



APPENDIX. 14.

FORMATION. TESTING.
DST-2.

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 #2
TEST DATE :30-08-90
TICKET NO. :359405

HALLIBURTON
SERVICES

REPORT TICKET NO: 359405
BT-GAUGE TICKET NO: 359405
DATE: 30-8-90
HALLIBURTON CAMP: ROMA
TESTER: A.Hadwin
WITNESS: G.Nicot

DRILLING CONTRACTOR: ATCO-APM RIG#2
LEGAL LOCATION: 37 58' 25.44"S
141 12' 41.60"E

OPERATOR: GAS & FUEL EXP.
LEASE NAME: PINELODGE
WELL NO: 1
TEST NO: 2
TESTED INTERVAL: 6620.53 - 6869.59 ft

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

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SECTION 3: MECHANICAL GAUGE DATA

Gauge No.	7984	3.1
Gauge No.	2170	3.2
Gauge No.	2171	3.3

Date: 30-8-90

Ticket No: 359405

Page No: 1.1

SUMMARY OF TEST

Lease Owner: GAS & FUEL EXP.

Lease Name: PINELODGE

Well No.: 1

Test No.: 2

County/LSD:

State/Province: VICTORIA

Country: AUSTRALIA

Formation Tested:

Hole Temp: 170.00 F

Total Depth: 7052.40 ft

Net Pay: 249.06 ft

Gross Tested Interval: 6620.53 - 6869.59 ft

Perforated Interval (ft):

RECOVERY:

REMARKS:

ALL DOWNHOLE PRESSURES ARE IN ABSOLUTE
PSIA.
LOST PACKER SEAT WHEN TOOL OPENED.
DST TEST WAS ABANDONED.

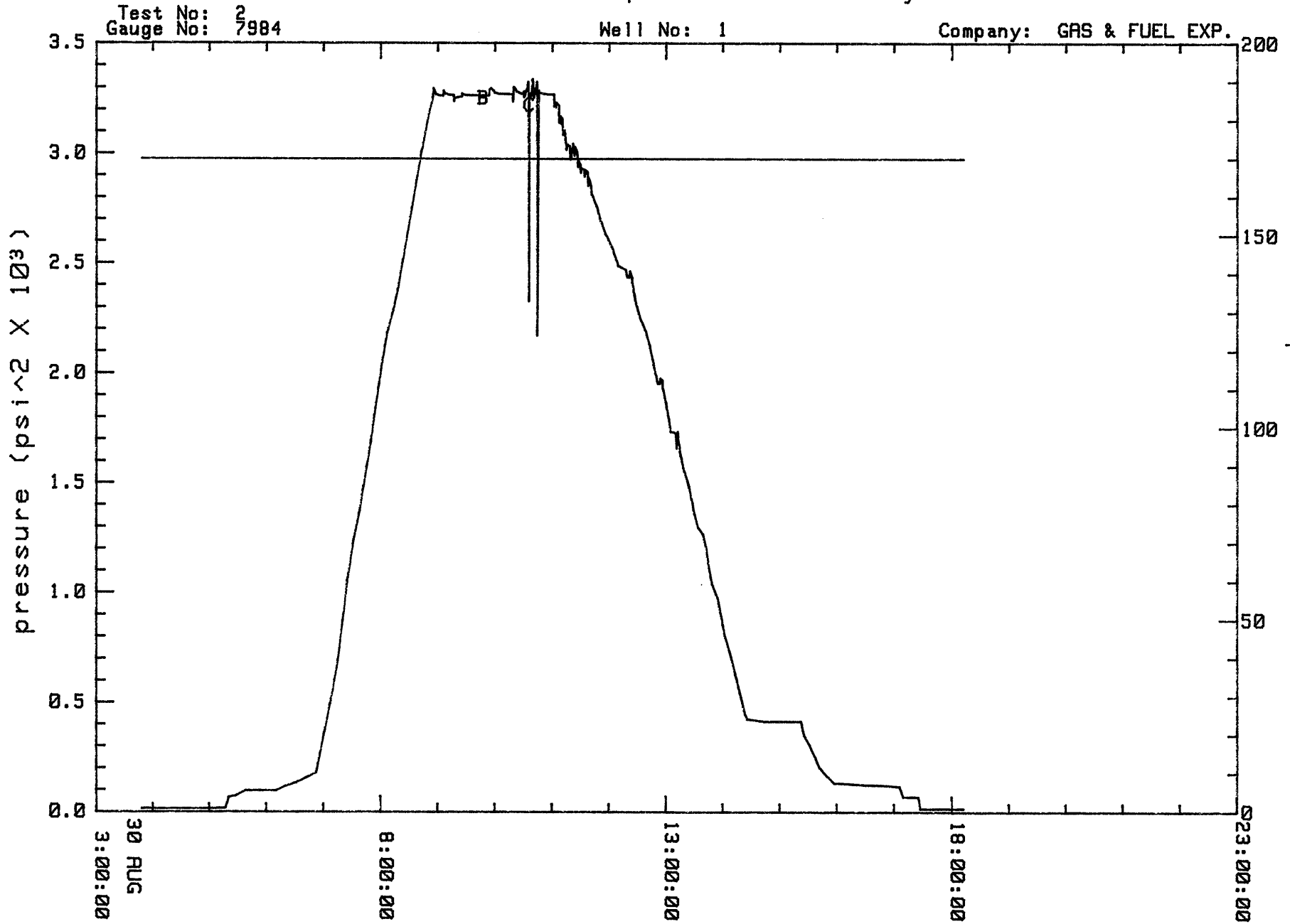
TEST PERIOD SUMMARY

Gauge No.: 7984 Depth: 6589.27 ft Blanked off : No
Hour of clock: 24

ID	PERIOD	DESCRIPTION	PRESSURE (psi)	DURATION (min)
A		Initial Hydrostatic	3260.71	
B	1	Start Draw-down	3261.40	
C		End Draw-down	3266.97	36.25
D		Final Hydrostatic	3265.58	

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

Pressure/Temperature History



Date: 30-8-90

Ticket No: 359405
temperature (F)

Page No: 1.3

TEST AND FORMATION DATA

Formation Tested:

All Depths Measured From: KELLY BUSHINGS
 Elevation: 188.00 ft
 Total Depth: 7052.40 ft
 Net Pay: 249.06 ft
 Hole or Casing Size: 8.500 in
 Gross Tested Interval: 6620.53 - 6869.59 ft
 Perforated Interval (ft):

HOLE FLUID

HOLE TEMPERATURE

Type:	DRILLING FLUID	Depth:	7048.34 ft
Weight:	9.40 lb/gal	Estimated:	170.00 F
Viscosity:	43 seconds	Actual:	170.00 F

HYDROCARBON PROPERTIES

CUSHION DATA

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

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.
 LOST PACKER SEAT WHEN TOOL OPENED.
 DST TEST WAS ABANDONED.

RATE HISTORY TABLE

Period No	Test Type	j	Prod Rate q(j) (MCF/D)	Duration (hrs)	Cum. Time t(j) (hrs)
1	DD	0 1	0.0	0.00 0.60	0.00 0.60

TEST STRING CONFIGURATION

	O.D. (in)	I.D. (in)	LENGTH (ft)	DEPTH (ft)
 DRILL PIPE.....	4.500	3.826	6103.920	
 FLEX WEIGHT.....	4.500	2.810	182.800	
 DRILL COLLARS.....	6.250	2.810	274.040	
 PUMP OUT REVERSING SUB.....	6.000	3.000	1.000	
 IMPACT REVERSING SUB.....	6.000	3.000	1.000	
 DRILL COLLARS.....	6.250	2.810	30.800	
 BAR CATCHER SUB.....	5.750	1.500	1.000	
 AP RUNNING CASE.....	5.000	2.250	4.140	6567.96
 DUAL CIP VALVE.....	5.000	0.870	5.870	
 SAMPLE CHAMBER.....	5.000	2.370	5.000	
 DRAIN VALVE.....	5.000	2.500	1.000	
 HYDROSPRING TESTER.....	5.000	0.750	5.300	6585.13
 AP RUNNING CASE.....	5.000	2.250	4.140	6589.27
 ELECTRONIC GAUGE RUNNING CASE...	5.000	1.000	6.950	6594.41
 JAR.....	5.000	1.750	5.000	
 VR SAFETY JOINT.....	5.000	1.000	2.780	
 PRESSURE EQUALIZING CROSSOVER...	4.900	2.200	1.000	
 OPEN HOLE PACKER.....	7.500	1.680	5.810	6612.55
 DISTRIBUTOR VALVE.....	5.000	1.680	2.170	
 OPEN HOLE PACKER.....	7.500	1.680	5.810	6620.53
 PERFORATED TAIL PIPE.....	5.000	2.370	20.000	
 AP RUNNING CASE.....	5.000	2.250	4.140	6643.93
 CROSSOVER.....	5.750	2.400	1.000	

CONTINUED

TEST STRING CONFIGURATION



	O. D. (in)	I. D. (in)	LENGTH (ft)	DEPTH (ft)
DRILL COLLARS.....	6.250	2.810	215.120	
CROSSOVER.....	5.750	2.400	1.000	
CROSSOVER.....	5.250	2.400	1.000	
OPEN HOLE PACKER.....	7.500	1.680	5.810	6569.59
DISTRIBUTOR VALVE.....	5.000	1.680	2.170	
OPEN HOLE PACKER.....	7.500	1.680	5.810	6877.57
CROSSOVER.....	5.250	2.400	1.000	
ANCHOR PIPE SAFETY JOINT.....	5.000		4.300	
BLANK ANCHOR.....	5.000	2.370	6.000	
CROSSOVER.....	5.750	2.400	1.000	
DRILL COLLARS.....	6.250	2.810	154.060	
CROSSOVER.....	5.750	2.400	1.000	
BLANKED-OFF RUNNING CASE.....	5.000	2.440	4.060	7048.34
TOTAL DEPTH				7052.40

Date: 30-8-90
Test No: 2

Ticket No: 359405

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

30-AUG-90					
01:15:00					SURFACE PRESSURE = PSIG
01:15:00					MAKE UP TOOLS
09:30:00					PRESSURE TEST SURFACE EQUIP.
09:39:00					OPEN MASTER VALVE
09:44:00					SET WEIGHT ON TOOL
09:54:00					TOOL OPEN-LOST ANNULUS
09:54:00					PICK UP TO STRING WEIGHT
10:00:00					SET WEIGHT ON TOOL
10:06:00					TOOL OPEN-LOST ANNULUS
10:06:00					PICK UP TO STRING WEIGHT
10:30:00					RIG DOWN SURFACE EQUIPMENT
11:00:00					PULL OUT OF HOLE

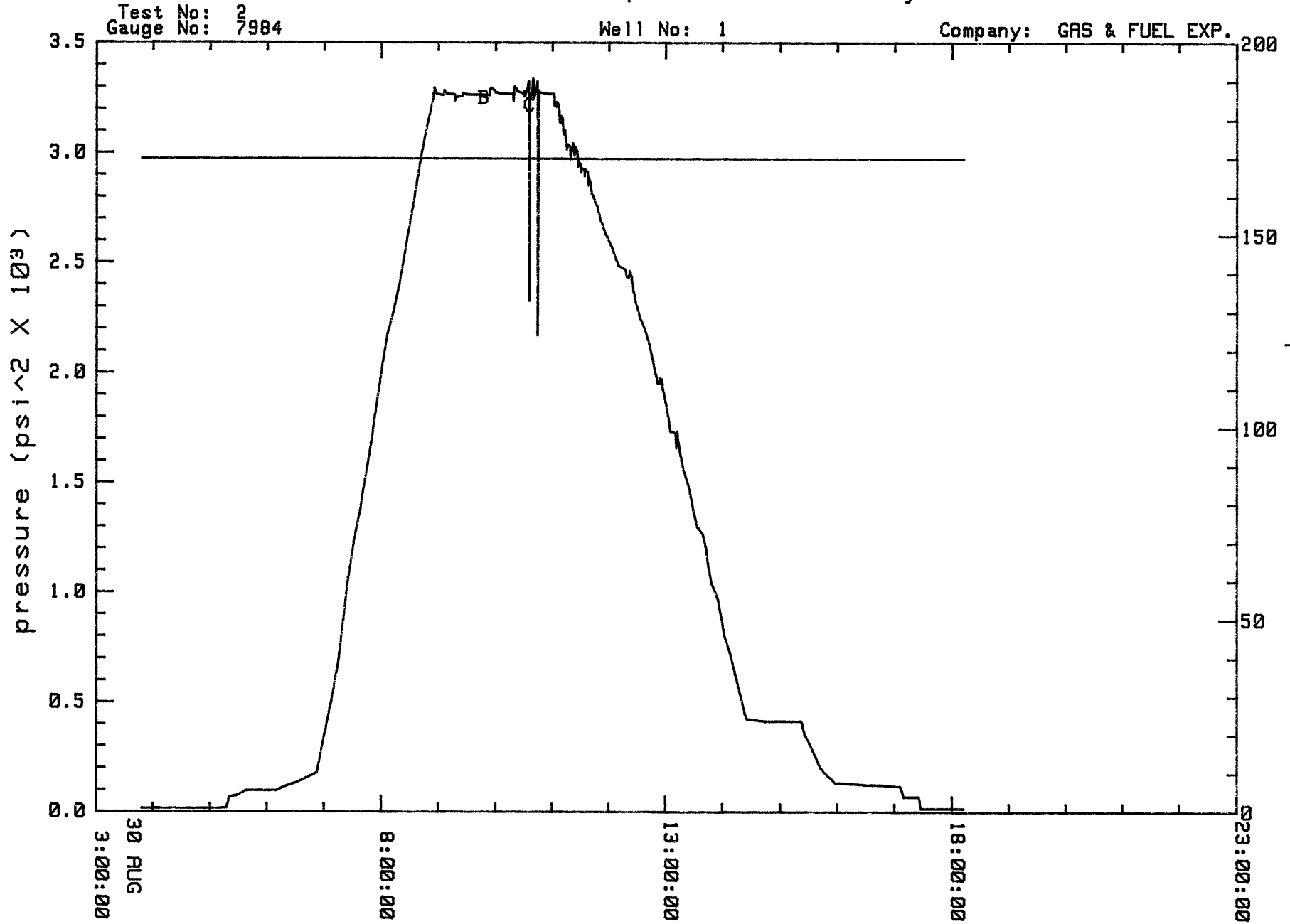
TEST PERIOD SUMMARY

Gauge No.: 7984 Depth: 6589.27 ft Blanked off : No
Hour of clock: 24

ID	PERIOD	DESCRIPTION	PRESSURE (psi)	DURATION (min)
A		Initial Hydrostatic	3260.71	
B	1	Start Draw-down	3261.40	
C		End Draw-down	3266.97	36.25
D		Final Hydrostatic	3265.58	

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

Pressure/Temperature History



Date: 30-8-90

Ticket No: 359405
temperature (F)

Page No: 3.1.0

PRESSURE VS TIME

MECHANICAL gauge no.: 7984
Clock no.:

Gauge Depth: 6589.27 ft
24

Hour:

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS
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30-AUG-90

Data Print Frequency: 1

SURFACE PRESSURE = PSIG
MAKE UP TOOLS

01:15:00			
01:15:00			
03:48:24		13.040	170.0
04:00:15		13.040	170.0
04:35:40		13.040	170.0
04:53:54		13.753	170.0
05:17:35		17.855	170.0
05:20:30		65.103	170.0
05:28:20		72.769	170.0
05:38:37		96.298	170.0
05:52:28		96.298	170.0
06:10:42		96.833	170.0
06:19:40		114.656	170.0
06:31:39		132.834	170.0
06:40:36		151.900	170.0
06:52:37		177.201	170.0
07:01:01		360.959	170.0
07:07:07		491.532	170.0
07:15:04		684.529	170.0
07:20:27		871.257	170.0
07:25:34		1064.665	170.0
07:31:53		1242.780	170.0
07:37:31		1360.753	170.0
07:41:07		1463.080	170.0
07:45:29		1574.159	170.0
07:49:22		1678.973	170.0
07:53:34		1807.849	170.0
07:57:56		1937.127	170.0
08:02:35		2066.978	170.0
08:07:10		2184.398	170.0
08:12:15		2267.299	170.0
08:17:48		2375.758	170.0
08:23:09		2506.200	170.0
08:28:12		2633.349	170.0
08:33:06		2750.743	170.0
08:37:47		2877.099	170.0
08:42:44		3002.966	170.0
08:48:59		3141.759	170.0
08:54:56		3255.487	170.0
08:55:40		3294.471	170.0
08:58:03		3266.975	170.0
09:05:34		3259.664	170.0
09:06:10		3282.638	170.0
09:08:18		3269.933	170.0
09:12:13		3264.016	170.0
09:17:03		3262.623	170.0

PRESSURE VS TIME

MECHANICAL gauge no.: 7984
 Clock no.:

Gauge Depth: 6589.27 ft
 24

Hour:

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

30-AUG-90				Data Print Frequency: 1
09:17:14		3235.815	170.0	
09:17:53		3250.264	170.0	
09:21:57		3254.964	170.0	
09:25:20		3258.098	170.0	
09:25:40		3269.759	170.0	
09:29:09		3264.364	170.0	
09:30:00				PRESSURE TEST SURFACE EQUIP.
09:34:51		3261.927	170.0	
09:39:00				OPEN MASTER VALVE
09:44:00				SET WEIGHT ON TOOL
09:46:37		3261.579	170.0	
09:53:10		3260.709	170.0	
09:54:00				TOOL OPEN-LOST ANNULUS
09:54:00				PICK UP TO STRING WEIGHT
		*** Start of Period 1 ***		
09:54:00	0.00	3261.405	170.0	
09:54:28	0.46	3288.555	170.0	
09:55:56	1.94	3294.123	170.0	
09:58:43	4.71	3285.074	170.0	
10:00:00				SET WEIGHT ON TOOL
10:00:15	6.25	3274.458	170.0	
10:04:54	10.90	3268.193	170.0	
10:06:00				TOOL OPEN-LOST ANNULUS
10:06:00				PICK UP TO STRING WEIGHT
10:12:08	18.14	3266.626	170.0	
10:18:33	24.54	3266.800	170.0	
10:19:06	25.10	3235.293	170.0	
10:19:58	25.96	3302.127	170.0	
10:21:28	27.47	3293.949	170.0	
10:23:04	29.07	3280.202	170.0	
10:27:27	33.44	3271.500	170.0	
10:29:14	35.23	3266.975	170.0	
10:30:00				RIG DOWN SURFACE EQUIPMENT
10:30:15	36.25	3266.975	170.0	
		*** End of Period 1 ***		
10:30:20		3279.157	170.0	
10:31:01		3254.616	170.0	
10:32:20		3272.196	170.0	
10:35:12		3323.352	170.0	
10:35:49		2325.050	170.0	
10:36:19		3270.630	170.0	
10:38:23		3260.883	170.0	
10:39:46		3335.703	170.0	
10:40:39		3247.653	170.0	
10:42:08		3276.373	170.0	
10:44:23		3323.352	170.0	

PRESSURE VS TIME

MECHANICAL gauge no.: 7984
Clock no.:

Hour:

Gauge Depth: 6589.27 ft
24

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS
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30-AUG-90

Data Print Frequency: 1

10:44:38		2168.233	170.0	
10:46:08		3284.900	170.0	
10:46:19		3274.110	170.0	
10:51:56		3269.237	170.0	
10:55:59		3266.626	170.0	
10:59:10		3265.234	170.0	
11:00:00				
11:00:26		3265.582	170.0	
11:02:05		3265.582	170.0	
11:02:22		3210.567	170.0	
11:03:03		3230.940	170.0	
11:04:26		3208.129	170.0	
11:04:57		3227.458	170.0	
11:07:08		3216.140	170.0	
11:07:47		3137.925	170.0	
11:09:12		3165.803	170.0	
11:09:38		3133.220	170.0	
11:10:52		3158.138	170.0	
11:12:04		3083.194	170.0	
11:13:16		3103.591	170.0	
11:15:35		3014.655	170.0	
11:16:32		3037.331	170.0	
11:18:45		3031.750	170.0	
11:19:37		2970.509	170.0	
11:21:53		3043.610	170.0	
11:23:37		2988.309	170.0	
11:24:19		3026.517	170.0	
11:26:23		3005.757	170.0	
11:27:33		2937.868	170.0	
11:28:01		2961.782	170.0	
11:29:54		2947.993	170.0	
11:30:38		2910.980	170.0	
11:30:57		2931.932	170.0	
11:34:03		2923.901	170.0	
11:34:25		2892.993	170.0	
11:35:13		2921.806	170.0	
11:37:17		2913.949	170.0	
11:38:09		2851.070	170.0	
11:38:48		2883.213	170.0	
11:40:29		2861.727	170.0	
11:42:06		2810.181	170.0	
11:47:09		2760.360	170.0	
11:51:25		2689.524	170.0	
11:56:38		2628.448	170.0	
12:02:47		2575.746	170.0	
12:07:50		2512.333	170.0	

PULL OUT OF HOLE

PRESSURE VS TIME

MECHANICAL gauge no.: 7984

Gauge Depth: 6589.27 ft

Clock no.:

Hour:

24

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS
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30-AUG-90 Data Print Frequency: 1

12:10:05		2486.047	170.0	
12:17:19		2468.695	170.0	
12:19:21		2436.087	170.0	
12:21:25		2432.931	170.0	
12:22:09		2460.281	170.0	
12:24:06		2435.912	170.0	
12:26:10		2367.512	170.0	
12:29:13		2305.393	170.0	
12:33:28		2244.471	170.0	
12:38:32		2193.007	170.0	
12:42:51		2131.151	170.0	
12:46:18		2063.812	170.0	
12:49:28		1995.207	170.0	
12:52:05		1951.033	170.0	
12:53:58		1951.385	170.0	
12:54:30		1973.562	170.0	
12:56:32		1967.578	170.0	
12:57:12		1928.148	170.0	
13:00:13		1868.629	170.0	
13:02:52		1804.501	170.0	
13:05:33		1732.231	170.0	
13:11:00		1725.531	170.0	
13:11:54		1656.570	170.0	
13:12:45		1734.523	170.0	
13:13:41		1689.379	170.0	
13:16:20		1621.282	170.0	
13:19:28		1555.799	170.0	
13:24:00		1496.290	170.0	
13:27:28		1425.799	170.0	
13:30:20		1360.399	170.0	
13:34:08		1294.969	170.0	
13:39:16		1266.312	170.0	
13:42:26		1210.750	170.0	
13:45:42		1111.960	170.0	
13:49:13		1037.911	170.0	
13:54:55		977.299	170.0	
13:58:29		900.523	170.0	
14:02:35		799.042	170.0	
14:08:02		726.615	170.0	
14:13:42		629.817	170.0	
14:18:34		542.558	170.0	
14:24:05		442.979	170.0	
14:26:16		423.590	170.0	
14:44:52		412.026	170.0	
14:57:15		412.026	170.0	
15:10:49		412.026	170.0	

Date: 30-8-90

Ticket No: 359405

Page No: 3.1.5

PRESSURE VS TIME

MECHANICAL gauge no.: 7984
Clock no.:

Hour:

Gauge Depth: 6589.27 ft
24

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS
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30-AUG-90

Data Print Frequency: 1

15:22:48		412.026	170.0	
15:26:28		348.857	170.0	
15:31:20		310.944	170.0	
15:36:58		257.352	170.0	
15:42:42		201.428	170.0	
15:50:57		160.809	170.0	
15:58:02		130.695	170.0	
16:15:11		126.240	170.0	
16:28:22		121.250	170.0	
16:37:29		121.250	170.0	
16:51:09		118.755	170.0	
17:06:13		113.587	170.0	
17:10:04		68.312	170.0	
17:18:08		67.243	170.0	
17:25:31		66.530	170.0	
17:27:37		14.288	170.0	
17:37:06		13.218	170.0	
17:47:25		13.218	170.0	
17:58:14		13.218	170.0	
18:08:12		13.218	170.0	
18:11:32		13.040	170.0	
18:12:26		13.040	170.0	

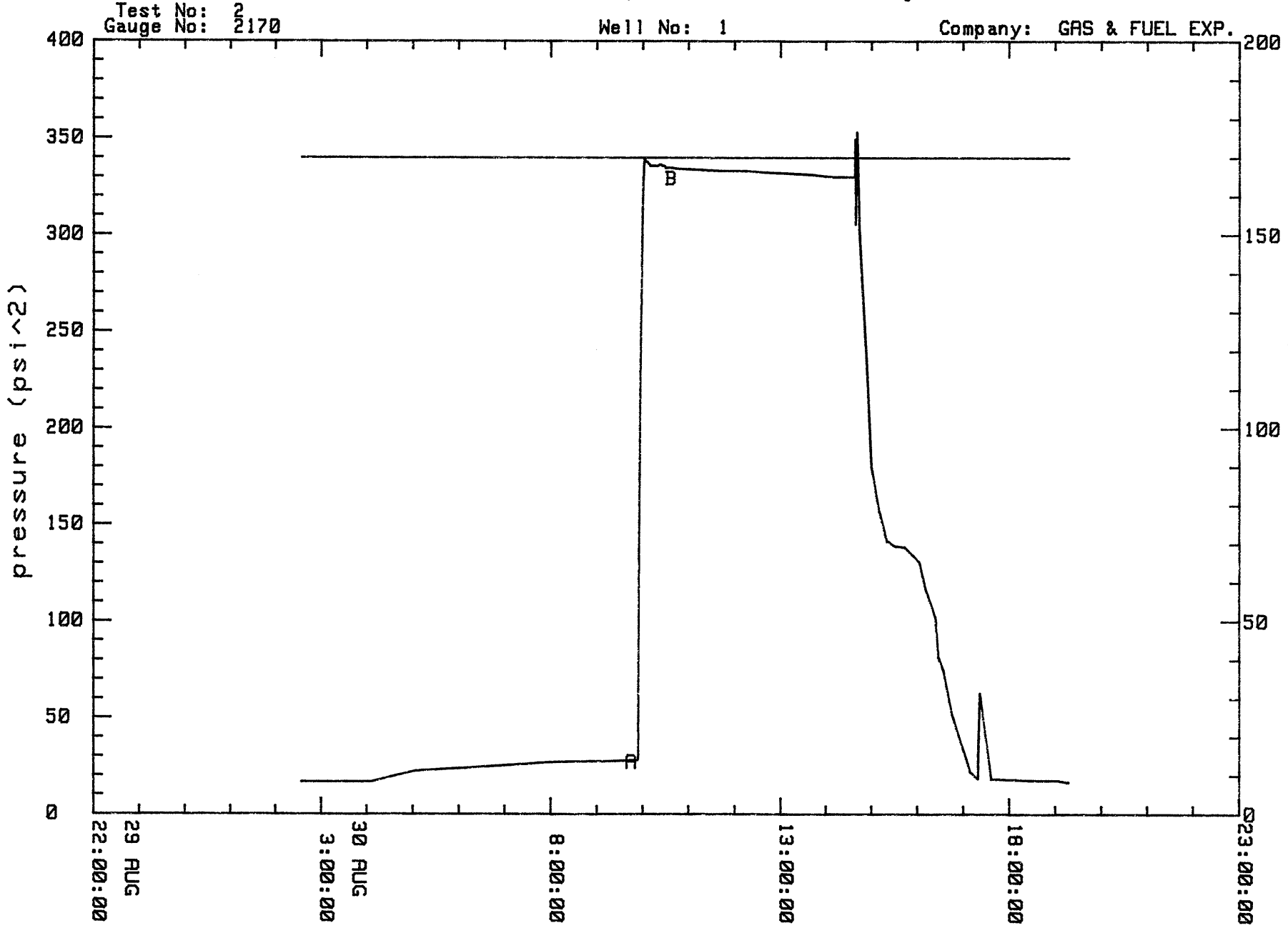
TEST PERIOD SUMMARY

Gauge No.: 2170 Depth: 6567.96 ft Blanked off : No
Hour of clock: 48

ID	PERIOD	DESCRIPTION	PRESSURE (psi)	DURATION (min)
A	1	Start Draw-down	28.13	
B		End Draw-down	334.74	36.18
C		Final Hydrostatic	329.64	

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

Pressure/Temperature History



Date: 30-8-90
Ticket No: 359405
Page No: 3.2.0

PRESSURE VS TIME

MECHANICAL gauge no.: 2170
Clock no.:

Gauge Depth: 6567.96 ft
48

Hour:

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS
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30-AUG-90

Data Print Frequency: 1

01:15:00				SURFACE PRESSURE = PSIG
01:15:00				MAKE UP TOOLS

02:34:06		16.391	170.0	
03:04:04		16.391	170.0	
03:34:06		16.391	170.0	
04:04:04		16.391	170.0	
04:34:06		19.534	170.0	
05:04:04		22.346	170.0	
05:34:06		23.173	170.0	
06:04:04		23.834	170.0	
06:34:06		24.661	170.0	
07:04:04		25.323	170.0	
07:34:06		26.150	170.0	
07:54:07		26.811	170.0	
08:24:05		27.142	170.0	
08:54:07		27.308	170.0	
09:24:05		27.473	170.0	

PRESSURE TEST SURFACE EQUIP.
OPEN MASTER VALVE
SET WEIGHT ON TOOL
TOOL OPEN-LOST ANNULUS
PICK UP TO STRING WEIGHT

*** Start of Period 1 ***

09:54:00	0.00	28.135	170.0	
09:55:02	1.03	131.589	170.0	
09:56:03	2.05	175.996	170.0	
09:57:01	3.02	234.393	170.0	
09:58:02	4.04	261.101	170.0	
09:59:00	5.01	292.412	170.0	

SET WEIGHT ON TOOL

10:00:00				
10:00:02	6.03	313.004	170.0	
10:01:03	7.06	328.979	170.0	
10:02:01	8.02	339.023	170.0	
10:03:03	9.05	339.188	170.0	
10:04:01	10.01	337.871	170.0	

TOOL OPEN-LOST ANNULUS
PICK UP TO STRING WEIGHT

10:06:00				
10:06:00	12.00	337.706	170.0	
10:08:03	14.05	336.718	170.0	
10:10:02	16.04	335.730	170.0	
10:12:02	18.03	335.895	170.0	
10:14:01	20.02	335.895	170.0	
10:16:01	22.01	335.566	170.0	
10:20:03	26.05	335.730	170.0	
10:22:02	28.04	336.224	170.0	
10:24:02	30.03	336.224	170.0	

PRESSURE VS TIME

MECHANICAL gauge no.: 2170
Clock no.:

Gauge Depth: 6567.96 ft
48

Hour:

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

30-AUG-90				Data Print Frequency: 1
10:26:01	32.02	335.730	170.0	
10:28:01	34.01	335.566	170.0	
10:30:00				RIG DOWN SURFACE EQUIPMENT
10:30:00	36.00	334.742	170.0	
10:30:11	36.18	334.742	170.0	
		*** End of Period 1 ***		
10:44:03		334.084	170.0	
11:00:00				PULL OUT OF HOLE
11:14:01		333.425	170.0	
11:44:03		332.766	170.0	
12:14:01		332.766	170.0	
12:44:03		331.943	170.0	
13:14:01		331.449	170.0	
13:44:03		330.790	170.0	
14:09:05		329.638	170.0	
14:14:01		329.638	170.0	
14:37:54		329.638	170.0	
14:38:37		349.231	170.0	
14:39:21		305.262	170.0	
14:40:58		353.017	170.0	
14:43:59		304.438	170.0	
14:48:31		269.836	170.0	
14:53:49		233.239	170.0	
15:00:02		179.627	170.0	
15:10:10		156.850	170.0	
15:20:17		141.166	170.0	
15:31:52		138.524	170.0	
15:43:23		138.029	170.0	
15:53:20		134.231	170.0	
16:02:08		130.598	170.0	
16:11:40		115.568	170.0	
16:23:55		101.527	170.0	
16:27:53		81.038	170.0	
16:33:59		74.758	170.0	
16:45:44		51.616	170.0	
16:59:40		34.088	170.0	
17:09:37		21.684	170.0	
17:19:02		18.376	170.0	
17:21:44		62.692	170.0	
17:37:00		18.045	170.0	
17:56:46		17.549	170.0	
18:07:12		17.549	170.0	
18:24:45		17.053	170.0	
18:48:49		17.053	170.0	
19:05:06		17.053	170.0	
19:13:18		16.556	170.0	

Date: 30-8-90

Ticket No: 359405

Page No: 3.2.3

PRESSURE VS TIME

MECHANICAL gauge no.: 2170
Clock no.:

Gauge Depth: 6567.96 ft
48

Hour:

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

30-AUG-90

Data Print Frequency: 1

19:14:55

16.391 170.0

19:17:24

16.391 170.0

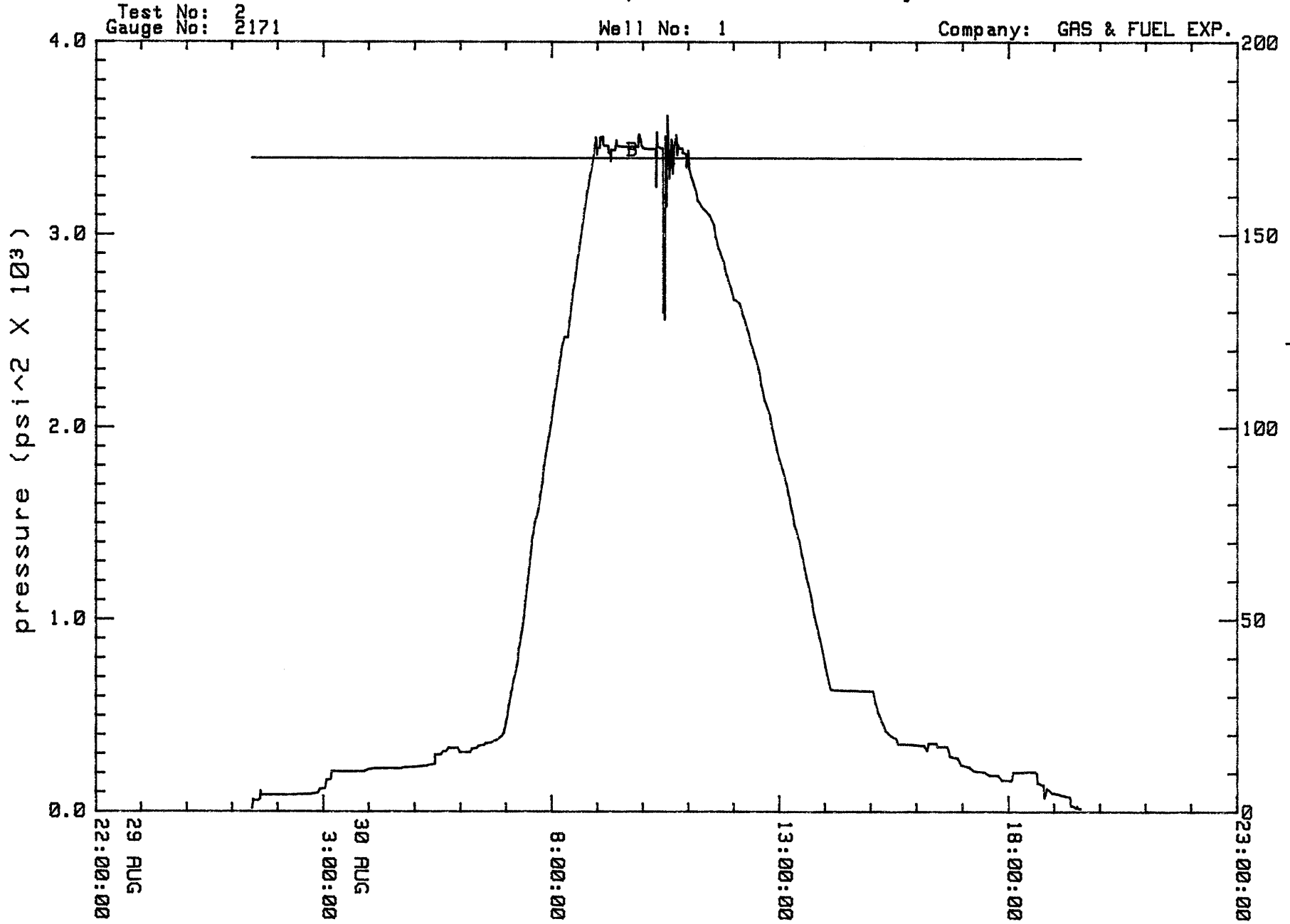
TEST PERIOD SUMMARY

Gauge No.: 2171 Depth: 7048.34 ft Blanked off : Yes
Hour of clock: 24

ID	PERIOD	DESCRIPTION	PRESSURE (psi)	DURATION (min)
A		Initial Hydrostatic	3452.69	
B	1	Start Draw-down	3455.79	
C		End Draw-down	3447.78	35.97
D		Final Hydrostatic	3447.13	

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

Pressure/Temperature History



Date: 30-8-90

Ticket No: 359405
temperature (F)

Page No: 3.3.0

PRESSURE VS TIME

MECHANICAL gauge no.: 2171
Clock no.:

Gauge Depth: 7048.34 ft
24

Hour:

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS
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30-AUG-90

Data Print Frequency: 1

SURFACE PRESSURE = PSIG
MAKE UP TOOLS

01:15:00				
01:15:00				
01:26:18		14.259	170.0	
01:28:04		61.389	170.0	
01:34:19		56.578	170.0	
01:36:56		64.376	170.0	
01:38:02		106.837	170.0	
01:38:23		86.936	170.0	
01:49:28		86.272	170.0	
02:00:55		86.272	170.0	
02:10:55		86.272	170.0	
02:20:44		85.941	170.0	
02:26:30		89.092	170.0	
02:35:44		90.087	170.0	
02:44:49		91.746	170.0	
02:52:51		96.555	170.0	
02:55:58		116.953	170.0	
03:02:05		120.600	170.0	
03:04:51		163.203	170.0	
03:09:48		166.849	170.0	
03:11:34		208.272	170.0	
03:20:11		209.598	170.0	
03:32:04		209.101	170.0	
03:43:44		209.101	170.0	
03:54:14		209.101	170.0	
04:00:16		220.365	170.0	
04:08:09		225.499	170.0	
04:19:51		225.831	170.0	
04:32:05		225.831	170.0	
04:43:12		226.162	170.0	
04:47:18		230.965	170.0	
04:58:02		233.615	170.0	
05:06:18		235.768	170.0	
05:17:00		240.902	170.0	
05:26:44		247.857	170.0	
05:26:51		296.033	170.0	
05:35:18		298.019	170.0	
05:37:37		312.914	170.0	
05:41:46		315.562	170.0	
05:45:05		330.950	170.0	
05:56:26		331.116	170.0	
05:59:48		309.273	170.0	
06:13:09		308.777	170.0	
06:15:21		325.986	170.0	
06:21:39		330.454	170.0	
06:24:02		341.043	170.0	

PRESSURE VS TIME

MECHANICAL gauge no.: 2171
Clock no.:

Hour:

Gauge Depth: 7048.34 ft
24

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS
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30-AUG-90 Data Print Frequency: 1

06:31:09		348.156	170.0	
06:33:28		356.428	170.0	
06:40:18		359.570	170.0	
06:47:25		372.306	170.0	
06:53:55		390.002	170.0	
06:57:25		408.521	170.0	
07:00:55		472.322	170.0	
07:03:53		548.966	170.0	
07:07:16		621.927	170.0	
07:10:51		690.389	170.0	
07:15:25		765.735	170.0	
07:17:19		848.118	170.0	
07:20:46		928.966	170.0	
07:23:42		1009.107	170.0	
07:25:56		1094.462	170.0	
07:28:23		1177.466	170.0	
07:30:37		1257.633	170.0	
07:33:09		1341.206	170.0	
07:35:05		1419.815	170.0	
07:37:49		1496.420	170.0	
07:42:26		1559.878	170.0	
07:45:21		1641.505	170.0	
07:48:32		1713.435	170.0	
07:50:23		1796.804	170.0	
07:53:05		1872.612	170.0	
07:56:19		1946.760	170.0	
07:59:41		2021.542	170.0	
08:02:11		2106.281	170.0	
08:05:12		2190.507	170.0	
08:08:07		2266.048	170.0	
08:10:55		2340.429	170.0	
08:13:46		2417.249	170.0	
08:17:05		2467.910	170.0	
08:21:26		2468.727	170.0	
08:23:51		2547.652	170.0	
08:26:18		2635.389	170.0	
08:28:49		2717.726	170.0	
08:31:49		2791.236	170.0	
08:34:12		2873.236	170.0	
08:37:42		2957.358	170.0	
08:40:26		3044.256	170.0	
08:43:21		3134.587	170.0	
08:46:42		3219.043	170.0	
08:50:44		3305.302	170.0	
08:54:53		3398.761	170.0	
08:58:18		3506.453	170.0	

PRESSURE VS TIME

MECHANICAL gauge no.: 2171
Clock no.:

Hour:

Gauge Depth: 7048.34 ft
24

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS
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30-AUG-90

Data Print Frequency: 1

08:59:26		3414.448	170.0	
09:00:05		3449.581	170.0	
09:01:00		3452.523	170.0	
09:01:44		3452.686	170.0	
09:01:53		3452.850	170.0	
09:03:18		3451.379	170.0	
09:03:53		3505.309	170.0	
09:05:16		3509.232	170.0	
09:06:12		3500.079	170.0	
09:06:37		3490.927	170.0	
09:07:14		3507.597	170.0	
09:07:28		3467.557	170.0	
09:09:00		3462.655	170.0	
09:12:12		3460.857	170.0	
09:14:18		3460.040	170.0	
09:14:28		3428.501	170.0	
09:15:42		3424.252	170.0	
09:17:25		3420.984	170.0	
09:17:39		3381.604	170.0	
09:18:09		3439.450	170.0	
09:23:42		3440.757	170.0	
09:24:07		3459.386	170.0	
09:24:53		3464.616	170.0	
09:25:18		3488.639	170.0	
09:25:35		3462.982	170.0	
09:28:30		3459.713	170.0	
09:30:00				PRESSURE TEST SURFACE EQUIP.
09:32:32		3457.425	170.0	
09:39:00				OPEN MASTER VALVE
09:39:48		3457.098	170.0	
09:44:00				SET WEIGHT ON TOOL
09:45:56		3455.955	170.0	
09:51:44		3455.791	170.0	
09:54:00				TOOL OPEN-LOST ANNULUS
09:54:00				PICK UP TO STRING WEIGHT

*** Start of Period 1 ***

09:54:00	0.00	3455.791	170.0	
09:54:23	0.38	3518.874	170.0	
09:54:53	0.88	3505.799	170.0	
09:55:21	1.35	3521.489	170.0	
09:55:35	1.59	3506.290	170.0	
09:56:19	2.32	3486.188	170.0	
09:56:46	2.76	3499.426	170.0	
09:57:12	3.21	3487.659	170.0	
09:58:04	4.06	3464.943	170.0	
09:59:02	5.03	3460.040	170.0	

PRESSURE VS TIME

MECHANICAL gauge no.: 2171
Clock no.:

Hour:

Gauge Depth: 7048.34 ft
24

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

30-AUG-90				Data Print Frequency: 1
10:00:00				SET WEIGHT ON TOOL
10:00:14	6.24	3451.379	170.0	
10:02:28	8.47	3447.784	170.0	
10:06:00				TOOL OPEN-LOST ANNULUS
10:06:00				PICK UP TO STRING WEIGHT
10:07:11	13.18	3445.332	170.0	
10:11:37	17.62	3444.189	170.0	
10:15:58	21.97	3443.698	170.0	
10:16:58	22.97	3443.698	170.0	
10:17:14	23.24	3411.343	170.0	
10:17:23	23.38	3439.286	170.0	
10:17:39	23.65	3248.122	170.0	
10:18:21	24.35	3533.584	170.0	
10:18:39	24.65	3482.265	170.0	
10:19:32	25.53	3457.752	170.0	
10:21:46	27.76	3451.052	170.0	
10:24:46	30.76	3447.130	170.0	
10:26:28	32.47	3447.130	170.0	
10:26:53	32.88	2592.747	170.0	
10:28:23	34.38	2648.949	170.0	
10:29:12	35.21	2556.312	170.0	
10:29:55	35.91	3511.193	170.0	
10:29:58	35.97	3447.784	170.0	
10:30:00				RIG DOWN SURFACE EQUIPMENT
				*** End of Period 1 ***
10:31:26		3144.389	170.0	
10:32:53		3617.929	170.0	
10:35:28		3291.089	170.0	
10:38:19		3495.176	170.0	
10:40:00		3316.739	170.0	
10:41:23		3453.830	170.0	
10:44:21		3518.057	170.0	
10:45:35		3412.160	170.0	
10:46:46		3464.943	170.0	
10:47:42		3449.418	170.0	
10:51:32		3447.130	170.0	
10:52:23		3446.476	170.0	
10:52:41		3426.377	170.0	
10:57:32		3418.206	170.0	
10:57:49		3349.579	170.0	
10:58:30		3398.434	170.0	
10:59:32		3360.853	170.0	
11:00:00				PULL OUT OF HOLE
11:00:12		3436.998	170.0	
11:01:23		3340.103	170.0	
11:04:39		3297.787	170.0	

PRESSURE VS TIME

MECHANICAL gauge no.: 2171
Clock no.:

Gauge Depth: 7048.34 ft
24

Hour:

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS
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30-AUG-90				Data Print Frequency: 1
11:09:34		3237.176	170.0	
11:12:53		3176.406	170.0	
11:20:05		3134.751	170.0	
11:27:58		3103.714	170.0	
11:34:07		3053.730	170.0	
11:36:32		2984.636	170.0	
11:40:19		2927.630	170.0	
11:46:25		2864.743	170.0	
11:50:53		2791.073	170.0	
11:56:05		2730.795	170.0	
12:00:39		2660.222	170.0	
12:08:05		2642.251	170.0	
12:13:00		2575.102	170.0	
12:18:28		2505.985	170.0	
12:22:53		2435.716	170.0	
12:28:28		2366.091	170.0	
12:33:11		2299.071	170.0	
12:36:26		2218.469	170.0	
12:41:14		2138.502	170.0	
12:46:55		2074.875	170.0	
12:50:42		1996.671	170.0	
12:54:46		1928.103	170.0	
12:59:21		1844.617	170.0	
13:04:21		1780.919	170.0	
13:09:05		1710.486	170.0	
13:12:51		1644.783	170.0	
13:16:04		1580.370	170.0	
13:20:11		1487.564	170.0	
13:25:28		1418.502	170.0	
13:29:49		1338.087	170.0	
13:33:19		1266.830	170.0	
13:37:18		1195.212	170.0	
13:41:49		1123.396	170.0	
13:44:56		1042.005	170.0	
13:49:00		972.909	170.0	
13:52:55		906.412	170.0	
13:56:30		844.659	170.0	
13:59:19		780.898	170.0	
14:03:07		711.333	170.0	
14:07:00		643.212	170.0	
14:08:25		633.973	170.0	
14:21:04		629.022	170.0	
14:33:51		627.867	170.0	
14:48:42		626.712	170.0	
15:03:18		625.227	170.0	
15:06:26		567.128	170.0	

PRESSURE VS TIME

MECHANICAL gauge no.: 2171
Clock no.:

Hour:


Gauge Depth: 7048.34 ft
24

TIME HH:MM:SS	D TIME (min)	PRESSURE (psi)	TEMP (F)	COMMENTS
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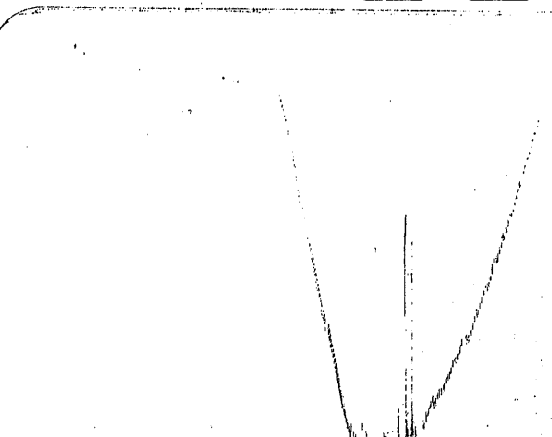
30-AUG-90

Data Print Frequency: 1

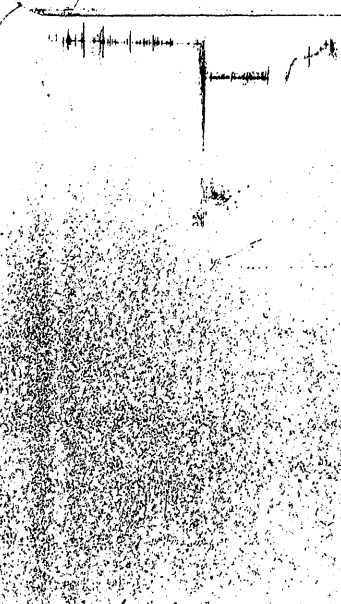
15:10:55		509.659	170.0	
15:15:26		465.051	170.0	
15:20:21		417.614	170.0	
15:27:02		393.475	170.0	
15:33:48		378.426	170.0	
15:36:26		350.307	170.0	
15:55:04		346.337	170.0	
16:10:23		341.208	170.0	
16:14:04		318.375	170.0	
16:16:12		354.112	170.0	
16:26:00		352.458	170.0	
16:27:35		337.237	170.0	
16:40:42		336.410	170.0	
16:44:12		286.764	170.0	
16:54:11		276.666	170.0	
16:58:23		241.895	170.0	
17:09:46		228.978	170.0	
17:15:14		211.420	170.0	
17:29:41		201.977	170.0	
17:35:42		187.066	170.0	
17:47:11		185.740	170.0	
17:51:34		163.203	170.0	
18:03:34		157.900	170.0	
18:06:46		202.971	170.0	
18:23:37		207.775	170.0	
18:34:51		207.775	170.0	
18:37:11		199.492	170.0	
18:38:16		146.463	170.0	
18:46:12		135.853	170.0	
18:47:21		70.680	170.0	
18:50:46		119.108	170.0	
18:57:04		97.385	170.0	
19:04:58		90.751	170.0	
19:11:56		81.628	170.0	
19:20:30		73.832	170.0	
19:22:05		29.861	170.0	
19:29:23		18.907	170.0	
19:30:09		27.040	170.0	
19:31:19		16.915	170.0	
19:32:34		14.591	170.0	
19:34:23		14.093	170.0	
19:34:42		14.093	170.0	



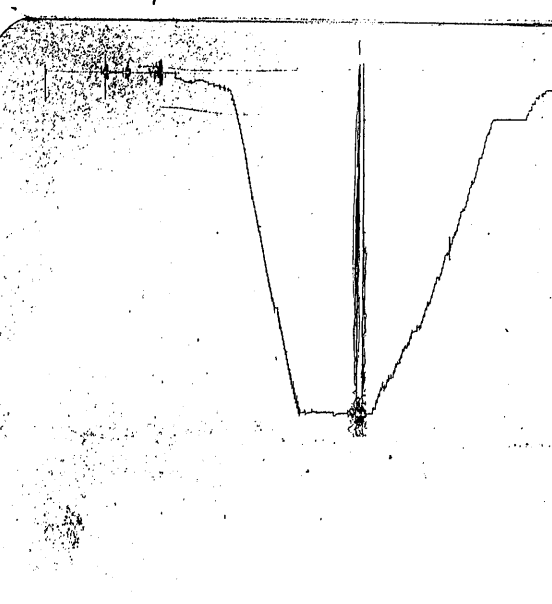
BT Flow DST #2
Fuel & Gas Exploration Pine Lodge #1
BT# 7483 CLOCK # 26743 48 HR.
H, # 359405



HYDROSTATIC DST #2
Fuel & Gas Exploration Pine Lodge #1
BT# 2171 CLOCK # 30075
H, # 359405



Flow Level DST #2
Fuel & Gas Exploration Pine Lodge #1
BT# 2170 CLOCK # 6783 48 HR.
H, # 359405



Top Flow DST #2
Fuel & Gas Exploration Pine Lodge #1
BT# 7984 CLOCK # 13446 24 HR.
H, # 359405