ANADARKO PETROLEUM CORPORATION

LEASE : PERRY "B"

WELL NO.: 1

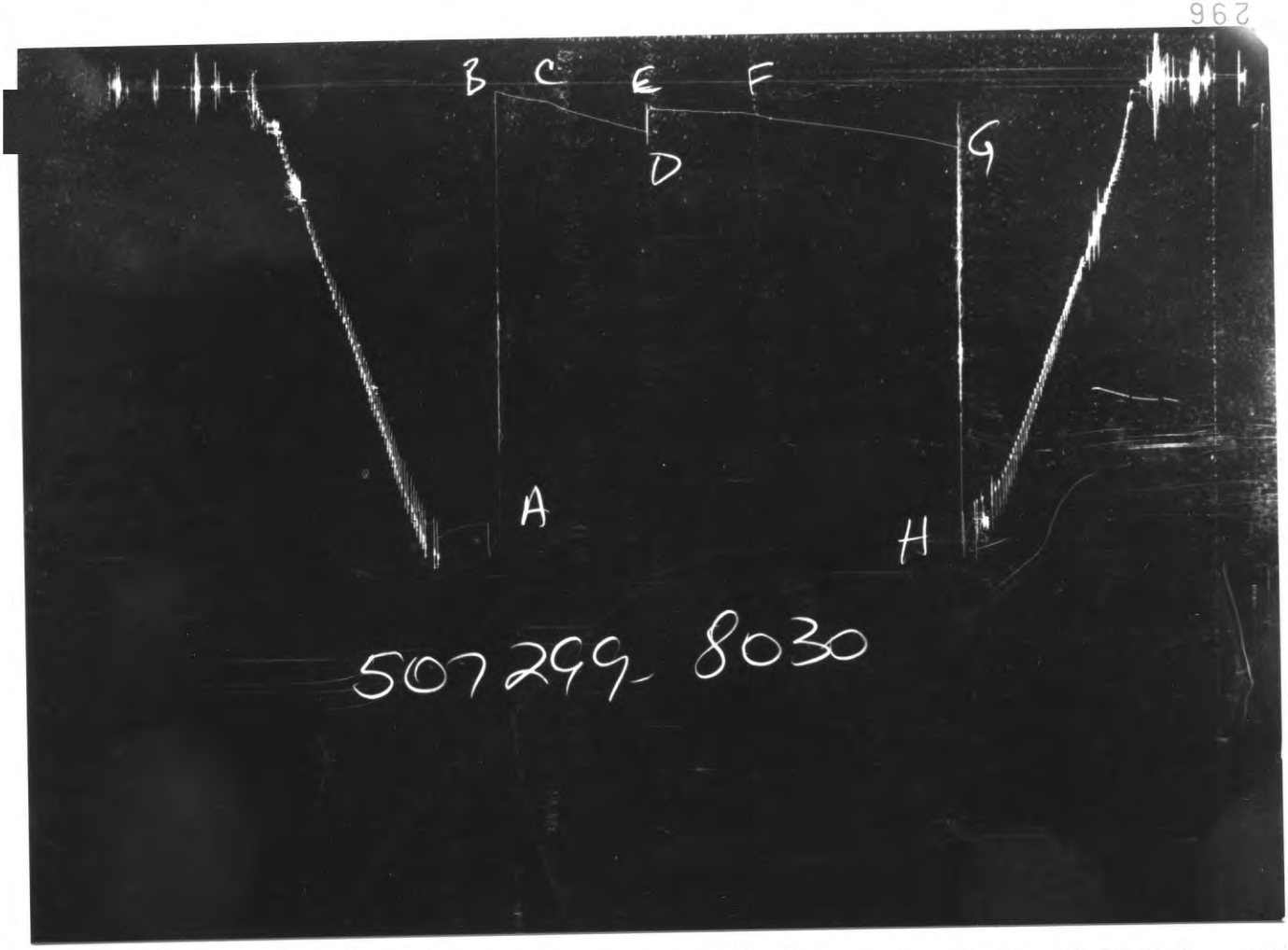
TEST NO.: 1

TICKET NO. 50729900
26-AUG-93
LIBERAL

DST REPORT PRODUCED BY HRS
A DIVISION OF HALLIBURTON COMPANY

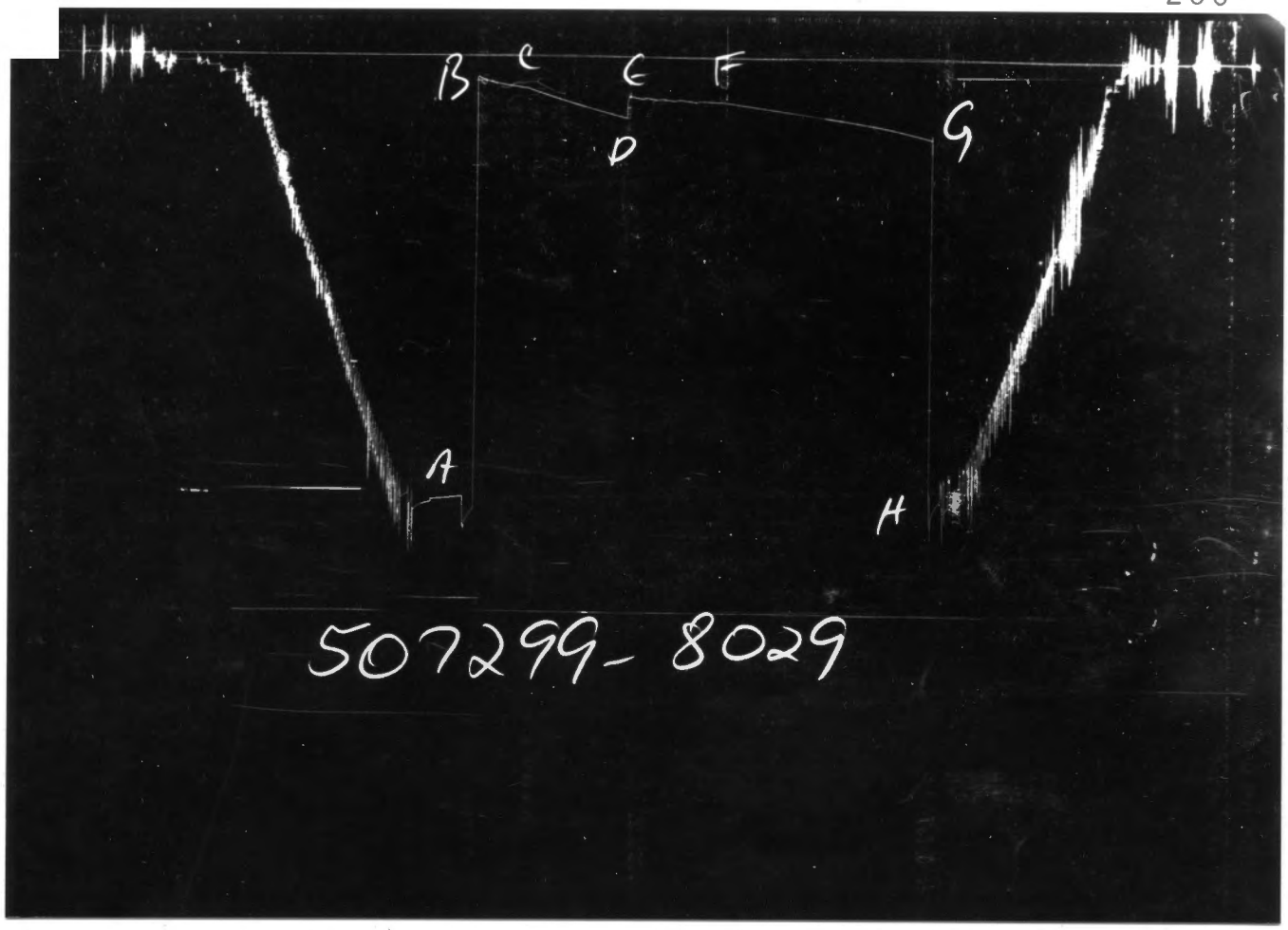
PERRY "B"
LEASE NAME
1
WELL NO.
1
TEST NO.
6049.3 - 6200.0
TESTED INTERVAL
ANADARKO PETROLEUM CORPORATION
LEASE OWNER/COMPANY NAME

LEGAL LOCATION SEC - TWP - RNG
4 - 33 S - 38 W
FIELD AREA
GENTZLER
COUNTY
STEVENS
STATE
KANSAS



GAUGE NO: 8030 DEPTH: 6028.7 BLANKED OFF: NO HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	2889	2867.1			
B	INITIAL FIRST FLOW	52	60.0	30.0	29.4	F
C	FINAL FIRST FLOW	130	122.5			
C	INITIAL FIRST CLOSED-IN	130	122.5	60.0	59.9	C
D	FINAL FIRST CLOSED-IN	325	325.2			
E	INITIAL SECOND FLOW	162	215.1	61.0	57.9	F
F	FINAL SECOND FLOW	211	207.1			
F	INITIAL SECOND CLOSED-IN	211	207.1	121.0	124.8	C
G	FINAL SECOND CLOSED-IN	455	439.3			
H	FINAL HYDROSTATIC	2857	2840.5			



GAUGE NO: 8029 DEPTH: 6197.0 BLANKED OFF: YES HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	2952	2946.6			
B	INITIAL FIRST FLOW	134	144.0	30.0	29.4	F
C	FINAL FIRST FLOW	228	208.9			
C	INITIAL FIRST CLOSED-IN	228	208.9	60.0	59.9	C
D	FINAL FIRST CLOSED-IN	405	403.4			
E	INITIAL SECOND FLOW	234	295.3	61.0	57.9	F
F	FINAL SECOND FLOW	298	295.6			
F	INITIAL SECOND CLOSED-IN	298	295.6	121.0	124.8	C
G	FINAL SECOND CLOSED-IN	535	528.5			
H	FINAL HYDROSTATIC	2952	2918.2			

EQUIPMENT & HOLE DATA

FORMATION TESTED: MORROW
NET PAY (ft): 30.0
GROSS TESTED FOOTAGE: 150.8
ALL DEPTHS MEASURED FROM: GROUND LEVEL
CASING PERFS. (ft):
HOLE OR CASING SIZE (in): 7.875
ELEVATION (ft): 3175.0
TOTAL DEPTH (ft): 6200.0
PACKER DEPTH(S) (ft): 6043, 6049
FINAL SURFACE CHOKE (in):
BOTTOM HOLE CHOKE (in): 0.750
MUD WEIGHT (lb/gal): 9.00
MUD VISCOSITY (sec): 55
ESTIMATED HOLE TEMP. (°F):
ACTUAL HOLE TEMP. (°F): 139 @ 6195.0 ft

TICKET NUMBER: 50729900
DATE: 08-22-93 TEST NO: 1
TYPE DST: OPEN HOLE
FIELD CAMP: LIBERAL
TESTER: L.D. GRANT
WITNESS: JOHN SCHILLING
DRILLING CONTRACTOR: GABBERT AND JONES DRILLING COMPANY #12

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY		CHLORIDES
PIT	1.420 @ 78 °F		2490 ppm
TOP	1.150 @ 78 °F		3237 ppm
SAMPLER	1.420 @ 78 °F		2490 ppm
	@ °F		ppm
	@ °F		ppm
	@ °F		ppm

SAMPLER DATA

Psig AT SURFACE: 192.0
cu.ft. OF GAS:
cc OF OIL:
cc OF WATER:
cc OF MUD: 2240.0
TOTAL LIQUID cc: 2240.0

HYDROCARBON PROPERTIES

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

CUSHION DATA

TYPE	AMOUNT	WEIGHT

RECOVERED:

380 FEET OF DRILLING MUD

MEASURED FROM TESTER VALVE

REMARKS:

TYPE & SIZE MEASURING DEVICE: _____ TICKET NO: 50729900

TIME	CHOKE SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID RATE BPD	REMARKS
08-21-93					
2400					CALLED OUT; REQUESTED TO BE
					READY AT 0200 HOURS
08-22-93					
0145					ON LOCATION; RIG TRIPPING OUT
					OF THE HOLE
0200					OUT OF HOLE
0240					STARTED GAUGE # 8029
0244					STARTED GAUGE # 8030
0248					PICKED UP AND MADE UP TOOL
0345					TOOL MADE UP AND IN TABLE;
					TRIPPED IN HOLE
0622					TOOL ON BOTTOM, 112,000# DOWN,
					82,000# UP
0626	BH				TOOL OPENED, VERY SLIGHT BLOW
0656	BH				CLOSED TOOL, VERY SLIGHT BLOW
0756	BH				OPENED TOOL, VERY SLIGHT BLOW
0857	BH				CLOSED TOOL, WELL DEAD 51
					MINUTES INTO FLOW
1058					OPENED BYPASS, PULLED OFF
					BOTTOM
1100					TRIPPED OUT OF THE HOLE
1315					TOOL IN TABLE, BROKE OUT, LAID
					DOWN
1405					TOOL LOADED OUT
					READ CHARTS
1500					FINISHED, RELEASED

TICKET NO: 50729900

CLOCK NO: 3462 HOUR: 12

GAUGE NO: 8030

DEPTH: 6028.7

REF		MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
			FIRST FLOW			
B	1	0.0	60.0			
	2	5.0	71.6	11.6		
	3	10.0	87.2	15.6		
	4	15.0	99.3	12.1		
	5	20.0	108.8	9.5		
	6	25.0	117.3	8.4		
C	7	29.4	122.5	5.3		
			FIRST CLOSED-IN			
C	1	0.0	122.5			
	2	5.0	147.5	25.0	4.3	0.836
	3	10.0	173.3	50.7	7.5	0.596
	4	15.0	190.8	68.2	9.9	0.471
	5	20.0	206.7	84.2	11.9	0.393
	6	25.0	222.9	100.4	13.5	0.338
	7	30.0	239.0	116.4	14.9	0.297
	8	35.0	249.9	127.4	16.0	0.265
	9	40.0	269.3	146.8	16.9	0.239
	10	45.0	283.3	160.8	17.8	0.218
	11	50.0	296.5	174.0	18.5	0.201
	12	55.0	312.8	190.2	19.2	0.186
D	13	59.8	325.2	202.6	19.7	0.174
			SECOND FLOW			
E	1	0.0	215.1			
	2	5.0	179.3	-35.8		
	3	10.0	184.2	4.9		
	4	15.0	185.2	1.0		
	5	20.0	189.8	4.6		
	6	25.0	191.4	1.6		
	7	30.0	194.7	3.3		
	8	34.9	196.5	1.8		
	9	40.0	202.5	6.0		
	10	45.0	203.6	1.1		
	11	50.0	203.9	0.3		
	12	55.0	206.0	2.1		
F	13	57.9	207.1	1.1		
			SECOND CLOSED-IN			
F	1	0.0	207.1			
	2	10.0	229.4	22.3	9.0	0.989
	3	20.0	250.7	43.6	16.3	0.729
	4	30.0	263.6	56.5	22.3	0.592
	5	40.0	278.2	71.1	27.4	0.503
	6	50.0	292.9	85.8	31.8	0.439
	7	60.0	307.8	100.7	35.6	0.390

REF		MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
			SECOND CLOSED-IN - CONTINUED			
	8	70.0	322.5	115.3	38.9	0.352
	9	80.0	338.4	131.2	41.7	0.321
	10	90.0	357.0	149.8	44.3	0.294
	11	100.0	376.4	169.2	46.6	0.273
	12	110.0	399.6	192.4	48.7	0.254
	13	120.0	425.8	218.7	50.6	0.237
G	14	124.8	439.3	232.2	51.4	0.230

REMARKS:

TICKET NO: 50729900

CLOCK NO: 3247 HOUR: 12

GAUGE NO: 8029

DEPTH: 6197.0

REF		MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
		FIRST FLOW				
B	1	0.0	144.0			
	2	5.0	159.6	15.6		
	3	10.0	175.4	15.8		
	4	15.0	185.0	9.6		
	5	20.0	194.2	9.1		
	6	25.0	203.0	8.8		
C	7	29.4	208.9	6.0		
		FIRST CLOSED-IN				
C	1	0.0	208.9			
	2	5.0	228.7	19.8	4.3	0.836
	3	10.0	246.5	37.5	7.5	0.594
	4	15.0	264.3	55.3	9.9	0.472
	5	20.0	281.9	72.9	11.9	0.393
	6	25.0	298.3	89.4	13.5	0.338
	7	30.0	316.1	107.1	14.9	0.296
	8	35.0	331.7	122.8	16.0	0.265
	9	40.0	346.8	137.9	17.0	0.239
	10	45.0	361.8	152.8	17.8	0.218
	11	50.0	376.7	167.8	18.5	0.201
	12	55.0	390.8	181.9	19.2	0.186
D	13	59.9	403.4	194.5	19.7	0.174
		SECOND FLOW				
E	1	0.0	295.3			
	2	5.0	267.5	-27.7		
	3	10.0	274.3	6.8		
	4	15.0	276.7	2.3		
	5	20.0	277.7	1.0		
	6	25.0	282.6	5.0		
	7	30.0	283.3	0.7		
	8	35.0	286.1	2.8		
	9	40.0	294.3	8.1		
	10	45.0	289.6	-4.7		
	11	50.0	291.6	2.0		
	12	55.0	294.3	2.7		
F	13	57.9	295.6	1.3		
		SECOND CLOSED-IN				
F	1	0.0	295.6			
	2	10.0	311.4	15.8	9.0	0.989
	3	20.0	327.2	31.6	16.3	0.730
	4	30.0	342.5	46.9	22.3	0.592
	5	40.0	357.4	61.8	27.4	0.503
	6	50.0	372.5	76.9	31.8	0.439
	7	60.0	389.2	93.6	35.6	0.390

REF		MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
		SECOND CLOSED-IN - CONTINUED				
	8	70.0	405.3	109.7	38.9	0.352
	9	80.0	423.0	127.4	41.7	0.321
	10	90.0	440.3	144.7	44.3	0.294
	11	100.0	461.4	165.8	46.6	0.273
	12	110.0	487.5	191.9	48.7	0.254
	13	120.0	514.2	218.6	50.6	0.238
G	14	124.8	528.5	232.9	51.4	0.230

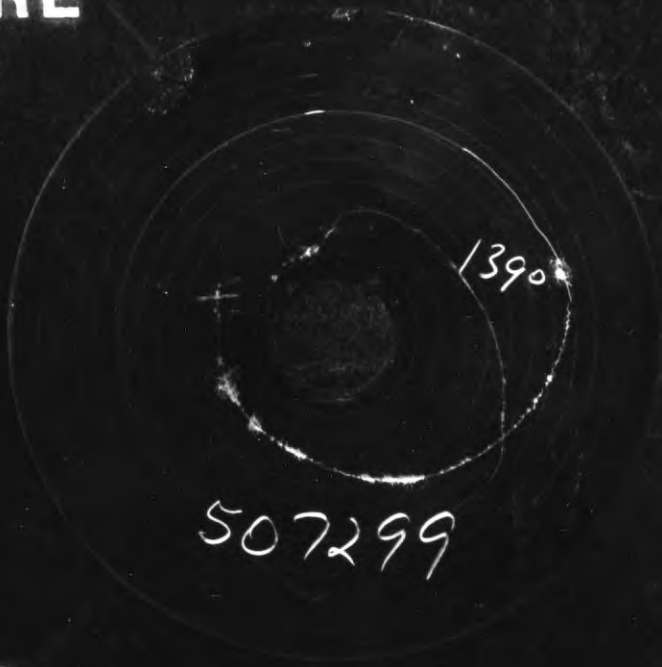
REMARKS:

TICKET NO. 50729900

		O.D.	I.D.	LENGTH	DEPTH
1	DRILL PIPE	4.500	3.826	5497.4	
3	DRILL COLLARS	6.000	2.250	450.6	
50	IMPACT REVERSING SUB	6.000	2.170	1.0	5948.6
3	DRILL COLLARS	6.000	2.250	61.2	
5	CROSSOVER	6.000	2.370	1.0	
11	HANDLING SUB & CHOKE ASSEMBLY	4.500	2.430	4.7	
13	DUAL CIP SAMPLER	5.000	0.750	6.6	
60	HYDROSPRING TESTER	5.000	0.750	5.0	6026.6
80	AP RUNNING CASE	5.000	2.250	4.1	6028.7
15	JAR	5.000	1.760	5.0	
16	VR SAFETY JOINT	5.000	1.000	2.8	
70	OPEN HOLE PACKER	6.750	1.530	5.8	6043.4
70	OPEN HOLE PACKER	6.750	1.530	5.8	6049.3
5	CROSSOVER	6.000	2.370	1.0	
3	DRILL COLLARS	6.000	2.250	118.4	
5	CROSSOVER	6.000	2.370	1.0	
5	CROSSOVER	6.000	2.370	1.0	
20	FLUSH JOINT ANCHOR	5.000	2.370	22.0	
83	HT-500 TEMPERATURE CASE	5.000		1.5	6195.0
81	BLANKED-OFF RUNNING CASE	5.000		4.1	6197.0
	TOTAL DEPTH				6200.0

EQUIPMENT DATA

TEMPERATURE RECORDER CHART



10° each circle