



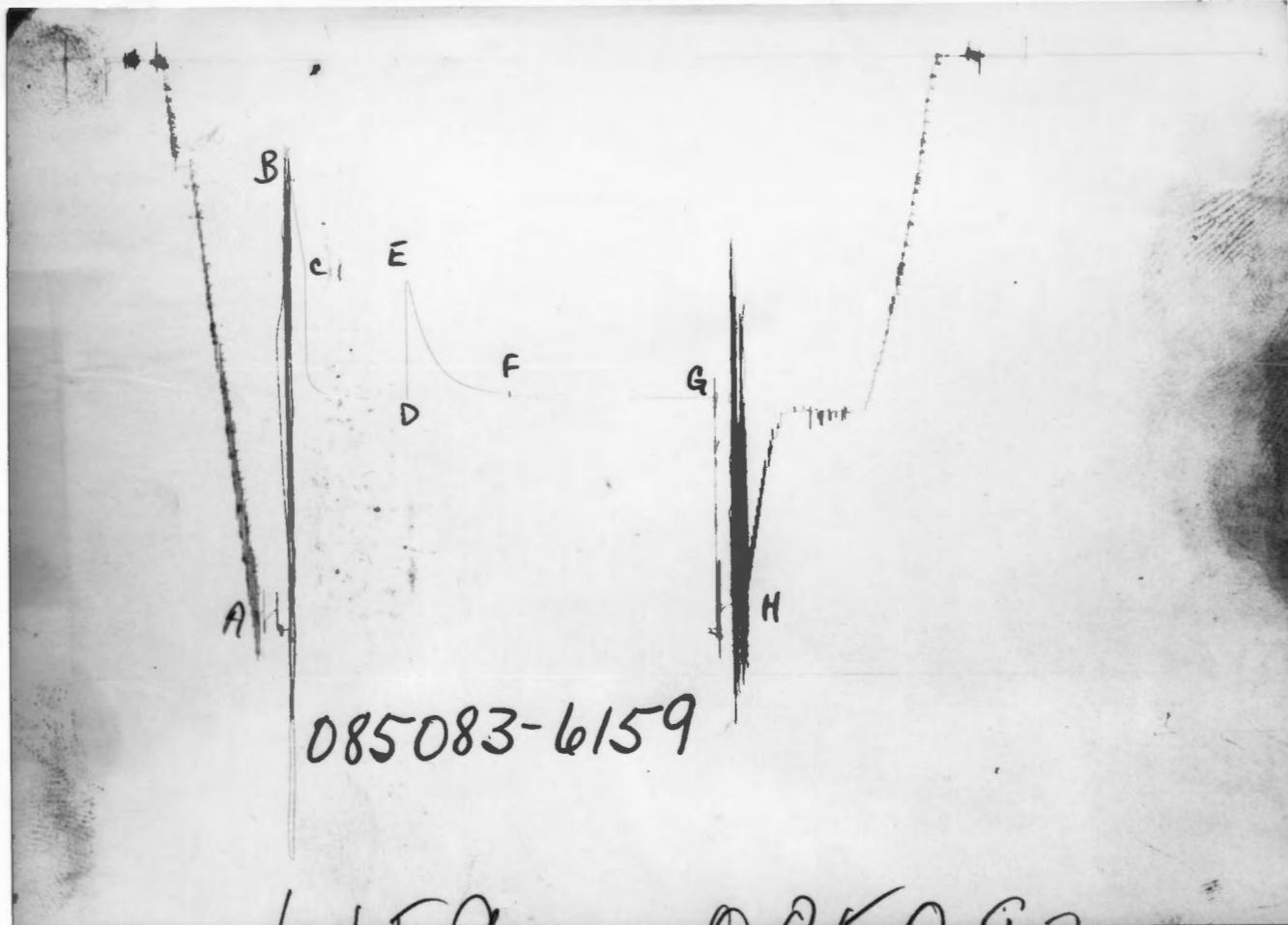
TICKET NO. 08508300

15-OCT-85

GREAT BEND

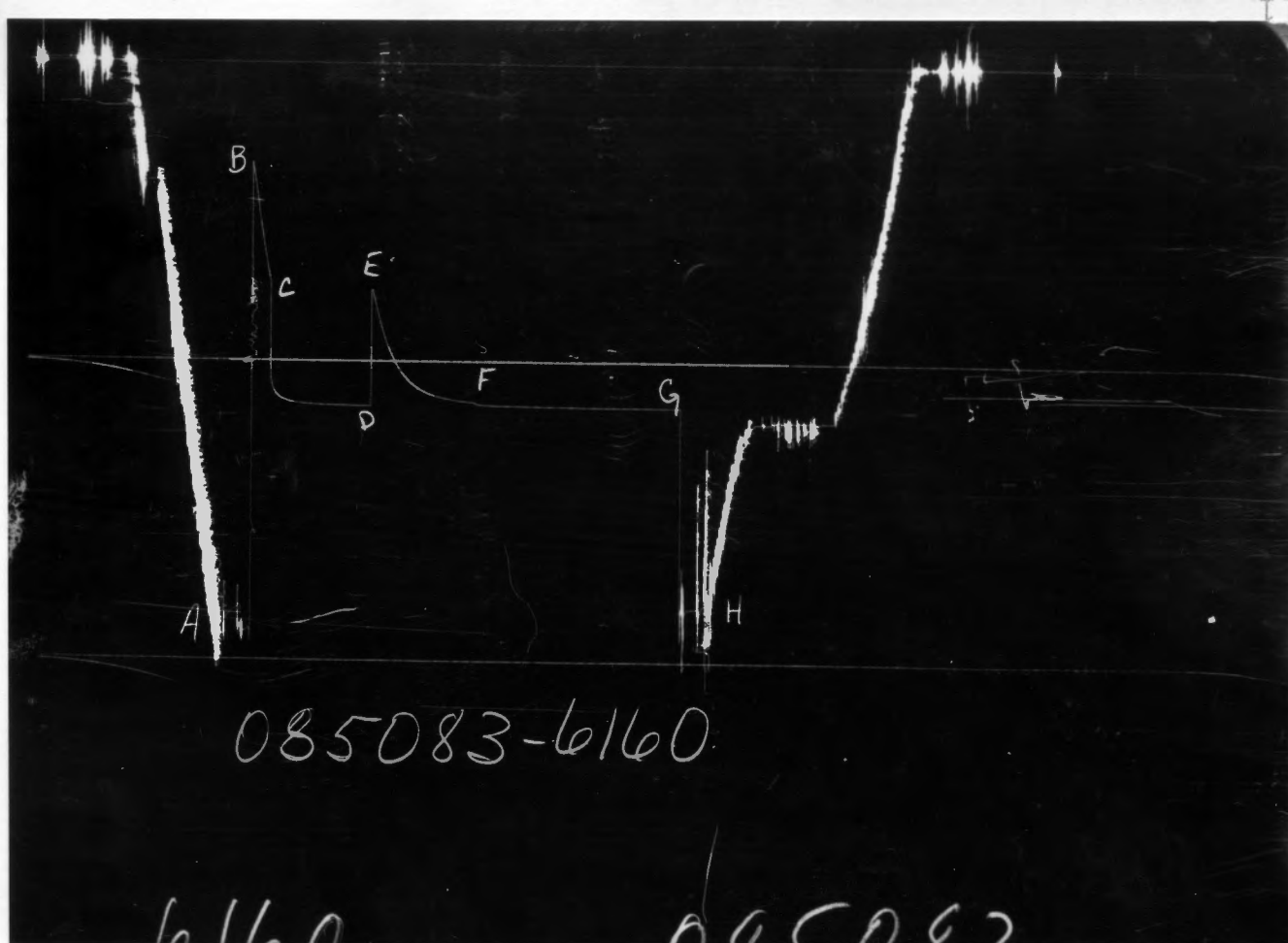
FORMATION TESTING SERVICE REPORT

EVEREST TRUST	1-1	2	3440.8 - 3530.0	PAN WESTERN ENERGY CORPORATION
LEASE NAME	WELL NO.	TEST NO.	TESTED INTERVAL	LEASE OWNER/COMPANY NAME
LEGAL LOCATION SEC. - TWP. - RANG.	1-17S-14W	FIELD AREA	BARRETT	COUNTY
			BARTON	STATE
			KANSAS	BG



GAUGE NO: 6159 DEPTH: 3427.6 BLANKED OFF: NO HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC		1777.9			
B	INITIAL FIRST FLOW		279.5			
C	FINAL FIRST FLOW		664.3	10.0	11.2	F
C	INITIAL FIRST CLOSED-IN		664.3			
D	FINAL FIRST CLOSED-IN		1104.1	60.0	59.4	C
E	INITIAL SECOND FLOW		719.8			
F	FINAL SECOND FLOW		1089.0	60.0	60.6	F
F	INITIAL SECOND CLOSED-IN		1089.0			
G	FINAL SECOND CLOSED-IN		1105.6	120.0	121.2	C
H	FINAL HYDROSTATIC		1774.0			



GAUGE NO: 6160 DEPTH: 3527.0 BLANKED OFF: YES HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	1894	1823.6			
B	INITIAL FIRST FLOW	339	334.4			
C	FINAL FIRST FLOW	711	732.7	10.0	11.2	F
C	INITIAL FIRST CLOSED-IN	711	732.7			
D	FINAL FIRST CLOSED-IN	1141	1150.8	60.0	59.4	C
E	INITIAL SECOND FLOW	762	759.0			
F	FINAL SECOND FLOW	1124	1136.1	60.0	60.6	F
F	INITIAL SECOND CLOSED-IN	1124	1136.1			
G	FINAL SECOND CLOSED-IN	1141	1151.3	120.0	121.2	C
H	FINAL HYDROSTATIC	1819	1819.4			

EQUIPMENT & HOLE DATA

FORMATION TESTED: ARBUCKLE

NET PAY (ft): _____

GROSS TESTED FOOTAGE: 89.2ALL DEPTHS MEASURED FROM: KB

CASING PERFS. (ft): _____

HOLE OR CASING SIZE (in): 7.875ELEVATION (ft): 2001.0 KELLY BUSHINGTOTAL DEPTH (ft): 3530.0PACKER DEPTH(S) (ft): 3435. 3441

FINAL SURFACE CHOKE (in): _____

BOTTOM HOLE CHOKE (in): _____

MUD WEIGHT (lb/gal): 9.90MUD VISCOSITY (sec): 46

ESTIMATED HOLE TEMP. (°F): _____

ACTUAL HOLE TEMP. (°F): 97 @ 3526.0 ftTICKET NUMBER: 08508300DATE: 10-9-85 TEST NO: 2TYPE DST: OPEN HOLE

HALLIBURTON CAMP:

GREAT BENDTESTER: T. R. GAUNTA. G. CURTISWITNESS: LEWIS CHUBB

DRILLING CONTRACTOR:

MOHAWK DRILLING COMPANY #7FLUID PROPERTIES FOR
RECOVERED MUD & WATER

SOURCE

RESISTIVITY

CHLORIDES

MUD (FLOWLINE)	_____ @ _____ °F	61000 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:

180' OF MUDDY SALTWATER

2360' OF SALTWATER

MEASURED FROM
TESTER VALVE

REMARKS:

TICKET NO: 08508300

CLOCK NO: 14232 HOUR: 12



GAUGE NO: 6159

DEPTH: 3427.6

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	279.5			
2	2.0	333.5	54.0		
3	4.0	416.5	83.0		
4	6.0	495.7	79.2		
5	8.0	565.1	69.4		
6	10.0	636.1	71.0		
C 7	11.2	664.3	28.2		
FIRST CLOSED-IN					
C 1	0.0	664.3			
2	1.0	1028.3	364.0	1.0	1.070
3	2.0	1041.4	377.1	1.7	0.826
4	3.0	1052.2	387.9	2.3	0.680
5	4.0	1059.5	395.2	2.9	0.582
6	5.0	1065.1	400.8	3.5	0.511
7	6.0	1069.8	405.5	3.9	0.459
8	7.0	1074.0	409.7	4.3	0.417
9	8.0	1077.8	413.5	4.7	0.380
10	9.0	1080.6	416.3	5.0	0.352
11	10.0	1082.6	418.3	5.3	0.327
12	12.0	1087.4	423.1	5.8	0.287
13	14.0	1090.3	426.0	6.2	0.255
14	16.0	1092.9	428.6	6.6	0.230
15	18.0	1094.3	430.0	6.9	0.211
16	20.0	1095.6	431.3	7.2	0.193
17	22.0	1097.1	432.8	7.4	0.179
18	24.0	1097.8	433.5	7.6	0.167
19	26.0	1098.9	434.6	7.8	0.156
20	28.0	1099.6	435.3	8.0	0.146
21	30.0	1100.1	435.8	8.2	0.138
22	40.0	1102.1	437.8	8.8	0.107
23	50.0	1102.8	438.5	9.2	0.088
D 24	59.4	1104.1	439.8	9.4	0.075
SECOND FLOW					
E 1	0.0	719.8			
2	6.0	826.5	106.7		
3	12.0	923.0	96.5		
4	18.0	983.4	60.4		
5	24.0	1022.7	39.3		
6	30.0	1046.8	24.1		
7	36.0	1062.2	15.4		
8	42.0	1072.9	10.7		
9	48.0	1079.9	6.9		
10	54.0	1085.4	5.5		
F 11	60.6	1089.0	3.6		

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
SECOND CLOSED-IN					
F 1	0.0	1089.0			
2	1.0	1093.9	4.9	0.9	1.881
3	2.0	1094.7	5.7	1.9	1.576
4	3.0	1095.6	6.6	2.9	1.391
5	4.0	1096.8	7.8	3.8	1.273
6	5.0	1097.4	8.4	4.7	1.185
7	6.0	1098.0	9.0	5.5	1.114
8	7.0	1098.3	9.3	6.4	1.050
9	8.0	1098.5	9.5	7.2	1.001
10	9.0	1098.7	9.7	8.0	0.954
11	10.0	1099.4	10.4	8.8	0.913
12	20.0	1101.1	12.1	15.6	0.662
13	30.0	1101.6	12.6	21.2	0.531
14	40.0	1102.3	13.3	25.7	0.446
15	50.0	1103.2	14.1	29.5	0.387
16	60.0	1103.7	14.7	32.7	0.342
17	75.0	1104.4	15.3	36.7	0.292
18	90.0	1104.7	15.7	39.9	0.255
19	110.0	1105.2	16.2	43.4	0.218
G 20	121.2	1105.6	16.6	45.1	0.202

REMARKS:

TICKET NO: 08508300

CLOCK NO: 14282 HOUR: 12



GAUGE NO: 6160

DEPTH: 3527.0

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	334.4			
2	2.0	405.3	70.9		
3	4.0	481.6	76.3		
4	6.0	563.8	82.2		
5	8.0	634.5	70.8		
6	10.0	698.0	63.4		
C 7	11.2	732.7	34.7		
FIRST CLOSED-IN					
C 1	0.0	732.7			
2	1.0	1080.7	348.0	1.0	1.070
3	2.0	1096.7	364.0	1.7	0.823
4	3.0	1106.6	374.0	2.3	0.680
5	4.0	1113.9	381.3	2.9	0.582
6	5.0	1119.9	387.2	3.4	0.512
7	6.0	1123.9	391.3	3.9	0.460
8	7.0	1127.6	395.0	4.3	0.417
9	8.0	1130.2	397.5	4.7	0.381
10	9.0	1132.9	400.2	5.0	0.352
11	10.0	1134.5	401.8	5.3	0.327
12	12.0	1137.8	405.1	5.8	0.286
13	14.0	1140.2	407.5	6.2	0.255
14	16.0	1142.0	409.3	6.6	0.231
15	18.0	1143.5	410.8	6.9	0.211
16	20.0	1144.6	411.9	7.2	0.194
17	22.0	1145.6	412.9	7.4	0.179
18	24.0	1146.2	413.5	7.6	0.167
19	26.0	1146.7	414.0	7.8	0.156
20	28.0	1147.1	414.4	8.0	0.147
21	30.0	1147.7	415.0	8.2	0.138
22	40.0	1149.2	416.5	8.8	0.107
23	50.0	1150.1	417.4	9.2	0.088
D 24	59.4	1150.8	418.2	9.4	0.075
SECOND FLOW					
E 1	0.0	759.0			
2	6.0	885.6	126.6		
3	12.0	978.8	93.2		
4	18.0	1038.7	59.9		
5	24.0	1075.3	36.6		
6	30.0	1097.1	21.8		
7	36.0	1112.1	15.0		
8	42.0	1121.6	9.5		
9	48.0	1128.5	6.9		
10	54.0	1132.8	4.3		
F 11	60.6	1136.1	3.3		

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
SECOND CLOSED-IN					
F 1	0.0	1136.1			
2	1.0	1140.8	4.8	1.0	1.875
3	2.0	1142.9	6.9	1.9	1.574
4	3.0	1144.1	8.1	2.8	1.403
5	4.0	1144.6	8.6	3.8	1.280
6	5.0	1145.3	9.2	4.6	1.190
7	6.0	1145.6	9.6	5.5	1.114
8	7.0	1145.8	9.7	6.4	1.051
9	8.0	1145.8	9.7	7.2	0.998
10	9.0	1146.1	10.1	8.0	0.954
11	10.0	1146.6	10.6	8.8	0.913
12	20.0	1147.5	11.4	15.6	0.662
13	30.0	1148.6	12.5	21.2	0.531
14	40.0	1148.8	12.8	25.7	0.446
15	50.0	1149.2	13.1	29.5	0.387
16	60.0	1150.0	13.9	32.7	0.342
17	75.0	1150.4	14.4	36.7	0.292
18	90.0	1150.8	14.8	39.9	0.255
19	110.0	1150.8	14.8	43.4	0.218
G 20	121.2	1151.3	15.2	45.1	0.202

REMARKS:

TICKET NO. 08508300

		O.D.	I.D.	LENGTH	DEPTH	
1		DRILL PIPE.....	4.500	3.826	3005.8	
4		FLEX WEIGHT.....	4.500	2.764	284.0	
50		IMPACT REVERSING SUB.....	5.750	2.750	1.0	3290.8
4		FLEX WEIGHT.....	4.500	2.764	124.0	
5		CROSSOVER.....	5.750	2.250	1.0	
12		DUAL CIP VALVE.....	5.750	0.870	6.0	
60		HYDROSPRING TESTER.....	5.000	0.750	5.0	3426.3
80		AP RUNNING CASE.....	5.000	2.250	4.1	3427.6
70		OPEN HOLE PACKER.....	6.750	1.530	5.8	3435.0
70		OPEN HOLE PACKER.....	6.750	1.530	5.8	3440.8
5		CROSSOVER.....	5.750	2.250	1.0	
4		FLEX WEIGHT.....	4.500	2.764	64.0	
5		CROSSOVER.....	5.750	2.250	1.0	
20		FLUSH JOINT ANCHOR.....	5.000	2.370	16.0	
83		HT-500 TEMPERATURE CASE.....	5.000		1.5	3526.0
81		BLANKED-OFF RUNNING CASE.....	5.000		4.0	3527.0
TOTAL DEPTH					3530.0	

EQUIPMENT DATA

TEMPERATURE

RECORDER

CHART



10° each circle