERTIES

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

### CUSHION DATA

TYPE	AMOUNT	WEIGHT
_____	_____	_____
_____	_____	_____

### RECOVERED:















60 FEET OF DRILLING MUD

MEASURED FROM  
TESTER VALVE

### REMARKS:

CHARTS INDICATE THE POSSIBLE PRESENCE OF MORE THAN ONE ZONE WITHIN THE TESTED INTERVAL AND/OR POSSIBLE CROSS FLOW (COMMUNICATION BETWEEN LAYERS).



		O.D.	I.D.	LENGTH	DEPTH	
1		DRILL PIPE.....	4.500	3.826	2468.0	
3		DRILL COLLARS.....	6.250	2.375	374.2	
50		IMPACT REVERSING SUB.....	6.000	2.875	0.9	2843.0
3		DRILL COLLARS.....	6.250	2.375	91.4	
5		CROSSOVER.....	5.750	2.313	1.0	
13		DUAL CIP SAMPLER.....	5.000	0.750	7.0	
60		HYDROSPRING TESTER.....	5.000	0.750	5.0	2946.4
80		AP RUNNING CASE.....	5.000	2.250	4.1	2948.4
15		JAR.....	5.000	1.750	5.0	
16		VR SAFETY JOINT.....	5.000	1.000	2.8	
70		OPEN HOLE PACKER.....	7.000	1.530	5.8	2963.4
70		OPEN HOLE PACKER.....	7.000	1.530	5.8	2969.4
20		FLUSH JOINT ANCHOR.....	5.000	2.500	35.0	
81		BLANKED-OFF RUNNING CASE.....	5.000		4.1	3007.0
TOTAL DEPTH						3010.0

EQUIPMENT DATA