



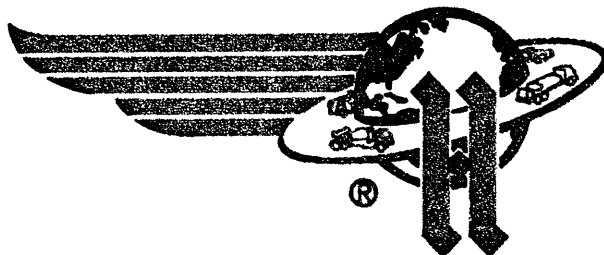
APPENDIX 13.

FORMATION TESTING.
DST-1.

PINE LODGE-1

W1034

FORMATION TEST REPORT



HALLIBURTON SERVICES

DRY CREEK, STH. AUST.



A Halliburton Company

Customer: GAS & FUEL EXPLORATION
Well Description: PINE LODGE #1
Field Name: DARTMOOR

TEST NO. :DST #1
TEST DATE :19-08-90
TICKET NO. :000461

HALLIBURTON
SERVICES

REPORT TICKET NO: 000461
BT-GAUGE TICKET NO: 000461
MEMORY GAUGE TICKET NO: 000461
DATE: 19/8/90
HALLIBURTON CAMP: MOOMBA
TESTER: N.Cowley
WITNESS: G.Nicot

DRILLING CONTRACTOR: ATCO-APM RIG#2
LEGAL LOCATION: 37 58' 25.4"S
141 12' 41.6"E

OPERATOR: GAS & FUEL EXP.
LEASE NAME: PINE LODGE
WELL NO: 1
TEST NO: 1
TESTED INTERVAL: 6364.46 - 6453.83 ft

FIELD AREA: DARTMOOR
COUNTY/LSD:
STATE/PROVINCE: VICTORIA
COUNTRY: AUSTRALIA

NOTICE: THIS REPORT IS BASED ON SOUND ENGINEERING PRACTICES, BUT BECAUSE OF VARIABLE WELL CONDITIONS AND OTHER INFORMATION WHICH MUST BE RELIED UPON HALLIBURTON MAKES NO WARRANTY, EXPRESS OR IMPLIED AS TO THE ACCURACY OF THE DATA OR OF ANY CALCULATIONS OR OPINIONS EXPRESSED HEREIN. YOU AGREE THAT HALLIBURTON SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE, WHETHER DUE TO NEGLIGENCE OR OTHERWISE ARISING OUT OF OR IN CONNECTION WITH SUCH DATA, CALCULATIONS OR OPINIONS.

TABLE OF CONTENTS

SECTION 1: TEST SUMMARY & INFORMATION

Summary of Test Results	1.1
Test Period Summary	1.2
Pressure vs. Time Plot	1.3
Test and Formation Data	1.4
Rate History Table	1.5
Tool String Configuration	1.6
Operator Job Log	1.7

SECTION 2: ANALYSIS

Plots	2.1
-------	-----

SECTION 3: MECHANICAL GAUGE DATA

Gauge No.	7483	3.1
Gauge No.	2170	3.2
Gauge No.	7984	3.3

SECTION 4: MEMORY GAUGE DATA

Gauge No.	71678	4.1
-----------	-------	-----

Date: 19/8/90

Ticket No: 000461

Page No: 1.1

SUMMARY OF TEST

Lease Owner: GAS & FUEL EXP.

Lease Name: PINE LODGE

Well No.: 1

Test No.: 1

County/LSD:

State/Province: VICTORIA

Country: AUSTRALIA

Formation Tested: WAARRE

Hole Temp: 155.12 F

Total Depth: 6480.00 ft

Net Pay: 89.37 ft

Gross Tested Interval: 6364.46 - 6453.83 ft

Perforated Interval (ft):

RECOVERY:

5.46bbl GAS CUT FLUID AT 9.5lb/gal DUE
TO THE PRESENCE OF FORMATION SILT.

REMARKS:

ALL DOWNHOLE PRESSURES ARE IN ABSOLUTE
PSIA.

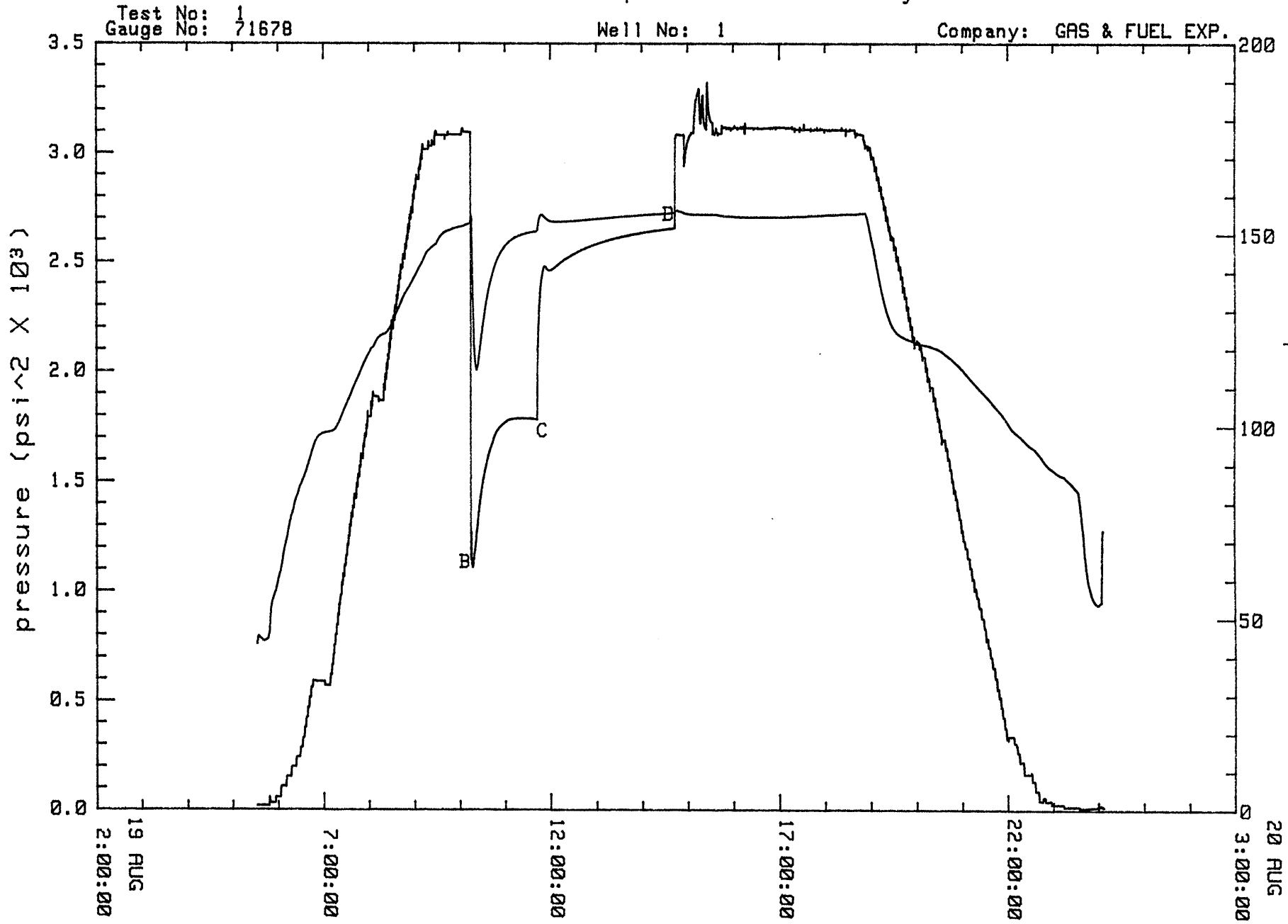
TEST PERIOD SUMMARY

Gauge No.: 71678 Depth: 6343.87 ft Blanked off: No

ID	PERIOD	DESCRIPTION	PRESSURE (psi)	DURATION (min)
A		Initial Hydrostatic	3082.57	
B	1	Start Draw-down	1143.67	
C		End Draw-down	1780.75	87.60
C	2	Start Build-up	1780.75	
D		End Build-up	2655.28	180.72
E		Final Hydrostatic	3082.16	

NOTE: for Pressure vs. Time Plot, see next page.

Pressure/Temperature History



TEST AND FORMATION DATA

Formation Tested: WAARRE
 All Depths Measured From: KELLY BUSHINGS
 Elevation: 169.20 ft
 Total Depth: 6480.00 ft
 Net Pay: 89.37 ft
 Hole or Casing Size: 8.500 in
 Gross Tested Interval: 6364.46 - 6453.83 ft
 Perforated Interval (ft):

HOLE FLUID

Type: DRILLING FLUID
 Weight: 9.30 lb/gal
 Viscosity: 38 seconds

HOLE TEMPERATURE

Depth: 6343.87 ft
 Estimated: 0.00 F
 Actual: 155.12 F

HYDROCARBON PROPERTIES

Oil Gravity (API): 0.0 @ 60 F
 Gas/Oil ratio (ScF/STB): 0.0
 Gas Gravity (SG): 0.75

CUSHION DATA

TYPE	AMOUNT	WEIGHT

FLUID PROPERTIES FOR RECOVERED MUD AND WATER

SOURCE	RESISTIVITY	CHLORIDES	SG	PH
	@ F	PPM		
	@ F	PPM		
	@ F	PPM		
	@ F	PPM		
	@ F	PPM		
	@ F	PPM		

SAMPLER DATA

Surface Pressure: 0 psi
 Volume of Gas: 0 ft³
 Volume of Oil: 0 cc
 Volume of Water: 0 cc
 Volume of Mud: 0 cc
 Total Liquids: 0 cc
























REMARKS:

ALL DOWNHOLE PRESSURES ARE IN ABSOLUTE PSIA.

RATE HISTORY TABLE


Period No	Test Type	j	Prod Rate q(j) (MCF/D)	Duration (hrs)	Cum. Time t(j) (hrs)
		0	0.0	0.00	0.00
1	DD	1		1.46	1.46
2	BU	2	0.0	3.01	4.47

TEST STRING CONFIGURATION

	O.D. (in)	I.D. (in)	LENGTH (ft)	DEPTH (ft)
 DRILL PIPE.....	4.500	3.826	5695.130	
 FLEX WEIGHT.....	4.500	2.810	182.800	3.00
 DRILL COLLARS.....	6.250	2.810	337.800	
 IMPACT REVERSING SUB.....	6.000	3.000	1.000	6215.73
 DRILL COLLARS.....	6.250	2.810	61.680	
 PUMP OUT REVERSING SUB.....	6.000	3.000	1.000	6278.41
 DRILL COLLARS.....	6.250	2.810	30.770	
 BAR CATCHER SUB.....	5.750	1.500	1.000	
 AP RUNNING CASE.....	5.000	2.250	4.140	6313.32
 CROSSOVER.....	5.000	2.200	1.000	
 DUAL CIP VALVE.....	5.000	0.870	4.870	
 HANDLING SUB & CHOKE ASSEMBLY...	5.000	2.500	4.870	
 DRAIN VALVE.....	5.000	2.200	0.860	
 HYDROSPRING TESTER.....	5.000	0.750	5.310	6330.23
 AP RUNNING CASE.....	5.000	2.250	4.140	6334.37
 ELECTRONIC GAUGE RUNNING CASE...	5.000	2.370	7.500	6343.87
 JAR.....	5.000	1.750	5.000	
 VR SAFETY JOINT.....	5.000	1.000	2.780	
 PRESSURE EQUALIZING CROSSOVER...	5.000	3.000	1.000	
 OPEN HOLE PACKER.....	7.500	1.680	5.810	6356.65
 DISTRIBUTOR VALVE.....	5.000	1.680	2.000	
 OPEN HOLE PACKER.....	7.500	1.680	5.810	6364.46
 FLUSH JOINT ANCHOR.....	5.000	2.370	15.000	

CONTINUED

TEST STRING CONFIGURATION

	O.D. (in)	I.D. (in)	LENGTH (ft)	DEPTH (ft)
 CROSSOVER.....	5.000	2.750	1.000	
AP RUNNING CASE.....	5.000	2.250	4.140	6384.41
CROSSOVER.....	5.000	2.250	1.000	
CROSSOVER.....	5.750	2.250	1.000	
DRILL COLLARS.....	6.250	2.810	61.610	
CROSSOVER.....	5.750	2.250	1.000	
CROSSOVER.....	5.000	2.250	1.000	
OPEN HOLE PACKER.....	7.500	1.680	5.810	6453.83
DISTRIBUTOR VALVE.....	5.000	1.680	2.000	
OPEN HOLE PACKER.....	7.500	2.250	5.810	6461.64
CROSSOVER.....	5.000	2.250	1.000	
ANCHOR PIPE SAFETY JOINT.....	5.000	1.500	4.300	
FLUSH JOINT ANCHOR.....	5.000	2.370	5.000	
BLANKED-OFF RUNNING CASE.....	5.000	2.440	4.060	6478.00
TOTAL DEPTH				6480.00

Date: 19/8/90
Test No: 1

Ticket No: 000461

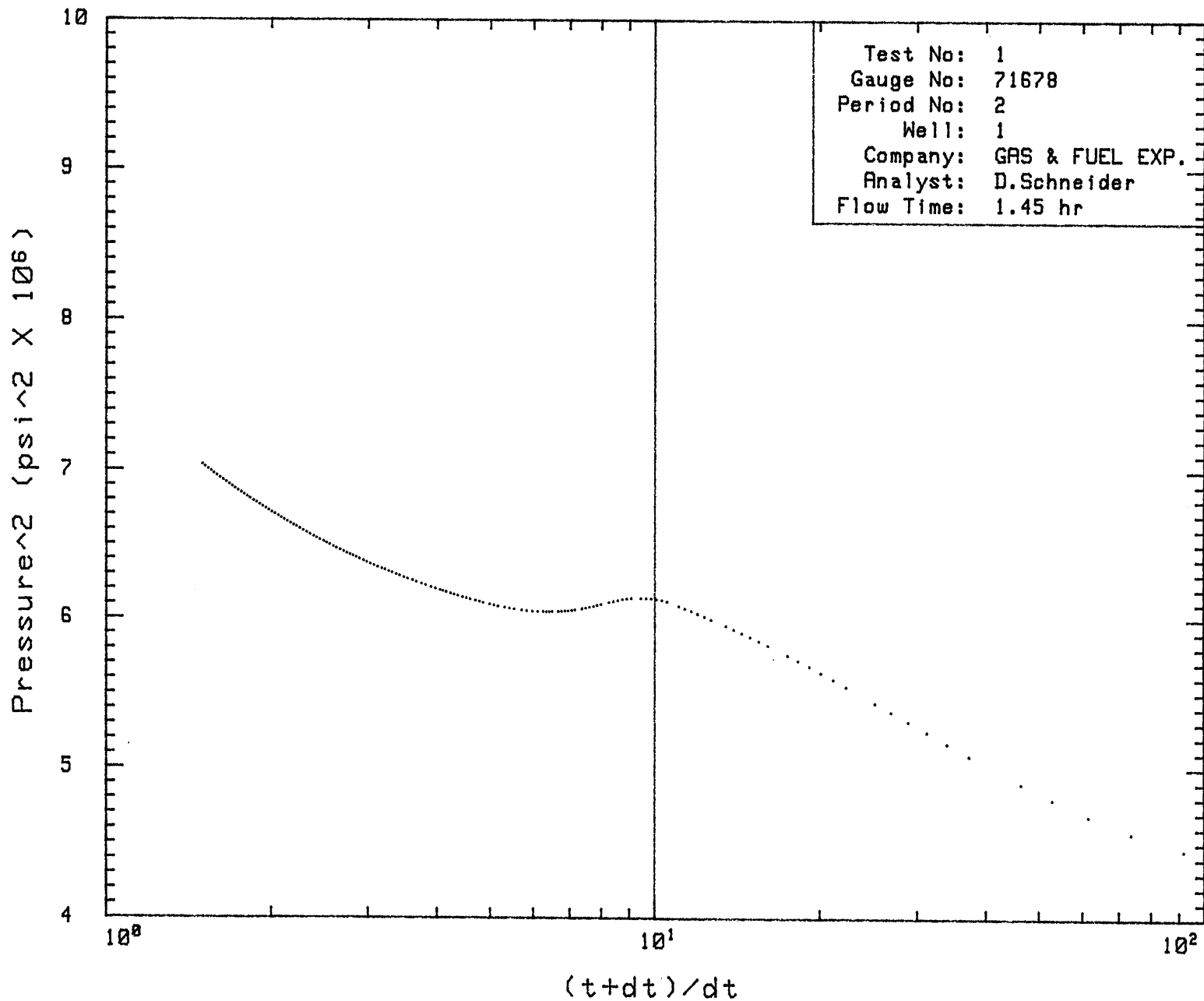
Page No: 1.7.1

OPERATOR JOB LOG

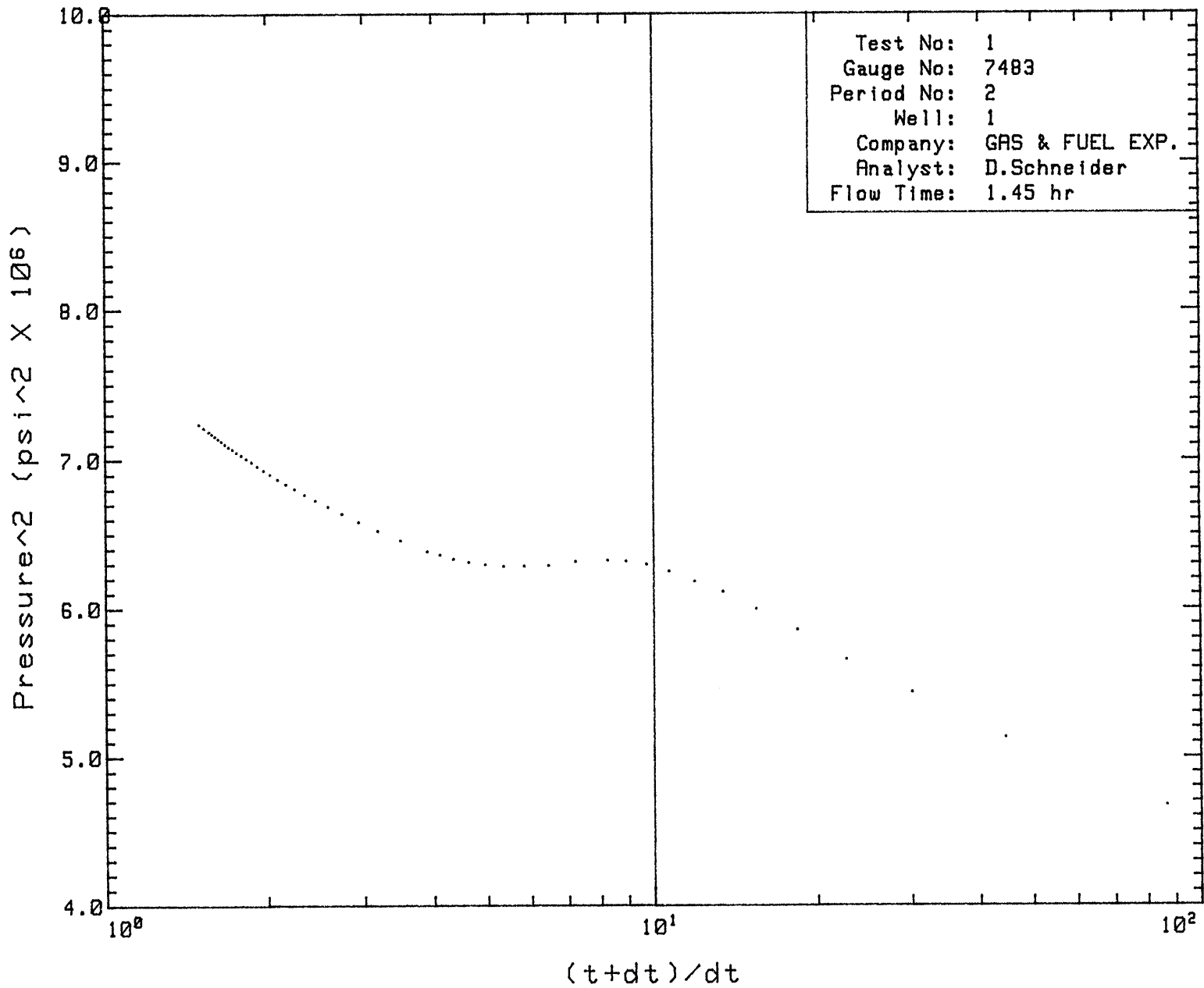
Type of Flow Measuring Device: 6"CERAMIC CHOKE

TIME HH:MM:SS	CHOKE SIZE (in)	SURFACE PRESSURE (psi)	GAS RATE (MCF/D)	LIQUID RATE (bbl/d)	REMARKS
19-AUG-90					
03:20:00					SURFACE PRESSURE = PSIG
03:20:00					MAKE UP TOOLS
05:32:00					START EMR GAUGE
05:48:00					RUN IN HOLE
06:45:00					MAKE UP TEST HEAD
06:49:00					On Location
07:05:00					RUN IN HOLE
09:12:00					PICK UP SINGLE AND 10'PUP JNT
09:30:00					RIG UP SURFACE EQUIPMENT
09:50:00					PRESSURE TEST SURFACE EQUIP.
10:05:00					PUT WEIGHT ON TOOL 30,000lb
10:10:00					INCREASE WEIGHT 35,000lb
10:15:00	32/64				TOOL OPEN / MODERATE BLOW
10:16:00	32/64				STRONG BLOW
10:17:00	32/64	12.00			STRONG BLOW
10:18:00	32/64	200.00			VERY WET / NO FLAME AT FLARE
10:19:00	32/64	250.00			
10:20:00	32/64	325.00			
10:21:00	32/64	400.00			
10:22:00	32/64	470.00			
10:23:00	32/64	500.00			
10:25:00	32/64	600.00			
10:27:00	32/64	625.00			
10:30:00	32/64	700.00			
10:35:00	32/64	750.00			
10:40:00	32/64	800.00			
10:45:00	32/64	810.00			WELL SLUGGING
10:50:00	32/64	850.00			
10:55:00	32/64	850.00			
11:00:00	32/64	875.00			
11:05:00	32/64	880.00			
11:10:00	32/64	880.00			
11:15:00	32/64	880.00			
11:30:00	32/64	880.00			
11:45:00		880.00			CLOSE TOOL
14:45:00					OPEN BYPASS / PACKERS FREE
14:55:00					DROP REVERSE BAR
14:56:00					PIN BROKE , START REVERSE CIRC
15:40:00					CIRCULATE LONG WAY
18:45:00					PULL OUT OF HOLE
23:00:00					TOOL AT FLOOR
20-AUG-90					
00:05:00					STOP EMR GAUGE

Pressure² vs log((t+dt)/dt)

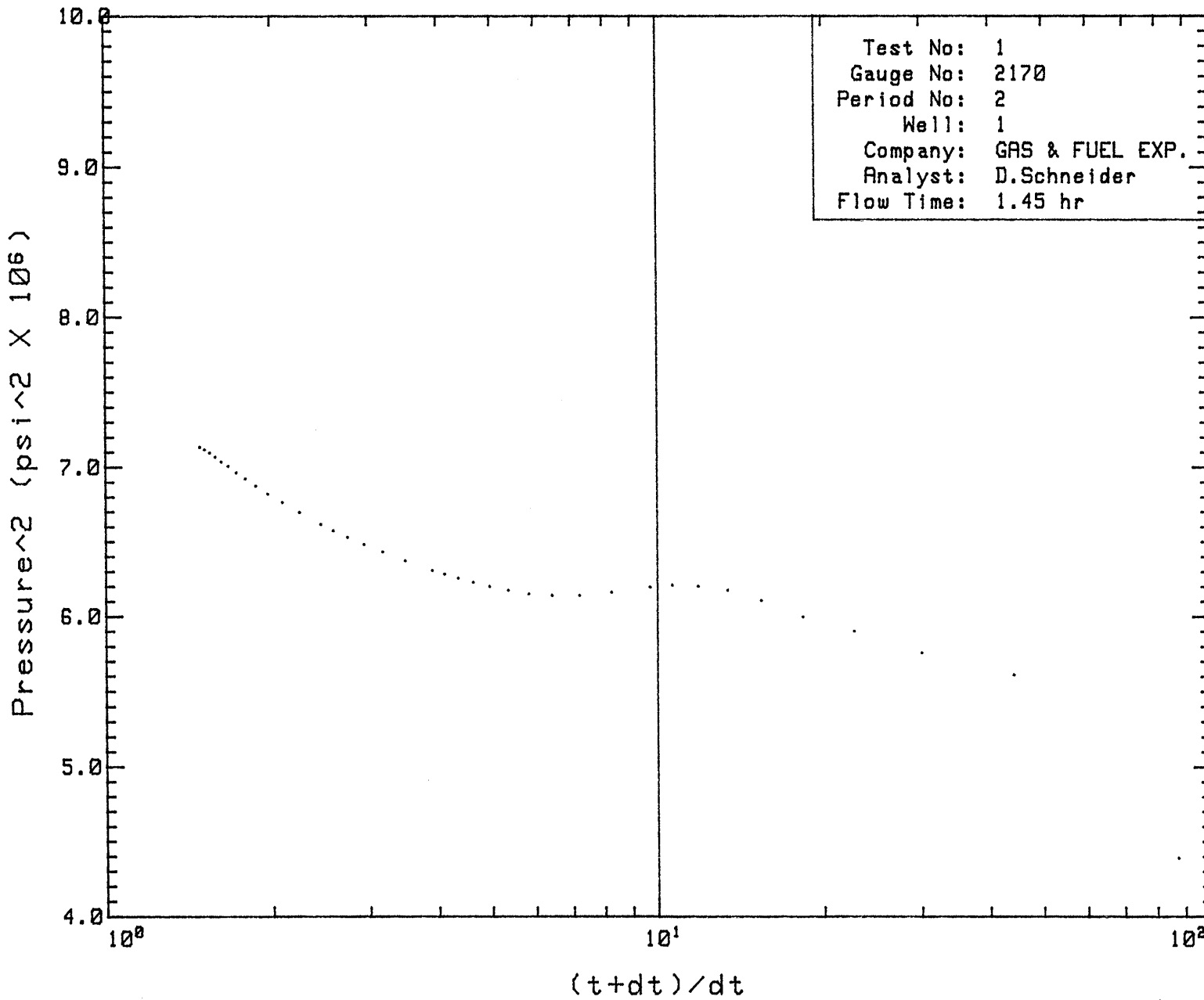


Pressure² vs log((t+dt)/dt)



Test No: 1
Gauge No: 7483
Period No: 2
Well: 1
Company: GAS & FUEL EXP.
Analyst: D.Schneider
Flow Time: 1.45 hr

Pressure² vs log((t+dt)/dt)



Test No:	1
Gauge No:	2170
Period No:	2
Well:	1
Company:	GAS & FUEL EXP.
Analyst:	D.Schneider
Flow Time:	1.45 hr

Date: 19/8/90

Ticket No: 000461

Page No: 2.2.3

Date: 19/8/90

Ticket No: 000461

Page No: 3.1

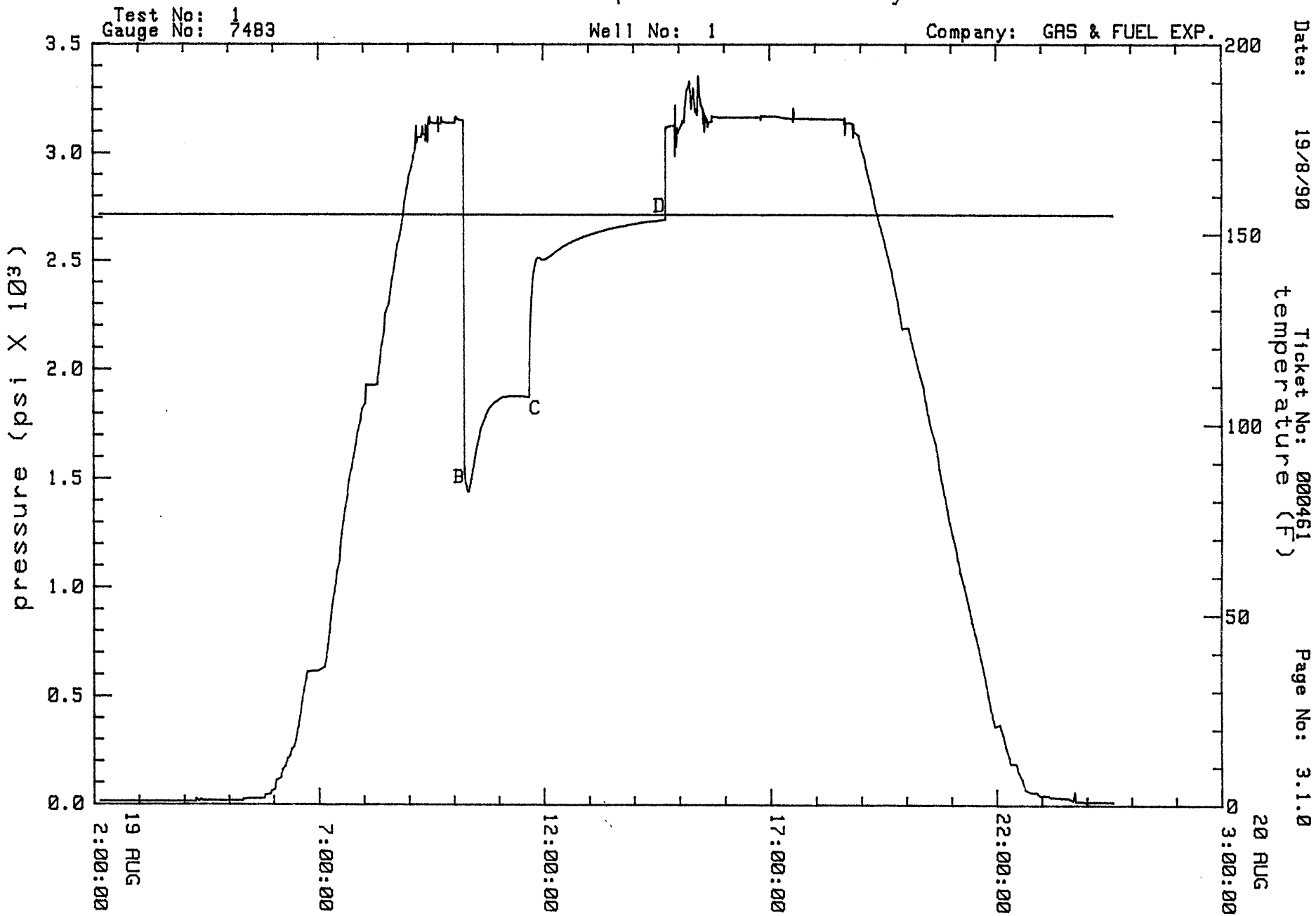
TEST PERIOD SUMMARY

Gauge No.: 7483 Depth: 6384.41 ft Blanked off : Yes
Hour of clock: 24

ID	PERIOD	DESCRIPTION	PRESSURE (psi)	DURATION (min)
A		Initial Hydrostatic	3138.04	
B	1	Start Draw-down	1520.45	
C		End Draw-down	1874.67	86.88
C	2	Start Build-up	1874.67	
D		End Build-up	2692.32	180.45
E		Final Hydrostatic	3126.01	

NOTE: for Pressure vs. Time Plot, see next page.

Pressure/Temperature History



Date: 19/8/90

Ticket No: 000461

Page No: 3.1.1

PRESSURE VS TIME

MECHANICAL gauge no.: 7483
Clock no.:

Gauge Depth: 6384.41 ft
24

Hour:

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS
------------------	-----------------	-------------------	-------------	----------

19-AUG-90

Data Print Frequency: 1

02:08:16		12.439	155.1	
02:23:15		12.439	155.1	
02:38:16		12.439	155.1	
02:53:15		12.439	155.1	
03:08:16		12.439	155.1	
03:20:00				
03:20:00				
03:23:15		12.439	155.1	
03:38:16		12.439	155.1	
03:53:15		12.439	155.1	
04:08:16		12.439	155.1	
04:15:33		12.439	155.1	
04:16:25		25.450	155.1	
04:19:55		15.569	155.1	
04:22:50		23.309	155.1	
04:26:40		16.228	155.1	
04:33:41		16.557	155.1	
04:48:16		17.216	155.1	
05:03:15		17.874	155.1	
05:18:16		17.874	155.1	
05:19:03		22.815	155.1	
05:27:39		28.414	155.1	
05:31:09		26.438	155.1	
05:32:00				
05:33:15		26.438	155.1	
05:46:50		26.438	155.1	
05:48:00				
05:48:16		42.243	155.1	
05:54:45		47.511	155.1	
05:57:12		62.159	155.1	
06:01:29		68.412	155.1	
06:03:19		111.999	155.1	
06:09:40		122.192	155.1	
06:12:06		161.959	155.1	
06:15:18		174.935	155.1	
06:18:32		211.384	155.1	
06:21:34		223.528	155.1	
06:23:51		256.666	155.1	
06:26:56		264.046	155.1	
06:29:41		297.489	155.1	
06:32:25		353.839	155.1	
06:35:05		407.028	155.1	
06:37:47		477.165	155.1	
06:40:16		525.673	155.1	
06:43:21		577.406	155.1	
06:45:00				

SURFACE PRESSURE = PSIG
MAKE UP TOOLS

START EMR GAUGE

RUN IN HOLE

MAKE UP TEST HEAD

PRESSURE VS TIME

MECHANICAL gauge no.: 7483

Gauge Depth: 6384.41 ft

Clock no.:

Hour:

24

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90				Data Print Frequency: 1
06:45:16		612.631	155.1	
06:49:00				On Location
06:53:09		616.217	155.1	
06:59:11		617.358	155.1	
07:05:00				RUN IN HOLE
07:07:49		632.680	155.1	
07:10:30		669.992	155.1	
07:12:45		734.297	155.1	
07:14:51		790.247	155.1	
07:16:34		857.679	155.1	
07:18:29		921.472	155.1	
07:20:58		974.829	155.1	
07:23:16		1027.171	155.1	
07:24:46		1075.102	155.1	
07:27:57		1119.765	155.1	
07:29:02		1185.410	155.1	
07:31:02		1245.181	155.1	
07:33:15		1302.643	155.1	
07:35:44		1360.220	155.1	
07:39:00		1421.294	155.1	
07:40:38		1489.239	155.1	
07:43:50		1543.775	155.1	
07:46:46		1597.629	155.1	
07:49:48		1653.212	155.1	
07:52:30		1717.902	155.1	
07:55:56		1764.581	155.1	
07:58:10		1821.809	155.1	
08:02:30		1844.561	155.1	
08:03:15		1889.406	155.1	
08:04:00		1932.946	155.1	
08:04:33		1926.704	155.1	
08:05:44		1930.225	155.1	
08:12:11		1927.824	155.1	
08:18:50		1932.305	155.1	
08:20:33		1985.740	155.1	
08:22:30		2037.223	155.1	
08:24:48		2112.953	155.1	
08:28:08		2173.298	155.1	
08:29:38		2260.075	155.1	
08:34:09		2299.289	155.1	
08:36:26		2355.850	155.1	
08:38:28		2410.627	155.1	
08:41:12		2465.373	155.1	
08:43:28		2522.633	155.1	
08:45:56		2571.279	155.1	
08:49:06		2615.930	155.1	

PRESSURE VS TIME

MECHANICAL gauge no.: 7483

Gauge Depth: 6384.41 ft

Clock no.:

Hour:

24

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90				Data Print Frequency: 1
08:51:43		2665.644	155.1	
08:53:51		2717.081	155.1	
08:55:37		2775.633	155.1	
08:58:33		2834.154	155.1	
09:01:42		2898.192	155.1	
09:04:36		2932.258	155.1	
09:07:20		2979.458	155.1	
09:09:53		3021.258	155.1	
09:11:33		3124.907	155.1	
09:12:00				PICK UP SINGLE AND 10'PUP JNT
09:12:16		3046.901	155.1	
09:12:45		3071.273	155.1	
09:18:07		3070.324	155.1	
09:20:02		3119.371	155.1	
09:20:33		3083.616	155.1	
09:23:40		3085.831	155.1	
09:23:52		3056.239	155.1	
09:24:10		3128.703	155.1	
09:24:53		3092.951	155.1	
09:26:47		3050.700	155.1	
09:27:24		3135.505	155.1	
09:28:29		3160.493	155.1	
09:29:18		3133.765	155.1	
09:29:23		3162.707	155.1	
09:29:34		3143.571	155.1	
09:30:00				RIG UP SURFACE EQUIPMENT
09:31:43		3138.826	155.1	
09:35:34		3136.137	155.1	
09:39:44		3135.663	155.1	
09:40:48		3165.395	155.1	
09:41:04		3100.387	155.1	
09:41:30		3134.556	155.1	
09:44:44		3135.821	155.1	
09:45:09		3161.283	155.1	
09:45:27		3146.576	155.1	
09:47:24		3142.148	155.1	
09:50:00				PRESSURE TEST SURFACE EQUIP.
09:53:16		3138.510	155.1	
09:58:15		3138.194	155.1	
10:01:15		3138.035	155.1	
10:02:48		3138.035	155.1	
10:03:06		3162.707	155.1	
10:04:14		3151.637	155.1	
10:04:43		3165.711	155.1	
10:05:00				PUT WEIGHT ON TOOL 30,000lb
10:06:06		3157.646	155.1	

PRESSURE VS TIME

MECHANICAL gauge no.: 7483
Clock no.:Gauge Depth: 6384.41 ft
24

Hour:

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90				Data Print Frequency: 1
10:08:12		3153.376	155.1	
10:10:00				INCREASE WEIGHT 35,000lb
10:11:40		3150.530	155.1	
10:14:11		3149.581	155.1	
10:15:00				TOOL OPEN / MODERATE BLOW
		*** Start of Period 1 ***		
10:15:00	0.00	1520.453	155.1	
10:15:32	0.54	1555.996	155.1	
10:16:00				STRONG BLOW
10:16:01	1.02	1518.040	155.1	
10:17:00				STRONG BLOW
10:17:00	2.01	1479.421	155.1	
10:18:00				VERY WET / NO FLAME AT FLARE
10:18:00	3.00	1467.027	155.1	
10:19:00				
10:19:01	4.02	1446.097	155.1	
10:20:00				
10:20:00	5.00	1439.816	155.1	
10:21:00				
10:21:01	6.02	1442.071	155.1	
10:22:00				
10:22:01	7.01	1460.587	155.1	
10:23:00				
10:23:00	8.00	1477.329	155.1	
10:24:01	9.02	1497.446	155.1	
10:25:00				
10:25:01	10.01	1515.627	155.1	
10:26:00	11.00	1534.447	155.1	
10:27:00				
10:27:01	12.02	1557.926	155.1	
10:28:00	13.01	1578.664	155.1	
10:29:00	14.00	1598.433	155.1	
10:30:00				
10:30:01	15.01	1619.160	155.1	
10:31:00	16.00	1636.670	155.1	
10:32:01	17.02	1655.139	155.1	
10:33:01	18.01	1669.912	155.1	
10:34:00	19.00	1681.952	155.1	
10:35:00				
10:35:01	20.02	1693.830	155.1	
10:35:16	20.26	1710.681	155.1	
10:37:00	22.00	1731.219	155.1	
10:39:00	24.01	1749.986	155.1	
10:40:00				
10:41:01	26.01	1767.307	155.1	
10:43:01	28.02	1784.142	155.1	

PRESSURE VS TIME

MECHANICAL gauge no.: 7483
Clock no.:

Gauge Depth: 6384.41 ft
24

Hour:

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS
------------------	-----------------	-------------------	-------------	----------

19-AUG-90

Data Print Frequency: 1

WELL SLUGGING

10:45:00				
10:45:00	30.00	1803.379	155.1	
10:47:00	32.01	1817.643	155.1	
10:49:01	34.02	1827.578	155.1	
10:50:00				
10:51:01	36.02	1834.948	155.1	
10:53:00	38.00	1843.119	155.1	
10:55:00				
10:55:01	40.01	1849.367	155.1	
10:57:01	42.02	1854.333	155.1	
10:59:00	44.00	1858.978	155.1	
11:00:00				
11:01:00	46.00	1864.744	155.1	
11:03:01	48.01	1868.908	155.1	
11:05:00				
11:05:01	50.02	1872.752	155.1	
11:10:00				
11:10:01	55.02	1876.595	155.1	
11:15:00				
11:15:00	60.00	1879.478	155.1	
11:20:00	65.00	1880.118	155.1	
11:25:01	70.01	1880.599	155.1	
11:30:00				
11:30:01	75.01	1879.478	155.1	
11:35:01	80.02	1877.716	155.1	
11:40:01	85.02	1874.994	155.1	
11:41:53	86.88	1874.674	155.1	

*** End of Period 1 ***

*** Start of Period 2 ***

11:42:54	1.02	2160.849	155.1	
11:43:53	2.01	2264.699	155.1	
11:44:53	3.00	2330.999	155.1	
11:45:00				
11:45:54	4.02	2378.465	155.1	
11:46:53	5.00	2419.700	155.1	
11:47:54	6.02	2448.506	155.1	
11:48:54	7.01	2472.214	155.1	
11:49:53	8.00	2486.531	155.1	
11:50:54	9.02	2500.210	155.1	
11:51:54	10.01	2509.752	155.1	
11:52:53	11.00	2513.887	155.1	
11:53:54	12.02	2515.318	155.1	
11:55:53	14.00	2513.251	155.1	
11:57:53	16.00	2508.003	155.1	
11:59:54	18.01	2506.889	155.1	
12:01:54	20.02	2506.730	155.1	

CLOSE TOOL

PRESSURE VS TIME

MECHANICAL gauge no.: 7483
Clock no.:Gauge Depth: 6384.41 ft
24

Hour:

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90		Data Print Frequency:	1	
12:03:53	22.00	2509.434	155.1	
12:05:53	24.01	2512.774	155.1	
12:07:54	26.01	2517.226	155.1	
12:09:54	28.02	2522.633	155.1	
12:11:53	30.00	2527.403	155.1	
12:16:53	35.00	2541.871	155.1	
12:21:54	40.01	2554.430	155.1	
12:26:54	45.01	2566.193	155.1	
12:31:54	50.02	2576.682	155.1	
12:36:54	55.02	2585.900	155.1	
12:41:53	60.00	2594.322	155.1	
12:46:53	65.00	2601.631	155.1	
12:51:53	70.01	2608.940	155.1	
12:56:54	75.01	2615.136	155.1	
13:01:54	80.02	2621.331	155.1	
13:06:54	85.02	2627.686	155.1	
13:11:53	90.00	2632.769	155.1	
13:16:53	95.00	2638.169	155.1	
13:21:53	100.01	2643.411	155.1	
13:26:54	105.01	2647.540	155.1	
13:31:54	110.02	2651.828	155.1	
13:36:54	115.02	2655.481	155.1	
13:41:53	120.00	2659.292	155.1	
13:46:53	125.00	2662.151	155.1	
13:51:53	130.01	2665.644	155.1	
13:56:54	135.01	2669.296	155.1	
14:01:54	140.02	2672.154	155.1	
14:06:54	145.02	2675.330	155.1	
14:11:53	150.00	2678.188	155.1	
14:16:53	155.00	2681.046	155.1	
14:21:53	160.01	2683.586	155.1	
14:26:54	165.01	2685.650	155.1	
14:31:54	170.02	2687.397	155.1	
14:36:54	175.02	2690.096	155.1	
14:41:53	180.00	2692.001	155.1	
14:42:20	180.45	2692.318	155.1	
		*** End of Period 2 ***		
14:42:50		3118.422	155.1	
14:43:34		3114.309	155.1	
14:44:29		3119.054	155.1	
14:45:00				OPEN BYPASS / PACKERS FREE
14:46:21		3122.376	155.1	
14:48:37		3125.224	155.1	
14:50:23		3126.014	155.1	
14:52:10		3126.331	155.1	
14:55:00				DROP REVERSE BAR

Date: 19/8/90

Ticket No: 000461

Page No: 3.1.7

PRESSURE VS TIME

MECHANICAL gauge no.: 7483
Clock no.:

Gauge Depth: 6384.41 ft
24

Hour:

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS
------------------	-----------------	-------------------	-------------	----------

19-AUG-90

Data Print Frequency: 1

14:55:17		3128.703	155.1	
14:55:24		2985.951	155.1	
14:56:00				
14:56:00		3219.781	155.1	
14:56:21		3026.482	155.1	
14:57:06		3066.526	155.1	
14:57:21		3030.915	155.1	
14:58:36		3116.523	155.1	
14:59:07		3092.002	155.1	
15:04:16		3129.652	155.1	
15:05:33		3147.050	155.1	
15:07:45		3142.938	155.1	
15:09:43		3234.797	155.1	
15:11:11		3288.998	155.1	
15:14:44		3329.595	155.1	
15:17:20		3204.764	155.1	
15:19:55		3298.951	155.1	
15:22:42		3190.535	155.1	
15:24:53		3176.622	155.1	
15:26:18		3353.917	155.1	
15:27:44		3259.608	155.1	
15:30:20		3217.884	155.1	
15:32:37		3200.495	155.1	
15:33:04		3155.907	155.1	
15:33:29		3135.663	155.1	
15:34:03		3183.737	155.1	
15:34:39		3098.489	155.1	
15:35:23		3172.827	155.1	
15:36:06		3143.413	155.1	
15:37:00		3160.493	155.1	
15:38:37		3143.887	155.1	
15:39:06		3123.009	155.1	
15:40:00				
15:40:12		3140.882	155.1	
15:43:55		3146.576	155.1	
15:44:31		3169.664	155.1	
15:49:40		3167.767	155.1	
15:54:42		3163.655	155.1	
16:02:17		3165.711	155.1	
16:11:53		3166.502	155.1	
16:21:53		3165.869	155.1	
16:31:54		3165.395	155.1	
16:41:53		3165.711	155.1	
16:48:18		3166.027	155.1	
16:48:39		3154.958	155.1	
16:48:59		3170.139	155.1	

PIN BROKE , START REVERSE CIRC

CIRCULATE LONG WAY

Date: 19/8/90

Ticket No: 000461

Page No: 3.1.8

PRESSURE VS TIME

MECHANICAL gauge no.: 7483

Gauge Depth: 6384.41 ft

Clock no.:

Hour:

24

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90				Data Print Frequency: 1
16:51:53		3168.874	155.1	
17:01:54		3168.241	155.1	
17:11:53		3167.134	155.1	
17:21:53		3160.335	155.1	
17:30:55		3157.488	155.1	
17:31:54		3146.260	155.1	
17:32:14		3204.606	155.1	
17:33:17		3159.069	155.1	
17:45:55		3157.646	155.1	
17:55:20		3155.907	155.1	
18:03:20		3157.646	155.1	
18:13:17		3155.590	155.1	
18:25:09		3156.223	155.1	
18:35:04		3155.590	155.1	
18:39:00		3155.590	155.1	
18:39:07		3135.505	155.1	
18:39:41		3141.357	155.1	
18:40:05		3161.283	155.1	
18:40:16		3085.831	155.1	
18:41:33		3140.882	155.1	
18:45:00				PULL OUT OF HOLE
18:50:00		3136.770	155.1	
18:50:41		3071.432	155.1	
18:51:17		3130.443	155.1	
18:51:51		3096.274	155.1	
18:58:09		3082.192	155.1	
19:00:22		3036.613	155.1	
19:05:04		2982.942	155.1	
19:08:01		2928.456	155.1	
19:12:32		2868.872	155.1	
19:16:55		2800.695	155.1	
19:21:05		2731.524	155.1	
19:26:09		2665.485	155.1	
19:30:56		2602.425	155.1	
19:36:06		2526.926	155.1	
19:41:06		2462.191	155.1	
19:44:34		2396.617	155.1	
19:48:26		2328.132	155.1	
19:51:55		2256.886	155.1	
19:55:33		2186.224	155.1	
20:03:22		2191.171	155.1	
20:07:59		2126.845	155.1	
20:13:12		2057.040	155.1	
20:17:43		1994.056	155.1	
20:22:56		1932.145	155.1	
20:26:19		1859.779	155.1	

Date: 19/8/90

Ticket No: 000461

Page No: 3.1.9

PRESSURE VS TIME

MECHANICAL gauge no.: 7483

Gauge Depth: 6384.41 ft

Clock no.:

Hour:

24

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS
------------------	-----------------	-------------------	-------------	----------

19-AUG-90

Data Print Frequency: 1

20:29:34		1796.646	155.1	
20:33:40		1734.588	155.1	
20:39:00		1672.159	155.1	
20:42:45		1607.271	155.1	
20:45:00		1544.418	155.1	
20:47:58		1485.698	155.1	
20:51:51		1424.355	155.1	
20:55:00		1364.089	155.1	
20:57:55		1306.676	155.1	
21:01:54		1245.989	155.1	
21:06:20		1187.996	155.1	
21:09:18		1127.044	155.1	
21:12:36		1069.922	155.1	
21:17:22		1012.267	155.1	
21:21:06		954.075	155.1	
21:24:31		900.377	155.1	
21:28:09		839.163	155.1	
21:32:03		786.670	155.1	
21:36:22		729.090	155.1	
21:39:52		674.063	155.1	
21:43:48		613.935	155.1	
21:46:46		557.501	155.1	
21:49:44		502.322	155.1	
21:52:56		445.458	155.1	
21:56:19		387.886	155.1	
21:58:05		362.516	155.1	
22:04:39		369.555	155.1	
22:09:23		323.050	155.1	
22:12:48		267.326	155.1	
22:17:20		220.246	155.1	
22:18:41		190.371	155.1	
22:27:04		186.595	155.1	
22:29:01		152.924	155.1	
22:34:27		117.260	155.1	
22:38:51		69.564	155.1	
22:46:22		56.070	155.1	
22:54:40		54.588	155.1	
22:57:38		42.737	155.1	
23:00:00				
23:09:39		40.268	155.1	
23:12:39		33.518	155.1	
23:23:01		31.707	155.1	
23:32:26		30.060	155.1	
23:36:05		29.072	155.1	
23:42:01		20.180	155.1	
23:44:13		58.703	155.1	

TOOL AT FLOOR

Date: 19/8/90

Ticket No: 000461

Page No: 3.1.10

PRESSURE VS TIME

MECHANICAL gauge no.: 7483
Clock no.:

Gauge Depth: 6384.41 ft
24

Hour:

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS
------------------	-----------------	-------------------	-------------	----------

19-AUG-90

Data Print Frequency: 1

23:45:41		17.216	155.1	
23:52:13		15.075	155.1	
23:58:32		12.934	155.1	

20-AUG-90

00:03:31		12.604	155.1	
00:05:00				STOP EMR GAUGE
00:10:48		12.604	155.1	
00:19:44		12.604	155.1	
00:27:17		12.604	155.1	
00:34:26		12.439	155.1	
00:35:11		12.439	155.1	

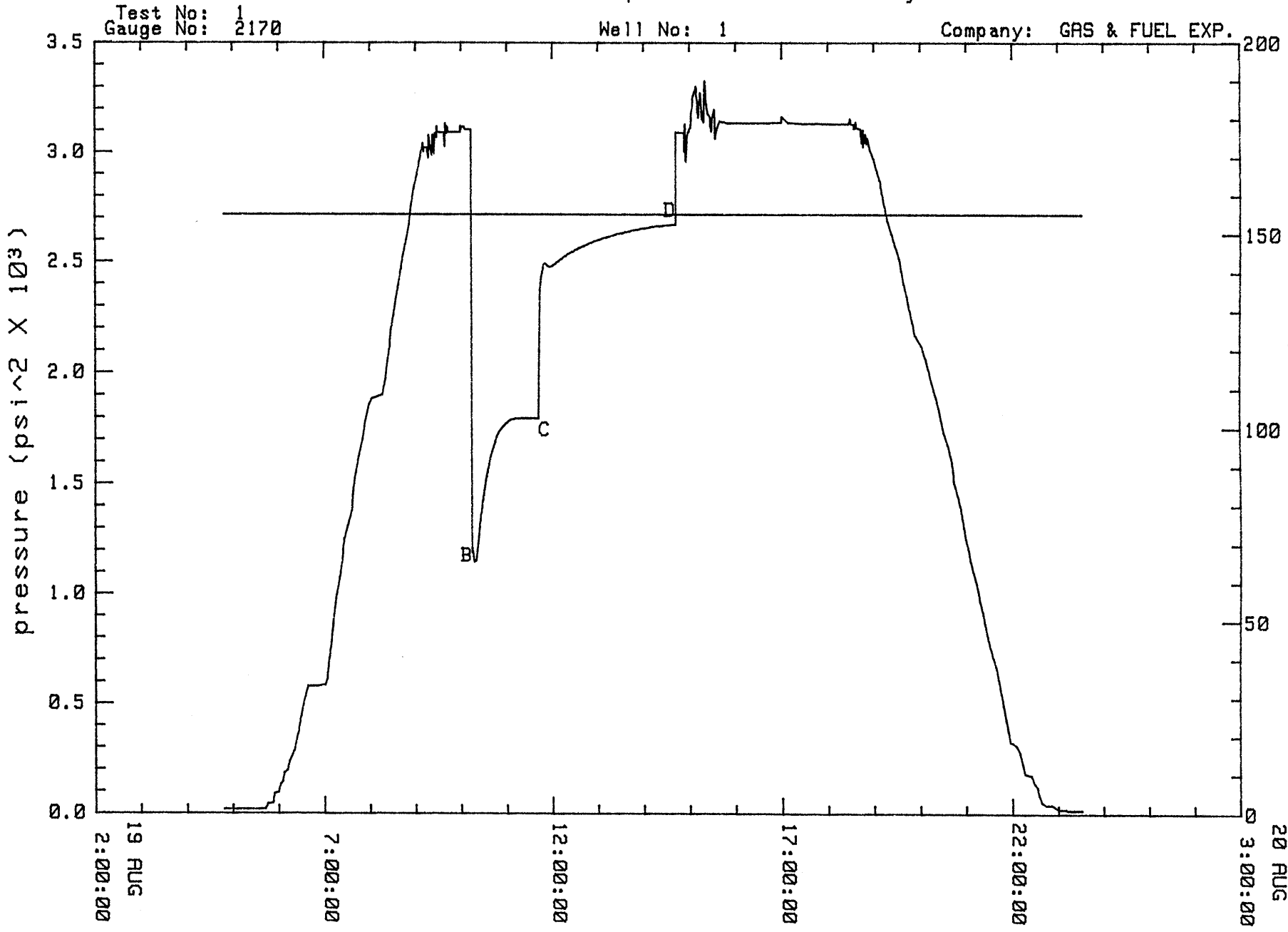
TEST PERIOD SUMMARY

Gauge No.: 2170 Depth: 6334.37 ft Blanked off : No
Hour of clock: 24

ID	PERIOD	DESCRIPTION	PRESSURE (psi)	DURATION (min)
A		Initial Hydrostatic	3091.04	
B	1	Start Draw-down	1186.07	
C		End Draw-down	1792.87	87.12
C	2	Start Build-up	1792.87	
D		End Build-up	2671.14	180.12
E		Final Hydrostatic	3090.72	

NOTE: for Pressure vs. Time Plot, see next page.

Pressure/Temperature History



Date: 19/8/90

Ticket No: 000461
temperature (F)

Page No: 3.2.0

20 AUG

PRESSURE VS TIME

MECHANICAL gauge no.: 2170
Clock no.:

Gauge Depth: 6334.37 ft
24

Hour:

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS
------------------	-----------------	-------------------	-------------	----------

19-AUG-90

Data Print Frequency: 1

SURFACE PRESSURE = PSIG
MAKE UP TOOLS

03:20:00				
03:20:00				
04:48:50		16.436	155.1	
05:03:49		16.436	155.1	
05:18:50		16.436	155.1	
05:32:00				START EMR GAUGE
05:33:49		16.436	155.1	
05:34:42		18.753	155.1	
05:36:18		20.077	155.1	
05:42:54		21.070	155.1	
05:46:13		43.405	155.1	
05:48:00				RUN IN HOLE
05:52:30		45.886	155.1	
05:54:40		90.202	155.1	
06:00:06		94.665	155.1	
06:03:02		132.341	155.1	
06:05:52		143.244	155.1	
06:07:37		183.204	155.1	
06:11:44		194.428	155.1	
06:14:48		237.493	155.1	
06:20:35		282.015	155.1	
06:25:23		355.992	155.1	
06:29:40		439.104	155.1	
06:34:32		522.615	155.1	
06:39:02		578.292	155.1	
06:45:00				MAKE UP TEST HEAD
06:49:00				On Location
06:50:53		578.292	155.1	
07:01:10		583.545	155.1	
07:04:08		609.151	155.1	
07:05:00				RUN IN HOLE
07:07:03		706.079	155.1	
07:09:50		776.364	155.1	
07:11:53		855.749	155.1	
07:14:19		932.768	155.1	
07:16:33		995.672	155.1	
07:20:56		1078.276	155.1	
07:24:33		1171.234	155.1	
07:26:47		1251.557	155.1	
07:31:21		1310.492	155.1	
07:36:29		1377.848	155.1	
07:37:56		1460.759	155.1	
07:41:23		1543.763	155.1	
07:45:28		1623.293	155.1	
07:50:28		1696.764	155.1	
07:54:03		1781.690	155.1	

Date: 19/8/90

Ticket No: 000461

Page No: 3.2.2

PRESSURE VS TIME

MECHANICAL gauge no.: 2170
Clock no.:

Gauge Depth: 6334.37 ft
24

Hour:

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90				Data Print Frequency: 1
07:59:00		1858.618	155.1	
08:02:36		1883.225	155.1	
08:16:34		1901.353	155.1	
08:20:33		1972.380	155.1	
08:23:04		2048.702	155.1	
08:26:06		2118.354	155.1	
08:27:35		2188.292	155.1	
08:31:07		2257.065	155.1	
08:34:21		2329.031	155.1	
08:37:44		2393.061	155.1	
08:41:05		2465.285	155.1	
08:44:19		2533.610	155.1	
08:48:23		2598.846	155.1	
08:51:55		2669.694	155.1	
08:54:30		2750.008	155.1	
08:58:00		2832.380	155.1	
09:02:14		2894.299	155.1	
09:06:36		2970.347	155.1	
09:10:26		3040.103	155.1	
09:11:01		3001.370	155.1	
09:11:21		3019.693	155.1	
09:12:00				PICK UP SINGLE AND 10' PUP JNT
09:15:39		3020.175	155.1	
09:17:38		2973.402	155.1	
09:17:40		3077.706	155.1	
09:19:27		3032.550	155.1	
09:22:11		2986.743	155.1	
09:23:24		3080.759	155.1	
09:25:04		2992.048	155.1	
09:26:24		3088.150	155.1	
09:27:05		3073.849	155.1	
09:27:33		3087.668	155.1	
09:28:28		3068.225	155.1	
09:28:43		3118.034	155.1	
09:29:07		3094.416	155.1	
09:30:00				RIG UP SURFACE EQUIPMENT
09:31:33		3090.239	155.1	
09:38:16		3088.632	155.1	
09:39:34		3026.764	155.1	
09:40:04		3131.850	155.1	
09:40:33		3087.668	155.1	
09:42:00		3088.150	155.1	
09:42:11		3118.034	155.1	
09:42:34		3097.469	155.1	
09:42:52		3110.644	155.1	
09:43:24		3093.773	155.1	

PRESSURE VS TIME

MECHANICAL gauge no.: 2170
Clock no.:Gauge Depth: 6334.37 ft
24

Hour:

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90				Data Print Frequency: 1
09:44:32		3091.845	155.1	
09:50:00				PRESSURE TEST SURFACE EQUIP.
09:51:49		3091.042	155.1	
09:55:30		3091.042	155.1	
09:59:29		3091.042	155.1	
10:00:03		3120.604	155.1	
10:00:31		3104.860	155.1	
10:01:00		3116.427	155.1	
10:04:14		3116.427	155.1	
10:05:00				PUT WEIGHT ON TOOL 30,000lb
10:06:02		3105.824	155.1	
10:10:00				INCREASE WEIGHT 35,000lb
10:10:01		3103.735	155.1	
10:12:43		3103.414	155.1	
10:13:45		3103.574	155.1	
10:15:00				TOOL OPEN / MODERATE BLOW
		*** Start of Period 1 ***		
10:15:00	0.00	1186.065	155.1	
10:15:30	0.50	1210.019	155.1	
10:16:00				STRONG BLOW
10:16:01	1.01	1195.680	155.1	
10:17:00				STRONG BLOW
10:17:01	2.02	1170.582	155.1	
10:18:00				VERY WET / NO FLAME AT FLARE
10:18:00	3.00	1144.498	155.1	
10:19:00				
10:19:00	4.01	1148.411	155.1	
10:20:00				
10:20:01	5.01	1150.367	155.1	
10:20:29	5.49	1153.465	155.1	
10:21:00				
10:21:01	6.02	1166.507	155.1	
10:22:00				
10:22:00	7.00	1195.680	155.1	
10:23:00				
10:23:01	8.01	1232.012	155.1	
10:24:01	9.02	1263.933	155.1	
10:25:00				
10:25:00	10.00	1299.099	155.1	
10:26:01	11.01	1332.787	155.1	
10:27:00				
10:27:01	12.02	1364.999	155.1	
10:28:00	13.00	1391.346	155.1	
10:29:00	14.01	1419.963	155.1	
10:30:00				
10:30:01	15.01	1444.507	155.1	

PRESSURE VS TIME

MECHANICAL gauge no.: 2170
Clock no.:Gauge Depth: 6334.37 ft
24

Hour:

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS
------------------	-----------------	-------------------	-------------	----------

19-AUG-90

Data Print Frequency: 1

10:31:01	16.02	1469.209	155.1	
10:32:00	17.00	1489.842	155.1	
10:33:01	18.01	1512.096	155.1	
10:34:01	19.02	1532.884	155.1	
10:35:00				
10:35:00	20.00	1550.095	155.1	
10:37:01	22.02	1584.834	155.1	
10:39:00	24.01	1619.886	155.1	
10:40:00				
10:41:01	26.02	1644.058	155.1	
10:43:01	28.01	1663.846	155.1	
10:45:00				WELL SLUGGING
10:45:00	30.00	1685.901	155.1	
10:47:01	32.02	1709.896	155.1	
10:49:00	34.01	1727.079	155.1	
10:50:00				
10:51:01	36.02	1739.235	155.1	
10:53:01	38.01	1748.473	155.1	
10:55:00				
10:55:00	40.00	1756.251	155.1	
10:57:01	42.02	1763.381	155.1	
10:59:00	44.01	1771.483	155.1	
11:00:00				
11:01:01	46.02	1777.315	155.1	
11:03:01	48.01	1782.662	155.1	
11:05:00				
11:05:00	50.00	1787.522	155.1	
11:10:00				
11:10:01	55.01	1792.544	155.1	
11:15:00				
11:15:00	60.00	1794.974	155.1	
11:20:01	65.01	1797.080	155.1	
11:25:00	70.00	1797.403	155.1	
11:30:00				
11:30:01	75.01	1796.756	155.1	
11:35:00	80.00	1795.136	155.1	
11:40:01	85.01	1793.678	155.1	
11:42:07	87.12	1792.868	155.1	

*** End of Period 1 ***

*** Start of Period 2 ***

11:43:08	1.01	2094.764	155.1	
11:44:08	2.02	2368.549	155.1	
11:45:00				CLOSE TOOL
11:45:07	3.00	2399.673	155.1	
11:46:08	4.01	2429.983	155.1	
11:47:08	5.01	2449.166	155.1	

Date: 19/8/90

Ticket No: 000461

Page No: 3.2.5

PRESSURE VS TIME

MECHANICAL gauge no.: 2170
Clock no.:

Gauge Depth: 6334.37 ft
24

Hour:

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS
------------------	-----------------	-------------------	-------------	----------

19-AUG-90

Data Print Frequency: 1

11:48:09	6.02	2471.410	155.1
11:49:07	7.00	2484.947	155.1
11:50:08	8.01	2490.265	155.1
11:51:09	9.02	2491.877	155.1
11:52:07	10.00	2489.137	155.1
11:54:08	12.02	2481.563	155.1
11:56:08	14.01	2477.373	155.1
11:58:09	16.02	2477.373	155.1
12:00:08	18.01	2479.951	155.1
12:02:07	20.00	2484.947	155.1
12:04:08	22.02	2490.104	155.1
12:06:08	24.01	2496.067	155.1
12:08:09	26.02	2501.546	155.1
12:10:08	28.01	2507.024	155.1
12:12:07	30.00	2511.697	155.1
12:17:08	35.01	2524.748	155.1
12:22:07	40.00	2536.348	155.1
12:27:08	45.01	2546.176	155.1
12:32:07	50.00	2555.680	155.1
12:37:08	55.01	2564.379	155.1
12:42:07	60.00	2572.594	155.1
12:52:07	70.00	2588.056	155.1
13:02:07	80.00	2601.101	155.1
13:12:07	90.00	2611.730	155.1
13:22:07	100.00	2622.197	155.1
13:32:07	110.00	2631.375	155.1
13:42:07	120.00	2638.943	155.1
13:52:07	130.00	2647.315	155.1
14:02:07	140.00	2652.789	155.1
14:12:07	150.00	2658.746	155.1
14:22:07	160.00	2664.059	155.1
14:32:07	170.00	2668.406	155.1
14:42:07	180.00	2671.142	155.1
14:42:14	180.12	2671.142	155.1

*** End of Period 2 ***

14:42:34		3090.881	155.1
14:43:58		3090.399	155.1
14:45:00			
14:52:02		3090.721	155.1
14:53:27		3090.721	155.1
14:53:45		3001.210	155.1
14:54:42		3127.995	155.1
14:55:00			
14:55:53		2956.683	155.1
14:56:00			
14:57:12		3043.478	155.1

OPEN BYPASS / PACKERS FREE

DROP REVERSE BAR

PIN BROKE , START REVERSE CIRC

PRESSURE VS TIME

MECHANICAL gauge no.: 2170
Clock no.:Gauge Depth: 6334.37 ft
24

Hour:

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS
------------------	-----------------	-------------------	-------------	----------

19-AUG-90

Data Print Frequency: 1

14:58:41		3091.524	155.1	
15:00:10		3097.148	155.1	
15:00:49		3108.716	155.1	
15:02:14		3114.017	155.1	
15:05:36		3258.897	155.1	
15:09:15		3300.646	155.1	
15:12:11		3157.874	155.1	
15:14:49		3270.940	155.1	
15:16:52		3151.770	155.1	
15:19:09		3139.722	155.1	
15:20:44		3325.371	155.1	
15:22:07		3227.421	155.1	
15:24:56		3174.259	155.1	
15:27:46		3158.838	155.1	
15:28:02		3119.159	155.1	
15:29:34		3095.702	155.1	
15:30:15		3154.340	155.1	
15:33:08		3194.497	155.1	
15:34:08		3060.994	155.1	
15:36:50		3111.768	155.1	
15:40:00				
15:40:40		3142.774	155.1	
15:50:20		3133.939	155.1	
16:02:02		3134.742	155.1	
16:13:58		3134.742	155.1	
16:27:12		3134.099	155.1	
16:37:58		3134.421	155.1	
16:48:03		3136.348	155.1	
16:58:30		3138.437	155.1	
17:00:26		3137.794	155.1	
17:00:36		3161.730	155.1	
17:08:51		3134.903	155.1	
17:18:16		3131.529	155.1	
17:27:42		3129.762	155.1	
17:39:59		3129.119	155.1	
17:52:48		3128.958	155.1	
18:03:38		3128.316	155.1	
18:18:11		3128.155	155.1	
18:27:24		3127.834	155.1	
18:29:22		3150.967	155.1	
18:30:19		3129.922	155.1	
18:34:03		3127.673	155.1	
18:34:28		3106.627	155.1	
18:36:06		3110.644	155.1	
18:36:49		3136.991	155.1	
18:37:21		3112.090	155.1	

CIRCULATE LONG WAY

PRESSURE VS TIME

MECHANICAL gauge no.: 2170
Clock no.:

Gauge Depth: 6334.37 ft
24

Hour:

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS
------------------	-----------------	-------------------	-------------	----------

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS
19-AUG-90		Data Print Frequency: 1		
18:43:22		3105.663	155.1	
18:44:46		3042.032	155.1	
18:45:00				PULL OUT OF HOLE
18:46:17		3102.771	155.1	
18:46:38		3024.354	155.1	
18:47:10		3064.690	155.1	
18:48:11		3045.889	155.1	
18:48:59		3083.169	155.1	
18:50:51		3039.139	155.1	
18:51:37		3064.369	155.1	
18:55:23		3008.603	155.1	
18:59:43		2971.794	155.1	
19:03:31		2921.313	155.1	
19:08:11		2870.821	155.1	
19:10:51		2810.825	155.1	
19:14:12		2754.192	155.1	
19:18:05		2685.148	155.1	
19:23:08		2627.672	155.1	
19:27:58		2570.822	155.1	
19:33:06		2514.759	155.1	
19:35:57		2456.420	155.1	
19:39:02		2400.962	155.1	
19:42:57		2344.033	155.1	
19:46:15		2283.048	155.1	
19:50:10		2224.620	155.1	
19:53:36		2165.522	155.1	
20:01:16		2122.393	155.1	
20:06:25		2070.361	155.1	
20:10:35		2017.662	155.1	
20:14:56		1957.013	155.1	
20:19:45		1900.381	155.1	
20:24:17		1842.751	155.1	
20:27:17		1786.874	155.1	
20:30:47		1730.969	155.1	
20:36:04		1678.766	155.1	
20:40:03		1621.508	155.1	
20:42:57		1561.947	155.1	
20:44:37		1502.026	155.1	
20:48:37		1452.634	155.1	
20:52:36		1401.428	155.1	
20:55:32		1345.640	155.1	
20:57:38		1300.075	155.1	
21:00:24		1250.743	155.1	
21:03:42		1203.828	155.1	
21:06:13		1151.835	155.1	
21:09:32		1104.868	155.1	

PRESSURE VS TIME

MECHANICAL gauge no.: 2170
Clock no.:

Gauge Depth: 6334.37 ft
24

Hour:

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS
------------------	-----------------	-------------------	-------------	----------

19-AUG-90

Data Print Frequency: 1

21:12:57		1061.957	155.1	
21:15:52		1017.718	155.1	
21:18:25		967.249	155.1	
21:21:49		921.653	155.1	
21:24:44		868.345	155.1	
21:27:47		813.529	155.1	
21:31:44		758.184	155.1	
21:35:25		710.669	155.1	
21:39:31		666.732	155.1	
21:42:25		612.761	155.1	
21:46:04		549.555	155.1	
21:48:59		490.077	155.1	
21:52:11		432.195	155.1	
21:55:04		375.421	155.1	
21:57:58		324.533	155.1	
22:05:27		312.505	155.1	
22:10:17		282.180	155.1	
22:13:27		231.885	155.1	
22:17:06		182.379	155.1	
22:25:14		172.638	155.1	
22:29:11		138.619	155.1	
22:33:02		121.768	155.1	
22:35:05		89.210	155.1	
22:39:31		50.683	155.1	
22:44:42		39.766	155.1	
22:53:42		37.450	155.1	
22:57:01		28.185	155.1	
23:00:00				TOOL AT FLOOR
23:00:19		21.897	155.1	
23:05:04		19.580	155.1	
23:11:09		19.580	155.1	
23:12:38		16.602	155.1	
23:21:51		16.602	155.1	
23:30:35		16.436	155.1	
23:31:42		16.436	155.1	

20-AUG-90

00:05:00

STOP EMR GAUGE

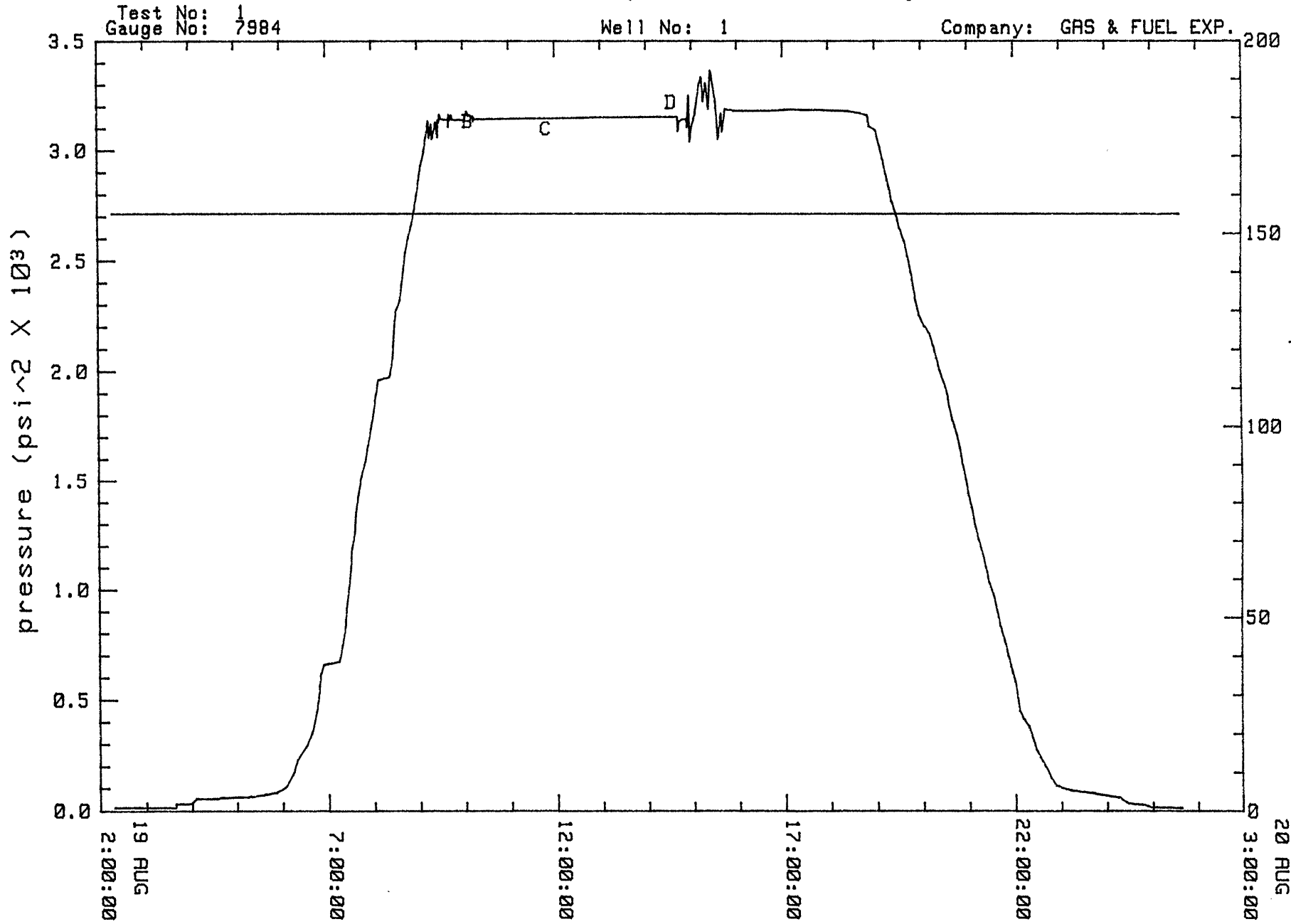
TEST PERIOD SUMMARY

Gauge No.: 7984 Depth: 6478.00 ft Blanked off : Yes
Hour of clock: 48

ID	PERIOD	DESCRIPTION	PRESSURE (psi)	DURATION (min)
A		Initial Hydrostatic	3139.32	
B	1	Start Draw-down	3143.33	
C		End Draw-down	3148.74	87.02
C	2	Start Build-up	3148.74	
D		End Build-up	3155.53	180.10
E		Final Hydrostatic	3144.73	

NOTE: for Pressure vs. Time Plot, see next page.

Pressure/Temperature History



Date: 19/8/90
Ticket No: 000461
Page No: 3.3.0

PRESSURE VS TIME

MECHANICAL gauge no.: 7984
Clock no.:Gauge Depth: 6478.00 ft
48

Hour:

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS
------------------	-----------------	-------------------	-------------	----------

19-AUG-90

Data Print Frequency: 1

02:19:27 13.113 155.1

02:34:28 13.113 155.1

02:49:26 13.113 155.1

03:04:27 13.113 155.1

03:19:25 13.113 155.1

03:20:00

SURFACE PRESSURE = PSIG
MAKE UP TOOLS

03:20:00

03:34:26 13.113 155.1

03:39:41 13.292 155.1

03:41:17 31.135 155.1

03:47:45 33.097 155.1

04:01:04 33.276 155.1

04:07:08 54.684 155.1

04:22:31 53.436 155.1

04:35:11 55.041 155.1

04:41:36 60.928 155.1

05:02:45 63.782 155.1

05:16:18 63.782 155.1

05:32:00

START EMR GAUGE

05:36:17 72.701 155.1

05:48:00

RUN IN HOLE

05:53:00 83.582 155.1

06:04:58 106.945 155.1

06:14:27 163.825 155.1

06:20:21 231.377 155.1

06:31:46 289.459 155.1

06:39:40 350.904 155.1

06:45:00

MAKE UP TEST HEAD

06:45:37 445.072 155.1

06:48:52 529.578 155.1

06:49:00

On Location

06:51:38 619.371 155.1

06:55:17 658.472 155.1

07:05:00

RUN IN HOLE

07:16:19 674.998 155.1

07:19:51 745.880 155.1

07:24:02 831.283 155.1

07:25:48 918.589 155.1

07:28:41 1006.197 155.1

07:31:17 1088.790 155.1

07:32:31 1185.678 155.1

07:36:49 1264.451 155.1

07:38:28 1360.687 155.1

07:41:39 1431.937 155.1

07:45:14 1516.751 155.1

07:50:36 1587.389 155.1

Date: 19/8/90

Ticket No: 000461

Page No: 3.3.2

PRESSURE VS TIME

MECHANICAL gauge no.: 7984
Clock no.:

Gauge Depth: 6478.00 ft
48

Hour:

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS
------------------	-----------------	-------------------	-------------	----------

19-AUG-90

Data Print Frequency: 1

07:54:08		1661.518	155.1	
07:58:05		1737.723	155.1	
08:02:12		1814.059	155.1	
08:04:55		1891.408	155.1	
08:08:02		1960.964	155.1	
08:23:14		1975.751	155.1	
08:27:01		2059.159	155.1	
08:28:15		2134.073	155.1	
08:29:36		2211.403	155.1	
08:31:29		2276.041	155.1	
08:36:40		2319.934	155.1	
08:39:19		2391.358	155.1	
08:41:44		2460.285	155.1	
08:43:55		2533.553	155.1	
08:47:17		2596.619	155.1	
08:51:52		2652.824	155.1	
08:55:53		2724.924	155.1	
08:58:56		2792.784	155.1	
09:01:50		2865.146	155.1	
09:04:46		2931.351	155.1	
09:09:04		2993.155	155.1	
09:11:22		3055.273	155.1	
09:12:00				
09:14:44		3133.919	155.1	
09:16:02		3056.320	155.1	
09:18:44		3119.972	155.1	
09:20:16		3052.831	155.1	
09:24:27		3127.295	155.1	
09:27:20		3061.553	155.1	
09:27:31		3138.451	155.1	
09:28:59		3127.295	155.1	
09:29:49		3163.375	155.1	
09:30:00				
09:31:07		3144.900	155.1	
09:35:32		3140.891	155.1	
09:41:11		3140.194	155.1	
09:41:29		3108.291	155.1	
09:41:53		3164.246	155.1	
09:43:32		3139.846	155.1	
09:45:33		3160.064	155.1	
09:46:50		3141.937	155.1	
09:50:00				
09:51:33		3139.323	155.1	
09:55:19		3141.240	155.1	
09:56:51		3139.323	155.1	
10:00:13		3139.323	155.1	

PICK UP SINGLE AND 10' PUP JNT

RIG UP SURFACE EQUIPMENT

PRESSURE TEST SURFACE EQUIP.

PRESSURE VS TIME

MECHANICAL gauge no.: 7984
Clock no.:

Hour:

Gauge Depth: 6478.00 ft
48

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90				Data Print Frequency: 1
10:02:48		3141.240	155.1	
10:05:00				PUT WEIGHT ON TOOL 30,000lb
10:05:06		3179.233	155.1	
10:07:31		3159.889	155.1	
10:10:00				INCREASE WEIGHT 35,000lb
10:13:42		3155.184	155.1	
10:14:21		3134.790	155.1	
10:14:56		3148.561	155.1	
10:15:00				TOOL OPEN / MODERATE BLOW
		*** Start of Period 1 ***		
10:15:00	0.00	3143.332	155.1	
10:15:25	0.41	3143.855	155.1	
10:16:00				STRONG BLOW
10:17:00				STRONG BLOW
10:18:00				VERY WET / NO FLAME AT FLARE
10:19:00				
10:20:00				
10:20:00	5.01	3145.249	155.1	
10:21:00				
10:22:00				
10:23:00				
10:25:00				
10:25:01	10.02	3145.249	155.1	
10:27:00				
10:30:00				
10:35:00				
10:35:02	20.03	3145.772	155.1	
10:40:00				
10:45:00				WELL SLUGGING
10:45:03	30.05	3146.469	155.1	
10:50:00				
10:55:00				
11:00:00				
11:05:00				
11:05:01	50.02	3147.515	155.1	
11:10:00				
11:15:00				
11:25:03	70.05	3148.561	155.1	
11:30:00				
11:42:01	87.02	3148.735	155.1	
11:45:00				CLOSE TOOL
		*** End of Period 1 ***		
		*** Start of Period 2 ***		
11:52:02	10.02	3148.909	155.1	
12:12:04	30.05	3149.781	155.1	
12:32:02	50.02	3151.349	155.1	

Date: 19/8/90

Ticket No: 000461

Page No: 3.3.4

PRESSURE VS TIME

MECHANICAL gauge no.: 7984
Clock no.:

Gauge Depth: 6478.00 ft
48

Hour:

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90				Data Print Frequency: 1
12:52:04	70.05	3153.267	155.1	
13:12:02	90.02	3153.790	155.1	
13:32:04	110.05	3154.138	155.1	
13:52:02	130.02	3154.835	155.1	
14:12:01	150.00	3155.358	155.1	
14:32:03	170.03	3155.532	155.1	
14:42:07	180.10	3155.532	155.1	
		*** End of Period 2 ***		
14:43:04		3087.191	155.1	
14:44:32		3133.396	155.1	
14:45:00				OPEN BYPASS / PACKERS FREE
14:49:40		3143.157	155.1	
14:52:40		3144.726	155.1	
14:54:12		3144.900	155.1	
14:55:00				DROP REVERSE BAR
14:55:12		3107.419	155.1	
14:56:00				PIN BROKE , START REVERSE CIRC
14:56:54		3251.696	155.1	
14:58:26		3040.445	155.1	
15:00:55		3108.465	155.1	
15:03:41		3142.112	155.1	
15:05:30		3168.080	155.1	
15:10:31		3299.399	155.1	
15:13:35		3333.335	155.1	
15:16:07		3223.483	155.1	
15:19:14		3307.927	155.1	
15:23:04		3190.384	155.1	
15:25:32		3364.304	155.1	
15:32:29		3222.264	155.1	
15:36:01		3052.133	155.1	
15:40:00				CIRCULATE LONG WAY
15:40:02		3169.649	155.1	
15:41:30		3085.971	155.1	
15:45:16		3190.210	155.1	
15:56:25		3181.324	155.1	
16:05:43		3182.195	155.1	
16:16:37		3180.975	155.1	
16:33:56		3180.975	155.1	
16:49:15		3184.286	155.1	
17:10:07		3188.468	155.1	
17:26:36		3184.112	155.1	
17:47:17		3183.415	155.1	
18:05:44		3181.324	155.1	
18:26:35		3178.710	155.1	
18:42:58		3170.346	155.1	
18:45:00				PULL OUT OF HOLE

Date: 19/8/90

Ticket No: 000461

Page No: 3.3.5

PRESSURE VS TIME

MECHANICAL gauge no.: 7984
Clock no.:

Gauge Depth: 6478.00 ft
48

Hour:

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS
------------------	-----------------	-------------------	-------------	----------

19-AUG-90 Data Print Frequency: 1

18:50:51		3160.238	155.1	
18:53:20		3110.732	155.1	
19:00:59		3093.469	155.1	
19:05:46		3028.929	155.1	
19:10:18		2963.828	155.1	
19:14:18		2896.943	155.1	
19:18:50		2834.389	155.1	
19:22:22		2770.226	155.1	
19:27:26		2712.153	155.1	
19:31:44		2649.498	155.1	
19:37:41		2595.043	155.1	
19:42:21		2522.513	155.1	
19:46:21		2453.096	155.1	
19:49:25		2390.305	155.1	
19:52:29		2323.620	155.1	
19:56:50		2256.899	155.1	
20:03:44		2203.672	155.1	
20:10:13		2173.974	155.1	
20:15:17		2117.547	155.1	
20:19:38		2061.446	155.1	
20:23:14		2008.839	155.1	
20:28:36		1955.683	155.1	
20:33:22		1900.214	155.1	
20:36:05		1837.850	155.1	
20:40:16		1779.158	155.1	
20:45:09		1722.732	155.1	
20:49:52		1658.519	155.1	
20:53:31		1576.972	155.1	
20:57:49		1507.565	155.1	
21:00:39		1442.895	155.1	
21:05:00		1379.078	155.1	
21:08:53		1300.370	155.1	
21:13:19		1234.186	155.1	
21:18:33		1170.450	155.1	
21:22:58		1106.685	155.1	
21:27:20		1036.155	155.1	
21:33:17		979.955	155.1	
21:37:31		909.009	155.1	
21:41:46		835.898	155.1	
21:47:25		770.032	155.1	
21:51:57		702.005	155.1	
21:56:33		637.501	155.1	
22:00:37		586.661	155.1	
22:04:06		511.969	155.1	
22:06:41		451.834	155.1	
22:11:45		416.774	155.1	

PRESSURE VS TIME

MECHANICAL gauge no.: 7984
Clock no.:

Gauge Depth: 6478.00 ft
48

Hour:

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS
------------------	-----------------	-------------------	-------------	----------

19-AUG-90

Data Print Frequency: 1

22:18:07		386.869	155.1	
22:23:32		331.671	155.1	
22:28:18		276.989	155.1	
22:33:15		244.919	155.1	
22:40:12		202.149	155.1	
22:47:34		150.276	155.1	
22:54:17		115.684	155.1	
23:00:00				TOOL AT FLOOR
23:08:26		97.137	155.1	
23:28:31		86.435	155.1	
23:44:15		79.301	155.1	

20-AUG-90

00:01:06		70.025	155.1	
00:05:00				STOP EMR GAUGE
00:17:36		60.750	155.1	
00:29:08		34.524	155.1	
00:49:56		27.566	155.1	
00:59:43		17.752	155.1	
01:14:44		15.611	155.1	
01:27:35		14.719	155.1	
01:36:18		13.113	155.1	
01:38:36		13.113	155.1	

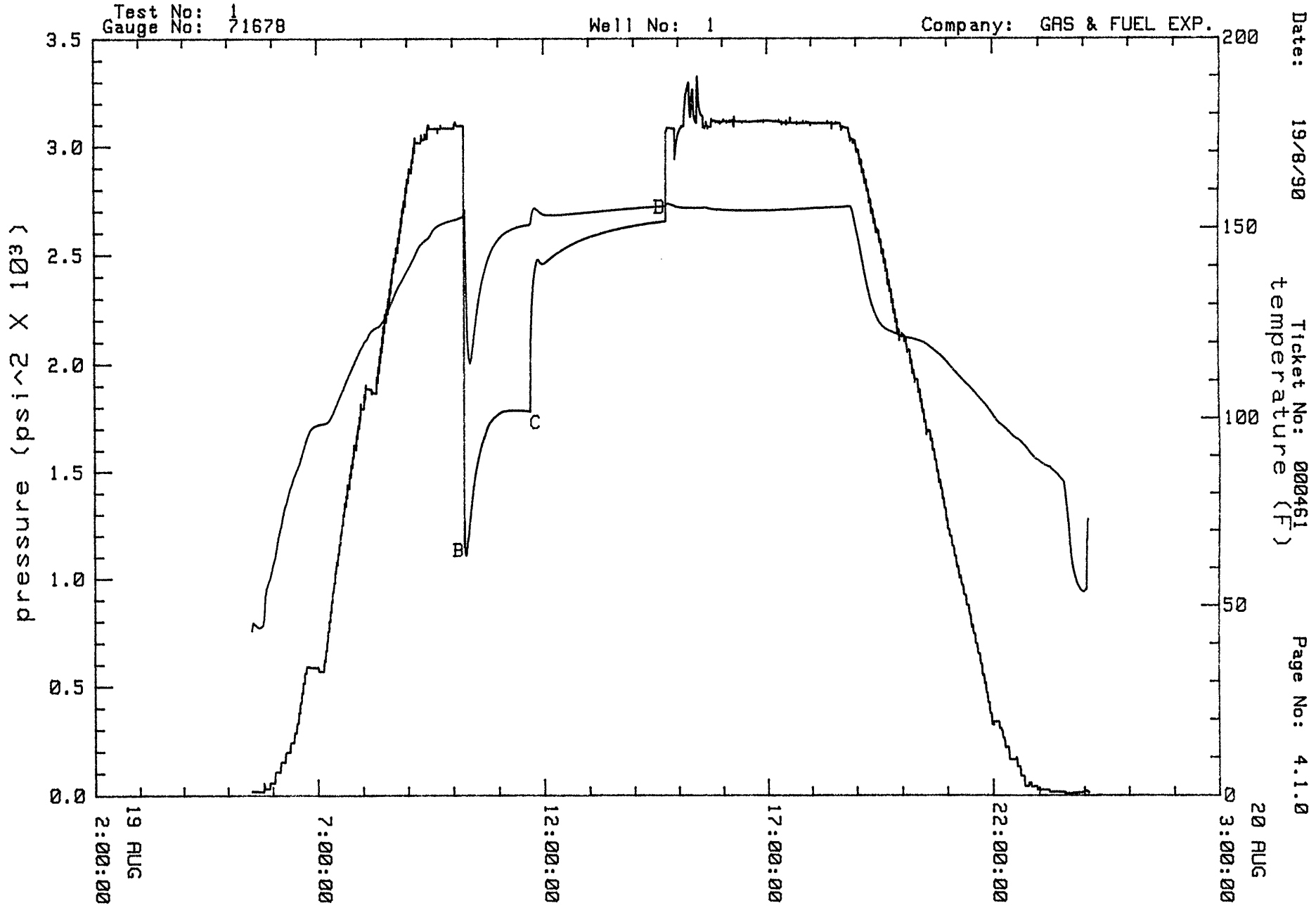
TEST PERIOD SUMMARY

Gauge No.: 71678 Depth: 6343.87 ft Blanked off: No

ID	PERIOD	DESCRIPTION	PRESSURE (psi)	DURATION (min)
A		Initial Hydrostatic	3082.57	
B	1	Start Draw-down	1143.67	
C		End Draw-down	1780.75	87.60
C	2	Start Build-up	1780.75	
D		End Build-up	2655.28	180.72
E		Final Hydrostatic	3082.16	

NOTE: for Pressure vs. Time Plot, see next page.

Pressure/Temperature History



PRESSURE VS TIME

GRC gauge no.: 71678
Memory Recorder No.: 71362

Gauge Depth: 6343.87 ft

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90				Data Print Frequency: 20
03:20:00				SURFACE PRESSURE = PSIG
03:20:00				MAKE UP TOOLS
05:32:00				START EMR GAUGE
05:36:34		17.165	44.8	
05:41:22		16.422	44.1	
05:46:10		15.343	44.7	
05:48:00				RUN IN HOLE
05:50:58		29.435	53.1	
05:55:46		32.287	56.6	
06:00:34			60.3	
06:05:22		108.053	64.4	
06:10:10		105.424	69.8	
06:14:58		151.998	74.6	
06:19:46		198.163	78.2	
06:24:34		240.413	81.7	
06:29:22		265.260	84.6	
06:34:10			86.7	
06:38:58		424.295	89.6	
06:43:46		561.586	92.8	
06:45:00				MAKE UP TEST HEAD
06:48:34		589.328	95.7	
06:49:00				On Location
06:53:22		587.391	97.4	
06:58:10		586.618	98.1	
07:02:58		569.834	98.4	
07:05:00				RUN IN HOLE
07:07:46			98.6	
07:12:34		688.294	98.9	
07:17:22		832.088	99.9	
07:22:10		958.944	101.8	
07:26:58		1069.846	104.0	
07:31:46		1203.824	106.2	
07:36:34		1313.380	108.4	
07:41:22			110.8	
07:46:10		1516.722	112.9	
07:50:58		1610.553	115.2	
07:55:46		1702.475	117.3	
08:00:34		1793.597	119.1	
08:05:22		1890.036	120.6	
08:10:10		1883.576	122.2	
08:14:58			123.4	
08:19:46		1865.259	123.9	
08:24:34		2007.192	124.6	
08:29:22		2146.704	126.1	
08:34:10		2237.039	128.4	
08:38:58		2381.313	130.5	

Date: 19/8/90

Ticket No: 000461

Page No: 4.1.2

PRESSURE VS TIME

GRC gauge no.: 71678

Gauge Depth: 6343.87 ft

Memory Recorder No.: 71362

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90				Data Print Frequency: 20
08:43:46		2465.841	132.7	
08:48:34			134.7	
08:53:22		2649.000	136.3	
08:58:10		2741.039	138.1	
09:02:58		2880.616	139.8	
09:07:46		2938.078	141.6	
09:12:00				PICK UP SINGLE AND 10'PUP JNT
09:12:34		3016.847	143.6	
09:17:22		3015.075	145.5	
09:22:10			146.5	
09:26:58		3035.285	147.2	
09:30:00				RIG UP SURFACE EQUIPMENT
09:31:46		3081.545	148.6	
09:36:34		3080.369	149.9	
09:41:22		3082.432	150.7	
09:46:10		3083.325	151.1	
09:50:00				PRESSURE TEST SURFACE EQUIP.
09:50:58		3082.519	151.5	
09:55:46			151.8	
10:00:34		3082.612	152.0	
10:05:00				PUT WEIGHT ON TOOL 30,000lb
10:05:22		3097.204	152.3	
10:10:00				INCREASE WEIGHT 35,000lb
10:10:10		3094.006	152.7	
10:14:58		3093.650	153.7	
10:15:00				TOOL OPEN / MODERATE BLOW

Date: 19/8/90

Ticket No: 000461

Page No: 4.1.3

PRESSURE VS TIME

GRC gauge no.: 71678
Memory Recorder No.: 71362

Gauge Depth: 6343.87 ft

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90				Data Print Frequency: 1
				*** Start of Period 1 ***
10:15:12	0.00	1143.671	153.9	
10:15:26	0.24	1224.785	154.1	
10:15:41	0.48	1269.280	154.3	
10:15:55	0.72		154.6	
10:16:00				STRONG BLOW
10:16:10	0.96	1166.624	151.8	
10:16:24	1.20	1142.562	149.0	
10:16:38	1.44	1121.240	146.2	
10:16:53	1.68	1117.358	143.4	
10:17:00				STRONG BLOW
10:17:07	1.92	1108.345	140.6	
10:17:22	2.16	1107.712	137.8	
10:17:36	2.40		135.0	
10:17:50	2.64	1107.950	133.0	
10:18:00				VERY WET / NO FLAME AT FLARE
10:18:05	2.88	1132.721	130.9	
10:18:19	3.12	1116.554	128.9	
10:18:34	3.36	1140.890	126.9	
10:18:48	3.60	1146.062	124.9	
10:19:00				
10:19:02	3.84	1142.840	122.9	
10:19:17	4.08		120.9	
10:19:31	4.32	1167.711	120.2	
10:19:46	4.56	1172.182	119.5	
10:20:00				
10:20:00	4.80	1176.036	118.7	
10:20:14	5.04	1181.189	118.0	
10:20:29	5.28	1187.415	117.3	
10:20:43	5.52	1190.979	116.6	
10:20:58	5.76		115.9	
10:21:00				
10:21:12	6.00	1204.465	115.7	
10:21:26	6.24	1212.535	115.5	
10:21:41	6.48	1221.486	115.3	
10:21:55	6.72	1230.960	115.1	
10:22:00				
10:22:10	6.96	1240.048	114.8	
10:22:24	7.20	1249.464	114.6	
10:22:38	7.44		114.4	
10:22:53	7.68	1268.184	114.6	
10:23:00				
10:23:07	7.92	1276.317	114.8	
10:23:22	8.16	1283.343	115.0	
10:23:36	8.40	1290.893	115.2	
10:23:50	8.64	1298.151	115.4	

Date: 19/8/90

Ticket No: 000461

Page No: 4.1.4

PRESSURE VS TIME

GRC gauge no.: 71678

Gauge Depth: 6343.87 ft

Memory Recorder No.: 71362

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90				Data Print Frequency: 1
10:24:05	8.88	1307.662	115.6	
10:24:19	9.12		115.8	
10:24:34	9.36	1324.371	116.1	
10:24:48	9.60	1332.012	116.5	
10:25:00				
10:25:02	9.84	1340.504	116.8	
10:25:17	10.08	1348.835	117.2	
10:25:31	10.32	1356.645	117.6	
10:25:46	10.56	1364.000	117.9	
10:26:00	10.80		118.3	
10:26:14	11.04	1379.146	118.7	
10:26:29	11.28	1385.953	119.1	
10:26:43	11.52	1393.186	119.5	
10:26:58	11.76	1399.930	119.9	
10:27:00				
10:27:12	12.00	1406.774	120.3	
10:27:26	12.24	1413.684	120.7	
10:27:41	12.48		121.1	
10:27:55	12.72	1426.983	121.5	
10:28:10	12.96	1433.110	121.9	
10:28:24	13.20	1439.729	122.3	
10:28:38	13.44	1445.825	122.7	
10:28:53	13.68	1452.054	123.1	
10:29:07	13.92	1458.184	123.5	
10:29:22	14.16		123.9	
10:29:36	14.40	1469.855	124.3	
10:29:50	14.64	1475.167	124.7	
10:30:00				
10:30:05	14.88	1480.709	125.0	
10:30:19	15.12	1486.186	125.4	
10:30:34	15.36	1490.121	125.8	
10:30:48	15.60	1495.206	126.2	
10:31:02	15.84		126.5	
10:31:17	16.08	1505.241	126.9	
10:31:31	16.32	1509.865	127.2	
10:31:46	16.56	1514.949	127.6	
10:32:00	16.80	1519.476	127.9	
10:32:14	17.04	1524.102	128.2	
10:32:29	17.28	1528.597	128.6	
10:32:43	17.52		128.9	
10:32:58	17.76	1537.485	129.2	
10:33:12	18.00	1541.848	129.5	
10:33:26	18.24	1545.915	129.8	
10:33:41	18.48	1549.983	130.2	
10:33:55	18.72	1553.920	130.5	
10:34:10	18.96	1558.186	130.8	

PRESSURE VS TIME

GRC gauge no.: 71678
Memory Recorder No.: 71362

Gauge Depth: 6343.87 ft

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90		Data Print Frequency:	1	
10:34:24	19.20		131.1	
10:34:38	19.44	1565.827	131.4	
10:34:53	19.68	1569.532	131.6	
10:35:00				
10:35:07	19.92	1573.304	131.9	
10:35:22	20.16	1576.912	132.2	
10:35:36	20.40	1580.553	132.5	
10:35:50	20.64	1584.030	132.8	
10:36:05	20.88		133.1	
10:36:19	21.12	1591.441	133.3	
10:36:34	21.36	1595.049	133.6	
10:36:48	21.60	1598.195	133.8	
10:37:02	21.84	1601.738	134.1	
10:37:17	22.08	1605.280	134.3	
10:37:31	22.32	1608.592	134.6	
10:37:46	22.56		134.8	
10:38:00	22.80	1614.950	135.0	
10:38:14	23.04	1618.130	135.3	
10:38:29	23.28	1621.111	135.5	
10:38:43	23.52	1624.159	135.7	
10:38:58	23.76	1626.713	135.9	
10:39:12	24.00	1629.992	136.1	
10:39:26	24.24		136.4	
10:39:41	24.48	1635.428	136.6	
10:39:55	24.72	1638.113	136.8	
10:40:00				
10:40:10	24.96	1640.765	137.0	
10:40:24	25.20	1643.351	137.2	
10:40:38	25.44	1645.839	137.4	
10:40:53	25.68	1648.293	137.6	
10:41:07	25.92		137.8	
10:41:22	26.16	1653.003	137.9	
10:41:36	26.40	1655.456	138.1	
10:41:50	26.64	1657.547	138.3	
10:42:05	26.88	1659.704	138.5	
10:42:19	27.12	1661.927	138.6	
10:42:34	27.36	1664.184	138.8	
10:42:48	27.60		139.0	
10:43:02	27.84	1668.266	139.2	
10:43:17	28.08	1670.291	139.3	
10:43:31	28.32	1672.283	139.5	
10:43:46	28.56	1674.903	139.6	
10:44:00	28.80	1678.216	139.8	
10:44:14	29.04	1681.199	140.0	
10:44:29	29.28		140.1	
10:44:43	29.52	1687.265	140.3	

PRESSURE VS TIME

GRC gauge no.: 71678

Gauge Depth: 6343.87 ft

Memory Recorder No.: 71362

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90		Data Print Frequency: 1		
10:44:58	29.76	1689.952	140.5	
10:45:00				WELL SLUGGING
10:45:12	30.00	1692.705	140.6	
10:45:26	30.24	1695.127	140.8	
10:45:41	30.48	1697.947	141.0	
10:45:55	30.72	1700.238	141.1	
10:46:10	30.96		141.3	
10:46:24	31.20	1705.082	141.4	
10:46:38	31.44	1707.438	141.6	
10:46:53	31.68	1709.696	141.7	
10:47:07	31.92	1711.788	141.9	
10:47:22	32.16	1713.714	142.0	
10:47:36	32.40	1715.542	142.2	
10:47:50	32.64		142.3	
10:48:05	32.88	1719.394	142.4	
10:48:19	33.12	1721.122	142.6	
10:48:34	33.36	1722.718	142.7	
10:48:48	33.60	1724.313	142.8	
10:49:02	33.84	1725.876	142.9	
10:49:17	34.08	1727.340	143.1	
10:49:31	34.32		143.2	
10:49:46	34.56	1729.901	143.3	
10:50:00				
10:50:00	34.80	1731.265	143.4	
10:50:14	35.04	1732.529	143.5	
10:50:29	35.28	1733.727	143.6	
10:50:43	35.52	1734.892	143.7	
10:50:58	35.76	1735.991	143.8	
10:51:12	36.00		143.9	
10:51:26	36.24	1737.989	144.0	
10:51:41	36.48	1739.220	144.1	
10:51:55	36.72	1740.153	144.2	
10:52:10	36.96	1740.987	144.3	
10:52:24	37.20	1742.416	144.4	
10:52:38	37.44	1743.316	144.5	
10:52:53	37.68		144.6	
10:53:07	37.92	1745.181	144.7	
10:53:22	38.16	1746.213	144.8	
10:53:36	38.40	1747.278	144.9	
10:53:50	38.64	1748.145	145.0	
10:54:05	38.88	1749.276	145.1	
10:54:19	39.12	1750.043	145.2	
10:54:34	39.36		145.3	
10:54:48	39.60	1751.642	145.3	
10:55:00				
10:55:02	39.84	1752.309	145.4	

Date: 19/8/90

Ticket No: 000461

Page No: 4.1.7

PRESSURE VS TIME

GRC gauge no.: 71678

Gauge Depth: 6343.87 ft

Memory Recorder No.: 71362

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90				Data Print Frequency: 1
10:55:17	40.08	1753.208	145.5	
10:55:31	40.32	1754.207	145.6	
10:55:46	40.56	1754.907	145.6	
10:56:00	40.80	1755.541	145.7	
10:56:14	41.04		145.8	
10:56:29	41.28	1757.173	145.9	
10:56:43	41.52	1757.906	145.9	
10:56:58	41.76	1758.540	146.0	
10:57:12	42.00	1759.240	146.1	
10:57:26	42.24	1760.072	146.2	
10:57:41	42.48	1760.904	146.2	
10:57:55	42.72		146.3	
10:58:10	42.96	1762.337	146.4	
10:58:24	43.20	1763.302	146.4	
10:58:38	43.44	1763.968	146.5	
10:58:53	43.68	1764.701	146.6	
10:59:07	43.92	1765.335	146.6	
10:59:22	44.16	1765.968	146.7	
10:59:36	44.40		146.8	
10:59:50	44.64	1767.268	146.8	
11:00:00				
11:00:05	44.88	1767.901	146.9	
11:00:19	45.12	1768.833	146.9	
11:00:34	45.36	1769.631	147.0	
11:00:48	45.60	1770.331	147.1	
11:01:02	45.84	1770.666	147.1	
11:01:17	46.08		147.2	
11:01:31	46.32	1771.667	147.2	
11:01:46	46.56	1771.936	147.3	
11:02:00	46.80	1772.602	147.3	
11:02:14	47.04	1772.969	147.4	
11:02:29	47.28	1773.470	147.4	
11:02:43	47.52	1773.871	147.5	
11:02:58	47.76		147.5	
11:03:12	48.00	1775.534	147.6	
11:03:26	48.24	1776.399	147.7	
11:03:41	48.48	1777.230	147.7	
11:03:55	48.72	1777.598	147.8	
11:04:10	48.96	1778.065	147.8	
11:04:24	49.20	1778.566	147.9	
11:04:38	49.44		147.9	
11:04:53	49.68	1779.400	148.0	
11:05:00				
11:05:07	49.92	1779.900	148.0	
11:05:22	50.16	1780.135	148.0	
11:05:36	50.40	1780.436	148.1	

PRESSURE VS TIME

GRC gauge no.: 71678

Gauge Depth: 6343.87 ft

Memory Recorder No.: 71362

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90		Data Print Frequency:	1	
11:05:50	50.64	1780.737	148.1	
11:06:05	50.88	1780.873	148.2	
11:06:19	51.12		148.2	
11:06:34	51.36	1781.275	148.3	
11:06:48	51.60	1781.443	148.3	
11:07:02	51.84	1781.645	148.3	
11:07:17	52.08	1781.912	148.4	
11:07:31	52.32	1782.312	148.4	
11:07:46	52.56	1782.281	148.4	
11:08:00	52.80		148.5	
11:08:14	53.04	1782.651	148.5	
11:08:29	53.28	1782.620	148.5	
11:08:43	53.52	1782.921	148.6	
11:08:58	53.76	1783.122	148.6	
11:09:12	54.00	1783.224	148.6	
11:09:26	54.24	1783.392	148.7	
11:09:41	54.48		148.7	
11:09:55	54.72	1783.595	148.7	
11:10:00				
11:10:10	54.96	1783.929	148.8	
11:10:24	55.20	1783.732	148.8	
11:10:38	55.44	1784.132	148.8	
11:10:53	55.68	1784.101	148.9	
11:11:07	55.92	1784.203	148.9	
11:11:22	56.16		148.9	
11:11:36	56.40	1784.439	149.0	
11:11:50	56.64	1784.573	149.0	
11:12:05	56.88	1784.741	149.0	
11:12:19	57.12	1784.643	149.0	
11:12:34	57.36	1784.910	149.1	
11:12:48	57.60	1785.011	149.1	
11:13:02	57.84		149.1	
11:13:17	58.08	1785.015	149.2	
11:13:31	58.32	1785.182	149.2	
11:13:46	58.56	1785.284	149.2	
11:14:00	58.80	1785.451	149.2	
11:14:14	59.04	1785.552	149.3	
11:14:29	59.28	1785.521	149.3	
11:14:43	59.52		149.3	
11:14:58	59.76	1785.624	149.3	
11:15:00				
11:15:12	60.00	1785.857	149.4	
11:15:26	60.24	1786.058	149.4	
11:15:41	60.48	1786.159	149.4	
11:15:55	60.72	1786.094	149.4	
11:16:10	60.96	1786.129	149.4	

PRESSURE VS TIME

GRC gauge no.: 71678

Gauge Depth: 6343.87 ft

Memory Recorder No.: 71362

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90		Data Print Frequency:	1	
11:16:24	61.20		149.5	
11:16:38	61.44	1786.331	149.5	
11:16:53	61.68	1786.333	149.5	
11:17:07	61.92	1786.434	149.5	
11:17:22	62.16	1786.767	149.6	
11:17:36	62.40	1786.934	149.6	
11:17:50	62.64	1786.969	149.6	
11:18:05	62.88		149.6	
11:18:19	63.12	1786.906	149.7	
11:18:34	63.36	1787.040	149.7	
11:18:48	63.60	1787.041	149.7	
11:19:02	63.84	1787.142	149.7	
11:19:17	64.08	1787.110	149.7	
11:19:31	64.32	1787.046	149.8	
11:19:46	64.56		149.8	
11:20:00	64.80	1787.181	149.8	
11:20:14	65.04	1787.281	149.8	
11:20:29	65.28	1786.984	149.8	
11:20:43	65.52	1787.085	149.8	
11:20:58	65.76	1787.119	149.9	
11:21:12	66.00	1787.153	149.9	
11:21:26	66.24		149.9	
11:21:41	66.48	1787.023	149.9	
11:21:55	66.72	1787.025	149.9	
11:22:10	66.96	1787.026	149.9	
11:22:24	67.20	1787.027	150.0	
11:22:38	67.44	1787.161	150.0	
11:22:53	67.68	1787.261	150.0	
11:23:07	67.92		150.0	
11:23:22	68.16	1787.098	150.0	
11:23:36	68.40	1787.099	150.0	
11:23:50	68.64	1786.802	150.1	
11:24:05	68.88	1787.036	150.1	
11:24:19	69.12	1786.838	150.1	
11:24:34	69.36	1786.872	150.1	
11:24:48	69.60		150.1	
11:25:02	69.84	1786.676	150.1	
11:25:17	70.08	1786.776	150.2	
11:25:31	70.32	1786.645	150.2	
11:25:46	70.56	1786.579	150.2	
11:26:00	70.80	1786.580	150.2	
11:26:14	71.04	1786.681	150.2	
11:26:29	71.28		150.2	
11:26:43	71.52	1786.517	150.2	
11:26:58	71.76	1786.618	150.3	
11:27:12	72.00	1786.552	150.3	

PRESSURE VS TIME

GRC gauge no.: 71678
Memory Recorder No.: 71362

Gauge Depth: 6343.87 ft

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90				Data Print Frequency: 1
11:27:26	72.24	1786.620	150.3	
11:27:41	72.48	1786.687	150.3	
11:27:55	72.72	1786.456	150.3	
11:28:10	72.96		150.3	
11:28:24	73.20	1786.425	150.3	
11:28:38	73.44	1786.327	150.4	
11:28:53	73.68	1786.327	150.4	
11:29:07	73.92	1786.361	150.4	
11:29:22	74.16	1786.197	150.4	
11:29:36	74.40	1786.231	150.4	
11:29:50	74.64		150.4	
11:30:00				
11:30:05	74.88	1786.166	150.4	
11:30:19	75.12	1785.902	150.4	
11:30:34	75.36	1785.902	150.4	
11:30:48	75.60	1785.804	150.5	
11:31:02	75.84	1785.639	150.5	
11:31:17	76.08	1785.640	150.5	
11:31:31	76.32		150.5	
11:31:46	76.56	1785.277	150.5	
11:32:00	76.80	1785.244	150.5	
11:32:14	77.04	1785.179	150.5	
11:32:29	77.28	1785.147	150.5	
11:32:43	77.52	1785.114	150.5	
11:32:58	77.76	1784.916	150.5	
11:33:12	78.00		150.6	
11:33:26	78.24	1784.719	150.6	
11:33:41	78.48	1784.720	150.6	
11:33:55	78.72	1784.588	150.6	
11:34:10	78.96	1784.556	150.6	
11:34:24	79.20	1784.457	150.6	
11:34:38	79.44	1784.358	150.6	
11:34:53	79.68		150.6	
11:35:07	79.92	1784.194	150.6	
11:35:22	80.16	1784.095	150.6	
11:35:36	80.40	1783.930	150.7	
11:35:50	80.64	1783.898	150.7	
11:36:05	80.88	1783.865	150.7	
11:36:19	81.12	1783.734	150.7	
11:36:34	81.36		150.7	
11:36:48	81.60	1783.470	150.7	
11:37:02	81.84	1783.570	150.7	
11:37:17	82.08	1783.405	150.7	
11:37:31	82.32	1783.240	150.7	
11:37:46	82.56	1783.174	150.7	
11:38:00	82.80	1783.175	150.7	

Date: 19/8/90

Ticket No: 000461

Page No: 4.1.11

PRESSURE VS TIME

GRC gauge no.: 71678

Gauge Depth: 6343.87 ft

Memory Recorder No.: 71362

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90				Data Print Frequency: 1
11:38:14	83.04		150.7	
11:38:29	83.28	1782.778	150.8	
11:38:43	83.52	1782.647	150.8	
11:38:58	83.76	1782.614	150.8	
11:39:12	84.00	1782.548	150.8	
11:39:26	84.24	1782.350	150.8	
11:39:41	84.48	1782.218	150.8	
11:39:55	84.72		150.8	
11:40:10	84.96	1782.153	150.8	
11:40:24	85.20	1782.021	150.8	
11:40:38	85.44	1781.955	150.8	
11:40:53	85.68	1781.856	150.8	
11:41:07	85.92	1781.625	150.8	
11:41:22	86.16	1781.559	150.8	
11:41:36	86.40		150.8	
11:41:50	86.64	1781.301	150.9	
11:42:05	86.88	1781.272	150.9	
11:42:19	87.12	1781.144	151.0	
11:42:34	87.36	1780.453	151.1	
11:42:48	87.60	1780.755	151.1	

*** End of Period 1 ***

Date: 19/8/90

Ticket No: 000461

Page No: 4.1.12

PRESSURE VS TIME

GRC gauge no.: 71678

Gauge Depth: 6343.87 ft

Memory Recorder No.: 71362

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90		Data Print Frequency: 1		
		*** Start of Period 2 ***		
11:43:02	0.24	1891.349	151.2	
11:43:17	0.48		151.2	
11:43:31	0.72	2087.235	151.6	
11:43:46	0.96	2111.437	151.9	
11:44:00	1.20	2138.476	152.3	
11:44:14	1.44	2165.036	152.6	
11:44:29	1.68	2190.310	153.0	
11:44:43	1.92	2214.193	153.3	
11:44:58	2.16		153.7	
11:45:00				CLOSE TOOL
11:45:12	2.40	2256.038	153.8	
11:45:26	2.64	2274.136	154.0	
11:45:41	2.88	2290.761	154.2	
11:45:55	3.12	2305.877	154.3	
11:46:10	3.36	2319.955	154.5	
11:46:24	3.60	2332.858	154.6	
11:46:38	3.84		154.8	
11:46:53	4.08	2355.933	154.9	
11:47:07	4.32	2366.041	154.9	
11:47:22	4.56	2375.442	154.9	
11:47:36	4.80	2384.238	155.0	
11:47:50	5.04	2392.359	155.0	
11:48:05	5.28	2399.806	155.1	
11:48:19	5.52		155.1	
11:48:34	5.76	2413.379	155.1	
11:48:48	6.00	2419.576	155.1	
11:49:02	6.24	2425.198	155.0	
11:49:17	6.48	2430.482	155.0	
11:49:31	6.72	2435.565	155.0	
11:49:46	6.96	2440.343	155.0	
11:50:00	7.20		155.0	
11:50:14	7.44	2449.018	154.9	
11:50:29	7.68	2453.154	154.9	
11:50:43	7.92	2457.052	154.8	
11:50:58	8.16	2460.680	154.8	
11:51:12	8.40	2464.207	154.7	
11:51:26	8.64	2467.598	154.7	
11:51:41	8.88		154.6	
11:51:55	9.12	2473.636	154.6	
11:52:10	9.36	2475.569	154.6	
11:52:24	9.60	2476.755	154.5	
11:52:38	9.84	2477.501	154.5	
11:52:53	10.08	2477.907	154.4	
11:53:07	10.32	2478.008	154.4	
11:53:22	10.56		154.3	

Date: 19/8/90

Ticket No: 000461

Page No: 4.1.13

PRESSURE VS TIME

GRC gauge no.: 71678

Gauge Depth: 6343.87 ft

Memory Recorder No.: 71362

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90		Data Print Frequency:	1	
11:53:36	10.80	2477.564	154.3	
11:53:50	11.04	2476.952	154.3	
11:54:05	11.28	2476.068	154.2	
11:54:19	11.52	2474.777	154.2	
11:54:34	11.76	2473.351	154.1	
11:54:48	12.00	2471.856	154.1	
11:55:02	12.24		154.0	
11:55:17	12.48	2468.868	154.0	
11:55:31	12.72	2467.476	154.0	
11:55:46	12.96	2466.118	153.9	
11:56:00	13.20	2464.895	153.9	
11:56:14	13.44	2463.842	153.8	
11:56:29	13.68	2462.891	153.8	
11:56:43	13.92		153.8	
11:56:58	14.16	2461.296	153.7	
11:57:12	14.40	2460.650	153.7	
11:57:26	14.64	2460.073	153.7	
11:57:41	14.88	2459.665	153.6	
11:57:55	15.12	2459.291	153.6	
11:58:10	15.36	2459.019	153.6	
11:58:24	15.60		153.6	
11:58:38	15.84	2458.780	153.5	
11:58:53	16.08	2458.712	153.5	
11:59:07	16.32	2458.711	153.5	
11:59:22	16.56	2458.812	153.5	
11:59:36	16.80	2458.948	153.5	
11:59:50	17.04	2459.151	153.4	
12:00:05	17.28		153.4	
12:00:19	17.52	2459.693	153.4	
12:00:34	17.76	2460.032	153.4	
12:00:48	18.00	2460.371	153.4	
12:01:02	18.24	2460.777	153.4	
12:01:17	18.48	2461.218	153.3	
12:01:31	18.72	2461.693	153.3	
12:01:46	18.96		153.3	
12:02:00	19.20	2462.710	153.3	
12:02:14	19.44	2463.287	153.3	
12:02:29	19.68	2463.795	153.3	
12:02:43	19.92	2464.372	153.3	
12:02:58	20.16	2464.982	153.3	
12:03:12	20.40	2465.593	153.3	
12:03:26	20.64		153.3	
12:03:41	20.88	2466.814	153.3	
12:03:55	21.12	2467.425	153.3	
12:04:10	21.36	2468.103	153.3	
12:04:24	21.60	2468.782	153.3	

PRESSURE VS TIME

GRC gauge no.: 71678

Gauge Depth: 6343.87 ft

Memory Recorder No.: 71362

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90		Data Print Frequency:	1	
12:04:38	21.84	2469.461	153.3	
12:04:53	22.08	2470.139	153.2	
12:05:07	22.32		153.2	
12:05:22	22.56	2471.497	153.2	
12:05:36	22.80	2472.175	153.2	
12:05:50	23.04	2472.854	153.2	
12:06:05	23.28	2473.567	153.2	
12:06:19	23.52	2474.246	153.2	
12:06:34	23.76	2474.891	153.2	
12:06:48	24.00		153.2	
12:07:02	24.24	2476.316	153.2	
12:07:17	24.48	2477.029	153.2	
12:07:31	24.72	2477.708	153.2	
12:07:46	24.96	2478.421	153.3	
12:08:00	25.20	2479.100	153.3	
12:08:14	25.44	2479.779	153.3	
12:08:29	25.68		153.3	
12:08:43	25.92	2481.103	153.3	
12:08:58	26.16	2481.782	153.3	
12:09:12	26.40	2482.461	153.3	
12:09:26	26.64	2483.174	153.3	
12:09:41	26.88	2483.853	153.3	
12:09:55	27.12	2484.532	153.3	
12:10:10	27.36		153.3	
12:10:24	27.60	2485.924	153.3	
12:10:38	27.84	2486.569	153.3	
12:10:53	28.08	2487.248	153.3	
12:11:07	28.32	2487.894	153.3	
12:11:22	28.56	2488.607	153.3	
12:11:36	28.80	2489.286	153.3	
12:11:50	29.04		153.3	
12:12:05	29.28	2490.645	153.3	
12:12:19	29.52	2491.324	153.3	
12:12:34	29.76	2491.969	153.3	
12:12:48	30.00	2492.615	153.3	
12:13:02	30.24	2493.294	153.3	
12:13:17	30.48	2493.905	153.3	
12:13:31	30.72		153.3	
12:13:46	30.96	2495.196	153.3	
12:14:00	31.20	2495.841	153.3	
12:14:14	31.44	2496.520	153.3	
12:14:29	31.68	2497.132	153.3	
12:14:43	31.92	2497.777	153.3	
12:14:58	32.16	2498.423	153.3	
12:15:12	32.40		153.3	
12:15:26	32.64	2499.680	153.3	

Date: 19/8/90

Ticket No: 000461

Page No: 4.1.15

PRESSURE VS TIME

GRC gauge no.: 71678

Gauge Depth: 6343.87 ft

Memory Recorder No.: 71362

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90		Data Print Frequency:	1	
12:15:41	32.88	2500.291	153.3	
12:15:55	33.12	2500.937	153.3	
12:16:10	33.36	2501.582	153.3	
12:16:24	33.60	2502.160	153.3	
12:16:38	33.84	2502.806	153.3	
12:16:53	34.08		153.3	
12:17:07	34.32	2504.029	153.3	
12:17:22	34.56	2504.641	153.3	
12:17:36	34.80	2505.252	153.3	
12:17:50	35.04	2505.830	153.3	
12:18:05	35.28	2506.374	153.4	
12:18:19	35.52	2506.952	153.4	
12:18:34	35.76		153.4	
12:18:48	36.00	2508.141	153.4	
12:19:02	36.24	2508.753	153.4	
12:19:17	36.48	2509.330	153.4	
12:19:31	36.72	2509.908	153.4	
12:19:46	36.96	2510.452	153.4	
12:20:00	37.20	2511.063	153.4	
12:20:14	37.44		153.4	
12:20:29	37.68	2512.151	153.4	
12:20:43	37.92	2512.729	153.4	
12:20:58	38.16	2513.307	153.4	
12:21:12	38.40	2513.816	153.4	
12:21:26	38.64	2514.326	153.4	
12:21:41	38.88	2514.836	153.4	
12:21:55	39.12		153.4	
12:22:10	39.36	2515.924	153.4	
12:22:24	39.60	2516.434	153.4	
12:22:38	39.84	2517.012	153.4	
12:22:53	40.08	2517.488	153.4	
12:23:07	40.32	2518.066	153.4	
12:23:22	40.56	2518.610	153.4	
12:23:36	40.80		153.4	
12:23:50	41.04	2519.664	153.4	
12:24:05	41.28	2520.208	153.4	
12:24:19	41.52	2520.718	153.4	
12:24:34	41.76	2521.228	153.4	
12:24:48	42.00	2521.772	153.4	
12:25:02	42.24	2522.282	153.4	
12:25:17	42.48		153.4	
12:25:31	42.72	2523.370	153.4	
12:25:46	42.96	2523.846	153.5	
12:26:00	43.20	2524.356	153.5	
12:26:14	43.44	2524.866	153.5	
12:26:29	43.68	2525.410	153.5	

PRESSURE VS TIME

GRC gauge no.: 71678
Memory Recorder No.: 71362

Gauge Depth: 6343.87 ft

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90		Data Print Frequency:	1	
12:26:43	43.92	2525.920	153.5	
12:26:58	44.16		153.5	
12:27:12	44.40	2526.940	153.5	
12:27:26	44.64	2527.450	153.5	
12:27:41	44.88	2527.926	153.5	
12:27:55	45.12	2528.471	153.5	
12:28:10	45.36	2528.947	153.5	
12:28:24	45.60	2529.457	153.5	
12:28:38	45.84		153.5	
12:28:53	46.08	2530.443	153.5	
12:29:07	46.32	2530.885	153.5	
12:29:22	46.56	2531.362	153.5	
12:29:36	46.80	2531.838	153.5	
12:29:50	47.04	2532.314	153.5	
12:30:05	47.28	2532.756	153.5	
12:30:19	47.52		153.5	
12:30:34	47.76	2533.675	153.5	
12:30:48	48.00	2534.151	153.5	
12:31:02	48.24	2534.593	153.5	
12:31:17	48.48	2535.069	153.5	
12:31:31	48.72	2535.580	153.5	
12:31:46	48.96	2536.022	153.5	
12:32:00	49.20		153.5	
12:32:14	49.44	2536.940	153.5	
12:32:29	49.68	2537.417	153.5	
12:32:43	49.92	2537.859	153.5	
12:32:58	50.16	2538.301	153.6	
12:33:12	50.40	2538.743	153.6	
12:33:26	50.64	2539.254	153.6	
12:33:41	50.88		153.6	
12:33:55	51.12	2540.138	153.6	
12:34:10	51.36	2540.581	153.6	
12:34:24	51.60	2541.057	153.6	
12:34:38	51.84	2541.466	153.6	
12:34:53	52.08	2541.942	153.6	
12:35:07	52.32	2542.350	153.6	
12:35:22	52.56		153.6	
12:35:36	52.80	2543.269	153.6	
12:35:50	53.04	2543.677	153.6	
12:36:05	53.28	2544.120	153.6	
12:36:19	53.52	2544.528	153.6	
12:36:34	53.76	2545.004	153.6	
12:36:48	54.00	2545.447	153.6	
12:37:02	54.24		153.6	
12:37:17	54.48	2546.332	153.6	
12:37:31	54.72	2546.740	153.6	

Date: 19/8/90

Ticket No: 000461

Page No: 4.1.17

PRESSURE VS TIME

GRC gauge no.: 71678

Gauge Depth: 6343.87 ft

Memory Recorder No.: 71362

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90				Data Print Frequency: 1
12:37:46	54.96	2547.182	153.6	
12:38:00	55.20	2547.591	153.6	
12:38:14	55.44	2547.999	153.6	
12:38:29	55.68	2548.408	153.7	
12:38:43	55.92		153.7	
12:38:58	56.16	2549.293	153.7	
12:39:12	56.40	2549.667	153.7	
12:39:26	56.64	2550.075	153.7	
12:39:41	56.88	2550.518	153.7	
12:39:55	57.12	2550.926	153.7	
12:40:10	57.36	2551.335	153.7	
12:40:24	57.60		153.7	
12:40:38	57.84	2552.152	153.7	
12:40:53	58.08	2552.560	153.7	
12:41:07	58.32	2552.969	153.7	
12:41:22	58.56	2553.377	153.7	
12:41:36	58.80	2553.752	153.7	
12:41:50	59.04	2554.160	153.7	
12:42:05	59.28		153.7	
12:42:19	59.52	2554.943	153.7	
12:42:34	59.76	2555.351	153.7	
12:42:48	60.00	2555.760	153.7	
12:43:02	60.24	2556.134	153.7	
12:43:17	60.48	2556.509	153.7	
12:43:31	60.72	2556.917	153.7	
12:43:46	60.96		153.7	
12:44:00	61.20	2557.667	153.7	
12:44:14	61.44	2558.109	153.7	
12:44:29	61.68	2558.450	153.8	
12:44:43	61.92	2558.858	153.8	
12:44:58	62.16	2559.233	153.8	
12:45:12	62.40	2559.641	153.8	
12:45:26	62.64		153.8	
12:45:41	62.88	2560.356	153.8	
12:45:55	63.12	2560.731	153.8	
12:46:10	63.36	2561.105	153.8	
12:46:24	63.60	2561.480	153.8	
12:46:38	63.84	2561.855	153.8	
12:46:53	64.08	2562.195	153.8	
12:47:07	64.32		153.8	
12:47:22	64.56	2562.978	153.8	
12:47:36	64.80	2563.353	153.8	
12:47:50	65.04	2563.693	153.8	
12:48:05	65.28	2564.068	153.8	
12:48:19	65.52	2564.408	153.8	
12:48:34	65.76	2564.749	153.8	

PRESSURE VS TIME

GRC gauge no.: 71678

Gauge Depth: 6343.87 ft

Memory Recorder No.: 71362

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90		Data Print Frequency:	1	
12:48:48	66.00		153.8	
12:49:02	66.24	2565.498	153.8	
12:49:17	66.48	2565.839	153.8	
12:49:31	66.72	2566.179	153.8	
12:49:46	66.96	2566.554	153.9	
12:50:00	67.20	2566.895	153.9	
12:50:14	67.44	2567.235	153.9	
12:50:29	67.68		153.9	
12:50:43	67.92	2567.950	153.9	
12:50:58	68.16	2568.291	153.9	
12:51:12	68.40	2568.631	153.9	
12:51:26	68.64	2568.972	153.9	
12:51:41	68.88	2569.313	153.9	
12:51:55	69.12	2569.619	153.9	
12:52:10	69.36		153.9	
12:52:24	69.60	2570.334	153.9	
12:52:38	69.84	2570.675	153.9	
12:52:53	70.08	2570.982	153.9	
12:53:07	70.32	2571.322	153.9	
12:53:22	70.56	2571.663	153.9	
12:53:36	70.80	2572.004	153.9	
12:53:50	71.04		153.9	
12:54:05	71.28	2572.651	153.9	
12:54:19	71.52	2572.957	153.9	
12:54:34	71.76	2573.298	153.9	
12:54:48	72.00	2573.639	153.9	
12:55:02	72.24	2573.945	154.0	
12:55:17	72.48	2574.286	154.0	
12:55:31	72.72		154.0	
12:55:46	72.96	2574.933	154.0	
12:56:00	73.20	2575.240	154.0	
12:56:14	73.44	2575.581	154.0	
12:56:29	73.68	2575.887	154.0	
12:56:43	73.92	2576.228	154.0	
12:56:58	74.16	2576.535	154.0	
12:57:12	74.40		154.0	
12:57:26	74.64	2577.182	154.0	
12:57:41	74.88	2577.488	154.0	
12:57:55	75.12	2577.761	154.0	
12:58:10	75.36	2578.102	154.0	
12:58:24	75.60	2578.408	154.0	
12:58:38	75.84	2578.715	154.0	
12:58:53	76.08		154.0	
12:59:07	76.32	2579.362	154.0	
12:59:22	76.56	2579.669	154.0	
12:59:36	76.80	2579.975	154.0	

Date: 19/8/90

Ticket No: 000461

Page No: 4.1.19

PRESSURE VS TIME

GRC gauge no.: 71678

Gauge Depth: 6343.87 ft

Memory Recorder No.: 71362

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90		Data Print Frequency:	1	
12:59:50	77.04	2580.248	154.0	
13:00:05	77.28	2580.555	154.0	
13:00:19	77.52	2580.861	154.0	
13:00:34	77.76		154.0	
13:00:48	78.00	2581.475	154.1	
13:01:02	78.24	2581.781	154.1	
13:01:17	78.48	2582.088	154.1	
13:01:31	78.72	2582.361	154.1	
13:01:46	78.96	2582.667	154.1	
13:02:00	79.20	2582.974	154.1	
13:02:14	79.44		154.1	
13:02:29	79.68	2583.554	154.1	
13:02:43	79.92	2583.860	154.1	
13:02:58	80.16	2584.133	154.1	
13:03:12	80.40	2584.440	154.1	
13:03:26	80.64	2584.747	154.1	
13:03:41	80.88	2585.019	154.1	
13:03:55	81.12		154.1	
13:04:10	81.36	2585.564	154.1	
13:04:24	81.60	2585.905	154.1	
13:04:38	81.84	2586.178	154.1	
13:04:53	82.08	2586.450	154.1	
13:05:07	82.32	2586.723	154.1	
13:05:22	82.56	2586.962	154.1	
13:05:36	82.80		154.2	
13:05:50	83.04	2587.575	154.2	
13:06:05	83.28	2587.814	154.2	
13:06:19	83.52	2588.086	154.2	
13:06:34	83.76	2588.393	154.2	
13:06:48	84.00	2588.666	154.2	
13:07:02	84.24	2588.939	154.2	
13:07:17	84.48		154.2	
13:07:31	84.72	2589.518	154.2	
13:07:46	84.96	2589.791	154.2	
13:08:00	85.20	2590.029	154.2	
13:08:14	85.44	2590.302	154.2	
13:08:29	85.68	2590.575	154.2	
13:08:43	85.92	2590.847	154.2	
13:08:58	86.16		154.2	
13:09:12	86.40	2591.290	154.2	
13:09:26	86.64	2591.461	154.2	
13:09:41	86.88	2591.734	154.2	
13:09:55	87.12	2591.972	154.2	
13:10:10	87.36	2592.245	154.2	
13:10:24	87.60	2592.484	154.2	
13:10:38	87.84		154.2	

PRESSURE VS TIME

GRC gauge no.: 71678

Gauge Depth: 6343.87 ft

Memory Recorder No.: 71362

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90		Data Print Frequency:	1	
13:10:53	88.08	2592.995	154.2	
13:11:07	88.32	2593.233	154.3	
13:11:22	88.56	2593.506	154.3	
13:11:36	88.80	2593.779	154.3	
13:11:50	89.04	2594.017	154.3	
13:12:05	89.28	2594.290	154.3	
13:12:19	89.52		154.3	
13:12:34	89.76	2594.802	154.3	
13:12:48	90.00	2595.074	154.3	
13:13:02	90.24	2595.313	154.3	
13:13:17	90.48	2595.586	154.3	
13:13:31	90.72	2595.824	154.3	
13:13:46	90.96	2596.063	154.3	
13:14:00	91.20		154.3	
13:14:14	91.44	2596.574	154.3	
13:14:29	91.68	2596.813	154.3	
13:14:43	91.92	2597.086	154.3	
13:14:58	92.16	2597.290	154.3	
13:15:12	92.40	2597.563	154.3	
13:15:26	92.64	2597.802	154.3	
13:15:41	92.88		154.3	
13:15:55	93.12	2598.279	154.3	
13:16:10	93.36	2598.518	154.3	
13:16:24	93.60	2598.757	154.3	
13:16:38	93.84	2599.030	154.4	
13:16:53	94.08	2599.268	154.4	
13:17:07	94.32	2599.507	154.4	
13:17:22	94.56		154.4	
13:17:36	94.80	2600.018	154.4	
13:17:50	95.04	2600.223	154.4	
13:18:05	95.28	2600.462	154.4	
13:18:19	95.52	2600.700	154.4	
13:18:34	95.76	2600.939	154.4	
13:18:48	96.00	2601.178	154.4	
13:19:02	96.24		154.4	
13:19:17	96.48	2601.655	154.4	
13:19:31	96.72	2601.860	154.4	
13:19:46	96.96	2602.132	154.4	
13:20:00	97.20	2602.337	154.4	
13:20:14	97.44	2602.576	154.4	
13:20:29	97.68	2602.815	154.4	
13:20:43	97.92		154.4	
13:20:58	98.16	2603.292	154.4	
13:21:12	98.40	2603.497	154.4	
13:21:26	98.64	2603.735	154.4	
13:21:41	98.88	2603.974	154.5	

Date: 19/8/90

Ticket No: 000461

Page No: 4.1.21

PRESSURE VS TIME

GRC gauge no.: 71678

Gauge Depth: 6343.87 ft

Memory Recorder No.: 71362

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90		Data Print Frequency:	1	
13:21:55	99.12	2604.179	154.5	
13:22:10	99.36	2604.417	154.5	
13:22:24	99.60		154.5	
13:22:38	99.84	2604.861	154.5	
13:22:53	100.08	2605.099	154.5	
13:23:07	100.32	2605.304	154.5	
13:23:22	100.56	2605.543	154.5	
13:23:36	100.80	2605.747	154.5	
13:23:50	101.04	2605.986	154.5	
13:24:05	101.28		154.5	
13:24:19	101.52	2606.395	154.5	
13:24:34	101.76	2606.634	154.5	
13:24:48	102.00	2606.839	154.5	
13:25:02	102.24	2607.078	154.5	
13:25:17	102.48	2607.282	154.5	
13:25:31	102.72	2607.487	154.5	
13:25:46	102.96		154.5	
13:26:00	103.20	2607.930	154.5	
13:26:14	103.44	2608.169	154.5	
13:26:29	103.68	2608.374	154.5	
13:26:43	103.92	2608.578	154.5	
13:26:58	104.16	2608.783	154.5	
13:27:12	104.40	2609.022	154.5	
13:27:26	104.64		154.6	
13:27:41	104.88	2609.431	154.6	
13:27:55	105.12	2609.670	154.6	
13:28:10	105.36	2609.840	154.6	
13:28:24	105.60	2610.079	154.6	
13:28:38	105.84	2610.284	154.6	
13:28:53	106.08	2610.489	154.6	
13:29:07	106.32		154.6	
13:29:22	106.56	2610.898	154.6	
13:29:36	106.80	2611.103	154.6	
13:29:50	107.04	2611.307	154.6	
13:30:05	107.28	2611.512	154.6	
13:30:19	107.52	2611.751	154.6	
13:30:34	107.76	2611.921	154.6	
13:30:48	108.00		154.6	
13:31:02	108.24	2612.331	154.6	
13:31:17	108.48	2612.535	154.6	
13:31:31	108.72	2612.740	154.6	
13:31:46	108.96	2612.945	154.6	
13:32:00	109.20	2613.184	154.6	
13:32:14	109.44	2613.354	154.7	
13:32:29	109.68		154.7	
13:32:43	109.92	2613.763	154.7	

PRESSURE VS TIME

GRC gauge no.: 71678

Gauge Depth: 6343.87 ft

Memory Recorder No.: 71362

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90		Data Print Frequency:	1	
13:32:58	110.16	2613.968	154.7	
13:33:12	110.40	2614.139	154.7	
13:33:26	110.64	2614.378	154.7	
13:33:41	110.88	2614.548	154.7	
13:33:55	111.12	2614.753	154.7	
13:34:10	111.36		154.7	
13:34:24	111.60	2615.094	154.7	
13:34:38	111.84	2615.333	154.7	
13:34:53	112.08	2615.538	154.7	
13:35:07	112.32	2615.708	154.7	
13:35:22	112.56	2615.913	154.7	
13:35:36	112.80	2616.118	154.7	
13:35:50	113.04		154.7	
13:36:05	113.28	2616.493	154.7	
13:36:19	113.52	2616.664	154.7	
13:36:34	113.76	2616.868	154.7	
13:36:48	114.00	2617.073	154.7	
13:37:02	114.24	2617.244	154.7	
13:37:17	114.48	2617.448	154.7	
13:37:31	114.72		154.8	
13:37:46	114.96	2617.824	154.8	
13:38:00	115.20	2617.994	154.8	
13:38:14	115.44	2618.199	154.8	
13:38:29	115.68	2618.370	154.8	
13:38:43	115.92	2618.574	154.8	
13:38:58	116.16	2618.745	154.8	
13:39:12	116.40		154.8	
13:39:26	116.64	2619.120	154.8	
13:39:41	116.88	2619.291	154.8	
13:39:55	117.12	2619.461	154.8	
13:40:10	117.36	2619.666	154.8	
13:40:24	117.60	2619.837	154.8	
13:40:38	117.84	2620.041	154.8	
13:40:53	118.08		154.8	
13:41:07	118.32	2620.383	154.8	
13:41:22	118.56	2620.587	154.8	
13:41:36	118.80	2620.792	154.8	
13:41:50	119.04	2620.929	154.8	
13:42:05	119.28	2621.133	154.8	
13:42:19	119.52	2621.304	154.8	
13:42:34	119.76		154.8	
13:42:48	120.00	2621.645	154.8	
13:43:02	120.24	2621.850	154.8	
13:43:17	120.48	2622.021	154.8	
13:43:31	120.72	2622.191	154.8	
13:43:46	120.96	2622.362	154.9	

Date: 19/8/90

Ticket No: 000461

Page No: 4.1.23

PRESSURE VS TIME

GRC gauge no.: 71678

Gauge Depth: 6343.87 ft

Memory Recorder No.: 71362

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90		Data Print Frequency:	1	
13:44:00	121.20	2622.532	154.9	
13:44:14	121.44		154.9	
13:44:29	121.68	2622.908	154.9	
13:44:43	121.92	2623.044	154.9	
13:44:58	122.16	2623.249	154.9	
13:45:12	122.40	2623.420	154.9	
13:45:26	122.64	2623.590	154.9	
13:45:41	122.88	2623.761	154.9	
13:45:55	123.12		154.9	
13:46:10	123.36	2624.102	154.9	
13:46:24	123.60	2624.273	154.9	
13:46:38	123.84	2624.444	154.9	
13:46:53	124.08	2624.614	154.9	
13:47:07	124.32	2624.751	154.9	
13:47:22	124.56	2624.956	154.9	
13:47:36	124.80		154.9	
13:47:50	125.04	2625.297	154.9	
13:48:05	125.28	2625.467	154.9	
13:48:19	125.52	2625.604	154.9	
13:48:34	125.76	2625.809	154.9	
13:48:48	126.00	2625.979	154.9	
13:49:02	126.24	2626.150	154.9	
13:49:17	126.48		154.9	
13:49:31	126.72	2626.457	154.9	
13:49:46	126.96	2626.628	154.9	
13:50:00	127.20	2626.798	155.0	
13:50:14	127.44	2626.969	155.0	
13:50:29	127.68	2627.106	155.0	
13:50:43	127.92	2627.276	155.0	
13:50:58	128.16		155.0	
13:51:12	128.40	2627.618	155.0	
13:51:26	128.64	2627.754	155.0	
13:51:41	128.88	2627.925	155.0	
13:51:55	129.12	2628.061	155.0	
13:52:10	129.36	2628.232	155.0	
13:52:24	129.60	2628.403	155.0	
13:52:38	129.84		155.0	
13:52:53	130.08	2628.710	155.0	
13:53:07	130.32	2628.881	155.0	
13:53:22	130.56	2629.017	155.0	
13:53:36	130.80	2629.188	155.0	
13:53:50	131.04	2629.358	155.0	
13:54:05	131.28	2629.495	155.0	
13:54:19	131.52		155.0	
13:54:34	131.76	2629.836	155.0	
13:54:48	132.00	2629.973	155.0	

PRESSURE VS TIME

GRC gauge no.: 71678

Gauge Depth: 6343.87 ft

Memory Recorder No.: 71362

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90		Data Print Frequency:	1	
13:55:02	132.24	2630.144	155.0	
13:55:17	132.48	2630.314	155.0	
13:55:31	132.72	2630.451	155.0	
13:55:46	132.96	2630.588	155.1	
13:56:00	133.20		155.1	
13:56:14	133.44	2630.929	155.1	
13:56:29	133.68	2631.065	155.1	
13:56:43	133.92	2631.236	155.1	
13:56:58	134.16	2631.373	155.1	
13:57:12	134.40	2631.543	155.1	
13:57:26	134.64	2631.680	155.1	
13:57:41	134.88		155.1	
13:57:55	135.12	2631.953	155.1	
13:58:10	135.36	2632.124	155.1	
13:58:24	135.60	2632.294	155.1	
13:58:38	135.84	2632.431	155.1	
13:58:53	136.08	2632.601	155.1	
13:59:07	136.32	2632.704	155.1	
13:59:22	136.56		155.1	
13:59:36	136.80	2633.045	155.1	
13:59:50	137.04	2633.182	155.1	
14:00:05	137.28	2633.319	155.1	
14:00:19	137.52	2633.489	155.1	
14:00:34	137.76	2633.592	155.1	
14:00:48	138.00	2633.762	155.1	
14:01:02	138.24		155.1	
14:01:17	138.48	2634.035	155.1	
14:01:31	138.72	2634.206	155.1	
14:01:46	138.96	2634.377	155.2	
14:02:00	139.20	2634.513	155.2	
14:02:14	139.44	2634.650	155.2	
14:02:29	139.68	2634.787	155.2	
14:02:43	139.92		155.2	
14:02:58	140.16	2635.060	155.2	
14:03:12	140.40	2635.230	155.2	
14:03:26	140.64	2635.367	155.2	
14:03:41	140.88	2635.503	155.2	
14:03:55	141.12	2635.674	155.2	
14:04:10	141.36	2635.811	155.2	
14:04:24	141.60		155.2	
14:04:38	141.84	2636.084	155.2	
14:04:53	142.08	2636.220	155.2	
14:05:07	142.32	2636.357	155.2	
14:05:22	142.56	2636.494	155.2	
14:05:36	142.80	2636.630	155.2	
14:05:50	143.04	2636.767	155.2	

PRESSURE VS TIME

GRC gauge no.: 71678

Gauge Depth: 6343.87 ft

Memory Recorder No.: 71362

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90		Data Print Frequency:	1	
14:06:05	143.28		155.2	
14:06:19	143.52	2637.074	155.2	
14:06:34	143.76	2637.211	155.2	
14:06:48	144.00	2637.347	155.2	
14:07:02	144.24	2637.484	155.2	
14:07:17	144.48	2637.586	155.2	
14:07:31	144.72	2637.757	155.2	
14:07:46	144.96		155.2	
14:08:00	145.20	2638.030	155.3	
14:08:14	145.44	2638.133	155.3	
14:08:29	145.68	2638.269	155.3	
14:08:43	145.92	2638.406	155.3	
14:08:58	146.16	2638.542	155.3	
14:09:12	146.40	2638.679	155.3	
14:09:26	146.64		155.3	
14:09:41	146.88	2638.952	155.3	
14:09:55	147.12	2639.089	155.3	
14:10:10	147.36	2639.225	155.3	
14:10:24	147.60	2639.328	155.3	
14:10:38	147.84	2639.464	155.3	
14:10:53	148.08	2639.601	155.3	
14:11:07	148.32		155.3	
14:11:22	148.56	2639.874	155.3	
14:11:36	148.80	2640.010	155.3	
14:11:50	149.04	2640.147	155.3	
14:12:05	149.28	2640.284	155.3	
14:12:19	149.52	2640.420	155.3	
14:12:34	149.76	2640.523	155.3	
14:12:48	150.00		155.3	
14:13:02	150.24	2640.796	155.3	
14:13:17	150.48	2640.967	155.3	
14:13:31	150.72	2641.069	155.3	
14:13:46	150.96	2641.206	155.3	
14:14:00	151.20	2641.342	155.3	
14:14:14	151.44	2641.445	155.3	
14:14:29	151.68		155.3	
14:14:43	151.92	2641.718	155.3	
14:14:58	152.16	2641.854	155.3	
14:15:12	152.40	2641.957	155.3	
14:15:26	152.64	2642.093	155.3	
14:15:41	152.88	2642.230	155.3	
14:15:55	153.12	2642.366	155.3	
14:16:10	153.36		155.3	
14:16:24	153.60	2642.571	155.3	
14:16:38	153.84	2642.742	155.3	
14:16:53	154.08	2642.845	155.4	

PRESSURE VS TIME

GRC gauge no.: 71678

Gauge Depth: 6343.87 ft

Memory Recorder No.: 71362

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90		Data Print Frequency:	1	
14:17:07	154.32	2642.981	155.4	
14:17:22	154.56	2643.084	155.4	
14:17:36	154.80	2643.186	155.4	
14:17:50	155.04		155.4	
14:18:05	155.28	2643.493	155.4	
14:18:19	155.52	2643.596	155.4	
14:18:34	155.76	2643.698	155.4	
14:18:48	156.00	2643.835	155.4	
14:19:02	156.24	2643.972	155.4	
14:19:17	156.48	2644.074	155.4	
14:19:31	156.72		155.4	
14:19:46	156.96	2644.347	155.4	
14:20:00	157.20	2644.450	155.4	
14:20:14	157.44	2644.586	155.4	
14:20:29	157.68	2644.689	155.4	
14:20:43	157.92	2644.826	155.4	
14:20:58	158.16	2644.962	155.4	
14:21:12	158.40		155.4	
14:21:26	158.64	2645.167	155.4	
14:21:41	158.88	2645.304	155.4	
14:21:55	159.12	2645.406	155.4	
14:22:10	159.36	2645.508	155.4	
14:22:24	159.60	2645.645	155.4	
14:22:38	159.84	2645.782	155.4	
14:22:53	160.08		155.4	
14:23:07	160.32	2646.021	155.4	
14:23:22	160.56	2646.157	155.4	
14:23:36	160.80	2646.260	155.4	
14:23:50	161.04	2646.362	155.4	
14:24:05	161.28	2646.533	155.5	
14:24:19	161.52	2646.601	155.5	
14:24:34	161.76		155.5	
14:24:48	162.00	2646.840	155.5	
14:25:02	162.24	2646.943	155.5	
14:25:17	162.48	2647.080	155.5	
14:25:31	162.72	2647.182	155.5	
14:25:46	162.96	2647.319	155.5	
14:26:00	163.20	2647.421	155.5	
14:26:14	163.44		155.5	
14:26:29	163.68	2647.626	155.5	
14:26:43	163.92	2647.729	155.5	
14:26:58	164.16	2647.865	155.5	
14:27:12	164.40	2647.968	155.5	
14:27:26	164.64	2648.104	155.5	
14:27:41	164.88	2648.241	155.5	
14:27:55	165.12		155.5	

Date: 19/8/90

Ticket No: 000461

Page No: 4.1.27

PRESSURE VS TIME

GRC gauge no.: 71678

Gauge Depth: 6343.87 ft

Memory Recorder No.: 71362

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90		Data Print Frequency:	1	
14:28:10	165.36	2648.446	155.5	
14:28:24	165.60	2648.548	155.5	
14:28:38	165.84	2648.651	155.5	
14:28:53	166.08	2648.787	155.5	
14:29:07	166.32	2648.856	155.5	
14:29:22	166.56	2648.958	155.5	
14:29:36	166.80		155.5	
14:29:50	167.04	2649.197	155.5	
14:30:05	167.28	2649.300	155.5	
14:30:19	167.52	2649.402	155.5	
14:30:34	167.76	2649.539	155.5	
14:30:48	168.00	2649.641	155.5	
14:31:02	168.24	2649.744	155.5	
14:31:17	168.48		155.5	
14:31:31	168.72	2649.983	155.5	
14:31:46	168.96	2650.085	155.6	
14:32:00	169.20	2650.188	155.6	
14:32:14	169.44	2650.290	155.6	
14:32:29	169.68	2650.427	155.6	
14:32:43	169.92	2650.530	155.6	
14:32:58	170.16		155.6	
14:33:12	170.40	2650.735	155.6	
14:33:26	170.64	2650.837	155.6	
14:33:41	170.88	2650.974	155.6	
14:33:55	171.12	2651.076	155.6	
14:34:10	171.36	2651.179	155.6	
14:34:24	171.60	2651.315	155.6	
14:34:38	171.84		155.6	
14:34:53	172.08	2651.520	155.6	
14:35:07	172.32	2651.588	155.6	
14:35:22	172.56	2651.725	155.6	
14:35:36	172.80	2651.828	155.6	
14:35:50	173.04	2651.930	155.6	
14:36:05	173.28	2652.032	155.6	
14:36:19	173.52		155.6	
14:36:34	173.76	2652.238	155.6	
14:36:48	174.00	2652.374	155.6	
14:37:02	174.24	2652.443	155.6	
14:37:17	174.48	2652.579	155.6	
14:37:31	174.72	2652.682	155.6	
14:37:46	174.96	2652.750	155.6	
14:38:00	175.20		155.6	
14:38:14	175.44	2652.989	155.7	
14:38:29	175.68	2653.092	155.7	
14:38:43	175.92	2653.194	155.7	
14:38:58	176.16	2653.263	155.7	

PRESSURE VS TIME

GRC gauge no.: 71678

Gauge Depth: 6343.87 ft

Memory Recorder No.: 71362

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90		Data Print Frequency:	1	
14:39:12	176.40	2653.399	155.7	
14:39:26	176.64	2653.502	155.7	
14:39:41	176.88		155.7	
14:39:55	177.12	2653.707	155.7	
14:40:10	177.36	2653.775	155.7	
14:40:24	177.60	2653.878	155.7	
14:40:38	177.84	2654.014	155.7	
14:40:53	178.08	2654.117	155.7	
14:41:07	178.32	2654.185	155.7	
14:41:22	178.56		155.7	
14:41:36	178.80	2654.424	155.7	
14:41:50	179.04	2654.527	155.7	
14:42:05	179.28	2654.595	155.7	
14:42:19	179.52	2654.732	155.7	
14:42:34	179.76	2654.800	155.7	
14:42:48	180.00	2654.937	155.7	
14:43:02	180.24		155.7	
14:43:17	180.48	2655.112	155.8	
14:43:31	180.72	2655.284	155.9	
		*** End of Period 2 ***		
		Data Print Frequency:	20	
14:43:46		2797.351	156.0	
14:45:00				OPEN BYPASS / PACKERS FREE
14:48:34		3083.440	156.1	
14:53:22		3080.637	155.8	
14:55:00				DROP REVERSE BAR
14:56:00				PIN BROKE , START REVERSE CIRC
14:58:10			155.4	
15:02:58		3076.558	155.3	
15:07:46		3093.022	155.2	
15:12:34		3259.903	155.2	
15:17:22		3143.370	155.1	
15:22:10		3139.098	155.2	
15:26:58		3272.421	155.2	
15:31:46			155.2	
15:36:34		3089.936	155.2	
15:40:00				CIRCULATE LONG WAY
15:41:22		3089.766	155.0	
15:46:10		3121.540	154.8	
15:50:58		3116.060	154.7	
15:55:46		3113.597	154.7	
16:00:34		3114.223	154.6	
16:05:22			154.5	
16:10:10		3113.844	154.5	
16:14:58		3115.059	154.5	
16:19:46		3114.087	154.5	

PRESSURE VS TIME

GRC gauge no.: 71678

Gauge Depth: 6343.87 ft

Memory Recorder No.: 71362

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90		Data Print Frequency: 20		
16:24:34		3113.636	154.5	
16:29:22		3113.046	154.5	
16:34:10		3113.219	154.5	
16:38:58			154.5	
16:43:46		3114.537	154.5	
16:48:34		3115.613	154.5	
16:53:22		3117.313	154.5	
16:58:10		3117.764	154.5	
17:02:58		3116.445	154.5	
17:07:46		3115.543	154.6	
17:12:34			154.6	
17:17:22		3112.244	154.7	
17:22:10		3109.086	154.7	
17:26:58		3107.352	154.8	
17:31:46		3106.831	154.8	
17:36:34		3106.484	154.8	
17:41:22		3106.864	154.9	
17:46:10			154.9	
17:50:58		3106.931	155.0	
17:55:46		3106.861	155.0	
18:00:34		3105.126	155.1	
18:05:22		3104.708	155.2	
18:10:10		3105.783	155.2	
18:14:58		3105.644	155.2	
18:19:46			155.3	
18:24:34		3105.954	155.3	
18:29:22		3104.461	155.4	
18:34:10		3105.189	155.4	
18:38:58		3105.536	155.4	
18:43:46		3086.605	155.5	
18:45:00				PULL OUT OF HOLE
18:48:34		3082.860	155.6	
18:53:22			155.5	
18:58:10		3025.605	151.6	
19:02:58		2981.353	147.0	
19:07:46		2935.190	141.8	
19:12:34		2845.814	136.6	
19:17:22		2766.809	132.2	
19:22:10		2705.612	128.8	
19:26:58			126.4	
19:31:46		2570.782	124.8	
19:36:34		2496.752	123.8	
19:41:22		2431.129	123.2	
19:46:10		2340.123	122.7	
19:50:58		2246.840	122.4	
19:55:46		2157.893	121.9	

PRESSURE VS TIME

GRC gauge no.: 71678

Gauge Depth: 6343.87 ft

Memory Recorder No.: 71362

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS

19-AUG-90				Data Print Frequency: 20
20:00:34			121.5	
20:05:22		2111.687	121.2	
20:10:10		2063.769	121.1	
20:14:58		1955.791	120.9	
20:19:46		1928.306	120.6	
20:24:34		1881.255	120.3	
20:29:22		1786.969	119.9	
20:34:10			119.3	
20:38:58		1646.420	118.5	
20:43:46		1586.648	117.8	
20:48:34		1497.416	117.0	
20:53:22		1422.841	116.1	
20:58:10		1327.773	115.2	
21:02:58		1230.807	114.1	
21:07:46			113.0	
21:12:34		1093.582	111.9	
21:17:22		1008.586	110.8	
21:22:10		944.896	109.8	
21:26:58		875.414	108.8	
21:31:46		797.721	107.8	
21:36:34		742.968	106.8	
21:41:22			105.6	
21:46:10		582.253	104.5	
21:50:58		503.934	103.4	
21:55:46		423.506	102.2	
22:00:34		333.811	100.7	
22:05:22		336.739	99.3	
22:10:10		305.838	98.4	
22:14:58			97.6	
22:19:46		219.620	96.7	
22:24:34		164.595	95.8	
22:29:22		162.579	94.9	
22:34:10		131.518	94.3	
22:38:58		86.620	93.4	
22:43:46		40.653	92.3	
22:48:34			90.9	
22:53:22		37.949	89.7	
22:58:10		23.922	88.9	
23:00:00				TOOL AT FLOOR
23:02:58		22.951	88.2	
23:07:46		22.953	87.5	
23:12:34		22.889	87.1	
23:17:22		14.645	86.5	
23:22:10			85.6	
23:26:58		13.587	84.6	
23:31:46		13.213	83.5	

Date: 19/8/90

Ticket No: 000461

Page No: 4.1.31

PRESSURE VS TIME

GRC gauge no.: 71678

Gauge Depth: 6343.87 ft

Memory Recorder No.: 71362

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS
------------------	-----------------	-------------------	-------------	----------

19-AUG-90

Data Print Frequency: 20

23:36:34		6.599	78.6	
23:41:22		3.989	69.2	
23:46:10		10.780	60.2	
23:50:58		11.934	56.2	
23:55:46			54.2	

20-AUG-90

00:00:34		17.046	53.6	
00:05:00				STOP EMR GAUGE
00:05:29			67.8	
00:06:34		13.707	72.9	