

DST REPORT

GENERAL INFORMATION

DATE : 9-20-95  
CUSTOMER : PETROGLYPH OPERATING CO.  
WELL : #15-20 TEST: 1  
ELEVATION: 1713 GL, 1726 KB  
SECTION : 20  
RANGE : 14W COUNTY: BARBER  
GAUGE SN#: 10270 RANGE : 4150

TICKET : 21102  
LEASE : HOEY  
GEOLOGIST: WILLIAMS  
FORMATION: MISSISSIPPI  
TOWNSHIP : 33S  
STATE : KS  
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4731.00 ft TO: 4763.00 ft TVD: 4763.0 ft  
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL  
DEPTH OF RECORDERS: 4755.0 ft 4758.0 ft  
TEMPERATURE: 0.0

DRILL COLLAR LENGTH:	540.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH :	4164.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	27.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	32.0 ft	ANCHOR SIZE:	5.500 in
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:	0.750 in
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :	4.5XH
PACKER DEPTH:	4726.0 ft	SIZE:	6.630 in
PACKER DEPTH:	4731.0 ft	SIZE:	6.630 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in

MUD INFORMATION

DRILLING CON. : DUKE DRILLING #5  
MUD TYPE : CHEMICAL  
WEIGHT : 9.200 ppg  
CHLORIDES : 4500 ppm  
JARS-MAKE : WTC  
DID WELL FLOW?: NO

VISCOSITY : 52.00 cp  
WATER LOSS: 9.600 cc

SERIAL NUMBER: 422  
REVERSED OUT?: NO

COMMENTS

Comment

MISRUN-PACKERS FAILED.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
420.0	0.0	0.0	0.0	100.0	MUD

RATE INFORMATION

OIL VOLUME: 0.0000 STB	TOTAL FLOW TIME: No Events Created
GAS VOLUME: 0.0000 SCF	AVERAGE OIL RATE: 0.0000 STB/D
MUD VOLUME: 2.0653 STB	AVERAGE WATER RATE: 0.0000 STB/D
WATER VOLUME: 0.0000 STB	
TOTAL FLUID : 2.0653 STB	

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE:	0.00		
Description	Duration	p1	p End
INITIAL FLOW	0.00	0.00	0.00
INITIAL SHUT-IN	0.00		0.00
FINAL FLOW	0.00	0.00	0.00
FINAL SHUT-IN	0.00		0.00
FINAL HYDROSTATIC PRESSURE:	0.00		

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE:	2358.00		
Description	Duration	p1	p End
No Events Created			
FINAL HYDROSTATIC PRESSURE:	2329.00		

**PRESSURE TRANSIENT REPORT**

**GENERAL INFORMATION**

DATE : 9-20-95  
 CUSTOMER : PETROGLYPH OPERATING CO.  
 WELL : #15-20 TEST: 1  
 ELEVATION: 1713 GL, 1726 KB  
 SECTION : 20  
 RANGE : 14W COUNTY: BARBER  
 GAUGE SN#: 10270 RANGE : 4150

TICKET : 21102  
 LEASE : HOEY  
 GEOLOGIST: WILLIAMS  
 FORMATION: MISSISSIPPI  
 TOWNSHIP : 33S  
 STATE : KS  
 CLOCK : 12

**INITIAL FLOW**

Time (min)	Pressure	Delta P
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**INITIAL SHUT IN**

Time (min)	Pressure	Delta P	Horner T
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**FINAL FLOW**

Time (min)	Pressure	Delta P
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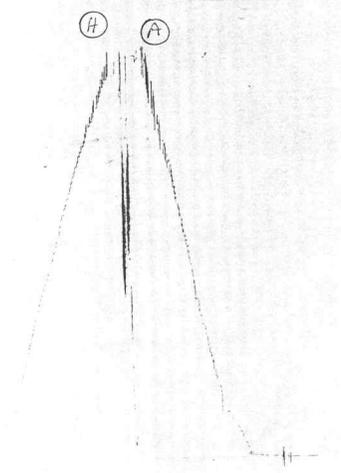
**FINAL SHUT IN**

Time (min)	Pressure	Delta P	Horner T
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No Data Entered

Ticket # 21102  
I

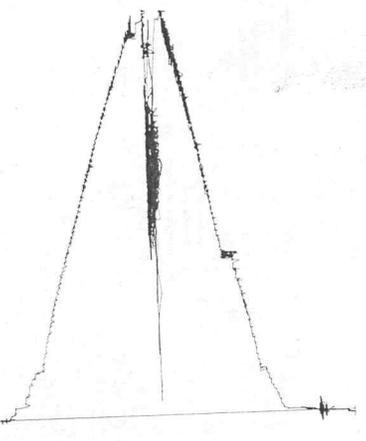
OST#  
10270



Inside Recorder

Ticket # 21102  
O

OST#  
13550



Outside Recorder

Company: PETROGLYPH OPERATING CO., INC  
Well Name: HOEY

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0001	95-09-21	02:00:00	1:00:00	1201.8	-----	100.3
0002		02:00:30	1:00:30	1145.5	-56.3	100.4
0003		02:01:00	1:01:00	1179.8	34.2	100.5
0004		02:01:30	1:01:30	1184.1	4.3	100.6
0005		02:02:00	1:02:00	1215.2	31.1	100.7
0006		02:02:30	1:02:30	1272.1	57.0	100.7
0007		02:03:00	1:03:00	1239.0	-33.2	100.8
0008		02:03:30	1:03:30	1262.9	23.9	100.9
0009		02:04:00	1:04:00	1262.0	-0.8	101.0
0010		02:04:30	1:04:30	1381.8	119.7	101.0
0011		02:05:00	1:05:00	1298.6	-83.1	101.1
0012		02:05:30	1:05:30	1369.7	71.0	101.2
0013		02:06:00	1:06:00	1321.3	-48.4	101.3
0014		02:06:30	1:06:30	1357.6	36.3	101.4
0015		02:07:00	1:07:00	1542.9	185.3	101.5
0016		02:07:30	1:07:30	1385.8	-157.1	101.5
0017		02:08:00	1:08:00	1492.0	106.2	101.7
0018		02:08:30	1:08:30	1435.6	-56.4	101.8
0019		02:09:00	1:09:00	1452.7	17.1	101.9
0020		02:09:30	1:09:30	1427.5	-25.2	102.0
0021		02:10:00	1:10:00	1477.3	49.8	102.2
0022		02:10:30	1:10:30	1653.9	176.6	102.3
0023		02:11:00	1:11:00	1521.9	-132.0	102.4
0024		02:11:30	1:11:30	1552.6	30.7	102.5
0025		02:12:00	1:12:00	1540.5	-12.1	102.7
0026		02:12:30	1:12:30	1655.1	114.6	102.8
0027		02:13:00	1:13:00	1602.7	-52.5	102.9
0028		02:13:30	1:13:30	1591.8	-10.9	103.0
0029		02:14:00	1:14:00	1690.1	98.3	103.1
0030		02:14:30	1:14:30	1630.1	-60.0	103.2
0031		02:15:00	1:15:00	1638.8	8.7	103.3
0032		02:15:30	1:15:30	1633.1	-5.7	103.5
0033		02:16:00	1:16:00	1749.7	116.6	103.6
0034		02:16:30	1:16:30	1695.7	-54.1	103.7
0035		02:17:00	1:17:00	1708.8	13.1	103.8
0036		02:17:30	1:17:30	1657.5	-51.3	103.9
0037		02:18:00	1:18:00	1723.0	65.5	104.0
0038		02:18:30	1:18:30	1804.4	81.4	104.2
0039		02:19:00	1:19:00	1766.0	-38.5	104.3
0040		02:19:30	1:19:30	1889.7	123.8	104.5
0041		02:20:00	1:20:00	1792.5	-97.2	104.6
0042		02:20:30	1:20:30	1901.5	109.0	104.7
0043		02:21:00	1:21:00	1807.1	-94.4	104.9
0044		02:21:30	1:21:30	1856.5	49.4	105.1
0045		02:22:00	1:22:00	2075.0	218.5	105.2
0046		02:22:30	1:22:30	1876.7	-198.3	105.4
0047		02:23:00	1:23:00	2003.2	126.5	105.5
0048		02:23:30	1:23:30	1951.6	-51.6	105.7
0049		02:24:00	1:24:00	2117.8	166.2	105.8

Company: PETROGLYPH OPERATING CO., INC  
Well Name: HOEY

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0050	95-09-21	02:24:30	1:24:30	1950.2	-167.6	106.0
0051		02:25:00	1:25:00	2097.9	147.8	106.1
0052		02:25:30	1:25:30	1975.1	-122.8	106.2
0053		02:26:00	1:26:00	1990.2	15.1	106.4
0054		02:26:30	1:26:30	2003.6	13.5	106.5
0055		02:27:00	1:27:00	2035.5	31.8	106.7
0056		02:27:30	1:27:30	2022.6	-12.9	106.9
0057		02:28:00	1:28:00	2072.4	49.9	107.0
0058		02:28:30	1:28:30	2059.1	-13.3	107.1
0059		02:29:00	1:29:00	2099.8	40.7	107.2
0060		02:29:30	1:29:30	2283.8	183.9	107.3
0061		02:30:00	1:30:00	2144.1	-139.7	107.5
0062		02:30:30	1:30:30	2291.2	147.1	107.6
0063		02:31:00	1:31:00	2165.8	-125.3	107.7
0064		02:31:30	1:31:30	2280.5	114.7	107.9
0065		02:32:00	1:32:00	2234.8	-45.7	108.1
0066		02:32:30	1:32:30	2218.2	-16.5	108.2
0067		02:33:00	1:33:00	2202.9	-15.3	108.4
0068		02:33:30	1:33:30	2189.6	-13.3	108.5
0069		02:34:00	1:34:00	2177.5	-12.1	108.6
0070		02:34:30	1:34:30	2167.5	-10.1	108.7
0071		02:35:00	1:35:00	2159.4	-8.0	108.7
0072		02:35:30	1:35:30	2152.6	-6.9	108.8
0073		02:36:00	1:36:00	2245.3	92.7	108.8
0074		02:36:30	1:36:30	2313.2	67.9	108.9
0075		02:37:00	1:37:00	2251.6	-61.7	109.0
0076		02:37:30	1:37:30	2196.7	-54.9	109.1
0077		02:38:00	1:38:00	2268.6	71.9	109.2
0078		02:38:30	1:38:30	2394.8	126.3	109.4
0079		02:39:00	1:39:00	2261.2	-133.6	109.5
0080		02:39:30	1:39:30	2320.3	59.1	109.6
0081		02:40:00	1:40:00	2304.6	-15.7	109.7
0082		02:40:30	1:40:30	2327.7	23.1	109.8
0083		02:41:00	1:41:00	2312.8	-14.9	109.9
0084		02:41:30	1:41:30	2342.7	29.9	110.0
0085		02:42:00	1:42:00	2328.3	-14.5	110.1
0086		02:42:30	1:42:30	2354.6	26.4	110.1
0087		02:43:00	1:43:00	2340.2	-14.4	110.2
0088		02:43:30	1:43:30	2371.3	31.1	110.2
0089		02:44:00	1:44:00	2356.0	-15.3	110.4
0090		02:44:30	1:44:30	2381.9	25.9	110.5
0091		02:45:00	1:45:00	2541.7	159.8	110.6
0092		02:45:30	1:45:30	2383.7	-158.0	110.7
0093		02:46:00	1:46:00	2368.8	-14.9	110.9
0094		02:46:30	1:46:30	2408.6	39.9	111.0
0095		02:47:00	1:47:00	2392.9	-15.7	111.2
0096		02:47:30	1:47:30	2421.1	28.2	111.3
0097		02:48:00	1:48:00	2405.3	-15.8	111.5
0098		02:48:30	1:48:30	2389.7	-15.7	111.7

Company: PETROGLYPH OPERATING CO., INC  
Well Name: HOEY

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0099	95-09-21	02:49:00	1:49:00	2375.9	-13.7	111.8
0100		02:49:30	1:49:30	2363.9	-12.1	111.9
0101		02:50:00	1:50:00	2353.4	-10.5	112.0
0102		02:50:30	1:50:30	2344.1	-9.2	112.1
0103		02:51:00	1:51:00	2337.3	-6.9	112.2
0104		02:51:30	1:51:30	2331.2	-6.0	112.2
0105		02:52:00	1:52:00	2326.0	-5.2	112.2
0106		02:52:30	1:52:30	2322.0	-4.0	112.3
0107		02:53:00	1:53:00	2325.1	3.2	112.3
0108		02:53:30	1:53:30	2375.4	50.3	112.4
0109		02:54:00	1:54:00	2359.8	-15.6	112.5
0110		02:54:30	1:54:30	2346.9	-12.9	112.5
0111		02:55:00	1:55:00	2375.2	28.3	112.6
0112		02:55:30	1:55:30	2408.8	33.5	112.7
0113		02:56:00	1:56:00	2392.7	-16.0	112.7
0114		02:56:30	1:56:30	2546.5	153.8	112.8
0115		02:57:00	1:57:00	2477.7	-68.8	112.8
0116		02:57:30	1:57:30	2471.3	-6.4	112.9
0117		02:58:00	1:58:00	2458.9	-12.5	113.0
0118		02:58:30	1:58:30	132.8	-2326.0	113.0
0119		02:59:00	1:59:00	106.4	-26.5	113.1
0120		02:59:30	1:59:30	94.4	-11.9	113.3
0121		03:00:00	2:00:00	85.3	-9.2	113.6
0122		03:00:30	2:00:30	87.5	2.3	113.9
0123		03:01:00	2:01:00	88.2	0.7	114.2
0124		03:01:30	2:01:30	89.7	1.5	114.5
0125		03:02:00	2:02:00	90.4	0.7	114.8
0126		03:02:30	2:02:30	98.2	7.8	115.1
0127		03:03:00	2:03:00	99.6	1.5	115.5
0128		03:03:30	2:03:30	100.3	0.7	115.8
0129		03:04:00	2:04:00	100.6	0.3	116.1
0130		03:04:30	2:04:30	100.5	-0.1	116.4
0131		03:05:00	2:05:00	101.6	1.1	116.7
0132		03:05:30	2:05:30	101.5	-0.1	116.8
0133		03:06:00	2:06:00	101.9	0.3	117.0
0134		03:06:30	2:06:30	103.4	1.5	117.2
0135		03:07:00	2:07:00	104.5	1.1	117.5
0136		03:07:30	2:07:30	106.8	2.3	117.6
0137		03:08:00	2:08:00	108.7	1.9	117.8
0138		03:08:30	2:08:30	110.6	1.9	118.0
0139		03:09:00	2:09:00	112.1	1.5	118.2
0140		03:09:30	2:09:30	113.2	1.1	118.4
0141		03:10:00	2:10:00	110.8	-2.4	118.6
0142		03:10:30	2:10:30	116.3	5.5	118.7
0143		03:11:00	2:11:00	117.4	1.1	118.9
0144		03:11:30	2:11:30	118.5	1.1	119.0
0145		03:12:00	2:12:00	120.1	1.5	119.2
0146		03:12:30	2:12:30	121.6	1.5	119.3
0147		03:13:00	2:13:00	122.7	1.1	119.5

Company: PETROGLYPH OPERATING CO., INC  
Well Name: HOEY

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0148	95-09-21	03:13:30	2:13:30	124.2	1.5	119.7
0149		03:14:00	2:14:00	125.7	1.5	119.8
0150		03:14:30	2:14:30	126.9	1.1	120.0
0151		03:15:00	2:15:00	128.4	1.5	120.2
0152		03:15:30	2:15:30	129.5	1.1	120.3
0153		03:16:00	2:16:00	131.5	1.9	120.4
0154		03:16:30	2:16:30	132.6	1.1	120.6
0155		03:17:00	2:17:00	134.1	1.5	120.7
0156		03:17:30	2:17:30	135.2	1.1	120.8
0157		03:18:00	2:18:00	136.8	1.5	121.0
0158		03:18:30	2:18:30	137.1	0.4	121.0
0159		03:19:00	2:19:00	137.9	0.8	121.1
0160		03:19:30	2:19:30	139.4	1.5	121.2
0161		03:20:00	2:20:00	141.0	1.5	121.3
0162		03:20:30	2:20:30	142.5	1.5	121.4
0163		03:21:00	2:21:00	143.7	1.1	121.5
0164		03:21:30	2:21:30	144.8	1.2	121.6
0165		03:22:00	2:22:00	146.0	1.1	121.7
0166		03:22:30	2:22:30	147.1	1.2	121.8
0167		03:23:00	2:23:00	148.7	1.5	121.9
0168		03:23:30	2:23:30	149.8	1.2	122.0
0169		03:24:00	2:24:00	151.4	1.6	122.0
0170		03:24:30	2:24:30	152.1	0.8	122.1
0171		03:25:00	2:25:00	153.7	1.6	122.1
0172		03:25:30	2:25:30	154.5	0.8	122.2
0173		03:26:00	2:26:00	156.0	1.6	122.2
0174		03:26:30	2:26:30	156.8	0.8	122.3
0175		03:27:00	2:27:00	157.6	0.8	122.3
0176		03:27:30	2:27:30	158.7	1.2	122.3
0177		03:28:00	2:28:00	159.5	0.8	122.4
0178		03:28:30	2:28:30	160.6	1.1	122.5
0179		03:29:00	2:29:00	161.8	1.2	122.5
0180		03:29:30	2:29:30	162.6	0.8	122.6
0181		03:30:00	2:30:00	163.3	0.8	122.6
0182		03:30:30	2:30:30	174.3	11.0	122.7
0183		03:31:00	2:31:00	191.6	17.3	122.7
0184		03:31:30	2:31:30	208.6	16.9	122.7
0185		03:32:00	2:32:00	226.3	17.7	122.7
0186		03:32:30	2:32:30	245.2	18.9	122.6
0187		03:33:00	2:33:00	264.9	19.7	122.6
0188		03:33:30	2:33:30	284.6	19.7	122.6
0189		03:34:00	2:34:00	305.1	20.5	122.6
0190		03:34:30	2:34:30	325.2	20.1	122.6
0191		03:35:00	2:35:00	344.9	19.7	122.6
0192		03:35:30	2:35:30	363.4	18.5	122.6
0193		03:36:00	2:36:00	381.1	17.7	122.6
0194		03:36:30	2:36:30	396.8	15.7	122.6
0195		03:37:00	2:37:00	411.4	14.6	122.6
0196		03:37:30	2:37:30	424.0	12.6	122.6

Company: PETROGLYPH OPERATING CO., INC  
Well Name: HOEY

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0197	95-09-21	03:38:00	2:38:00	435.0	11.0	122.7
0198		03:38:30	2:38:30	444.4	9.4	122.7
0199		03:39:00	2:39:00	452.7	8.2	122.7
0200		03:39:30	2:39:30	459.8	7.1	122.7
0201		03:40:00	2:40:00	465.7	5.9	122.7
0202		03:40:30	2:40:30	470.8	5.1	122.8
0203		03:41:00	2:41:00	475.1	4.3	122.8
0204		03:41:30	2:41:30	479.0	3.9	122.8
0205		03:42:00	2:42:00	482.6	3.5	122.8
0206		03:42:30	2:42:30	485.3	2.7	122.8
0207		03:43:00	2:43:00	488.1	2.8	122.8
0208		03:43:30	2:43:30	490.8	2.8	122.8
0209		03:44:00	2:44:00	493.2	2.4	122.8
0210		03:44:30	2:44:30	495.2	2.0	122.8
0211		03:45:00	2:45:00	497.1	2.0	122.8
0212		03:45:30	2:45:30	498.7	1.6	122.8
0213		03:46:00	2:46:00	500.3	1.6	122.8
0214		03:46:30	2:46:30	501.5	1.2	122.8
0215		03:47:00	2:47:00	502.6	1.2	122.8
0216		03:47:30	2:47:30	503.8	1.2	122.8
0217		03:48:00	2:48:00	505.0	1.2	122.8
0218		03:48:30	2:48:30	505.8	0.8	122.8
0219		03:49:00	2:49:00	506.6	0.8	122.7
0220		03:49:30	2:49:30	507.4	0.8	122.7
0221		03:50:00	2:50:00	508.2	0.8	122.7
0222		03:50:30	2:50:30	509.0	0.8	122.7
0223		03:51:00	2:51:00	509.8	0.8	122.6
0224		03:51:30	2:51:30	510.6	0.8	122.6
0225		03:52:00	2:52:00	511.0	0.4	122.6
0226		03:52:30	2:52:30	511.8	0.8	122.6
0227		03:53:00	2:53:00	512.2	0.4	122.6
0228		03:53:30	2:53:30	512.6	0.4	122.6
0229		03:54:00	2:54:00	513.0	0.4	122.6
0230		03:54:30	2:54:30	513.4	0.4	122.5
0231		03:55:00	2:55:00	513.8	0.4	122.5
0232		03:55:30	2:55:30	514.6	0.8	122.5
0233		03:56:00	2:56:00	515.0	0.4	122.5
0234		03:56:30	2:56:30	515.0	0.0	122.5
0235		03:57:00	2:57:00	515.4	0.4	122.5
0236		03:57:30	2:57:30	515.8	0.4	122.5
0237		03:58:00	2:58:00	516.2	0.4	122.5
0238		03:58:30	2:58:30	516.6	0.4	122.5
0239		03:59:00	2:59:00	517.0	0.4	122.5
0240		03:59:30	2:59:30	517.0	0.0	122.5
0241		04:00:00	3:00:00	517.4	0.4	122.5
0242		04:00:30	3:00:30	517.8	0.4	122.5
0243		04:01:00	3:01:00	517.8	0.0	122.4
0244		04:01:30	3:01:30	518.2	0.4	122.4
0245		04:02:00	3:02:00	518.6	0.4	122.4

Company: PETROGLYPH OPERATING CO., INC  
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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs) (delta)	Temp. (deg F)
0246	95-09-21	04:02:30	3:02:30	518.6	0.0
0247		04:03:00	3:03:00	519.0	0.4
0248		04:03:30	3:03:30	519.0	0.0
0249		04:04:00	3:04:00	519.4	0.4
0250		04:04:30	3:04:30	519.4	0.0
0251		04:05:00	3:05:00	519.4	0.0
0252		04:05:30	3:05:30	519.8	0.4
0253		04:06:00	3:06:00	519.8	0.0
0254		04:06:30	3:06:30	520.2	0.4
0255		04:07:00	3:07:00	520.2	0.0
0256		04:07:30	3:07:30	520.5	0.4
0257		04:08:00	3:08:00	520.5	0.0
0258		04:08:30	3:08:30	520.5	0.0
0259		04:09:00	3:09:00	520.9	0.4
0260		04:09:30	3:09:30	520.9	0.0
0261		04:10:00	3:10:00	521.3	0.4
0262		04:10:30	3:10:30	521.3	0.0
0263		04:11:00	3:11:00	521.4	0.0
0264		04:11:30	3:11:30	521.7	0.4
0265		04:12:00	3:12:00	521.7	0.0
0266		04:12:30	3:12:30	521.7	0.0
0267		04:13:00	3:13:00	521.7	0.0
0268		04:13:30	3:13:30	522.1	0.4
0269		04:14:00	3:14:00	522.1	0.0
0270		04:14:30	3:14:30	522.1	0.0
0271		04:15:00	3:15:00	522.1	0.0
0272		04:15:30	3:15:30	522.5	0.4
0273		04:16:00	3:16:00	522.5	0.0
0274		04:16:30	3:16:30	522.5	0.0
0275		04:17:00	3:17:00	522.5	0.0
0276		04:17:30	3:17:30	522.9	0.4
0277		04:18:00	3:18:00	522.9	0.0
0278		04:18:30	3:18:30	522.9	0.0
0279		04:19:00	3:19:00	522.9	0.0
0280		04:19:30	3:19:30	523.3	0.4
0281		04:20:00	3:20:00	523.3	0.0
0282		04:20:30	3:20:30	523.3	0.0
0283		04:21:00	3:21:00	523.3	0.0
0284		04:21:30	3:21:30	523.3	0.0
0285		04:22:00	3:22:00	523.7	0.4
0286		04:22:30	3:22:30	523.7	0.0
0287		04:23:00	3:23:00	523.7	0.0
0288		04:23:30	3:23:30	523.7	0.0
0289		04:24:00	3:24:00	523.7	0.0
0290		04:24:30	3:24:30	524.1	0.4
0291		04:25:00	3:25:00	524.1	0.0
0292		04:25:30	3:25:30	524.1	0.0
0293		04:26:00	3:26:00	524.1	0.0
0294		04:26:30	3:26:30	524.1	0.0

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs) (delta)	Temp. (deg F)
0295	95-09-21	04:27:00	3:27:00	524.5	0.4
0296		04:27:30	3:27:30	524.5	0.0
0297		04:28:00	3:28:00	524.5	0.0
0298		04:28:30	3:28:30	524.5	0.0
0299		04:29:00	3:29:00	524.5	0.0
0300		04:29:30	3:29:30	524.5	0.0
0301		04:30:00	3:30:00	253.2	-271.3
0302		04:30:30	3:30:30	189.8	-63.4
0303		04:31:00	3:31:00	176.5	-13.4
0304		04:31:30	3:31:30	175.3	-1.2
0305		04:32:00	3:32:00	176.0	0.8
0306		04:32:30	3:32:30	176.4	0.4
0307		04:33:00	3:33:00	177.5	1.1
0308		04:33:30	3:33:30	178.2	0.7
0309		04:34:00	3:34:00	179.3	1.1
0310		04:34:30	3:34:30	180.1	0.7
0311		04:35:00	3:35:00	180.8	0.7
0312		04:35:30	3:35:30	181.5	0.8
0313		04:36:00	3:36:00	182.3	0.8
0314		04:36:30	3:36:30	182.7	0.4
0315		04:37:00	3:37:00	184.2	1.5
0316		04:37:30	3:37:30	184.6	0.4
0317		04:38:00	3:38:00	186.1	1.5
0318		04:38:30	3:38:30	186.5	0.4
0319		04:39:00	3:39:00	187.2	0.8
0320		04:39:30	3:39:30	188.4	1.2
0321		04:40:00	3:40:00	188.8	0.4
0322		04:40:30	3:40:30	189.9	1.2
0323		04:41:00	3:41:00	191.1	1.2
0324		04:41:30	3:41:30	192.3	1.2
0325		04:42:00	3:42:00	192.6	0.4
0326		04:42:30	3:42:30	194.6	2.0
0327		04:43:00	3:43:00	195.4	0.8
0328		04:43:30	3:43:30	197.7	2.3
0329		04:44:00	3:44:00	198.5	0.8
0330		04:44:30	3:44:30	199.3	0.8
0331		04:45:00	3:45:00	201.2	2.0
0332		04:45:30	3:45:30	201.2	-0.0
0333		04:46:00	3:46:00	203.2	1.9
0334		04:46:30	3:46:30	203.6	0.4
0335		04:47:00	3:47:00	205.5	1.9
0336		04:47:30	3:47:30	205.9	0.4
0337		04:48:00	3:48:00	207.8	2.0
0338		04:48:30	3:48:30	208.6	0.8
0339		04:49:00	3:49:00	209.4	0.8
0340		04:49:30	3:49:30	210.2	0.8
0341		04:50:00	3:50:00	211.7	1.6
0342		04:50:30	3:50:30	212.1	0.4
0343		04:51:00	3:51:00	213.7	1.6

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (abs)	Pressure (delta)	Temp. (deg F)
0344	95-09-21	04:51:30	3:51:30	213.7	-0.0	124.6
0345		04:52:00	3:52:00	214.8	1.2	124.6
0346		04:52:30	3:52:30	215.6	0.8	124.6
0347		04:53:00	3:53:00	216.4	0.8	124.7
0348		04:53:30	3:53:30	218.0	1.6	124.7
0349		04:54:00	3:54:00	218.3	0.4	124.7
0350		04:54:30	3:54:30	219.9	1.6	124.8
0351		04:55:00	3:55:00	221.0	1.2	124.8
0352		04:55:30	3:55:30	221.8	0.8	124.8
0353		04:56:00	3:56:00	222.6	0.8	124.8
0354		04:56:30	3:56:30	223.8	1.2	124.9
0355		04:57:00	3:57:00	224.2	0.4	124.9
0356		04:57:30	3:57:30	224.9	0.8	124.9
0357		04:58:00	3:58:00	226.1	1.2	125.0
0358		04:58:30	3:58:30	226.9	0.8	125.0
0359		04:59:00	3:59:00	228.0	1.2	125.0
0360		04:59:30	3:59:30	228.8	0.8	125.0
0361		05:00:00	4:00:00	229.6	0.8	125.1
0362		05:00:30	4:00:30	230.0	0.4	125.1
0363		05:01:00	4:01:00	231.1	1.2	125.1
0364		05:01:30	4:01:30	231.9	0.8	125.1
0365		05:02:00	4:02:00	232.3	0.4	125.1
0366		05:02:30	4:02:30	233.1	0.8	125.2
0367		05:03:00	4:03:00	233.9	0.8	125.2
0368		05:03:30	4:03:30	234.6	0.8	125.2
0369		05:04:00	4:04:00	235.4	0.8	125.2
0370		05:04:30	4:04:30	236.2	0.8	125.3
0371		05:05:00	4:05:00	237.0	0.8	125.3
0372		05:05:30	4:05:30	238.1	1.2	125.3
0373		05:06:00	4:06:00	238.5	0.4	125.3
0374		05:06:30	4:06:30	239.3	0.8	125.4
0375		05:07:00	4:07:00	240.1	0.8	125.4
0376		05:07:30	4:07:30	241.2	1.2	125.4
0377		05:08:00	4:08:00	241.6	0.4	125.4
0378		05:08:30	4:08:30	242.4	0.8	125.4
0379		05:09:00	4:09:00	243.2	0.8	125.4
0380		05:09:30	4:09:30	244.0	0.8	125.5
0381		05:10:00	4:10:00	244.7	0.8	125.5
0382		05:10:30	4:10:30	245.1	0.4	125.5
0383		05:11:00	4:11:00	245.9	0.8	125.5
0384		05:11:30	4:11:30	247.1	1.2	125.6
0385		05:12:00	4:12:00	247.5	0.4	125.6
0386		05:12:30	4:12:30	248.6	1.2	125.6
0387		05:13:00	4:13:00	248.6	-0.0	125.6
0388		05:13:30	4:13:30	249.8	1.2	125.6
0389		05:14:00	4:14:00	250.6	0.8	125.7
0390		05:14:30	4:14:30	251.4	0.8	125.7
0391		05:15:00	4:15:00	252.2	0.8	125.7
0392		05:15:30	4:15:30	253.3	1.2	125.7

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs) (delta)	Temp. (deg F)	
0393	95-09-21	05:16:00	4:16:00	253.7	0.4	125.7
0394		05:16:30	4:16:30	254.5	0.8	125.7
0395		05:17:00	4:17:00	254.9	0.4	125.7
0396		05:17:30	4:17:30	255.7	0.8	125.7
0397		05:18:00	4:18:00	256.4	0.8	125.8
0398		05:18:30	4:18:30	256.8	0.4	125.8
0399		05:19:00	4:19:00	257.2	0.4	125.8
0400		05:19:30	4:19:30	258.4	1.2	125.8
0401		05:20:00	4:20:00	258.8	0.4	125.8
0402		05:20:30	4:20:30	259.6	0.8	125.8
0403		05:21:00	4:21:00	260.3	0.8	125.8
0404		05:21:30	4:21:30	261.1	0.8	125.9
0405		05:22:00	4:22:00	261.1	0.0	125.9
0406		05:22:30	4:22:30	262.3	1.2	125.9
0407		05:23:00	4:23:00	262.7	0.4	125.9
0408		05:23:30	4:23:30	263.4	0.8	125.9
0409		05:24:00	4:24:00	264.2	0.8	125.9
0410		05:24:30	4:24:30	265.4	1.2	125.9
0411		05:25:00	4:25:00	265.4	0.0	125.9
0412		05:25:30	4:25:30	266.2	0.8	126.0
0413		05:26:00	4:26:00	267.0	0.8	126.0
0414		05:26:30	4:26:30	267.8	0.8	126.0
0415		05:27:00	4:27:00	268.2	0.4	126.0
0416		05:27:30	4:27:30	268.9	0.8	126.0
0417		05:28:00	4:28:00	269.7	0.8	126.0
0418		05:28:30	4:28:30	270.5	0.8	126.0
0419		05:29:00	4:29:00	270.5	0.0	126.0
0420		05:29:30	4:29:30	271.7	1.2	126.0
0421		05:30:00	4:30:00	272.0	0.4	126.0
0422		05:30:30	4:30:30	275.2	3.1	126.0
0423		05:31:00	4:31:00	320.8	45.6	126.0
0424		05:31:30	4:31:30	353.5	32.7	126.0
0425		05:32:00	4:32:00	379.5	26.0	126.0
0426		05:32:30	4:32:30	399.9	20.4	126.1
0427		05:33:00	4:33:00	416.4	16.5	126.1
0428		05:33:30	4:33:30	429.4	13.0	126.1
0429		05:34:00	4:34:00	440.1	10.6	126.1
0430		05:34:30	4:34:30	448.7	8.7	126.1
0431		05:35:00	4:35:00	455.8	7.1	126.1
0432		05:35:30	4:35:30	461.7	5.9	126.1
0433		05:36:00	4:36:00	466.8	5.1	126.1
0434		05:36:30	4:36:30	471.1	4.3	126.1
0435		05:37:00	4:37:00	475.1	3.9	126.1
0436		05:37:30	4:37:30	478.6	3.5	126.1
0437		05:38:00	4:38:00	481.7	3.1	126.1
0438		05:38:30	4:38:30	484.5	2.7	126.2
0439		05:39:00	4:39:00	486.8	2.4	126.2
0440		05:39:30	4:39:30	488.8	2.0	126.2
0441		05:40:00	4:40:00	491.2	2.4	126.2

Company: PETROGLYPH OPERATING CO., INC  
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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0442	95-09-21	05:40:30	4:40:30	492.7	1.6	126.2
0443		05:41:00	4:41:00	494.3	1.6	126.2
0444		05:41:30	4:41:30	495.9	1.6	126.2
0445		05:42:00	4:42:00	497.5	1.6	126.2
0446		05:42:30	4:42:30	498.6	1.2	126.2
0447		05:43:00	4:43:00	499.8	1.2	126.2
0448		05:43:30	4:43:30	501.0	1.2	126.2
0449		05:44:00	4:44:00	501.8	0.8	126.2
0450		05:44:30	4:44:30	503.0	1.2	126.2
0451		05:45:00	4:45:00	503.8	0.8	126.2
0452		05:45:30	4:45:30	504.2	0.4	126.2
0453		05:46:00	4:46:00	505.3	1.2	126.2
0454		05:46:30	4:46:30	505.7	0.4	126.2
0455		05:47:00	4:47:00	506.5	0.8	126.2
0456		05:47:30	4:47:30	506.9	0.4	126.2
0457		05:48:00	4:48:00	507.7	0.8	126.2
0458		05:48:30	4:48:30	508.1	0.4	126.2
0459		05:49:00	4:49:00	508.9	0.8	126.2
0460		05:49:30	4:49:30	509.3	0.4	126.2
0461		05:50:00	4:50:00	509.7	0.4	126.1
0462		05:50:30	4:50:30	510.1	0.4	126.1
0463		05:51:00	4:51:00	510.5	0.4	126.1
0464		05:51:30	4:51:30	510.9	0.4	126.1
0465		05:52:00	4:52:00	511.3	0.4	126.1
0466		05:52:30	4:52:30	511.6	0.4	126.1
0467		05:53:00	4:53:00	512.0	0.4	126.1
0468		05:53:30	4:53:30	512.0	0.0	126.1
0469		05:54:00	4:54:00	512.5	0.4	126.1
0470		05:54:30	4:54:30	512.9	0.4	126.1
0471		05:55:00	4:55:00	513.2	0.4	126.1
0472		05:55:30	4:55:30	513.6	0.4	126.1
0473		05:56:00	4:56:00	513.6	0.0	126.1
0474		05:56:30	4:56:30	514.1	0.4	126.0
0475		05:57:00	4:57:00	514.1	0.0	126.0
0476		05:57:30	4:57:30	514.4	0.4	126.0
0477		05:58:00	4:58:00	514.8	0.4	126.0
0478		05:58:30	4:58:30	514.8	0.0	126.0
0479		05:59:00	4:59:00	515.2	0.4	126.0
0480		05:59:30	4:59:30	515.2	0.0	126.0
0481		06:00:00	5:00:00	515.6	0.4	126.0
0482		06:00:30	5:00:30	515.6	0.0	126.0
0483		06:01:00	5:01:00	516.0	0.4	126.0
0484		06:01:30	5:01:30	516.0	0.0	126.0
0485		06:02:00	5:02:00	516.0	0.0	126.0
0486		06:02:30	5:02:30	516.4	0.4	126.0
0487		06:03:00	5:03:00	516.4	0.0	126.0
0488		06:03:30	5:03:30	516.8	0.4	126.0
0489		06:04:00	5:04:00	516.8	0.0	126.0
0490		06:04:30	5:04:30	516.8	0.0	126.0

Company: PETROGLYPH OPERATING CO., INC  
Well Name: HOEY

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs) (delta)	Temp. (deg F)
0491	95-09-21	06:05:00	5:05:00	517.2	0.4 126.0
0492		06:05:30	5:05:30	517.2	0.0 126.0
0493		06:06:00	5:06:00	517.6	0.4 126.0
0494		06:06:30	5:06:30	517.6	0.0 126.0
0495		06:07:00	5:07:00	517.6	0.0 126.0
0496		06:07:30	5:07:30	518.0	0.4 126.0
0497		06:08:00	5:08:00	518.0	0.0 126.0
0498		06:08:30	5:08:30	518.0	0.0 126.0
0499		06:09:00	5:09:00	518.0	0.0 126.0
0500		06:09:30	5:09:30	518.4	0.4 126.0
0501		06:10:00	5:10:00	518.4	0.0 126.0
0502		06:10:30	5:10:30	518.4	0.0 125.9
0503		06:11:00	5:11:00	518.8	0.4 125.9
0504		06:11:30	5:11:30	518.8	0.0 125.9
0505		06:12:00	5:12:00	518.8	0.0 125.9
0506		06:12:30	5:12:30	518.8	0.0 125.9
0507		06:13:00	5:13:00	519.2	0.4 125.9
0508		06:13:30	5:13:30	519.2	0.0 125.9
0509		06:14:00	5:14:00	519.2	0.0 125.9
0510		06:14:30	5:14:30	519.2	0.0 125.9
0511		06:15:00	5:15:00	519.2	0.0 125.9
0512		06:15:30	5:15:30	519.6	0.4 125.9
0513		06:16:00	5:16:00	519.6	0.0 125.9
0514		06:16:30	5:16:30	519.6	0.0 125.9
0515		06:17:00	5:17:00	519.6	0.0 125.9
0516		06:17:30	5:17:30	520.0	0.4 125.9
0517		06:18:00	5:18:00	520.0	0.0 125.9
0518		06:18:30	5:18:30	520.0	0.0 125.9
0519		06:19:00	5:19:00	520.0	0.0 125.9
0520		06:19:30	5:19:30	520.0	0.0 125.9
0521		06:20:00	5:20:00	520.0	0.0 125.9
0522		06:20:30	5:20:30	520.4	0.4 125.9
0523		06:21:00	5:21:00	520.4	0.0 125.9
0524		06:21:30	5:21:30	520.4	0.0 125.9
0525		06:22:00	5:22:00	520.4	0.0 125.9
0526		06:22:30	5:22:30	520.5	0.0 125.8
0527		06:23:00	5:23:00	520.8	0.4 125.8
0528		06:23:30	5:23:30	520.8	0.0 125.8
0529		06:24:00	5:24:00	520.8	0.0 125.8
0530		06:24:30	5:24:30	520.8	0.0 125.8
0531		06:25:00	5:25:00	520.8	0.0 125.8
0532		06:25:30	5:25:30	521.2	0.4 125.8
0533		06:26:00	5:26:00	520.8	-0.4 125.8
0534		06:26:30	5:26:30	521.2	0.4 125.8
0535		06:27:00	5:27:00	521.2	0.0 125.8
0536		06:27:30	5:27:30	521.2	0.0 125.8
0537		06:28:00	5:28:00	521.2	0.0 125.8
0538		06:28:30	5:28:30	521.2	0.0 125.8
0539		06:29:00	5:29:00	521.2	0.0 125.8

Company: PETROGLYPH OPERATING CO., INC  
Well Name: HOEY

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs) (delta)	Temp. (deg F)	
0540	95-09-21	06:29:30	5:29:30	521.6	0.4	125.8
0541		06:30:00	5:30:00	521.6	0.0	125.8
0542		06:30:30	5:30:30	521.6	0.0	125.8
0543		06:31:00	5:31:00	521.7	0.0	125.8
0544		06:31:30	5:31:30	521.7	0.0	125.8
0545		06:32:00	5:32:00	521.7	0.0	125.8
0546		06:32:30	5:32:30	521.7	0.0	125.8
0547		06:33:00	5:33:00	522.0	0.4	125.8
0548		06:33:30	5:33:30	522.1	0.0	125.7
0549		06:34:00	5:34:00	522.1	0.0	125.7
0550		06:34:30	5:34:30	522.1	0.0	125.7
0551		06:35:00	5:35:00	522.1	0.0	125.7
0552		06:35:30	5:35:30	522.1	0.0	125.7
0553		06:36:00	5:36:00	522.1	0.0	125.7
0554		06:36:30	5:36:30	522.1	0.0	125.7
0555		06:37:00	5:37:00	522.5	0.4	125.7
0556		06:37:30	5:37:30	522.5	0.0	125.7
0557		06:38:00	5:38:00	522.5	0.0	125.7
0558		06:38:30	5:38:30	522.5	0.0	125.7
0559		06:39:00	5:39:00	522.5	0.0	125.7
0560		06:39:30	5:39:30	522.5	0.0	125.7
0561		06:40:00	5:40:00	522.5	0.0	125.7
0562		06:40:30	5:40:30	522.5	0.0	125.7
0563		06:41:00	5:41:00	522.5	0.0	125.7
0564		06:41:30	5:41:30	522.9	0.4	125.7
0565		06:42:00	5:42:00	522.9	0.0	125.7
0566		06:42:30	5:42:30	522.9	0.0	125.7
0567		06:43:00	5:43:00	522.9	0.0	125.7
0568		06:43:30	5:43:30	522.9	0.0	125.7
0569		06:44:00	5:44:00	522.9	0.0	125.7
0570		06:44:30	5:44:30	522.9	0.0	125.7
0571		06:45:00	5:45:00	522.9	0.0	125.7
0572		06:45:30	5:45:30	522.9	0.0	125.7
0573		06:46:00	5:46:00	522.9	0.0	125.7
0574		06:46:30	5:46:30	522.9	0.0	125.7
0575		06:47:00	5:47:00	523.3	0.4	125.7
0576		06:47:30	5:47:30	522.9	-0.4	125.7
0577		06:48:00	5:48:00	523.3	0.4	125.7
0578		06:48:30	5:48:30	523.3	0.0	125.7
0579		06:49:00	5:49:00	523.3	0.0	125.7
0580		06:49:30	5:49:30	523.3	0.0	125.7
0581		06:50:00	5:50:00	523.3	0.0	125.7
0582		06:50:30	5:50:30	523.3	0.0	125.7
0583		06:51:00	5:51:00	523.3	0.0	125.7
0584		06:51:30	5:51:30	523.7	0.4	125.7
0585		06:52:00	5:52:00	523.7	0.0	125.7
0586		06:52:30	5:52:30	523.7	0.0	125.7
0587		06:53:00	5:53:00	523.7	0.0	125.7
0588		06:53:30	5:53:30	523.7	0.0	125.7

Company: PETROGLYPH OPERATING CO., INC  
Well Name: HOEY

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0589	95-09-21	06:54:00	5:54:00	523.7	0.0	125.7
0590		06:54:30	5:54:30	523.7	0.0	125.7
0591		06:55:00	5:55:00	523.7	0.0	125.7
0592		06:55:30	5:55:30	523.7	0.0	125.7
0593		06:56:00	5:56:00	523.7	0.0	125.7
0594		06:56:30	5:56:30	523.7	0.0	125.7
0595		06:57:00	5:57:00	523.7	0.0	125.7
0596		06:57:30	5:57:30	523.7	0.0	125.7
0597		06:58:00	5:58:00	523.7	0.0	125.7
0598		06:58:30	5:58:30	524.1	0.4	125.7
0599		06:59:00	5:59:00	524.1	0.0	125.7
0600		06:59:30	5:59:30	523.7	-0.4	125.7
0601		07:00:00	6:00:00	524.1	0.4	125.7
0602		07:00:30	6:00:30	524.1	0.0	125.7
0603		07:01:00	6:01:00	524.1	0.0	125.7
0604		07:01:30	6:01:30	524.1	0.0	125.7
0605		07:02:00	6:02:00	524.1	0.0	125.7
0606		07:02:30	6:02:30	524.1	0.0	125.7
0607		07:03:00	6:03:00	524.1	0.0	125.7
0608		07:03:30	6:03:30	2342.4	1818.3	125.7
0609		07:04:00	6:04:00	2326.0	-16.4	125.8
0610		07:04:30	6:04:30	2327.4	1.5	125.9
0611		07:05:00	6:05:00	2342.1	14.7	126.0
0612		07:05:30	6:05:30	2325.8	-16.3	126.0
0613		07:06:00	6:06:00	2322.2	-3.5	126.0
0614		07:06:30	6:06:30	2320.7	-1.5	125.9
0615		07:07:00	6:07:00	2318.4	-2.3	125.8
0616		07:07:30	6:07:30	2317.6	-0.8	125.7
0617		07:08:00	6:08:00	2316.1	-1.6	125.7
0618		07:08:30	6:08:30	2314.6	-1.5	125.6
0619		07:09:00	6:09:00	2313.9	-0.7	125.5
0620		07:09:30	6:09:30	2312.8	-1.1	125.4
0621		07:10:00	6:10:00	2263.0	-49.7	125.3
0622		07:10:30	6:10:30	2425.7	162.6	125.2
0623		07:11:00	6:11:00	2344.5	-81.2	125.1
0624		07:11:30	6:11:30	2304.7	-39.7	125.0
0625		07:12:00	6:12:00	2288.5	-16.2	124.9
0626		07:12:30	6:12:30	2293.8	5.3	124.8
0627		07:13:00	6:13:00	2294.3	0.5	124.7
0628		07:13:30	6:13:30	2293.5	-0.8	124.6
0629		07:14:00	6:14:00	2291.6	-1.9	124.5
0630		07:14:30	6:14:30	2228.7	-62.9	124.5
0631		07:15:00	6:15:00	2324.1	95.4	124.3
0632		07:15:30	6:15:30	2205.5	-118.5	124.1
0633		07:16:00	6:16:00	2284.3	78.8	123.8
0634		07:16:30	6:16:30	2251.9	-32.4	123.4
0635		07:17:00	6:17:00	2147.0	-104.9	123.0
0636		07:17:30	6:17:30	2213.2	66.2	122.5
0637		07:18:00	6:18:00	2105.1	-108.1	122.1

Company: PETROGLYPH OPERATING CO., INC  
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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs) (delta)	Temp. (deg F)	
0638	95-09-21	07:18:30	6:18:30	2170.5	65.4	121.6
0639		07:19:00	6:19:00	2060.9	-109.7	121.1
0640		07:19:30	6:19:30	2127.2	66.3	120.5
0641		07:20:00	6:20:00	2046.7	-80.5	119.8
0642		07:20:30	6:20:30	2111.8	65.1	119.2
0643		07:21:00	6:21:00	2037.7	-74.1	118.6
0644		07:21:30	6:21:30	2107.4	69.7	118.2
0645		07:22:00	6:22:00	2023.6	-83.9	117.8
0646		07:22:30	6:22:30	2094.9	71.3	117.4
0647		07:23:00	6:23:00	2008.0	-87.0	116.9
0648		07:23:30	6:23:30	2079.7	71.8	116.4
0649		07:24:00	6:24:00	2002.4	-77.4	115.9
0650		07:24:30	6:24:30	2070.5	68.1	115.5
0651		07:25:00	6:25:00	1997.4	-73.1	115.1
0652		07:25:30	6:25:30	2065.9	68.5	114.7
0653		07:26:00	6:26:00	1962.8	-103.0	114.4
0654		07:26:30	6:26:30	2034.1	71.2	114.1
0655		07:27:00	6:27:00	2005.6	-28.5	113.8
0656		07:27:30	6:27:30	2001.0	-4.6	113.5
0657		07:28:00	6:28:00	1986.5	-14.5	113.2
0658		07:28:30	6:28:30	1915.8	-70.7	112.9
0659		07:29:00	6:29:00	1959.9	44.2	112.5
0660		07:29:30	6:29:30	1947.8	-12.1	112.1
0661		07:30:00	6:30:00	1925.4	-22.5	111.7
0662		07:30:30	6:30:30	1912.5	-12.9	111.4
0663		07:31:00	6:31:00	1897.2	-15.3	111.0
0664		07:31:30	6:31:30	1885.9	-11.3	110.7
0665		07:32:00	6:32:00	1865.0	-20.9	110.4
0666		07:32:30	6:32:30	1849.2	-15.7	110.1
0667		07:33:00	6:33:00	1787.6	-61.7	109.8
0668		07:33:30	6:33:30	1820.9	33.3	109.5
0669		07:34:00	6:34:00	1803.6	-17.4	109.2
0670		07:34:30	6:34:30	1708.7	-94.8	109.0
0671		07:35:00	6:35:00	1783.6	74.9	108.7
0672		07:35:30	6:35:30	1696.8	-86.8	108.4
0673		07:36:00	6:36:00	1699.4	2.6	108.1
0674		07:36:30	6:36:30	1732.3	32.9	107.8
0675		07:37:00	6:37:00	1611.9	-120.4	107.5
0676		07:37:30	6:37:30	1701.5	89.7	107.2
0677		07:38:00	6:38:00	1600.3	-101.3	107.0
0678		07:38:30	6:38:30	1667.1	66.9	106.7
0679		07:39:00	6:39:00	1566.3	-100.9	106.5
0680		07:39:30	6:39:30	1635.6	69.3	106.2
0681		07:40:00	6:40:00	1535.5	-100.1	105.9
0682		07:40:30	6:40:30	1601.2	65.7	105.6
0683		07:41:00	6:41:00	1579.5	-21.7	105.2
0684		07:41:30	6:41:30	1569.3	-10.2	104.9
0685		07:42:00	6:42:00	1476.1	-93.2	104.6
0686		07:42:30	6:42:30	1541.0	64.9	104.3

Company: PETROGLYPH OPERATING CO., INC  
Well Name: HOEY

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs) (delta)	Temp. (deg F)	
0687	95-09-21	07:43:00	6:43:00	1521.6	-19.4	104.0
0688		07:43:30	6:43:30	1432.0	-89.6	103.7
0689		07:44:00	6:44:00	1487.6	55.7	103.5
0690		07:44:30	6:44:30	1388.0	-99.7	103.2
0691		07:45:00	6:45:00	1450.4	62.5	103.0
0692		07:45:30	6:45:30	1429.0	-21.4	102.8
0693		07:46:00	6:46:00	1326.1	-102.9	102.6
0694		07:46:30	6:46:30	1393.3	67.3	102.3
0695		07:47:00	6:47:00	1304.8	-88.5	102.1
0696		07:47:30	6:47:30	1360.9	56.0	101.9
0697		07:48:00	6:48:00	1266.0	-94.9	101.7
0698		07:48:30	6:48:30	1328.7	62.7	101.5
0699		07:49:00	6:49:00	1233.9	-94.8	101.3
0700		07:49:30	6:49:30	1297.4	63.5	101.1
0701		07:50:00	6:50:00	1277.6	-19.9	101.0
0702		07:50:30	6:50:30	1267.7	-9.8	100.8
0703		07:51:00	6:51:00	1242.7	-25.0	100.6
0704		07:51:30	6:51:30	1140.3	-102.4	100.5
0705		07:52:00	6:52:00	1206.2	65.9	100.3
0706		07:52:30	6:52:30	1117.0	-89.2	100.1
0707		07:53:00	6:53:00	1173.3	56.3	99.9
0708		07:53:30	6:53:30	1145.1	-28.2	99.7
0709		07:54:00	6:54:00	1059.4	-85.7	99.5
0710		07:54:30	6:54:30	1113.0	53.5	99.4
0711		07:55:00	6:55:00	1036.5	-76.5	99.3
0712		07:55:30	6:55:30	1080.4	43.9	99.2
0713		07:56:00	6:56:00	1055.3	-25.1	99.0
0714		07:56:30	6:56:30	1048.6	-6.7	98.9
0715		07:57:00	6:57:00	1017.7	-30.9	98.7
0716		07:57:30	6:57:30	941.0	-76.7	98.6
0717		07:58:00	6:58:00	986.5	45.5	98.3
0718		07:58:30	6:58:30	899.9	-86.6	98.1
0719		07:59:00	6:59:00	952.9	53.1	97.8
0720		07:59:30	6:59:30	922.9	-30.1	97.5
0721		08:00:00	7:00:00	853.4	-69.5	97.1
0722		08:00:30	7:00:30	889.8	36.4	96.7
0723		08:01:00	7:01:00	863.8	-26.1	96.3
0724		08:01:30	7:01:30	810.2	-53.6	96.0
0725		08:02:00	7:02:00	827.5	17.3	95.7
0726		08:02:30	7:02:30	751.6	-75.9	95.3
0727		08:03:00	7:03:00	794.8	43.2	95.0
0728		08:03:30	7:03:30	766.2	-28.5	94.7
0729		08:04:00	7:04:00	762.8	-3.4	94.4
0730		08:04:30	7:04:30	691.7	-71.2	94.1
0731		08:05:00	7:05:00	732.4	40.7	93.9
0732		08:05:30	7:05:30	704.2	-28.2	93.7
0733		08:06:00	7:06:00	699.9	-4.3	93.4
0734		08:06:30	7:06:30	669.8	-30.2	93.2
0735		08:07:00	7:07:00	628.4	-41.3	93.0

Company: PETROGLYPH OPERATING CO., INC  
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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0736	95-09-21	08:07:30	7:07:30	635.3	6.9	92.8
0737		08:08:00	7:08:00	631.4	-3.9	92.6
0738		08:08:30	7:08:30	607.6	-23.8	92.5
0739		08:09:00	7:09:00	604.0	-3.5	92.3
0740		08:09:30	7:09:30	575.8	-28.2	92.2
0741		08:10:00	7:10:00	571.9	-3.9	92.1
0742		08:10:30	7:10:30	545.2	-26.6	92.0
0743		08:11:00	7:11:00	507.2	-38.1	91.9
0744		08:11:30	7:11:30	514.4	7.2	91.8
0745		08:12:00	7:12:00	465.6	-48.8	91.7
0746		08:12:30	7:12:30	483.1	17.5	91.7
0747		08:13:00	7:13:00	427.5	-55.5	91.6
0748		08:13:30	7:13:30	449.8	22.2	91.5
0749		08:14:00	7:14:00	419.6	-30.2	91.5
0750		08:14:30	7:14:30	418.1	-1.6	91.5
0751		08:15:00	7:15:00	385.9	-32.1	91.5
0752		08:15:30	7:15:30	384.3	-1.6	91.5
0753		08:16:00	7:16:00	356.5	-27.8	91.5
0754		08:16:30	7:16:30	354.6	-2.0	91.5
0755		08:17:00	7:17:00	324.8	-29.8	91.5
0756		08:17:30	7:17:30	299.4	-25.4	91.6
0757		08:18:00	7:18:00	319.6	20.2	91.7
0758		08:18:30	7:18:30	293.0	-26.6	91.7
0759		08:19:00	7:19:00	289.4	-3.6	91.8
0760		08:19:30	7:19:30	289.7	0.4	91.8
0761		08:20:00	7:20:00	296.1	6.3	91.9
0762		08:20:30	7:20:30	289.3	-6.8	91.9
0763		08:21:00	7:21:00	291.7	2.4	92.0
0764		08:21:30	7:21:30	289.3	-2.4	92.0
0765		08:22:00	7:22:00	289.3	0.0	92.0
0766		08:22:30	7:22:30	289.7	0.4	92.0
0767		08:23:00	7:23:00	289.3	-0.4	92.0
0768		08:23:30	7:23:30	289.3	0.0	92.0
0769		08:24:00	7:24:00	289.7	0.4	92.0
0770		08:24:30	7:24:30	289.3	-0.4	92.0
0771		08:25:00	7:25:00	289.3	0.0	92.0
0772		08:25:30	7:25:30	289.3	0.0	92.0
0773		08:26:00	7:26:00	289.3	0.0	92.0
0774		08:26:30	7:26:30	289.3	0.0	92.0
0775		08:27:00	7:27:00	288.9	-0.4	92.0
0776		08:27:30	7:27:30	289.3	0.4	92.0
0777		08:28:00	7:28:00	288.5	-0.8	92.0
0778		08:28:30	7:28:30	288.9	0.4	92.0
0779		08:29:00	7:29:00	288.9	0.0	92.0
0780		08:29:30	7:29:30	288.5	-0.4	92.0
0781		08:30:00	7:30:00	288.5	0.0	92.0
0782		08:30:30	7:30:30	288.5	0.0	92.0
0783		08:31:00	7:31:00	288.5	0.0	92.0
0784		08:31:30	7:31:30	288.5	0.0	92.0

Company: PETROGLYPH OPERATING CO., INC  
Well Name: HOEY

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0785	95-09-21	08:32:00	7:32:00	288.1	-0.4	92.0
0786		08:32:30	7:32:30	288.1	0.0	92.0
0787		08:33:00	7:33:00	287.7	-0.4	92.0
0788		08:33:30	7:33:30	287.7	0.0	92.0
0789		08:34:00	7:34:00	287.7	0.0	92.0
0790		08:34:30	7:34:30	287.3	-0.4	92.0
0791		08:35:00	7:35:00	287.3	0.0	92.0
0792		08:35:30	7:35:30	287.3	0.0	92.0
0793		08:36:00	7:36:00	286.9	-0.4	92.0
0794		08:36:30	7:36:30	286.9	0.0	92.0
0795		08:37:00	7:37:00	286.9	0.0	92.0
0796		08:37:30	7:37:30	286.5	-0.4	92.0
0797		08:38:00	7:38:00	286.5	0.0	92.0
0798		08:38:30	7:38:30	286.5	0.0	92.0
0799		08:39:00	7:39:00	286.1	-0.4	92.0
0800		08:39:30	7:39:30	286.1	0.0	92.0
0801		08:40:00	7:40:00	285.7	-0.4	92.0
0802		08:40:30	7:40:30	285.7	0.0	92.0
0803		08:41:00	7:41:00	285.7	0.0	92.0
0804		08:41:30	7:41:30	285.3	-0.4	92.0
0805		08:42:00	7:42:00	278.6	-6.7	92.0
0806		08:42:30	7:42:30	272.6	-6.0	92.0
0807		08:43:00	7:43:00	278.2	5.6	92.0
0808		08:43:30	7:43:30	289.3	11.1	92.0
0809		08:44:00	7:44:00	289.3	0.0	92.0
0810		08:44:30	7:44:30	289.7	0.4	92.0
0811		08:45:00	7:45:00	288.9	-0.8	92.0
0812		08:45:30	7:45:30	289.3	0.4	92.0
0813		08:46:00	7:46:00	288.9	-0.4	92.0
0814		08:46:30	7:46:30	289.3	0.4	92.0
0815		08:47:00	7:47:00	288.9	-0.4	92.0
0816		08:47:30	7:47:30	288.9	0.0	92.0
0817		08:48:00	7:48:00	288.9	0.0	92.0
0818		08:48:30	7:48:30	288.9	0.0	92.0
0819		08:49:00	7:49:00	288.9	0.0	92.0
0820		08:49:30	7:49:30	288.9	0.0	92.0
0821		08:50:00	7:50:00	288.9	0.0	92.0
0822		08:50:30	7:50:30	288.9	0.0	92.0
0823		08:51:00	7:51:00	288.9	0.0	92.0
0824		08:51:30	7:51:30	288.9	0.0	91.9
0825		08:52:00	7:52:00	288.9	0.0	91.9
0826		08:52:30	7:52:30	288.9	0.0	91.9
0827		08:53:00	7:53:00	288.9	0.0	91.9
0828		08:53:30	7:53:30	288.9	0.0	91.9
0829		08:54:00	7:54:00	288.5	-0.4	91.9
0830		08:54:30	7:54:30	288.9	0.4	91.9
0831		08:55:00	7:55:00	284.5	-4.4	91.9
0832		08:55:30	7:55:30	292.9	8.3	91.9
0833		08:56:00	7:56:00	294.1	1.2	91.9

Company: PETROGLYPH OPERATING CO., INC  
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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0834	95-09-21	08:56:30	7:56:30	290.1	-4.0	91.8
0835		08:57:00	7:57:00	289.8	-0.4	91.8
0836		08:57:30	7:57:30	289.8	0.0	91.7
0837		08:58:00	7:58:00	289.8	0.0	91.7
0838		08:58:30	7:58:30	294.5	4.8	91.7
0839		08:59:00	7:59:00	293.0	-1.6	91.7
0840		08:59:30	7:59:30	292.2	-0.8	91.6
0841		09:00:00	8:00:00	289.0	-3.2	91.6
0842		09:00:30	8:00:30	289.0	0.0	91.6
0843		09:01:00	8:01:00	289.1	0.0	91.5
0844		09:01:30	8:01:30	289.1	0.0	91.5
0845		09:02:00	8:02:00	289.1	0.0	91.5
0846		09:02:30	8:02:30	289.1	0.0	91.5
0847		09:03:00	8:03:00	289.1	0.0	91.5
0848		09:03:30	8:03:30	289.1	0.0	91.5
0849		09:04:00	8:04:00	289.1	0.0	91.5
0850		09:04:30	8:04:30	288.7	-0.4	91.5
0851		09:05:00	8:05:00	289.1	0.4	91.5
0852		09:05:30	8:05:30	288.7	-0.4	91.4
0853		09:06:00	8:06:00	291.1	2.4	91.4
0854		09:06:30	8:06:30	293.9	2.8	91.4
0855		09:07:00	8:07:00	289.5	-4.3	91.4
0856		09:07:30	8:07:30	289.1	-0.4	91.3
0857		09:08:00	8:08:00	289.1	0.0	91.3
0858		09:08:30	8:08:30	298.7	9.5	91.3
0859		09:09:00	8:09:00	297.1	-1.6	91.2
0860		09:09:30	8:09:30	295.1	-2.0	91.2
0861		09:10:00	8:10:00	290.4	-4.8	91.2
0862		09:10:30	8:10:30	289.2	-1.2	91.2
0863		09:11:00	8:11:00	289.2	0.0	91.1
0864		09:11:30	8:11:30	289.2	0.0	91.1
0865		09:12:00	8:12:00	289.2	0.0	91.1
0866		09:12:30	8:12:30	289.2	0.0	91.1
0867		09:13:00	8:13:00	289.2	0.0	91.1
0868		09:13:30	8:13:30	289.2	0.0	91.1
0869		09:14:00	8:14:00	289.2	0.0	91.0
0870		09:14:30	8:14:30	289.2	0.0	91.0
0871		09:15:00	8:15:00	288.8	-0.4	91.0
0872		09:15:30	8:15:30	288.8	0.0	91.0
0873		09:16:00	8:16:00	288.8	0.0	91.0
0874		09:16:30	8:16:30	288.9	0.0	91.0
0875		09:17:00	8:17:00	288.9	0.0	91.0
0876		09:17:30	8:17:30	288.9	0.0	91.0
0877		09:18:00	8:18:00	288.9	0.0	91.0
0878		09:18:30	8:18:30	288.9	0.0	91.0
0879		09:19:00	8:19:00	288.9	0.0	91.0
0880		09:19:30	8:19:30	288.9	0.0	91.0
0881		09:20:00	8:20:00	288.9	0.0	91.0
0882		09:20:30	8:20:30	288.9	0.0	91.0

Company: PETROGLYPH OPERATING CO., INC  
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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0883	95-09-21	09:21:00	8:21:00	288.5	-0.4	91.0
0884		09:21:30	8:21:30	288.9	0.4	91.0
0885		09:22:00	8:22:00	288.5	-0.4	91.0
0886		09:22:30	8:22:30	288.5	0.0	91.0
0887		09:23:00	8:23:00	288.9	0.4	91.0
0888		09:23:30	8:23:30	288.5	-0.4	91.0
0889		09:24:00	8:24:00	288.5	0.0	91.0
0890		09:24:30	8:24:30	288.5	0.0	91.0
0891		09:25:00	8:25:00	295.2	6.7	91.0
0892		09:25:30	8:25:30	293.7	-1.6	90.9
0893		09:26:00	8:26:00	290.9	-2.8	90.9
0894		09:26:30	8:26:30	296.9	6.0	90.9
0895		09:27:00	8:27:00	295.7	-1.2	90.9
0896		09:27:30	8:27:30	290.5	-5.1	90.8
0897		09:28:00	8:28:00	289.7	-0.8	90.8
0898		09:28:30	8:28:30	289.7	0.0	90.8
0899		09:29:00	8:29:00	289.7	0.0	90.8
0900		09:29:30	8:29:30	289.7	0.0	90.8
0901		09:30:00	8:30:00	289.7	0.0	90.8
0902		09:30:30	8:30:30	289.3	-0.4	90.8
0903		09:31:00	8:31:00	289.7	0.4	90.8
0904		09:31:30	8:31:30	289.3	-0.4	90.8
0905		09:32:00	8:32:00	289.7	0.4	90.8
0906		09:32:30	8:32:30	308.4	18.7	90.8
0907		09:33:00	8:33:00	305.6	-2.8	90.8
0908		09:33:30	8:33:30	306.4	0.8	90.8
0909		09:34:00	8:34:00	306.4	0.0	90.8
0910		09:34:30	8:34:30	302.8	-3.6	90.8
0911		09:35:00	8:35:00	304.4	1.6	90.8
0912		09:35:30	8:35:30	301.6	-2.8	90.8
0913		09:36:00	8:36:00	304.8	3.2	90.8
0914		09:36:30	8:36:30	302.0	-2.8	90.8
0915		09:37:00	8:37:00	308.0	6.0	90.7
0916		09:37:30	8:37:30	299.3	-8.7	90.7
0917		09:38:00	8:38:00	297.7	-1.6	90.7
0918		09:38:30	8:38:30	294.1	-3.6	90.7
0919		09:39:00	8:39:00	292.6	-1.6	90.7
0920		09:39:30	8:39:30	291.8	-0.8	90.7
0921		09:40:00	8:40:00	291.4	-0.4	90.6
0922		09:40:30	8:40:30	291.0	-0.4	90.6
0923		09:41:00	8:41:00	290.6	-0.4	90.6
0924		09:41:30	8:41:30	273.9	-16.7	90.6
0925		09:42:00	8:42:00	263.6	-10.3	90.6
0926		09:42:30	8:42:30	265.2	1.6	90.5
0927		09:43:00	8:43:00	244.6	-20.6	90.5
0928		09:43:30	8:43:30	228.7	-15.9	90.5
0929		09:44:00	8:44:00	230.3	1.6	90.4
0930		09:44:30	8:44:30	203.0	-27.4	90.3
0931		09:45:00	8:45:00	194.3	-8.7	90.2

Company: PETROGLYPH OPERATING CO., INC  
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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0932	95-09-21	09:45:30	8:45:30	172.1	-22.2	90.2
0933		09:46:00	8:46:00	158.2	-13.9	90.1
0934		09:46:30	8:46:30	121.7	-36.5	90.0
0935		09:47:00	8:47:00	123.3	1.6	89.9
0936		09:47:30	8:47:30	83.6	-39.7	89.8
0937		09:48:00	8:48:00	71.4	-12.3	89.7
0938		09:48:30	8:48:30	46.0	-25.4	89.7
0939		09:49:00	8:49:00	45.2	-0.8	89.7
0940		09:49:30	8:49:30	45.6	0.4	89.7
0941		09:50:00	8:50:00	45.6	0.0	89.7
0942		09:50:30	8:50:30	13.4	-32.1	89.6
0943		09:51:00	8:51:00	13.4	0.0	89.6
0944		09:51:30	8:51:30	13.4	0.0	89.6
0945		09:52:00	8:52:00	13.4	0.0	89.6
0946		09:52:30	8:52:30	13.4	0.0	89.6
0947		09:53:00	8:53:00	13.4	0.0	89.6
0948		09:53:30	8:53:30	13.4	0.0	89.6
0949		09:54:00	8:54:00	13.4	0.0	89.6
0950		09:54:30	8:54:30	13.4	0.0	89.6
0951		09:55:00	8:55:00	13.4	0.0	89.6
0952		09:55:30	8:55:30	13.5	0.0	89.5
0953		09:56:00	8:56:00	13.5	0.0	89.5
0954		09:56:30	8:56:30	13.5	0.0	89.5
0955		09:57:00	8:57:00	13.5	0.0	89.5
0956		09:57:30	8:57:30	13.5	0.0	89.5
0957		09:58:00	8:58:00	13.5	0.0	89.5
0958		09:58:30	8:58:30	13.9	0.4	89.5
0959		09:59:00	8:59:00	13.9	0.0	89.5
0960		09:59:30	8:59:30	13.9	0.0	89.5
0961		10:00:00	9:00:00	13.9	0.0	89.5
0962		10:00:30	9:00:30	13.9	0.0	89.5
0963		10:01:00	9:01:00	13.9	0.0	89.5
0964		10:01:30	9:01:30	13.9	0.0	89.5
0965		10:02:00	9:02:00	13.9	0.0	89.5
0966		10:02:30	9:02:30	13.5	-0.4	89.5
0967		10:03:00	9:03:00	13.5	0.0	89.5
0968		10:03:30	9:03:30	13.5	0.0	89.5
0969		10:04:00	9:04:00	13.5	0.0	89.5
0970		10:04:30	9:04:30	13.9	0.4	89.5
0971		10:05:00	9:05:00	13.5	-0.4	89.4
0972		10:05:30	9:05:30	13.5	0.0	89.4
0973		10:06:00	9:06:00	13.9	0.4	89.4
0974		10:06:30	9:06:30	13.5	-0.4	89.4
0975		10:07:00	9:07:00	13.5	0.0	89.4
0976		10:07:30	9:07:30	13.5	0.0	89.4
0977		10:08:00	9:08:00	13.9	0.4	89.4
0978		10:08:30	9:08:30	13.9	0.0	89.4
0979		10:09:00	9:09:00	13.5	-0.4	89.4
0980		10:09:30	9:09:30	13.5	0.0	89.4

Company: PETROGLYPH OPERATING CO., INC  
 Well Name: HOEY

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs) (delta)	Temp. (deg F)	
0981	95-09-21	10:10:00	9:10:00	13.5	0.0	89.4
0982		10:10:30	9:10:30	13.5	0.0	89.4
0983		10:11:00	9:11:00	13.9	0.4	89.4
0984		10:11:30	9:11:30	13.5	-0.4	89.4
0985		10:12:00	9:12:00	13.5	0.0	89.4
0986		10:12:30	9:12:30	13.5	0.0	89.4
0987		10:13:00	9:13:00	13.9	0.4	89.4
0988		10:13:30	9:13:30	13.5	-0.4	89.3
0989		10:14:00	9:14:00	13.5	0.0	89.3
0990		10:14:30	9:14:30	13.5	0.0	89.3
0991		10:15:00	9:15:00	13.5	0.0	89.3
0992		10:15:30	9:15:30	13.5	0.0	89.3
0993		10:16:00	9:16:00	13.5	0.0	89.3
0994		10:16:30	9:16:30	13.5	0.0	89.3
0995		10:17:00	9:17:00	13.5	0.0	89.3
0996		10:17:30	9:17:30	13.5	0.0	89.3
0997		10:18:00	9:18:00	13.5	0.0	89.3
0998		10:18:30	9:18:30	13.5	0.0	89.3
0999		10:19:00	9:19:00	13.5	0.0	89.3
1000		10:19:30	9:19:30	13.5	0.0	89.3
1001		10:20:00	9:20:00	13.6	0.0	89.2
1002		10:20:30	9:20:30	13.6	0.0	89.2
1003		10:21:00	9:21:00	13.6	0.0	89.1
1004		10:21:30	9:21:30	13.6	0.0	89.1
1005		10:22:00	9:22:00	13.6	0.0	89.1
1006		10:22:30	9:22:30	13.6	0.0	89.0
1007		10:23:00	9:23:00	13.6	0.0	89.0
1008		10:23:30	9:23:30	13.7	0.0	88.9
1009		10:24:00	9:24:00	14.2	0.5	88.5
1010		10:24:30	9:24:30	14.5	0.3	87.6
1011		10:25:00	9:25:00	14.8	0.3	86.6
1012		10:25:30	9:25:30	15.1	0.3	85.7
1013		10:26:00	9:26:00	15.4	0.3	84.7
1014		10:26:30	9:26:30	15.7	0.3	83.8
1015		10:27:00	9:27:00	15.6	-0.1	83.0
1016		10:27:30	9:27:30	15.8	0.2	82.2

DST REPORT

GENERAL INFORMATION

DATE : 9-21-95	TICKET : 21103
CUSTOMER : PETROGLYPH OPERATING CO.	LEASE : HOEY
WELL : #15-20 TEST: 2	GEOLOGIST: WILLIAMS
ELEVATION: 1713 GL, 1726 KB	FORMATION: CONGL. & MISSISSIPPI
SECTION : 20	TOWNSHIP : 33S
RANGE : 14W COUNTY: BARBER	STATE : KS
GAUGE SN#: 10270 RANGE : 4150	CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4685.00 ft	TO: 4763.00 ft	TVD: 4763.0 ft
DEPTH OF SELECTIVE ZONE:		TEST TYPE: OIL
DEPTH OF RECORDERS: 4688.0 ft	4691.0 ft	
TEMPERATURE: 126.0		
DRILL COLLAR LENGTH: 540.0 ft	I.D.: 2.250 in	
WEIGHT PIPE LENGTH : 0.0 ft	I.D.: 0.000 in	
DRILL PIPE LENGTH : 4118.0 ft	I.D.: 3.800 in	
TEST TOOL LENGTH : 27.0 ft	TOOL SIZE : 5.500 in	
ANCHOR LENGTH : 78.0 ft	ANCHOR SIZE: 5.500 in	
SURFACE CHOKE SIZE : 0.750 in	BOTTOM CHOKE SIZE: 0.750 in	
MAIN HOLE SIZE : 7.875 in	TOOL JOINT SIZE : 4.5XH	
PACKER DEPTH: 4680.0 ft	SIZE: 6.630 in	
PACKER DEPTH: 4685.0 ft	SIZE: 6.630 in	
PACKER DEPTH: 0.0 ft	SIZE: 0.000 in	
PACKER DEPTH: 0.0 ft	SIZE: 0.000 in	

MUD INFORMATION

DRILLING CON. : DUKE DRILLING #5	VISCOSITY : 52.00 cp
MUD TYPE : CHEMICAL	WATER LOSS: 9.600 cc
WEIGHT : 9.200 ppg	
CHLORIDES : 4500 ppm	SERIAL NUMBER: 422
JARS-MAKE : WTC	REVERSED OUT?: NO
DID WELL FLOW?: NO	

COMMENTS

Comment

INITIAL FLOW PERIOD-WEAK BLOW THROUGHOUT-1/2 TO 1 1/2 INCH BLOW.  
WHEN TURNING TOOL FOR INITIAL SHUT-IN, ROTARY

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

TABLE ON RIG WOULD NOT STOP, TURNED TOOL INTO FINAL FLOW MISSING INITIAL SHUT-IN.

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
25.0	0.0	0.0	0.0	100.0	MUD

RATE INFORMATION

OIL VOLUME:	0.0000 STB	TOTAL FLOW TIME:	90.0000 min.
GAS VOLUME:	0.0000 SCF	AVERAGE OIL RATE:	0.0000 STB/D
MUD VOLUME:	0.1229 STB	AVERAGE WATER RATE:	0.0000 STB/D
WATER VOLUME:	0.0000 STB		
TOTAL FLUID :	0.1229 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2243.00

Description	Duration	p1	p End
INITIAL FLOW	90.00	31.00	31.00
INITIAL SHUT-IN	0.00		0.00
FINAL FLOW	0.00	0.00	0.00
FINAL SHUT-IN	180.00		686.00

FINAL HYDROSTATIC PRESSURE: 2243.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2277.00

<u>Description</u>	<u>Duration</u>	<u>p1</u>	<u>p End</u>
INITIAL FLOW	90.00	45.00	46.00
INITIAL SHUT-IN	0.00		3.00
FINAL FLOW	0.00	0.00	0.00

FINAL HYDROSTATIC PRESSURE: 2059.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 9-21-95	TICKET	: 21103
CUSTOMER	: PETROGLYPH OPERATING CO.	LEASE	: HOEY
WELL	: #15-20 TEST: 2	GEOLOGIST	: WILLIAMS
ELEVATION	: 1713 GL, 1726 KB	FORMATION	: CONGL. & MISSISSIPPI
SECTION	: 20	TOWNSHIP	: 33S
RANGE	: 14W COUNTY: BARBER	STATE	: KS
GAUGE SN#	: 10270 RANGE : 4150	CLOCK	: 12

INITIAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	45.00	45.00
5.00	39.00	-6.00
10.00	42.00	3.00
15.00	43.00	1.00
20.00	44.00	1.00
25.00	42.00	-2.00
30.00	43.00	1.00
35.00	44.00	1.00
40.00	43.00	-1.00
45.00	45.00	2.00
50.00	45.00	0.00
55.00	44.00	-1.00
60.00	45.00	1.00
65.00	45.00	0.00
70.00	46.00	1.00
75.00	48.00	2.00
80.00	45.00	-3.00
85.00	46.00	1.00
90.00	46.00	0.00

INITIAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
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FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	0.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	62.00	62.00	0.00
6.00	78.00	16.00	0.00
9.00	93.00	15.00	0.00
12.00	107.00	14.00	0.00
15.00	122.00	15.00	0.00
18.00	136.00	14.00	0.00
21.00	150.00	14.00	0.00
24.00	163.00	13.00	0.00
27.00	177.00	14.00	0.00
30.00	190.00	13.00	0.00
33.00	203.00	13.00	0.00
36.00	216.00	13.00	0.00
39.00	229.00	13.00	0.00
42.00	242.00	13.00	0.00
45.00	254.00	12.00	0.00
48.00	266.00	12.00	0.00
51.00	278.00	12.00	0.00
54.00	290.00	12.00	0.00
57.00	302.00	12.00	0.00
60.00	314.00	12.00	0.00
63.00	325.00	11.00	0.00
66.00	337.00	12.00	0.00
69.00	348.00	11.00	0.00
72.00	359.00	11.00	0.00
75.00	370.00	11.00	0.00
78.00	381.00	11.00	0.00
81.00	391.00	10.00	0.00
84.00	402.00	11.00	0.00
87.00	412.00	10.00	0.00
90.00	423.00	11.00	0.00
93.00	432.00	9.00	0.00
96.00	442.00	10.00	0.00
99.00	452.00	10.00	0.00
102.00	462.00	10.00	0.00
105.00	471.00	9.00	0.00
108.00	481.00	10.00	0.00
111.00	490.00	9.00	0.00
114.00	499.00	9.00	0.00
117.00	508.00	9.00	0.00
120.00	517.00	9.00	0.00
123.00	526.00	9.00	0.00
126.00	535.00	9.00	0.00
129.00	544.00	9.00	0.00
132.00	552.00	8.00	0.00
135.00	561.00	9.00	0.00
138.00	569.00	8.00	0.00

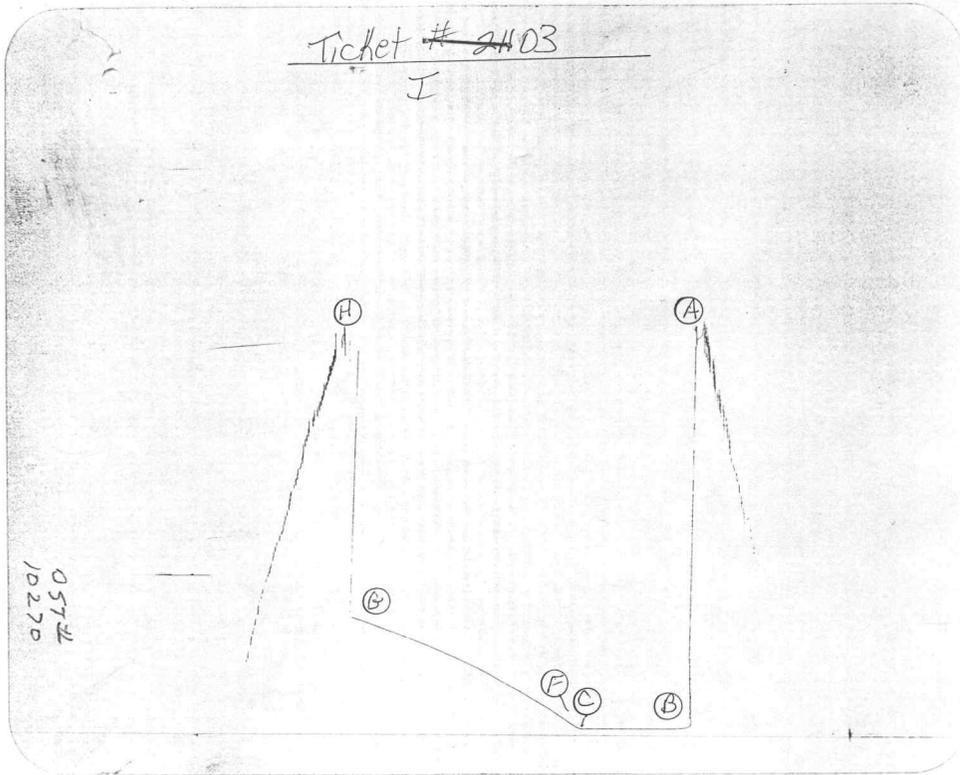
PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
141.00	577.00	8.00	0.00
144.00	585.00	8.00	0.00
147.00	594.00	9.00	0.00
150.00	601.00	7.00	0.00
153.00	609.00	8.00	0.00
156.00	617.00	8.00	0.00
159.00	624.00	7.00	0.00
162.00	632.00	8.00	0.00
165.00	639.00	7.00	0.00
168.00	647.00	8.00	0.00
171.00	654.00	7.00	0.00
174.00	661.00	7.00	0.00
177.00	668.00	7.00	0.00
180.00	677.00	9.00	0.00
183.00	686.00	9.00	0.00

Ticket # ~~21103~~

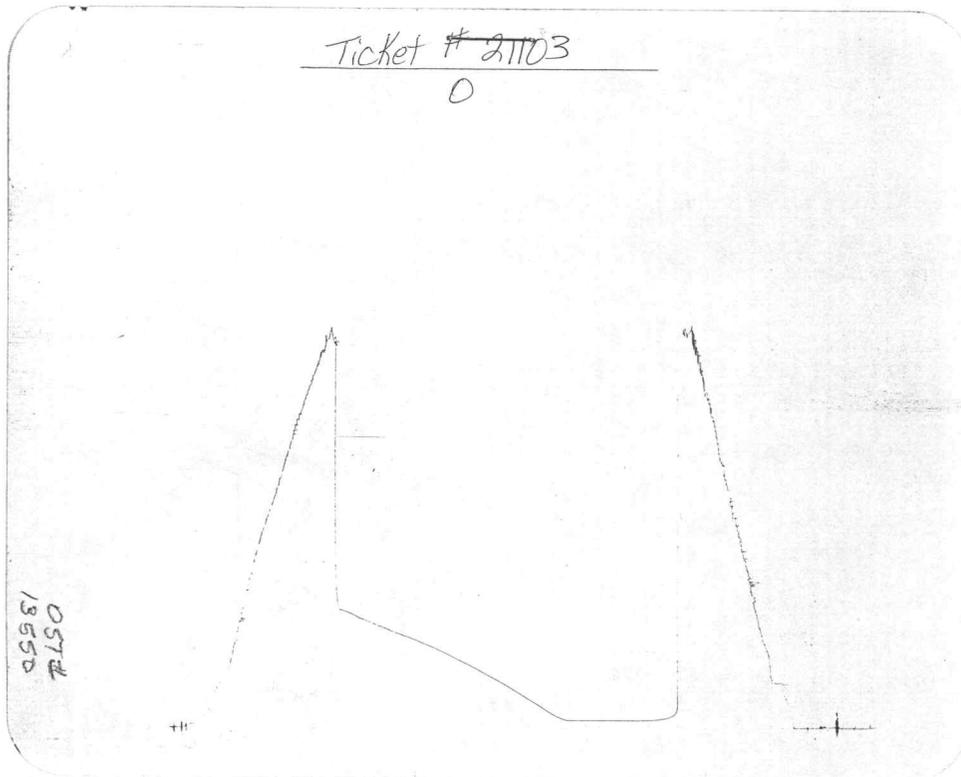
I



Inside Recorder

Ticket # ~~21103~~

O



Outside Recorder

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0001	95-09-21	02:00:00	1:00:00	659.9	-----	87.0
0002		02:00:30	1:00:30	698.2	38.3	87.1
0003		02:01:00	1:01:00	689.8	-8.4	87.2
0004		02:01:30	1:01:30	708.8	19.1	87.4
0005		02:02:00	1:02:00	718.3	9.5	87.5
0006		02:02:30	1:02:30	715.5	-2.8	87.6
0007		02:03:00	1:03:00	746.6	31.0	87.7
0008		02:03:30	1:03:30	747.3	0.8	87.8
0009		02:04:00	1:04:00	790.8	43.4	87.9
0010		02:04:30	1:04:30	778.0	-12.8	88.0
0011		02:05:00	1:05:00	831.4	53.4	88.0
0012		02:05:30	1:05:30	808.6	-22.8	88.1
0013		02:06:00	1:06:00	858.4	49.8	88.2
0014		02:06:30	1:06:30	840.4	-18.0	88.4
0015		02:07:00	1:07:00	887.3	47.0	88.5
0016		02:07:30	1:07:30	868.1	-19.2	88.6
0017		02:08:00	1:08:00	915.5	47.4	88.8
0018		02:08:30	1:08:30	901.5	-14.0	88.9
0019		02:09:00	1:09:00	938.5	37.0	89.0
0020		02:09:30	1:09:30	928.1	-10.4	89.2
0021		02:10:00	1:10:00	972.2	44.2	89.3
0022		02:10:30	1:10:30	959.8	-12.4	89.5
0023		02:11:00	1:11:00	1002.8	43.0	89.7
0024		02:11:30	1:11:30	986.3	-16.5	89.9
0025		02:12:00	1:12:00	1007.3	21.0	90.1
0026		02:12:30	1:12:30	1014.3	7.0	90.4
0027		02:13:00	1:13:00	1062.0	47.7	90.7
0028		02:13:30	1:13:30	1046.2	-15.8	91.1
0029		02:14:00	1:14:00	1097.6	51.3	91.4
0030		02:14:30	1:14:30	1073.4	-24.1	91.7
0031		02:15:00	1:15:00	1136.8	63.4	92.0
0032		02:15:30	1:15:30	1105.1	-31.7	92.2
0033		02:16:00	1:16:00	1161.7	56.6	92.5
0034		02:16:30	1:16:30	1137.6	-24.1	92.7
0035		02:17:00	1:17:00	1115.5	-22.1	92.9
0036		02:17:30	1:17:30	1167.7	52.2	93.1
0037		02:18:00	1:18:00	1215.6	47.9	93.2
0038		02:18:30	1:18:30	1192.7	-22.8	93.3
0039		02:19:00	1:19:00	1189.1	-3.6	93.4
0040		02:19:30	1:19:30	1248.5	59.4	93.5
0041		02:20:00	1:20:00	1224.1	-24.4	93.6
0042		02:20:30	1:20:30	1290.0	65.8	93.7
0043		02:21:00	1:21:00	1251.9	-38.0	93.9
0044		02:21:30	1:21:30	1247.9	-4.1	94.0
0045		02:22:00	1:22:00	1309.7	61.9	94.1
0046		02:22:30	1:22:30	1279.7	-30.0	94.2
0047		02:23:00	1:23:00	1338.0	58.3	94.3
0048		02:23:30	1:23:30	1310.8	-27.3	94.4
0049		02:24:00	1:24:00	1344.3	33.6	94.5

Company: PETROGLYPH OPERATING CO., INC  
Well Name: HOEY #15-20

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0050	95-09-21	02:24:30	1:24:30	1339.4	-4.9	94.5
0051		02:25:00	1:25:00	1415.4	76.0	94.7
0052		02:25:30	1:25:30	1368.1	-47.3	94.7
0053		02:26:00	1:26:00	1446.9	78.8	94.9
0054		02:26:30	1:26:30	1400.8	-46.1	95.0
0055		02:27:00	1:27:00	1464.4	63.5	95.1
0056		02:27:30	1:27:30	1430.3	-34.1	95.2
0057		02:28:00	1:28:00	1483.8	53.5	95.3
0058		02:28:30	1:28:30	1458.5	-25.3	95.4
0059		02:29:00	1:29:00	1543.7	85.2	95.5
0060		02:29:30	1:29:30	1497.2	-46.5	95.6
0061		02:30:00	1:30:00	1554.3	57.1	95.7
0062		02:30:30	1:30:30	1524.3	-30.1	95.9
0063		02:31:00	1:31:00	1517.4	-6.9	96.0
0064		02:31:30	1:31:30	1556.5	39.1	96.2
0065		02:32:00	1:32:00	1548.7	-7.7	96.3
0066		02:32:30	1:32:30	1583.8	35.1	96.5
0067		02:33:00	1:33:00	1576.9	-6.9	96.7
0068		02:33:30	1:33:30	1611.2	34.3	96.9
0069		02:34:00	1:34:00	1604.6	-6.5	97.1
0070		02:34:30	1:34:30	1687.4	82.7	97.3
0071		02:35:00	1:35:00	1638.0	-49.4	97.5
0072		02:35:30	1:35:30	1695.1	57.1	97.7
0073		02:36:00	1:36:00	1669.7	-25.4	98.0
0074		02:36:30	1:36:30	1725.9	56.3	98.2
0075		02:37:00	1:37:00	1700.1	-25.8	98.5
0076		02:37:30	1:37:30	1762.7	62.6	98.8
0077		02:38:00	1:38:00	1722.5	-40.2	99.1
0078		02:38:30	1:38:30	1770.3	47.8	99.5
0079		02:39:00	1:39:00	1755.3	-15.0	99.7
0080		02:39:30	1:39:30	1788.3	33.0	100.0
0081		02:40:00	1:40:00	1780.8	-7.4	100.3
0082		02:40:30	1:40:30	1825.5	44.6	100.6
0083		02:41:00	1:41:00	1816.9	-8.6	100.8
0084		02:41:30	1:41:30	1855.1	38.2	101.1
0085		02:42:00	1:42:00	1846.1	-9.0	101.3
0086		02:42:30	1:42:30	1886.3	40.2	101.5
0087		02:43:00	1:43:00	1873.0	-13.4	101.8
0088		02:43:30	1:43:30	1928.8	55.8	102.0
0089		02:44:00	1:44:00	1906.2	-22.6	102.2
0090		02:44:30	1:44:30	1935.6	29.4	102.5
0091		02:45:00	1:45:00	1935.0	-0.6	102.7
0092		02:45:30	1:45:30	1961.2	26.2	103.0
0093		02:46:00	1:46:00	1955.8	-5.4	103.3
0094		02:46:30	1:46:30	1995.1	39.3	103.6
0095		02:47:00	1:47:00	1984.8	-10.3	104.0
0096		02:47:30	1:47:30	2032.5	47.6	104.4
0097		02:48:00	1:48:00	2021.4	-11.1	104.8
0098		02:48:30	1:48:30	2059.1	37.7	105.2

Company: PETROGLYPH OPERATING CO., INC  
 Well Name: HOEY #15-20

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0099	95-09-21	02:49:00	1:49:00	2048.3	-10.7	105.6
0100		02:49:30	1:49:30	2089.6	41.3	106.0
0101		02:50:00	1:50:00	2080.1	-9.5	106.4
0102		02:50:30	1:50:30	2117.4	37.3	106.7
0103		02:51:00	1:51:00	2079.5	-37.9	107.1
0104		02:51:30	1:51:30	2158.1	78.5	107.5
0105		02:52:00	1:52:00	2146.2	-11.9	107.8
0106		02:52:30	1:52:30	2179.9	33.7	108.1
0107		02:53:00	1:53:00	2096.1	-83.9	108.5
0108		02:53:30	1:53:30	2218.6	122.5	108.7
0109		02:54:00	1:54:00	2200.7	-17.9	109.1
0110		02:54:30	1:54:30	2297.2	96.5	109.4
0111		02:55:00	1:55:00	2237.4	-59.8	109.7
0112		02:55:30	1:55:30	2229.6	-7.8	110.0
0113		02:56:00	1:56:00	2223.4	-6.2	110.2
0114		02:56:30	1:56:30	2218.8	-4.6	110.5
0115		02:57:00	1:57:00	2215.1	-3.7	110.6
0116		02:57:30	1:57:30	2211.3	-3.7	110.8
0117		02:58:00	1:58:00	2208.4	-2.9	110.9
0118		02:58:30	1:58:30	2206.3	-2.1	111.0
0119		02:59:00	1:59:00	2205.9	-0.5	111.1
0120		02:59:30	1:59:30	2205.8	-0.1	111.2
0121		03:00:00	2:00:00	2205.7	-0.1	111.3
0122		03:00:30	2:00:30	2205.2	-0.5	111.4
0123		03:01:00	2:01:00	2205.2	-0.1	111.5
0124		03:01:30	2:01:30	2205.1	-0.0	111.5
0125		03:02:00	2:02:00	2237.0	31.9	111.6
0126		03:02:30	2:02:30	2268.5	31.5	111.7
0127		03:03:00	2:03:00	2283.6	15.0	111.9
0128		03:03:30	2:03:30	2277.8	-5.7	112.0
0129		03:04:00	2:04:00	2277.7	-0.1	112.2
0130		03:04:30	2:04:30	44.9	-2232.8	112.3
0131		03:05:00	2:05:00	39.3	-5.6	112.5
0132		03:05:30	2:05:30	36.8	-2.4	112.7
0133		03:06:00	2:06:00	37.2	0.3	112.9
0134		03:06:30	2:06:30	38.7	1.5	113.0
0135		03:07:00	2:07:00	37.5	-1.2	113.1
0136		03:07:30	2:07:30	38.7	1.2	113.2
0137		03:08:00	2:08:00	38.2	-0.4	113.3
0138		03:08:30	2:08:30	39.0	0.8	113.3
0139		03:09:00	2:09:00	39.0	-0.0	113.4
0140		03:09:30	2:09:30	39.0	-0.0	113.4
0141		03:10:00	2:10:00	39.4	0.4	113.5
0142		03:10:30	2:10:30	38.6	-0.8	113.5
0143		03:11:00	2:11:00	39.4	0.8	113.5
0144		03:11:30	2:11:30	39.4	0.0	113.5
0145		03:12:00	2:12:00	40.1	0.8	113.5
0146		03:12:30	2:12:30	39.7	-0.4	113.5
0147		03:13:00	2:13:00	40.5	0.8	113.6

Company: PETROGLYPH OPERATING CO., INC  
Well Name: HOEY #15-20

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0148	95-09-21	03:13:30	2:13:30	41.7	1.2	113.6
0149		03:14:00	2:14:00	40.9	-0.8	113.6
0150		03:14:30	2:14:30	41.7	0.8	113.6
0151		03:15:00	2:15:00	41.3	-0.4	113.6
0152		03:15:30	2:15:30	41.7	0.4	113.7
0153		03:16:00	2:16:00	42.5	0.8	113.7
0154		03:16:30	2:16:30	42.5	-0.0	113.7
0155		03:17:00	2:17:00	41.7	-0.8	113.7
0156		03:17:30	2:17:30	40.9	-0.8	113.7
0157		03:18:00	2:18:00	42.8	2.0	113.7
0158		03:18:30	2:18:30	43.2	0.4	113.8
0159		03:19:00	2:19:00	43.2	0.0	113.8
0160		03:19:30	2:19:30	43.2	-0.0	113.8
0161		03:20:00	2:20:00	43.2	0.0	113.8
0162		03:20:30	2:20:30	42.8	-0.4	113.9
0163		03:21:00	2:21:00	42.8	0.0	113.9
0164		03:21:30	2:21:30	43.2	0.4	113.9
0165		03:22:00	2:22:00	43.2	0.0	113.9
0166		03:22:30	2:22:30	43.2	-0.0	114.0
0167		03:23:00	2:23:00	42.4	-0.8	114.0
0168		03:23:30	2:23:30	42.4	-0.0	114.0
0169		03:24:00	2:24:00	42.0	-0.4	114.0
0170		03:24:30	2:24:30	44.3	2.4	114.0
0171		03:25:00	2:25:00	43.5	-0.8	114.0
0172		03:25:30	2:25:30	43.1	-0.4	114.1
0173		03:26:00	2:26:00	42.3	-0.8	114.1
0174		03:26:30	2:26:30	41.5	-0.8	114.1
0175		03:27:00	2:27:00	41.9	0.4	114.1
0176		03:27:30	2:27:30	43.1	1.2	114.2
0177		03:28:00	2:28:00	43.1	0.0	114.2
0178		03:28:30	2:28:30	42.3	-0.8	114.2
0179		03:29:00	2:29:00	41.5	-0.8	114.2
0180		03:29:30	2:29:30	42.3	0.8	114.2
0181		03:30:00	2:30:00	44.7	2.4	114.2
0182		03:30:30	2:30:30	43.5	-1.2	114.3
0183		03:31:00	2:31:00	44.3	0.8	114.3
0184		03:31:30	2:31:30	42.7	-1.6	114.3
0185		03:32:00	2:32:00	43.4	0.8	114.3
0186		03:32:30	2:32:30	43.8	0.4	114.4
0187		03:33:00	2:33:00	42.6	-1.2	114.4
0188		03:33:30	2:33:30	42.2	-0.4	114.4
0189		03:34:00	2:34:00	45.4	3.2	114.4
0190		03:34:30	2:34:30	42.6	-2.8	114.5
0191		03:35:00	2:35:00	42.6	0.0	114.5
0192		03:35:30	2:35:30	42.2	-0.4	114.5
0193		03:36:00	2:36:00	45.0	2.8	114.5
0194		03:36:30	2:36:30	44.6	-0.4	114.5
0195		03:37:00	2:37:00	44.2	-0.4	114.5
0196		03:37:30	2:37:30	44.2	-0.0	114.6

Company: PETROGLYPH OPERATING CO., INC  
Well Name: HOEY #15-20

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0197	95-09-21	03:38:00	2:38:00	44.2	0.0	114.6
0198		03:38:30	2:38:30	43.3	-0.8	114.6
0199		03:39:00	2:39:00	44.5	1.2	114.6
0200		03:39:30	2:39:30	44.1	-0.4	114.7
0201		03:40:00	2:40:00	44.5	0.4	114.7
0202		03:40:30	2:40:30	43.3	-1.2	114.7
0203		03:41:00	2:41:00	44.1	0.8	114.7
0204		03:41:30	2:41:30	43.3	-0.8	114.7
0205		03:42:00	2:42:00	42.9	-0.4	114.7
0206		03:42:30	2:42:30	42.9	-0.0	114.8
0207		03:43:00	2:43:00	42.9	0.0	114.8
0208		03:43:30	2:43:30	42.5	-0.4	114.8
0209		03:44:00	2:44:00	43.7	1.2	114.8
0210		03:44:30	2:44:30	42.9	-0.8	114.9
0211		03:45:00	2:45:00	42.5	-0.4	114.9
0212		03:45:30	2:45:30	46.4	3.9	114.9
0213		03:46:00	2:46:00	45.2	-1.2	114.9
0214		03:46:30	2:46:30	44.8	-0.4	115.0
0215		03:47:00	2:47:00	44.0	-0.8	115.0
0216		03:47:30	2:47:30	43.6	-0.4	115.0
0217		03:48:00	2:48:00	42.4	-1.2	115.0
0218		03:48:30	2:48:30	46.0	3.6	115.0
0219		03:49:00	2:49:00	45.6	-0.4	115.0
0220		03:49:30	2:49:30	44.8	-0.8	115.1
0221		03:50:00	2:50:00	43.2	-1.6	115.1
0222		03:50:30	2:50:30	42.8	-0.4	115.1
0223		03:51:00	2:51:00	44.4	1.6	115.1
0224		03:51:30	2:51:30	43.6	-0.8	115.2
0225		03:52:00	2:52:00	44.0	0.4	115.2
0226		03:52:30	2:52:30	43.2	-0.8	115.2
0227		03:53:00	2:53:00	42.8	-0.4	115.2
0228		03:53:30	2:53:30	43.5	0.8	115.2
0229		03:54:00	2:54:00	43.1	-0.4	115.2
0230		03:54:30	2:54:30	44.7	1.6	115.3
0231		03:55:00	2:55:00	43.5	-1.2	115.3
0232		03:55:30	2:55:30	46.3	2.8	115.3
0233		03:56:00	2:56:00	43.5	-2.8	115.3
0234		03:56:30	2:56:30	43.1	-0.4	115.3
0235		03:57:00	2:57:00	45.1	2.0	115.4
0236		03:57:30	2:57:30	46.7	1.6	115.4
0237		03:58:00	2:58:00	46.3	-0.4	115.4
0238		03:58:30	2:58:30	45.1	-1.2	115.4
0239		03:59:00	2:59:00	44.7	-0.4	115.5
0240		03:59:30	2:59:30	43.5	-1.2	115.5
0241		04:00:00	3:00:00	44.3	0.8	115.5
0242		04:00:30	3:00:30	46.2	2.0	115.5
0243		04:01:00	3:01:00	45.8	-0.4	115.5
0244		04:01:30	3:01:30	44.6	-1.2	115.5
0245		04:02:00	3:02:00	45.8	1.2	115.6

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs) (delta)	Temp. (deg F)
0246	95-09-21	04:02:30	3:02:30	45.0 -0.8	115.6
0247		04:03:00	3:03:00	46.6 1.6	115.6
0248		04:03:30	3:03:30	45.8 -0.8	115.6
0249		04:04:00	3:04:00	45.4 -0.4	115.6
0250		04:04:30	3:04:30	45.0 -0.4	115.7
0251		04:05:00	3:05:00	44.6 -0.4	115.7
0252		04:05:30	3:05:30	43.8 -0.8	115.7
0253		04:06:00	3:06:00	46.2 2.4	115.7
0254		04:06:30	3:06:30	44.2 -2.0	115.7
0255		04:07:00	3:07:00	47.7 3.6	115.7
0256		04:07:30	3:07:30	44.6 -3.2	115.7
0257		04:08:00	3:08:00	44.6 -0.0	115.8
0258		04:08:30	3:08:30	44.2 -0.4	115.8
0259		04:09:00	3:09:00	44.5 0.4	115.8
0260		04:09:30	3:09:30	44.5 0.0	115.8
0261		04:10:00	3:10:00	44.9 0.4	115.9
0262		04:10:30	3:10:30	44.5 -0.4	115.9
0263		04:11:00	3:11:00	45.7 1.2	115.9
0264		04:11:30	3:11:30	44.1 -1.6	115.9
0265		04:12:00	3:12:00	47.7 3.6	115.9
0266		04:12:30	3:12:30	45.3 -2.4	116.0
0267		04:13:00	3:13:00	46.9 1.6	116.0
0268		04:13:30	3:13:30	46.9 -0.0	116.0
0269		04:14:00	3:14:00	46.9 0.0	116.0
0270		04:14:30	3:14:30	45.7 -1.2	116.0
0271		04:15:00	3:15:00	46.1 0.4	116.0
0272		04:15:30	3:15:30	47.2 1.2	116.0
0273		04:16:00	3:16:00	45.2 -2.0	116.1
0274		04:16:30	3:16:30	44.9 -0.4	116.1
0275		04:17:00	3:17:00	45.2 0.4	116.1
0276		04:17:30	3:17:30	46.0 0.8	116.1
0277		04:18:00	3:18:00	46.8 0.8	116.1
0278		04:18:30	3:18:30	44.8 -2.0	116.2
0279		04:19:00	3:19:00	44.4 -0.4	116.2
0280		04:19:30	3:19:30	48.4 3.9	116.2
0281		04:20:00	3:20:00	44.4 -4.0	116.2
0282		04:20:30	3:20:30	44.8 0.4	116.2
0283		04:21:00	3:21:00	44.8 -0.0	116.2
0284		04:21:30	3:21:30	44.8 0.0	116.2
0285		04:22:00	3:22:00	45.6 0.8	116.3
0286		04:22:30	3:22:30	46.0 0.4	116.3
0287		04:23:00	3:23:00	45.2 -0.8	116.3
0288		04:23:30	3:23:30	45.6 0.4	116.3
0289		04:24:00	3:24:00	45.6 0.0	116.3
0290		04:24:30	3:24:30	45.2 -0.4	116.4
0291		04:25:00	3:25:00	45.2 0.0	116.4
0292		04:25:30	3:25:30	45.5 0.4	116.4
0293		04:26:00	3:26:00	45.1 -0.4	116.4
0294		04:26:30	3:26:30	45.9 0.8	116.4

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs) (delta)	Temp. (deg F)
0295	95-09-21	04:27:00	3:27:00	46.3	0.4
0296		04:27:30	3:27:30	45.5	-0.8
0297		04:28:00	3:28:00	45.1	-0.4
0298		04:28:30	3:28:30	45.5	0.4
0299		04:29:00	3:29:00	45.5	0.0
0300		04:29:30	3:29:30	45.5	-0.0
0301		04:30:00	3:30:00	45.5	0.0
0302		04:30:30	3:30:30	45.1	-0.4
0303		04:31:00	3:31:00	45.5	0.4
0304		04:31:30	3:31:30	45.9	0.4
0305		04:32:00	3:32:00	45.9	0.0
0306		04:32:30	3:32:30	45.9	-0.0
0307		04:33:00	3:33:00	46.7	0.8
0308		04:33:30	3:33:30	47.8	1.2
0309		04:34:00	3:34:00	45.5	-2.4
0310		04:34:30	3:34:30	46.2	0.8
0311		04:35:00	3:35:00	47.8	1.6
0312		04:35:30	3:35:30	51.0	3.2
0313		04:36:00	3:36:00	54.1	3.2
0314		04:36:30	3:36:30	56.5	2.4
0315		04:37:00	3:37:00	59.3	2.8
0316		04:37:30	3:37:30	62.0	2.8
0317		04:38:00	3:38:00	64.8	2.8
0318		04:38:30	3:38:30	67.6	2.8
0319		04:39:00	3:39:00	70.3	2.8
0320		04:39:30	3:39:30	72.3	2.0
0321		04:40:00	3:40:00	75.1	2.8
0322		04:40:30	3:40:30	77.8	2.8
0323		04:41:00	3:41:00	80.6	2.8
0324		04:41:30	3:41:30	83.0	2.4
0325		04:42:00	3:42:00	85.3	2.4
0326		04:42:30	3:42:30	88.1	2.8
0327		04:43:00	3:43:00	90.5	2.4
0328		04:43:30	3:43:30	92.8	2.4
0329		04:44:00	3:44:00	95.2	2.4
0330		04:44:30	3:44:30	97.5	2.4
0331		04:45:00	3:45:00	99.9	2.4
0332		04:45:30	3:45:30	102.7	2.7
0333		04:46:00	3:46:00	105.0	2.4
0334		04:46:30	3:46:30	107.4	2.4
0335		04:47:00	3:47:00	109.7	2.4
0336		04:47:30	3:47:30	112.1	2.4
0337		04:48:00	3:48:00	114.5	2.4
0338		04:48:30	3:48:30	116.8	2.4
0339		04:49:00	3:49:00	119.2	2.4
0340		04:49:30	3:49:30	121.5	2.4
0341		04:50:00	3:50:00	123.9	2.4
0342		04:50:30	3:50:30	126.3	2.4
0343		04:51:00	3:51:00	128.6	2.4

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs) (delta)	Temp. (deg F)	
0344	95-09-21	04:51:30	3:51:30	131.0	2.4	117.2
0345		04:52:00	3:52:00	133.3	2.4	117.2
0346		04:52:30	3:52:30	136.1	2.7	117.2
0347		04:53:00	3:53:00	138.1	2.0	117.2
0348		04:53:30	3:53:30	140.4	2.4	117.2
0349		04:54:00	3:54:00	142.8	2.4	117.3
0350		04:54:30	3:54:30	145.1	2.4	117.3
0351		04:55:00	3:55:00	147.5	2.4	117.3
0352		04:55:30	3:55:30	149.9	2.4	117.3
0353		04:56:00	3:56:00	151.8	2.0	117.3
0354		04:56:30	3:56:30	154.2	2.4	117.3
0355		04:57:00	3:57:00	156.6	2.4	117.4
0356		04:57:30	3:57:30	158.9	2.4	117.4
0357		04:58:00	3:58:00	161.3	2.4	117.4
0358		04:58:30	3:58:30	163.2	2.0	117.4
0359		04:59:00	3:59:00	165.6	2.4	117.4
0360		04:59:30	3:59:30	167.6	2.0	117.4
0361		05:00:00	4:00:00	170.3	2.8	117.4
0362		05:00:30	4:00:30	172.3	2.0	117.5
0363		05:01:00	4:01:00	174.7	2.4	117.5
0364		05:01:30	4:01:30	176.6	2.0	117.5
0365		05:02:00	4:02:00	179.0	2.4	117.5
0366		05:02:30	4:02:30	179.8	0.8	117.5
0367		05:03:00	4:03:00	183.3	3.5	117.5
0368		05:03:30	4:03:30	185.7	2.4	117.5
0369		05:04:00	4:04:00	188.0	2.4	117.5
0370		05:04:30	4:04:30	190.0	2.0	117.5
0371		05:05:00	4:05:00	192.4	2.4	117.6
0372		05:05:30	4:05:30	194.3	2.0	117.6
0373		05:06:00	4:06:00	196.7	2.4	117.6
0374		05:06:30	4:06:30	198.7	2.0	117.6
0375		05:07:00	4:07:00	201.0	2.4	117.6
0376		05:07:30	4:07:30	203.4	2.4	117.6
0377		05:08:00	4:08:00	205.3	2.0	117.6
0378		05:08:30	4:08:30	207.7	2.4	117.7
0379		05:09:00	4:09:00	209.7	2.0	117.7
0380		05:09:30	4:09:30	211.6	2.0	117.7
0381		05:10:00	4:10:00	214.0	2.4	117.7
0382		05:10:30	4:10:30	216.0	2.0	117.7
0383		05:11:00	4:11:00	218.3	2.4	117.7
0384		05:11:30	4:11:30	220.3	2.0	117.7
0385		05:12:00	4:12:00	222.6	2.4	117.7
0386		05:12:30	4:12:30	224.6	2.0	117.7
0387		05:13:00	4:13:00	226.6	2.0	117.7
0388		05:13:30	4:13:30	229.0	2.4	117.7
0389		05:14:00	4:14:00	230.9	2.0	117.8
0390		05:14:30	4:14:30	232.9	2.0	117.8
0391		05:15:00	4:15:00	235.2	2.4	117.8
0392		05:15:30	4:15:30	237.2	2.0	117.8

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs) (delta)	Temp. (deg F)	
0393	95-09-21	05:16:00	4:16:00	239.6	2.4	117.8
0394		05:16:30	4:16:30	241.5	2.0	117.8
0395		05:17:00	4:17:00	243.5	2.0	117.8
0396		05:17:30	4:17:30	245.5	2.0	117.9
0397		05:18:00	4:18:00	247.8	2.4	117.9
0398		05:18:30	4:18:30	249.8	2.0	117.9
0399		05:19:00	4:19:00	251.8	2.0	117.9
0400		05:19:30	4:19:30	253.7	2.0	117.9
0401		05:20:00	4:20:00	256.1	2.4	117.9
0402		05:20:30	4:20:30	258.1	2.0	117.9
0403		05:21:00	4:21:00	260.0	2.0	117.9
0404		05:21:30	4:21:30	262.0	2.0	118.0
0405		05:22:00	4:22:00	264.0	2.0	118.0
0406		05:22:30	4:22:30	265.9	2.0	118.0
0407		05:23:00	4:23:00	268.3	2.4	118.0
0408		05:23:30	4:23:30	270.3	2.0	118.0
0409		05:24:00	4:24:00	272.2	2.0	118.0
0410		05:24:30	4:24:30	274.6	2.4	118.0
0411		05:25:00	4:25:00	276.5	2.0	118.0
0412		05:25:30	4:25:30	278.1	1.6	118.0
0413		05:26:00	4:26:00	280.1	2.0	118.0
0414		05:26:30	4:26:30	282.5	2.4	118.0
0415		05:27:00	4:27:00	284.4	2.0	118.0
0416		05:27:30	4:27:30	286.4	2.0	118.1
0417		05:28:00	4:28:00	288.4	2.0	118.1
0418		05:28:30	4:28:30	290.3	2.0	118.1
0419		05:29:00	4:29:00	292.3	2.0	118.1
0420		05:29:30	4:29:30	294.3	2.0	118.1
0421		05:30:00	4:30:00	296.2	2.0	118.1
0422		05:30:30	4:30:30	298.2	2.0	118.1
0423		05:31:00	4:31:00	300.2	2.0	118.1
0424		05:31:30	4:31:30	302.1	2.0	118.2
0425		05:32:00	4:32:00	304.1	2.0	118.2
0426		05:32:30	4:32:30	306.1	2.0	118.2
0427		05:33:00	4:33:00	308.0	2.0	118.2
0428		05:33:30	4:33:30	310.0	2.0	118.2
0429		05:34:00	4:34:00	312.0	2.0	118.2
0430		05:34:30	4:34:30	313.9	2.0	118.2
0431		05:35:00	4:35:00	315.9	2.0	118.2
0432		05:35:30	4:35:30	317.5	1.6	118.2
0433		05:36:00	4:36:00	319.4	2.0	118.2
0434		05:36:30	4:36:30	321.4	2.0	118.2
0435		05:37:00	4:37:00	323.4	2.0	118.2
0436		05:37:30	4:37:30	325.3	2.0	118.2
0437		05:38:00	4:38:00	327.3	2.0	118.3
0438		05:38:30	4:38:30	329.3	2.0	118.3
0439		05:39:00	4:39:00	331.2	2.0	118.3
0440		05:39:30	4:39:30	332.8	1.6	118.3
0441		05:40:00	4:40:00	334.8	2.0	118.3

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs) (delta)	Temp. (deg F)
0442	95-09-21	05:40:30	4:40:30	336.7	118.3
0443		05:41:00	4:41:00	338.7	118.3
0444		05:41:30	4:41:30	340.7	118.3
0445		05:42:00	4:42:00	342.6	118.4
0446		05:42:30	4:42:30	344.6	118.4
0447		05:43:00	4:43:00	346.2	118.4
0448		05:43:30	4:43:30	348.2	118.4
0449		05:44:00	4:44:00	350.1	118.4
0450		05:44:30	4:44:30	351.7	118.4
0451		05:45:00	4:45:00	353.7	118.4
0452		05:45:30	4:45:30	355.6	118.4
0453		05:46:00	4:46:00	357.2	118.4
0454		05:46:30	4:46:30	359.2	118.4
0455		05:47:00	4:47:00	361.1	118.5
0456		05:47:30	4:47:30	362.7	118.5
0457		05:48:00	4:48:00	364.7	118.5
0458		05:48:30	4:48:30	366.6	118.5
0459		05:49:00	4:49:00	368.2	118.5
0460		05:49:30	4:49:30	370.2	118.5
0461		05:50:00	4:50:00	371.8	118.5
0462		05:50:30	4:50:30	373.7	118.5
0463		05:51:00	4:51:00	375.3	118.5
0464		05:51:30	4:51:30	377.3	118.5
0465		05:52:00	4:52:00	379.2	118.5
0466		05:52:30	4:52:30	380.8	118.5
0467		05:53:00	4:53:00	382.4	118.5
0468		05:53:30	4:53:30	384.3	118.5
0469		05:54:00	4:54:00	386.3	118.6
0470		05:54:30	4:54:30	387.9	118.6
0471		05:55:00	4:55:00	389.5	118.6
0472		05:55:30	4:55:30	391.4	118.6
0473		05:56:00	4:56:00	393.0	118.6
0474		05:56:30	4:56:30	395.0	118.6
0475		05:57:00	4:57:00	396.5	118.6
0476		05:57:30	4:57:30	398.5	118.6
0477		05:58:00	4:58:00	400.1	118.6
0478		05:58:30	4:58:30	401.7	118.6
0479		05:59:00	4:59:00	403.6	118.7
0480		05:59:30	4:59:30	405.2	118.7
0481		06:00:00	5:00:00	407.2	118.7
0482		06:00:30	5:00:30	408.7	118.7
0483		06:01:00	5:01:00	410.3	118.7
0484		06:01:30	5:01:30	412.3	118.7
0485		06:02:00	5:02:00	413.8	118.7
0486		06:02:30	5:02:30	415.4	118.7
0487		06:03:00	5:03:00	417.4	118.7
0488		06:03:30	5:03:30	419.0	118.7
0489		06:04:00	5:04:00	420.5	118.7
0490		06:04:30	5:04:30	422.5	118.7

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs) (delta)	Temp. (deg F)
0491	95-09-21	06:05:00	5:05:00	424.1	118.7
0492		06:05:30	5:05:30	425.6	118.7
0493		06:06:00	5:06:00	427.6	118.7
0494		06:06:30	5:06:30	429.2	118.8
0495		06:07:00	5:07:00	430.8	118.8
0496		06:07:30	5:07:30	432.3	118.8
0497		06:08:00	5:08:00	434.3	118.8
0498		06:08:30	5:08:30	435.9	118.8
0499		06:09:00	5:09:00	437.4	118.8
0500		06:09:30	5:09:30	439.0	118.8
0501		06:10:00	5:10:00	440.6	118.8
0502		06:10:30	5:10:30	442.2	118.8
0503		06:11:00	5:11:00	444.1	118.8
0504		06:11:30	5:11:30	445.7	118.9
0505		06:12:00	5:12:00	447.3	118.9
0506		06:12:30	5:12:30	448.8	118.9
0507		06:13:00	5:13:00	450.4	118.9
0508		06:13:30	5:13:30	452.4	118.9
0509		06:14:00	5:14:00	454.0	118.9
0510		06:14:30	5:14:30	455.5	118.9
0511		06:15:00	5:15:00	457.1	118.9
0512		06:15:30	5:15:30	458.7	118.9
0513		06:16:00	5:16:00	460.3	118.9
0514		06:16:30	5:16:30	461.8	119.0
0515		06:17:00	5:17:00	463.4	119.0
0516		06:17:30	5:17:30	465.0	119.0
0517		06:18:00	5:18:00	466.5	119.0
0518		06:18:30	5:18:30	468.1	119.0
0519		06:19:00	5:19:00	469.7	119.0
0520		06:19:30	5:19:30	471.3	119.0
0521		06:20:00	5:20:00	472.8	119.0
0522		06:20:30	5:20:30	474.4	119.0
0523		06:21:00	5:21:00	476.0	119.0
0524		06:21:30	5:21:30	477.6	119.0
0525		06:22:00	5:22:00	479.1	119.0
0526		06:22:30	5:22:30	480.7	119.0
0527		06:23:00	5:23:00	482.3	119.0
0528		06:23:30	5:23:30	483.8	119.0
0529		06:24:00	5:24:00	485.4	119.0
0530		06:24:30	5:24:30	487.0	119.0
0531		06:25:00	5:25:00	488.6	119.1
0532		06:25:30	5:25:30	490.1	119.1
0533		06:26:00	5:26:00	491.7	119.1
0534		06:26:30	5:26:30	493.3	119.1
0535		06:27:00	5:27:00	494.9	119.1
0536		06:27:30	5:27:30	496.4	119.1
0537		06:28:00	5:28:00	497.6	119.1
0538		06:28:30	5:28:30	499.2	119.1
0539		06:29:00	5:29:00	500.8	119.1

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs) (delta)	Temp. (deg F)
0540	95-09-21	06:29:30	5:29:30	502.3	119.1
0541		06:30:00	5:30:00	503.9	119.1
0542		06:30:30	5:30:30	505.5	119.2
0543		06:31:00	5:31:00	506.7	119.2
0544		06:31:30	5:31:30	508.2	119.2
0545		06:32:00	5:32:00	509.8	119.2
0546		06:32:30	5:32:30	511.4	119.2
0547		06:33:00	5:33:00	512.6	119.2
0548		06:33:30	5:33:30	514.1	119.2
0549		06:34:00	5:34:00	515.7	119.2
0550		06:34:30	5:34:30	517.3	119.2
0551		06:35:00	5:35:00	518.8	119.2
0552		06:35:30	5:35:30	520.0	119.2
0553		06:36:00	5:36:00	521.6	119.2
0554		06:36:30	5:36:30	522.8	119.2
0555		06:37:00	5:37:00	524.3	119.2
0556		06:37:30	5:37:30	525.9	119.2
0557		06:38:00	5:38:00	527.5	119.2
0558		06:38:30	5:38:30	528.7	119.2
0559		06:39:00	5:39:00	530.7	119.2
0560		06:39:30	5:39:30	531.8	119.3
0561		06:40:00	5:40:00	533.4	119.3
0562		06:40:30	5:40:30	535.0	119.3
0563		06:41:00	5:41:00	536.2	119.3
0564		06:41:30	5:41:30	537.7	119.3
0565		06:42:00	5:42:00	539.3	119.3
0566		06:42:30	5:42:30	540.5	119.3
0567		06:43:00	5:43:00	542.1	119.3
0568		06:43:30	5:43:30	543.7	119.3
0569		06:44:00	5:44:00	544.9	119.3
0570		06:44:30	5:44:30	546.4	119.3
0571		06:45:00	5:45:00	548.0	119.4
0572		06:45:30	5:45:30	549.2	119.4
0573		06:46:00	5:46:00	550.8	119.4
0574		06:46:30	5:46:30	552.0	119.4
0575		06:47:00	5:47:00	553.5	119.4
0576		06:47:30	5:47:30	555.1	119.4
0577		06:48:00	5:48:00	556.3	119.4
0578		06:48:30	5:48:30	557.9	119.4
0579		06:49:00	5:49:00	559.1	119.4
0580		06:49:30	5:49:30	560.7	119.4
0581		06:50:00	5:50:00	561.8	119.4
0582		06:50:30	5:50:30	563.4	119.4
0583		06:51:00	5:51:00	564.6	119.5
0584		06:51:30	5:51:30	566.2	119.5
0585		06:52:00	5:52:00	567.4	119.5
0586		06:52:30	5:52:30	569.0	119.5
0587		06:53:00	5:53:00	570.5	119.5
0588		06:53:30	5:53:30	571.7	119.5

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs) (delta)	Temp. (deg F)
0589	95-09-21	06:54:00	5:54:00	572.9	1.2 119.5
0590		06:54:30	5:54:30	574.5	1.6 119.5
0591		06:55:00	5:55:00	575.7	1.2 119.5
0592		06:55:30	5:55:30	576.9	1.2 119.5
0593		06:56:00	5:56:00	578.4	1.6 119.5
0594		06:56:30	5:56:30	579.6	1.2 119.5
0595		06:57:00	5:57:00	581.2	1.6 119.5
0596		06:57:30	5:57:30	582.4	1.2 119.5
0597		06:58:00	5:58:00	584.0	1.6 119.5
0598		06:58:30	5:58:30	585.2	1.2 119.5
0599		06:59:00	5:59:00	586.4	1.2 119.5
0600		06:59:30	5:59:30	587.9	1.6 119.5
0601		07:00:00	6:00:00	589.1	1.2 119.5
0602		07:00:30	6:00:30	590.7	1.6 119.6
0603		07:01:00	6:01:00	591.9	1.2 119.6
0604		07:01:30	6:01:30	593.5	1.6 119.6
0605		07:02:00	6:02:00	594.7	1.2 119.6
0606		07:02:30	6:02:30	595.8	1.2 119.6
0607		07:03:00	6:03:00	597.0	1.2 119.6
0608		07:03:30	6:03:30	598.6	1.6 119.6
0609		07:04:00	6:04:00	599.8	1.2 119.6
0610		07:04:30	6:04:30	601.0	1.2 119.6
0611		07:05:00	6:05:00	602.6	1.6 119.6
0612		07:05:30	6:05:30	603.7	1.2 119.6
0613		07:06:00	6:06:00	605.3	1.6 119.6
0614		07:06:30	6:06:30	606.5	1.2 119.6
0615		07:07:00	6:07:00	607.7	1.2 119.7
0616		07:07:30	6:07:30	608.9	1.2 119.7
0617		07:08:00	6:08:00	610.5	1.6 119.7
0618		07:08:30	6:08:30	611.6	1.2 119.7
0619		07:09:00	6:09:00	612.8	1.2 119.7
0620		07:09:30	6:09:30	614.0	1.2 119.7
0621		07:10:00	6:10:00	615.6	1.6 119.7
0622		07:10:30	6:10:30	616.8	1.2 119.7
0623		07:11:00	6:11:00	618.0	1.2 119.7
0624		07:11:30	6:11:30	619.2	1.2 119.7
0625		07:12:00	6:12:00	620.7	1.6 119.7
0626		07:12:30	6:12:30	621.9	1.2 119.7
0627		07:13:00	6:13:00	623.1	1.2 119.7
0628		07:13:30	6:13:30	624.3	1.2 119.7
0629		07:14:00	6:14:00	625.5	1.2 119.7
0630		07:14:30	6:14:30	626.7	1.2 119.7
0631		07:15:00	6:15:00	628.2	1.6 119.7
0632		07:15:30	6:15:30	629.4	1.2 119.7
0633		07:16:00	6:16:00	630.6	1.2 119.7
0634		07:16:30	6:16:30	631.8	1.2 119.7
0635		07:17:00	6:17:00	633.4	1.6 119.8
0636		07:17:30	6:17:30	634.6	1.2 119.8
0637		07:18:00	6:18:00	635.7	1.2 119.8

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs) (delta)	Temp. (deg F)	
0638	95-09-21	07:18:30	6:18:30	636.9	1.2	119.8
0639		07:19:00	6:19:00	638.1	1.2	119.8
0640		07:19:30	6:19:30	639.3	1.2	119.8
0641		07:20:00	6:20:00	640.9	1.6	119.8
0642		07:20:30	6:20:30	642.1	1.2	119.8
0643		07:21:00	6:21:00	643.3	1.2	119.8
0644		07:21:30	6:21:30	644.4	1.2	119.8
0645		07:22:00	6:22:00	645.6	1.2	119.8
0646		07:22:30	6:22:30	646.8	1.2	119.8
0647		07:23:00	6:23:00	648.0	1.2	119.8
0648		07:23:30	6:23:30	649.2	1.2	119.9
0649		07:24:00	6:24:00	650.4	1.2	119.9
0650		07:24:30	6:24:30	652.0	1.6	119.9
0651		07:25:00	6:25:00	652.7	0.8	119.9
0652		07:25:30	6:25:30	653.9	1.2	119.9
0653		07:26:00	6:26:00	655.5	1.6	119.9
0654		07:26:30	6:26:30	656.7	1.2	119.9
0655		07:27:00	6:27:00	657.9	1.2	119.9
0656		07:27:30	6:27:30	659.1	1.2	119.9
0657		07:28:00	6:28:00	660.2	1.2	119.9
0658		07:28:30	6:28:30	661.4	1.2	119.9
0659		07:29:00	6:29:00	662.6	1.2	119.9
0660		07:29:30	6:29:30	663.8	1.2	119.9
0661		07:30:00	6:30:00	665.0	1.2	119.9
0662		07:30:30	6:30:30	666.2	1.2	120.0
0663		07:31:00	6:31:00	667.4	1.2	120.0
0664		07:31:30	6:31:30	668.2	0.8	120.0
0665		07:32:00	6:32:00	669.7	1.6	120.0
0666		07:32:30	6:32:30	670.9	1.2	120.0
0667		07:33:00	6:33:00	671.7	0.8	120.0
0668		07:33:30	6:33:30	672.9	1.2	120.0
0669		07:34:00	6:34:00	674.5	1.6	120.0
0670		07:34:30	6:34:30	675.3	0.8	120.0
0671		07:35:00	6:35:00	676.8	1.6	120.0
0672		07:35:30	6:35:30	677.6	0.8	120.0
0673		07:36:00	6:36:00	678.8	1.2	120.0
0674		07:36:30	6:36:30	680.0	1.2	120.0
0675		07:37:00	6:37:00	681.2	1.2	120.0
0676		07:37:30	6:37:30	682.4	1.2	120.0
0677		07:38:00	6:38:00	683.6	1.2	120.0
0678		07:38:30	6:38:30	684.7	1.2	120.0
0679		07:39:00	6:39:00	685.5	0.8	120.0
0680		07:39:30	6:39:30	2059.3	1373.8	120.0
0681		07:40:00	6:40:00	2218.8	159.5	120.1
0682		07:40:30	6:40:30	2229.5	10.7	120.2
0683		07:41:00	6:41:00	2221.9	-7.6	120.2
0684		07:41:30	6:41:30	2211.5	-10.4	120.3
0685		07:42:00	6:42:00	2204.7	-6.8	120.3
0686		07:42:30	6:42:30	2200.6	-4.0	120.4

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs) (delta)	Temp. (deg F)	
0687	95-09-21	07:43:00	6:43:00	2197.4	-3.2	120.4
0688		07:43:30	6:43:30	2195.4	-2.0	120.5
0689		07:44:00	6:44:00	2167.0	-28.4	120.5
0690		07:44:30	6:44:30	2232.8	65.8	120.5
0691		07:45:00	6:45:00	2234.4	1.6	120.5
0692		07:45:30	6:45:30	2224.4	-10.0	120.5
0693		07:46:00	6:46:00	2217.3	-7.2	120.5
0694		07:46:30	6:46:30	2179.7	-37.5	120.6
0695		07:47:00	6:47:00	2293.8	114.1	120.5
0696		07:47:30	6:47:30	2195.1	-98.8	120.4
0697		07:48:00	6:48:00	2137.8	-57.3	120.2
0698		07:48:30	6:48:30	2100.5	-37.3	119.9
0699		07:49:00	6:49:00	2153.0	52.5	119.6
0700		07:49:30	6:49:30	2080.7	-72.3	119.2
0701		07:50:00	6:50:00	2127.6	46.9	119.0
0702		07:50:30	6:50:30	2126.6	-1.0	118.7
0703		07:51:00	6:51:00	2091.3	-35.3	118.4
0704		07:51:30	6:51:30	2129.5	38.1	118.1
0705		07:52:00	6:52:00	2120.5	-8.9	117.8
0706		07:52:30	6:52:30	2112.0	-8.5	117.5
0707		07:53:00	6:53:00	2060.3	-51.7	117.3
0708		07:53:30	6:53:30	2099.6	39.3	117.1
0709		07:54:00	6:54:00	2052.3	-47.3	116.8
0710		07:54:30	6:54:30	2026.6	-25.7	116.6
0711		07:55:00	6:55:00	2065.5	38.9	116.3
0712		07:55:30	6:55:30	2017.0	-48.5	116.1
0713		07:56:00	6:56:00	2039.9	22.9	115.8
0714		07:56:30	6:56:30	2030.2	-9.7	115.5
0715		07:57:00	6:57:00	1972.6	-57.6	115.2
0716		07:57:30	6:57:30	2011.9	39.3	115.0
0717		07:58:00	6:58:00	1999.4	-12.5	114.6
0718		07:58:30	6:58:30	1937.4	-62.0	114.3
0719		07:59:00	6:59:00	1979.5	42.1	114.0
0720		07:59:30	6:59:30	1925.5	-54.0	113.7
0721		08:00:00	7:00:00	1952.4	26.9	113.4
0722		08:00:30	7:00:30	1944.7	-7.8	113.1
0723		08:01:00	7:01:00	1886.7	-58.0	112.8
0724		08:01:30	7:01:30	1921.2	34.6	112.5
0725		08:02:00	7:02:00	1882.8	-38.5	112.2
0726		08:02:30	7:02:30	1884.5	1.8	112.0
0727		08:03:00	7:03:00	1888.3	3.8	111.7
0728		08:03:30	7:03:30	1838.7	-49.7	111.4
0729		08:04:00	7:04:00	1862.0	23.3	111.2
0730		08:04:30	7:04:30	1793.5	-68.5	110.9
0731		08:05:00	7:05:00	1819.6	26.1	110.7
0732		08:05:30	7:05:30	1830.1	10.5	110.5
0733		08:06:00	7:06:00	1775.6	-54.6	110.4
0734		08:06:30	7:06:30	1804.8	29.3	110.2
0735		08:07:00	7:07:00	1796.9	-7.9	110.1

Company: PETROGLYPH OPERATING CO., INC  
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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs) (delta)	Temp. (deg F)
0736	95-09-21	08:07:30	7:07:30	1735.9	-61.0 110.0
0737		08:08:00	7:08:00	1770.4	34.4 109.8
0738		08:08:30	7:08:30	1721.8	-48.6 109.7
0739		08:09:00	7:09:00	1746.2	24.5 109.5
0740		08:09:30	7:09:30	1738.0	-8.2 109.3
0741		08:10:00	7:10:00	1679.5	-58.5 109.1
0742		08:10:30	7:10:30	1713.1	33.7 108.9
0743		08:11:00	7:11:00	1665.0	-48.2 108.7
0744		08:11:30	7:11:30	1685.9	20.9 108.5
0745		08:12:00	7:12:00	1680.0	-5.8 108.3
0746		08:12:30	7:12:30	1622.3	-57.7 108.0
0747		08:13:00	7:13:00	1653.3	31.0 107.7
0748		08:13:30	7:13:30	1605.9	-47.3 107.5
0749		08:14:00	7:14:00	1626.9	20.9 107.2
0750		08:14:30	7:14:30	1619.1	-7.8 107.0
0751		08:15:00	7:15:00	1563.3	-55.8 106.7
0752		08:15:30	7:15:30	1594.6	31.3 106.5
0753		08:16:00	7:16:00	1551.2	-43.4 106.4
0754		08:16:30	7:16:30	1565.7	14.5 106.2
0755		08:17:00	7:17:00	1559.8	-5.9 106.0
0756		08:17:30	7:17:30	1502.8	-56.9 105.8
0757		08:18:00	7:18:00	1533.3	30.5 105.6
0758		08:18:30	7:18:30	1495.1	-38.2 105.4
0759		08:19:00	7:19:00	1512.1	16.9 105.2
0760		08:19:30	7:19:30	1501.1	-11.0 104.9
0761		08:20:00	7:20:00	1444.6	-56.5 104.6
0762		08:20:30	7:20:30	1475.4	30.9 104.4
0763		08:21:00	7:21:00	1426.5	-49.0 104.2
0764		08:21:30	7:21:30	1450.5	24.1 104.0
0765		08:22:00	7:22:00	1443.9	-6.7 103.9
0766		08:22:30	7:22:30	1395.2	-48.7 103.8
0767		08:23:00	7:23:00	1416.9	21.7 103.6
0768		08:23:30	7:23:30	1383.0	-33.9 103.5
0769		08:24:00	7:24:00	1398.7	15.7 103.4
0770		08:24:30	7:24:30	1382.0	-16.7 103.2
0771		08:25:00	7:25:00	1331.8	-50.2 103.1
0772		08:25:30	7:25:30	1354.6	22.9 102.9
0773		08:26:00	7:26:00	1311.6	-43.0 102.7
0774		08:26:30	7:26:30	1323.7	12.1 102.5
0775		08:27:00	7:27:00	1321.5	-2.2 102.2
0776		08:27:30	7:27:30	1268.2	-53.3 102.0
0777		08:28:00	7:28:00	1295.6	27.4 101.5
0778		08:28:30	7:28:30	1265.6	-30.0 101.1
0779		08:29:00	7:29:00	1270.2	4.7 100.6
0780		08:29:30	7:29:30	1264.9	-5.3 100.2
0781		08:30:00	7:30:00	1216.1	-48.8 99.8
0782		08:30:30	7:30:30	1237.0	20.9 99.5
0783		08:31:00	7:31:00	1199.6	-37.4 99.2
0784		08:31:30	7:31:30	1209.3	9.7 99.0

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0785	95-09-21	08:32:00	7:32:00	1203.9	-5.5	98.8
0786		08:32:30	7:32:30	1158.5	-45.4	98.7
0787		08:33:00	7:33:00	1176.5	18.0	98.5
0788		08:33:30	7:33:30	1172.6	-3.9	98.4
0789		08:34:00	7:34:00	1169.5	-3.1	98.3
0790		08:34:30	7:34:30	1134.8	-34.6	98.2
0791		08:35:00	7:35:00	1148.9	14.0	98.0
0792		08:35:30	7:35:30	1145.0	-3.9	97.9
0793		08:36:00	7:36:00	1096.8	-48.2	97.7
0794		08:36:30	7:36:30	1116.4	19.7	97.6
0795		08:37:00	7:37:00	1100.5	-15.9	97.4
0796		08:37:30	7:37:30	1087.5	-13.1	97.2
0797		08:38:00	7:38:00	1084.8	-2.7	97.1
0798		08:38:30	7:38:30	1044.2	-40.6	97.0
0799		08:39:00	7:39:00	1055.4	11.2	96.8
0800		08:39:30	7:39:30	1007.3	-48.1	96.6
0801		08:40:00	7:40:00	1025.7	18.4	96.5
0802		08:40:30	7:40:30	983.2	-42.5	96.3
0803		08:41:00	7:41:00	996.4	13.2	96.2
0804		08:41:30	7:41:30	955.9	-40.5	96.0
0805		08:42:00	7:42:00	967.5	11.6	95.9
0806		08:42:30	7:42:30	928.6	-39.0	95.7
0807		08:43:00	7:43:00	937.8	9.2	95.6
0808		08:43:30	7:43:30	911.6	-26.2	95.5
0809		08:44:00	7:44:00	908.5	-3.1	95.3
0810		08:44:30	7:44:30	871.1	-37.4	95.2
0811		08:45:00	7:45:00	877.5	6.4	95.1
0812		08:45:30	7:45:30	838.6	-39.0	95.0
0813		08:46:00	7:46:00	848.2	9.6	94.8
0814		08:46:30	7:46:30	835.9	-12.3	94.7
0815		08:47:00	7:47:00	818.0	-17.9	94.7
0816		08:47:30	7:47:30	816.1	-1.9	94.6
0817		08:48:00	7:48:00	787.8	-28.3	94.5
0818		08:48:30	7:48:30	786.7	-1.2	94.5
0819		08:49:00	7:49:00	736.5	-50.2	94.4
0820		08:49:30	7:49:30	756.8	20.3	94.4
0821		08:50:00	7:50:00	718.6	-38.2	94.3
0822		08:50:30	7:50:30	726.6	8.0	94.3
0823		08:51:00	7:51:00	701.1	-25.5	94.2
0824		08:51:30	7:51:30	697.6	-3.6	94.2
0825		08:52:00	7:52:00	659.8	-37.8	94.2
0826		08:52:30	7:52:30	667.7	8.0	94.1
0827		08:53:00	7:53:00	626.7	-41.0	94.1
0828		08:53:30	7:53:30	638.3	11.6	94.0
0829		08:54:00	7:54:00	598.1	-40.2	94.0
0830		08:54:30	7:54:30	608.5	10.4	93.9
0831		08:55:00	7:55:00	579.5	-29.0	93.6
0832		08:55:30	7:55:30	579.3	-0.2	93.2
0833		08:56:00	7:56:00	562.8	-16.5	92.7

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0834	95-09-21	08:56:30	7:56:30	550.3	-12.5	92.2
0835		08:57:00	7:57:00	537.9	-12.4	91.6
0836		08:57:30	7:57:30	520.3	-17.6	91.0
0837		08:58:00	7:58:00	519.7	-0.6	90.5
0838		08:58:30	7:58:30	490.5	-29.2	90.1
0839		08:59:00	7:59:00	489.5	-1.0	89.6
0840		08:59:30	7:59:30	461.1	-28.4	89.1
0841		09:00:00	8:00:00	460.6	-0.5	88.5
0842		09:00:30	8:00:30	415.9	-44.7	88.0
0843		09:01:00	8:01:00	432.0	16.1	87.5
0844		09:01:30	8:01:30	389.8	-42.3	86.9
0845		09:02:00	8:02:00	403.5	13.7	86.4
0846		09:02:30	8:02:30	358.0	-45.5	85.9
0847		09:03:00	8:03:00	374.5	16.5	85.3
0848		09:03:30	8:03:30	329.8	-44.7	84.8
0849		09:04:00	8:04:00	344.7	14.9	84.2
0850		09:04:30	8:04:30	300.4	-44.3	83.7
0851		09:05:00	8:05:00	314.1	13.7	83.2
0852		09:05:30	8:05:30	274.9	-39.2	82.7
0853		09:06:00	8:06:00	286.2	11.3	82.2
0854		09:06:30	8:06:30	285.2	-1.0	81.8
0855		09:07:00	8:07:00	284.2	-1.1	81.5
0856		09:07:30	8:07:30	282.3	-1.9	81.1
0857		09:08:00	8:08:00	280.8	-1.5	80.9
0858		09:08:30	8:08:30	279.3	-1.5	80.6
0859		09:09:00	8:09:00	279.0	-0.3	80.5
0860		09:09:30	8:09:30	279.0	0.1	80.2
0861		09:10:00	8:10:00	279.1	0.0	80.1
0862		09:10:30	8:10:30	278.8	-0.3	80.0
0863		09:11:00	8:11:00	243.8	-35.0	79.8
0864		09:11:30	8:11:30	253.8	10.0	79.7
0865		09:12:00	8:12:00	252.2	-1.6	79.6
0866		09:12:30	8:12:30	213.2	-39.0	79.5
0867		09:13:00	8:13:00	225.6	12.4	79.4
0868		09:13:30	8:13:30	223.7	-1.9	79.2
0869		09:14:00	8:14:00	187.2	-36.6	79.0
0870		09:14:30	8:14:30	197.6	10.4	78.7
0871		09:15:00	8:15:00	196.5	-1.1	78.4
0872		09:15:30	8:15:30	167.5	-29.0	78.2
0873		09:16:00	8:16:00	169.2	1.7	77.9
0874		09:16:30	8:16:30	126.7	-42.5	77.6
0875		09:17:00	8:17:00	142.0	15.2	77.3
0876		09:17:30	8:17:30	141.2	-0.7	77.0
0877		09:18:00	8:18:00	111.4	-29.8	76.8
0878		09:18:30	8:18:30	114.3	2.9	76.5
0879		09:19:00	8:19:00	114.0	-0.3	76.3
0880		09:19:30	8:19:30	85.4	-28.6	76.0
0881		09:20:00	8:20:00	86.2	0.9	75.8
0882		09:20:30	8:20:30	85.9	-0.3	75.5

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs) (delta)	Temp. (deg F)	
0883	95-09-21	09:21:00	8:21:00	81.2	-4.7	75.3
0884		09:21:30	8:21:30	57.3	-23.8	75.1
0885		09:22:00	8:22:00	57.4	0.1	74.9
0886		09:22:30	8:22:30	57.5	0.1	74.7
0887		09:23:00	8:23:00	32.8	-24.6	74.5
0888		09:23:30	8:23:30	32.9	0.1	74.3
0889		09:24:00	8:24:00	32.6	-0.3	74.1
0890		09:24:30	8:24:30	32.6	0.1	73.9
0891		09:25:00	8:25:00	32.3	-0.4	73.8
0892		09:25:30	8:25:30	32.3	0.0	73.6
0893		09:26:00	8:26:00	32.3	0.0	73.4
0894		09:26:30	8:26:30	32.4	0.0	73.3
0895		09:27:00	8:27:00	32.4	0.0	73.2
0896		09:27:30	8:27:30	32.0	-0.4	73.1
0897		09:28:00	8:28:00	32.0	0.0	73.0
0898		09:28:30	8:28:30	32.1	0.0	72.9
0899		09:29:00	8:29:00	31.7	-0.4	72.8
0900		09:29:30	8:29:30	31.7	0.0	72.8
0901		09:30:00	8:30:00	31.7	0.0	72.7
0902		09:30:30	8:30:30	31.7	0.0	72.7
0903		09:31:00	8:31:00	31.7	0.0	72.6
0904		09:31:30	8:31:30	31.7	0.0	72.6
0905		09:32:00	8:32:00	31.8	0.0	72.5
0906		09:32:30	8:32:30	31.4	-0.4	72.5
0907		09:33:00	8:33:00	31.4	0.0	72.5
0908		09:33:30	8:33:30	31.4	0.0	72.4
0909		09:34:00	8:34:00	31.4	0.0	72.4
0910		09:34:30	8:34:30	31.4	0.0	72.4
0911		09:35:00	8:35:00	31.0	-0.4	72.3
0912		09:35:30	8:35:30	23.1	-7.9	72.3
0913		09:36:00	8:36:00	21.1	-2.0	72.3
0914		09:36:30	8:36:30	19.1	-2.0	72.3
0915		09:37:00	8:37:00	19.1	0.0	72.2
0916		09:37:30	8:37:30	19.2	0.0	72.1
0917		09:38:00	8:38:00	19.2	0.1	71.8
0918		09:38:30	8:38:30	19.4	0.1	71.3
0919		09:39:00	8:39:00	19.6	0.2	70.4
0920		09:39:30	8:39:30	20.4	0.8	68.6
0921		09:40:00	8:40:00	21.3	0.9	66.3
0922		09:40:30	8:40:30	21.8	0.5	64.3
0923		09:41:00	8:41:00	22.2	0.4	62.7
0924		09:41:30	8:41:30	22.5	0.3	61.5
0925		09:42:00	8:42:00	22.4	-0.2	60.6
0926		09:42:30	8:42:30	22.5	0.2	59.9
0927		09:43:00	8:43:00	22.3	-0.3	59.3
0928		09:43:30	8:43:30	22.4	0.1	58.9
0929		09:44:00	8:44:00	22.0	-0.3	58.6
0930		09:44:30	8:44:30	22.1	0.1	58.4
0931		09:45:00	8:45:00	21.7	-0.4	58.3

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs) (delta)	Temp. (deg F)
0932	95-09-21	09:45:30	8:45:30	21.8	0.0
0933		09:46:00	8:46:00	21.4	-0.4
0934		09:46:30	8:46:30	21.4	0.0
0935		09:47:00	8:47:00	21.0	-0.4
0936		09:47:30	8:47:30	21.0	0.0
0937		09:48:00	8:48:00	21.0	0.0
0938		09:48:30	8:48:30	20.6	-0.4
0939		09:49:00	8:49:00	20.7	0.0
0940		09:49:30	8:49:30	20.3	-0.4
0941		09:50:00	8:50:00	20.3	0.0
0942		09:50:30	8:50:30	20.3	0.0
0943		09:51:00	8:51:00	20.3	0.0
0944		09:51:30	8:51:30	19.9	-0.4
0945		09:52:00	8:52:00	19.9	0.0
0946		09:52:30	8:52:30	19.9	0.0
0947		09:53:00	8:53:00	19.9	0.0
0948		09:53:30	8:53:30	19.9	0.0
0949		09:54:00	8:54:00	19.5	-0.4
0950		09:54:30	8:54:30	19.5	0.0
0951		09:55:00	8:55:00	19.5	0.0
0952		09:55:30	8:55:30	19.5	0.0
0953		09:56:00	8:56:00	19.5	0.0
0954		09:56:30	8:56:30	19.5	0.0
0955		09:57:00	8:57:00	19.5	0.0
0956		09:57:30	8:57:30	19.1	-0.4
0957		09:58:00	8:58:00	19.1	0.0
0958		09:58:30	8:58:30	19.1	0.0
0959		09:59:00	8:59:00	19.1	0.0
0960		09:59:30	8:59:30	19.1	0.0
0961		10:00:00	9:00:00	19.1	0.0
0962		10:00:30	9:00:30	19.1	0.0
0963		10:01:00	9:01:00	19.1	0.0
0964		10:01:30	9:01:30	19.1	0.0
0965		10:02:00	9:02:00	18.7	-0.4
0966		10:02:30	9:02:30	18.7	0.0
0967		10:03:00	9:03:00	18.7	0.0
0968		10:03:30	9:03:30	18.8	0.0
0969		10:04:00	9:04:00	18.8	0.0
0970		10:04:30	9:04:30	18.8	0.0
0971		10:05:00	9:05:00	18.8	0.0
0972		10:05:30	9:05:30	18.8	0.0
0973		10:06:00	9:06:00	18.8	0.0
0974		10:06:30	9:06:30	18.8	0.0
0975		10:07:00	9:07:00	18.8	0.0
0976		10:07:30	9:07:30	18.8	0.0
0977		10:08:00	9:08:00	18.8	0.0
0978		10:08:30	9:08:30	18.5	-0.3
0979		10:09:00	9:09:00	18.9	0.5
0980		10:09:30	9:09:30	19.0	0.1

Company: PETROGLYPH OPERATING CO., INC  
Well Name: HOEY #15-20

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs) (delta)	Temp. (deg F)	
0981	95-09-21	10:10:00	9:10:00	18.7	-0.3	56.1
0982		10:10:30	9:10:30	18.7	0.1	55.8
0983		10:11:00	9:11:00	18.8	0.1	55.6
0984		10:11:30	9:11:30	18.8	0.0	55.4
0985		10:12:00	9:12:00	18.9	0.0	55.3
0986		10:12:30	9:12:30	18.9	0.0	55.1
0987		10:13:00	9:13:00	18.9	0.0	55.1
0988		10:13:30	9:13:30	18.9	0.0	55.0
0989		10:14:00	9:14:00	18.9	0.0	54.9
0990		10:14:30	9:14:30	18.9	0.0	54.9
0991		10:15:00	9:15:00	19.0	0.0	54.9
0992		10:15:30	9:15:30	18.6	-0.4	54.8
0993		10:16:00	9:16:00	18.6	0.0	54.8
0994		10:16:30	9:16:30	18.6	0.0	54.8
0995		10:17:00	9:17:00	18.6	0.0	54.7
0996		10:17:30	9:17:30	18.6	0.0	54.7
0997		10:18:00	9:18:00	18.6	0.0	54.7
0998		10:18:30	9:18:30	18.6	0.0	54.7
0999		10:19:00	9:19:00	18.6	0.0	54.6
1000		10:19:30	9:19:30	18.6	0.0	54.6
1001		10:20:00	9:20:00	18.6	0.0	54.6
1002		10:20:30	9:20:30	18.6	0.0	54.6
1003		10:21:00	9:21:00	18.6	0.0	54.6
1004		10:21:30	9:21:30	18.2	-0.4	54.6
1005		10:22:00	9:22:00	18.2	0.0	54.6
1006		10:22:30	9:22:30	18.2	0.0	54.6
1007		10:23:00	9:23:00	18.2	0.0	54.6
1008		10:23:30	9:23:30	18.2	0.0	54.5
1009		10:24:00	9:24:00	18.2	0.0	54.5
1010		10:24:30	9:24:30	18.2	-0.0	54.6
1011		10:25:00	9:25:00	18.2	0.0	54.6
1012		10:25:30	9:25:30	18.2	0.0	54.6
1013		10:26:00	9:26:00	18.2	-0.0	54.6
1014		10:26:30	9:26:30	18.2	0.0	54.6
1015		10:27:00	9:27:00	18.2	-0.0	54.6
1016		10:27:30	9:27:30	18.2	0.0	54.6
1017		10:28:00	9:28:00	18.2	0.0	54.6
1018		10:28:30	9:28:30	18.2	0.0	54.6
1019		10:29:00	9:29:00	18.2	0.0	54.6
1020		10:29:30	9:29:30	18.2	0.0	54.6
1021		10:30:00	9:30:00	18.2	-0.0	54.7
1022		10:30:30	9:30:30	18.2	0.0	54.7
1023		10:31:00	9:31:00	18.2	0.0	54.7
1024		10:31:30	9:31:30	18.2	0.0	54.6
1025		10:32:00	9:32:00	18.2	0.0	54.6
1026		10:32:30	9:32:30	18.2	0.0	54.5
1027		10:33:00	9:33:00	18.3	0.0	54.4
1028		10:33:30	9:33:30	18.3	0.0	54.3
1029		10:34:00	9:34:00	18.3	0.0	54.1

Company: PETROGLYPH OPERATING CO., INC  
 Well Name: HOEY #15-20

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	(delta)	Temp. (deg F)
1030	95-09-21	10:34:30	9:34:30	18.3	0.0	54.1
1031		10:35:00	9:35:00	18.4	0.0	53.9
1032		10:35:30	9:35:30	18.4	0.0	53.9
1033		10:36:00	9:36:00	18.4	0.0	53.7
1034		10:36:30	9:36:30	18.4	0.0	53.6
1035		10:37:00	9:37:00	18.5	0.0	53.5
1036		10:37:30	9:37:30	18.5	0.0	53.4
1037		10:38:00	9:38:00	18.5	0.0	53.3
1038		10:38:30	9:38:30	18.6	0.0	53.2
1039		10:39:00	9:39:00	18.6	0.0	53.1
1040		10:39:30	9:39:30	18.6	0.0	53.0
1041		10:40:00	9:40:00	18.6	0.0	52.9
1042		10:40:30	9:40:30	18.6	0.0	52.9
1043		10:41:00	9:41:00	18.7	0.0	52.8
1044		10:41:30	9:41:30	18.7	0.0	52.7
1045		10:42:00	9:42:00	18.7	0.0	52.7
1046		10:42:30	9:42:30	18.3	-0.4	52.7
1047		10:43:00	9:43:00	18.3	0.0	52.7
1048		10:43:30	9:43:30	18.3	0.0	52.7
1049		10:44:00	9:44:00	18.3	0.0	52.7
1050		10:44:30	9:44:30	18.3	-0.0	52.7
1051		10:45:00	9:45:00	18.3	0.0	52.7
1052		10:45:30	9:45:30	18.3	-0.0	52.8
1053		10:46:00	9:46:00	18.3	0.0	52.8
1054		10:46:30	9:46:30	18.3	-0.0	52.8
1055		10:47:00	9:47:00	18.2	-0.0	52.9
1056		10:47:30	9:47:30	18.2	0.0	52.9
1057		10:48:00	9:48:00	18.2	-0.0	52.9
1058		10:48:30	9:48:30	18.2	-0.0	52.9
1059		10:49:00	9:49:00	18.2	-0.0	53.0
1060		10:49:30	9:49:30	18.2	-0.0	53.0
1061		10:50:00	9:50:00	17.8	-0.4	53.1
1062		10:50:30	9:50:30	17.8	-0.0	53.1
1063		10:51:00	9:51:00	17.8	-0.0	53.2
1064		10:51:30	9:51:30	18.2	0.4	53.2
1065		10:52:00	9:52:00	17.7	-0.4	53.3
1066		10:52:30	9:52:30	17.7	-0.0	53.3
1067		10:53:00	9:53:00	17.7	-0.0	53.4
1068		10:53:30	9:53:30	17.7	-0.0	53.4
1069		10:54:00	9:54:00	17.7	-0.0	53.4
1070		10:54:30	9:54:30	17.7	-0.0	53.5
1071		10:55:00	9:55:00	17.7	-0.0	53.5
1072		10:55:30	9:55:30	17.7	-0.0	53.6
1073		10:56:00	9:56:00	17.7	0.0	53.6
1074		10:56:30	9:56:30	18.1	0.4	53.6
1075		10:57:00	9:57:00	17.7	-0.4	53.6
1076		10:57:30	9:57:30	18.1	0.4	53.6
1077		10:58:00	9:58:00	18.1	0.0	53.6
1078		10:58:30	9:58:30	18.1	0.0	53.6

Company: PETROGLYPH OPERATING CO., INC  
 Well Name: HOEY #15-20

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs) (delta)	Temp. (deg F)	
1079	95-09-21	10:59:00	9:59:00	18.1	0.0	53.6
1080		10:59:30	9:59:30	18.1	0.0	53.5
1081		11:00:00	10:00:00	18.1	0.0	53.5
1082		11:00:30	10:00:30	18.1	0.0	53.5
1083		11:01:00	10:01:00	18.1	0.0	53.5
1084		11:01:30	10:01:30	18.1	0.0	53.5
1085		11:02:00	10:02:00	18.1	0.0	53.5
1086		11:02:30	10:02:30	17.7	-0.4	53.5
1087		11:03:00	10:03:00	17.7	0.0	53.5
1088		11:03:30	10:03:30	17.7	0.0	53.5
1089		11:04:00	10:04:00	17.7	0.0	53.5
1090		11:04:30	10:04:30	17.7	0.0	53.5
1091		11:05:00	10:05:00	17.7	0.0	53.4
1092		11:05:30	10:05:30	17.7	0.0	53.4
1093		11:06:00	10:06:00	17.7	0.0	53.4
1094		11:06:30	10:06:30	18.1	0.4	53.4
1095		11:07:00	10:07:00	17.7	-0.4	53.4
1096		11:07:30	10:07:30	17.7	0.0	53.4
1097		11:08:00	10:08:00	18.1	0.4	53.4
1098		11:08:30	10:08:30	17.7	-0.4	53.4
1099		11:09:00	10:09:00	17.7	0.0	53.4
1100		11:09:30	10:09:30	18.1	0.4	53.4
1101		11:10:00	10:10:00	17.7	-0.4	53.4
1102		11:10:30	10:10:30	17.7	0.0	53.4
1103		11:11:00	10:11:00	17.7	0.0	53.4
1104		11:11:30	10:11:30	17.7	0.0	53.4
1105		11:12:00	10:12:00	18.1	0.4	53.4
1106		11:12:30	10:12:30	17.7	-0.4	53.4
1107		11:13:00	10:13:00	17.7	0.0	53.4
1108		11:13:30	10:13:30	17.7	0.0	53.4
1109		11:14:00	10:14:00	17.7	0.0	53.4
1110		11:14:30	10:14:30	17.7	0.0	53.3
1111		11:15:00	10:15:00	18.1	0.4	53.3
1112		11:15:30	10:15:30	18.2	0.0	53.1
1113		11:16:00	10:16:00	18.3	0.1	52.8
1114		11:16:30	10:16:30	18.4	0.2	52.2
1115		11:17:00	10:17:00	18.6	0.2	51.5
1116		11:17:30	10:17:30	18.7	0.2	50.8
1117		11:18:00	10:18:00	18.9	0.2	50.0
1118		11:18:30	10:18:30	19.1	0.2	49.2

DST REPORT

GENERAL INFORMATION

DATE : 9-22-95  
CUSTOMER : PETROGLYPH OPERATING CO.  
WELL : #15-20 TEST: 3  
ELEVATION: 1726 KB  
SECTION : 20  
RANGE : 14W COUNTY: BARBER  
GAUGE SN#: 2604 RANGE : 4150  
TICKET : 21285  
LEASE : HOEY  
GEOLOGIST: WILLIAMS  
FORMATION: MISSISSIPPI  
TOWNSHIP : 33S  
STATE : KS  
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4763.00 ft TO: 4830.00 ft TVD: 4830.0 ft  
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL  
DEPTH OF RECORDERS: 4785.0 ft 4788.0 ft  
TEMPERATURE: 123.0  
DRILL COLLAR LENGTH: 533.0 ft I.D.: 2.250 in  
WEIGHT PIPE LENGTH : 0.0 ft I.D.: 0.000 in  
DRILL PIPE LENGTH : 4202.0 ft I.D.: 3.800 in  
TEST TOOL LENGTH : 28.0 ft TOOL SIZE : 5.500 in  
ANCHOR LENGTH : 67.0 ft ANCHOR SIZE: 5.500 in  
SURFACE CHOKE SIZE : 0.750 in BOTTOM CHOKE SIZE: 0.750 in  
MAIN HOLE SIZE : 7.875 in TOOL JOINT SIZE : 4.5XH  
PACKER DEPTH: 4758.0 ft SIZE: 6.630 in  
PACKER DEPTH: 4763.0 ft SIZE: 6.630 in  
PACKER DEPTH: 0.0 ft SIZE: 0.000 in  
PACKER DEPTH: 0.0 ft SIZE: 0.000 in

MUD INFORMATION

DRILLING CON. : DUKE DRILLING #5  
MUD TYPE : CHEMICAL VISCOSITY : 58.00 cp  
WEIGHT : 9.100 ppg WATER LOSS: 10.000 cc  
CHLORIDES : 6000 ppm  
JARS-MAKE : WTC SERIAL NUMBER: 411  
DID WELL FLOW?: NO REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD-VERY WEAK 1/2 INCH BLOW.  
FINAL FLOW PERIOD-SURFACE BLOW FOR 7 MINUTES &  
DIED.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
15.0	0.0	0.0	0.0	100.0	MUD

RATE INFORMATION

OIL VOLUME:	0.0000	STB	TOTAL FLOW TIME:	95.0000	min.
GAS VOLUME:	0.0000	SCF	AVERAGE OIL RATE:	0.0000	STB/D
MUD VOLUME:	0.0738	STB	AVERAGE WATER RATE:	0.0000	STB/D
WATER VOLUME:	0.0000	STB			
TOTAL FLUID :	0.0738	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2316.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	21.00	21.00
INITIAL SHUT-IN	60.00		53.00
FINAL FLOW	60.00	21.00	21.00
FINAL SHUT-IN	180.00		53.00

FINAL HYDROSTATIC PRESSURE: 2316.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2347.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	38.00	45.00
INITIAL SHUT-IN	57.00		73.00
FINAL FLOW	65.00	47.00	47.00
FINAL SHUT-IN	180.00		87.00

FINAL HYDROSTATIC PRESSURE: 2307.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 9-22-95	TICKET : 21285
CUSTOMER : PETROGLYPH OPERATING CO.	LEASE : HOEY
WELL : #15-20 TEST: 3	GEOLOGIST: WILLIAMS
ELEVATION: 1726 KB	FORMATION: MISSISSIPPI
SECTION : 20	TOWNSHIP : 33S
RANGE : 14W COUNTY: BARBER	STATE : KS
GAUGE SN#: 2604 RANGE : 4150	CLOCK : 12

INITIAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	38.00	38.00
5.00	40.00	2.00
10.00	42.00	2.00
15.00	42.00	0.00
20.00	43.00	1.00
25.00	45.00	2.00
30.00	45.00	0.00

INITIAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	46.00	46.00	0.00
6.00	48.00	2.00	0.00
9.00	50.00	2.00	0.00
12.00	52.00	2.00	0.00
15.00	54.00	2.00	0.00
18.00	55.00	1.00	0.00
21.00	57.00	2.00	0.00
24.00	58.00	1.00	0.00
27.00	60.00	2.00	0.00
30.00	61.00	1.00	0.00
33.00	62.00	1.00	0.00
36.00	64.00	2.00	0.00
39.00	65.00	1.00	0.00
42.00	67.00	2.00	0.00
45.00	68.00	1.00	0.00
48.00	69.00	1.00	0.00
51.00	70.00	1.00	0.00
54.00	71.00	1.00	0.00
57.00	73.00	2.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	47.00	47.00
5.00	47.00	0.00
10.00	48.00	1.00
15.00	44.00	-4.00
20.00	45.00	1.00
25.00	47.00	2.00
30.00	47.00	0.00
35.00	47.00	0.00
40.00	47.00	0.00
45.00	48.00	1.00
50.00	48.00	0.00
55.00	46.00	-2.00
60.00	46.00	0.00
65.00	47.00	1.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	48.00	48.00	0.00
6.00	48.00	0.00	0.00
9.00	49.00	1.00	0.00
12.00	49.00	0.00	0.00
15.00	50.00	1.00	0.00
18.00	51.00	1.00	0.00
21.00	51.00	0.00	0.00
24.00	52.00	1.00	0.00
27.00	53.00	1.00	0.00
30.00	53.00	0.00	0.00
33.00	54.00	1.00	0.00
36.00	55.00	1.00	0.00
39.00	55.00	0.00	0.00
42.00	56.00	1.00	0.00
45.00	57.00	1.00	0.00
48.00	57.00	0.00	0.00
51.00	58.00	1.00	0.00
54.00	59.00	1.00	0.00
57.00	59.00	0.00	0.00
60.00	60.00	1.00	0.00
63.00	61.00	1.00	0.00
66.00	62.00	1.00	0.00
69.00	62.00	0.00	0.00
72.00	63.00	1.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

Time (min)	Pressure	Delta P	Horner T
75.00	63.00	0.00	0.00
78.00	64.00	1.00	0.00
81.00	65.00	1.00	0.00
84.00	66.00	1.00	0.00
87.00	66.00	0.00	0.00
90.00	67.00	1.00	0.00
93.00	68.00	1.00	0.00
96.00	68.00	0.00	0.00
99.00	69.00	1.00	0.00
102.00	70.00	1.00	0.00
105.00	70.00	0.00	0.00
108.00	71.00	1.00	0.00
111.00	72.00	1.00	0.00
114.00	72.00	0.00	0.00
117.00	73.00	1.00	0.00
120.00	74.00	1.00	0.00
123.00	74.00	0.00	0.00
126.00	75.00	1.00	0.00
129.00	76.00	1.00	0.00
132.00	76.00	0.00	0.00
135.00	77.00	1.00	0.00
138.00	79.00	2.00	0.00
141.00	79.00	0.00	0.00
144.00	79.00	0.00	0.00
147.00	80.00	1.00	0.00
150.00	80.00	0.00	0.00
153.00	81.00	1.00	0.00
156.00	82.00	1.00	0.00
159.00	83.00	1.00	0.00
162.00	83.00	0.00	0.00
165.00	84.00	1.00	0.00
168.00	85.00	1.00	0.00
171.00	85.00	0.00	0.00
174.00	86.00	1.00	0.00
177.00	86.00	0.00	0.00
180.00	87.00	1.00	0.00

Company: PETROGLYPH OPERATING CO. INC.

Well Name: HOEY #15-20

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0001	95-09-22	05:00:00	1:00:00	821.2	-----	86.8
0002		05:00:30	1:00:30	819.5	-1.7	87.0
0003		05:01:00	1:01:00	848.5	29.0	87.2
0004		05:01:30	1:01:30	851.3	2.7	87.3
0005		05:02:00	1:02:00	896.2	45.0	87.5
0006		05:02:30	1:02:30	883.0	-13.2	87.6
0007		05:03:00	1:03:00	923.6	40.6	87.7
0008		05:03:30	1:03:30	912.0	-11.7	87.9
0009		05:04:00	1:04:00	950.6	38.6	88.1
0010		05:04:30	1:04:30	945.3	-5.3	88.2
0011		05:05:00	1:05:00	979.9	34.6	88.4
0012		05:05:30	1:05:30	973.1	-6.8	88.5
0013		05:06:00	1:06:00	1001.7	28.6	88.7
0014		05:06:30	1:06:30	1004.0	2.3	88.9
0015		05:07:00	1:07:00	1020.7	16.7	89.0
0016		05:07:30	1:07:30	1032.6	11.9	89.1
0017		05:08:00	1:08:00	1052.4	19.9	89.2
0018		05:08:30	1:08:30	1063.2	10.7	89.3
0019		05:09:00	1:09:00	1082.7	19.5	89.5
0020		05:09:30	1:09:30	1093.8	11.1	89.5
0021		05:10:00	1:10:00	1173.7	79.9	89.7
0022		05:10:30	1:10:30	1124.9	-48.8	89.8
0023		05:11:00	1:11:00	1180.4	55.5	89.9
0024		05:11:30	1:11:30	1154.3	-26.1	90.0
0025		05:12:00	1:12:00	1152.3	-2.1	90.1
0026		05:12:30	1:12:30	1168.6	16.3	90.3
0027		05:13:00	1:13:00	1184.8	16.3	90.5
0028		05:13:30	1:13:30	1243.5	58.7	90.6
0029		05:14:00	1:14:00	1214.6	-28.9	90.8
0030		05:14:30	1:14:30	1241.3	26.7	90.9
0031		05:15:00	1:15:00	1244.9	3.5	91.0
0032		05:15:30	1:15:30	1273.5	28.7	91.2
0033		05:16:00	1:16:00	1275.8	2.3	91.4
0034		05:16:30	1:16:30	1296.5	20.7	91.6
0035		05:17:00	1:17:00	1305.9	9.5	91.8
0036		05:17:30	1:17:30	1334.6	28.7	92.0
0037		05:18:00	1:18:00	1336.1	1.5	92.2
0038		05:18:30	1:18:30	1333.1	-3.0	92.5
0039		05:19:00	1:19:00	1417.9	84.8	92.7
0040		05:19:30	1:19:30	1366.5	-51.4	92.9
0041		05:20:00	1:20:00	1390.4	23.9	93.1
0042		05:20:30	1:20:30	1397.9	7.5	93.3
0043		05:21:00	1:21:00	1395.0	-2.9	93.5
0044		05:21:30	1:21:30	1426.5	31.5	93.7
0045		05:22:00	1:22:00	1390.7	-35.7	93.8
0046		05:22:30	1:22:30	1458.7	67.9	94.0
0047		05:23:00	1:23:00	1539.3	80.7	94.2
0048		05:23:30	1:23:30	1488.4	-51.0	94.5
0049		05:24:00	1:24:00	1525.0	36.7	94.7

Company: PETROGLYPH OPERATING CO. INC.

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0050	95-09-22	05:24:30	1:24:30	1518.5	-6.5	94.9
0051		05:25:00	1:25:00	1569.1	50.7	95.2
0052		05:25:30	1:25:30	1548.2	-21.0	95.4
0053		05:26:00	1:26:00	1618.9	70.7	95.7
0054		05:26:30	1:26:30	1578.2	-40.6	95.9
0055		05:27:00	1:27:00	1650.9	72.7	96.2
0056		05:27:30	1:27:30	1610.3	-40.6	96.5
0057		05:28:00	1:28:00	1682.1	71.9	96.8
0058		05:28:30	1:28:30	1640.7	-41.4	97.0
0059		05:29:00	1:29:00	1650.9	10.2	97.3
0060		05:29:30	1:29:30	1670.4	19.4	97.6
0061		05:30:00	1:30:00	1686.2	15.8	97.8
0062		05:30:30	1:30:30	1702.9	16.7	98.0
0063		05:31:00	1:31:00	1699.1	-3.8	98.3
0064		05:31:30	1:31:30	1695.3	-3.8	98.5
0065		05:32:00	1:32:00	1692.4	-2.9	98.7
0066		05:32:30	1:32:30	1689.4	-2.9	99.0
0067		05:33:00	1:33:00	1688.1	-1.3	99.1
0068		05:33:30	1:33:30	1687.6	-0.5	99.2
0069		05:34:00	1:34:00	1687.1	-0.5	99.4
0070		05:34:30	1:34:30	1686.7	-0.5	99.5
0071		05:35:00	1:35:00	1686.2	-0.5	99.5
0072		05:35:30	1:35:30	1686.2	-0.0	99.6
0073		05:36:00	1:36:00	1680.1	-6.1	99.7
0074		05:36:30	1:36:30	1775.7	95.6	99.7
0075		05:37:00	1:37:00	1730.5	-45.2	99.7
0076		05:37:30	1:37:30	1726.8	-3.7	99.8
0077		05:38:00	1:38:00	1723.1	-3.7	100.0
0078		05:38:30	1:38:30	1719.8	-3.3	100.1
0079		05:39:00	1:39:00	1717.3	-2.5	100.2
0080		05:39:30	1:39:30	1803.7	86.3	100.3
0081		05:40:00	1:40:00	1760.4	-43.3	100.4
0082		05:40:30	1:40:30	1829.5	69.1	100.5
0083		05:41:00	1:41:00	1790.6	-38.9	100.7
0084		05:41:30	1:41:30	1829.7	39.1	100.8
0085		05:42:00	1:42:00	1820.0	-9.7	101.0
0086		05:42:30	1:42:30	1872.6	52.6	101.2
0087		05:43:00	1:43:00	1850.8	-21.8	101.4
0088		05:43:30	1:43:30	1875.5	24.6	101.6
0089		05:44:00	1:44:00	1880.1	4.6	101.9
0090		05:44:30	1:44:30	1917.1	37.0	102.1
0091		05:45:00	1:45:00	1892.6	-24.6	102.3
0092		05:45:30	1:45:30	1944.7	52.2	102.6
0093		05:46:00	1:46:00	1908.6	-36.2	102.8
0094		05:46:30	1:46:30	1976.6	68.1	103.2
0095		05:47:00	1:47:00	2106.8	130.1	103.5
0096		05:47:30	1:47:30	2003.7	-103.1	103.9
0097		05:48:00	1:48:00	2015.0	11.3	104.2
0098		05:48:30	1:48:30	2033.5	18.5	104.6

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Temp. (deg F)
0099	95-09-22	05:49:00	1:49:00	2110.5	76.9
0100		05:49:30	1:49:30	2063.0	-47.5
0101		05:50:00	1:50:00	2127.9	64.9
0102		05:50:30	1:50:30	2094.8	-33.1
0103		05:51:00	1:51:00	2145.3	50.5
0104		05:51:30	1:51:30	2125.4	-19.9
0105		05:52:00	1:52:00	2141.2	15.7
0106		05:52:30	1:52:30	2152.9	11.7
0107		05:53:00	1:53:00	2148.7	-4.2
0108		05:53:30	1:53:30	2198.4	49.8
0109		05:54:00	1:54:00	2185.0	-13.4
0110		05:54:30	1:54:30	2209.5	24.5
0111		05:55:00	1:55:00	2215.3	5.8
0112		05:55:30	1:55:30	2272.2	56.9
0113		05:56:00	1:56:00	2241.5	-30.6
0114		05:56:30	1:56:30	2261.3	19.7
0115		05:57:00	1:57:00	2263.1	1.8
0116		05:57:30	1:57:30	2261.3	-1.8
0117		05:58:00	1:58:00	2260.4	-0.9
0118		05:58:30	1:58:30	2258.6	-1.7
0119		05:59:00	1:59:00	2314.9	56.2
0120		05:59:30	1:59:30	2291.2	-23.7
0121		06:00:00	2:00:00	2285.5	-5.7
0122		06:00:30	2:00:30	2280.2	-5.3
0123		06:01:00	2:01:00	2276.1	-4.1
0124		06:01:30	2:01:30	2273.2	-2.9
0125		06:02:00	2:02:00	2271.5	-1.7
0126		06:02:30	2:02:30	2399.4	127.8
0127		06:03:00	2:03:00	2326.9	-72.4
0128		06:03:30	2:03:30	2323.5	-3.4
0129		06:04:00	2:04:00	2315.0	-8.5
0130		06:04:30	2:04:30	2308.9	-6.1
0131		06:05:00	2:05:00	2303.7	-5.3
0132		06:05:30	2:05:30	2298.5	-5.1
0133		06:06:00	2:06:00	2294.2	-4.3
0134		06:06:30	2:06:30	2290.4	-3.8
0135		06:07:00	2:07:00	2287.4	-3.0
0136		06:07:30	2:07:30	2284.4	-3.0
0137		06:08:00	2:08:00	2283.9	-0.5
0138		06:08:30	2:08:30	2283.8	-0.1
0139		06:09:00	2:09:00	2283.7	-0.1
0140		06:09:30	2:09:30	2282.8	-0.9
0141		06:10:00	2:10:00	2282.3	-0.5
0142		06:10:30	2:10:30	2307.0	24.7
0143		06:11:00	2:11:00	2300.6	-6.4
0144		06:11:30	2:11:30	2326.1	25.5
0145		06:12:00	2:12:00	2358.8	32.7
0146		06:12:30	2:12:30	2346.8	-11.9
0147		06:13:00	2:13:00	2347.8	0.9

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0148	95-09-22	06:13:30	2:13:30	37.5	-2310.3	115.6
0149		06:14:00	2:14:00	38.4	0.9	115.4
0150		06:14:30	2:14:30	38.8	0.5	115.2
0151		06:15:00	2:15:00	38.8	0.0	115.1
0152		06:15:30	2:15:30	39.3	0.4	115.0
0153		06:16:00	2:16:00	39.3	0.0	114.9
0154		06:16:30	2:16:30	39.7	0.4	114.9
0155		06:17:00	2:17:00	39.7	0.0	114.8
0156		06:17:30	2:17:30	40.1	0.4	114.8
0157		06:18:00	2:18:00	40.1	0.0	114.8
0158		06:18:30	2:18:30	40.1	0.0	114.8
0159		06:19:00	2:19:00	40.5	0.4	114.8
0160		06:19:30	2:19:30	40.5	0.0	114.8
0161		06:20:00	2:20:00	40.5	0.0	114.8
0162		06:20:30	2:20:30	40.9	0.4	114.8
0163		06:21:00	2:21:00	40.9	0.0	114.8
0164		06:21:30	2:21:30	40.9	0.0	114.8
0165		06:22:00	2:22:00	41.3	0.4	114.9
0166		06:22:30	2:22:30	41.3	0.0	114.9
0167		06:23:00	2:23:00	41.7	0.4	114.9
0168		06:23:30	2:23:30	41.7	0.0	114.9
0169		06:24:00	2:24:00	42.1	0.4	115.0
0170		06:24:30	2:24:30	42.8	0.8	115.0
0171		06:25:00	2:25:00	42.0	-0.8	115.0
0172		06:25:30	2:25:30	42.0	0.0	115.0
0173		06:26:00	2:26:00	42.0	-0.0	115.0
0174		06:26:30	2:26:30	42.0	-0.0	115.1
0175		06:27:00	2:27:00	42.4	0.4	115.1
0176		06:27:30	2:27:30	42.4	-0.0	115.1
0177		06:28:00	2:28:00	42.4	0.0	115.1
0178		06:28:30	2:28:30	42.4	-0.0	115.2
0179		06:29:00	2:29:00	42.4	-0.0	115.2
0180		06:29:30	2:29:30	42.4	0.0	115.2
0181		06:30:00	2:30:00	42.4	-0.0	115.2
0182		06:30:30	2:30:30	42.4	0.0	115.2
0183		06:31:00	2:31:00	42.7	0.4	115.3
0184		06:31:30	2:31:30	42.7	0.0	115.3
0185		06:32:00	2:32:00	42.7	-0.0	115.3
0186		06:32:30	2:32:30	43.1	0.4	115.4
0187		06:33:00	2:33:00	43.5	0.4	115.4
0188		06:33:30	2:33:30	43.1	-0.4	115.4
0189		06:34:00	2:34:00	43.5	0.4	115.4
0190		06:34:30	2:34:30	43.5	-0.0	115.5
0191		06:35:00	2:35:00	43.9	0.4	115.5
0192		06:35:30	2:35:30	43.5	-0.4	115.5
0193		06:36:00	2:36:00	43.8	0.4	115.5
0194		06:36:30	2:36:30	43.8	0.0	115.5
0195		06:37:00	2:37:00	44.2	0.4	115.6
0196		06:37:30	2:37:30	44.6	0.4	115.6

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi)		Temp. (deg F)
				(abs)	(delta)	
0197	95-09-22	06:38:00	2:38:00	45.0	0.4	115.6
0198		06:38:30	2:38:30	45.0	0.0	115.6
0199		06:39:00	2:39:00	45.4	0.4	115.7
0200		06:39:30	2:39:30	44.2	-1.2	115.7
0201		06:40:00	2:40:00	43.8	-0.4	115.7
0202		06:40:30	2:40:30	43.8	0.0	115.7
0203		06:41:00	2:41:00	44.2	0.4	115.7
0204		06:41:30	2:41:30	44.6	0.4	115.7
0205		06:42:00	2:42:00	44.9	0.4	115.8
0206		06:42:30	2:42:30	44.9	0.0	115.8
0207		06:43:00	2:43:00	44.1	-0.8	115.8
0208		06:43:30	2:43:30	44.5	0.4	115.8
0209		06:44:00	2:44:00	44.9	0.4	115.9
0210		06:44:30	2:44:30	44.9	0.0	115.9
0211		06:45:00	2:45:00	45.3	0.4	115.9
0212		06:45:30	2:45:30	45.7	0.4	115.9
0213		06:46:00	2:46:00	46.1	0.4	115.9
0214		06:46:30	2:46:30	46.1	-0.0	116.0
0215		06:47:00	2:47:00	46.5	0.4	116.0
0216		06:47:30	2:47:30	46.9	0.4	116.0
0217		06:48:00	2:48:00	47.3	0.4	116.0
0218		06:48:30	2:48:30	47.6	0.4	116.0
0219		06:49:00	2:49:00	47.6	0.0	116.0
0220		06:49:30	2:49:30	48.0	0.4	116.1
0221		06:50:00	2:50:00	48.4	0.4	116.1
0222		06:50:30	2:50:30	48.8	0.4	116.1
0223		06:51:00	2:51:00	48.8	-0.0	116.1
0224		06:51:30	2:51:30	49.2	0.4	116.1
0225		06:52:00	2:52:00	49.6	0.4	116.2
0226		06:52:30	2:52:30	50.0	0.4	116.2
0227		06:53:00	2:53:00	50.0	0.0	116.2
0228		06:53:30	2:53:30	50.4	0.4	116.2
0229		06:54:00	2:54:00	50.7	0.4	116.2
0230		06:54:30	2:54:30	51.1	0.4	116.2
0231		06:55:00	2:55:00	51.1	0.0	116.2
0232		06:55:30	2:55:30	51.5	0.4	116.2
0233		06:56:00	2:56:00	51.9	0.4	116.3
0234		06:56:30	2:56:30	52.3	0.4	116.3
0235		06:57:00	2:57:00	52.7	0.4	116.3
0236		06:57:30	2:57:30	52.7	0.0	116.3
0237		06:58:00	2:58:00	53.1	0.4	116.3
0238		06:58:30	2:58:30	53.5	0.4	116.4
0239		06:59:00	2:59:00	53.5	0.0	116.4
0240		06:59:30	2:59:30	53.9	0.4	116.4
0241		07:00:00	3:00:00	53.8	-0.0	116.4
0242		07:00:30	3:00:30	54.2	0.4	116.4
0243		07:01:00	3:01:00	54.6	0.4	116.5
0244		07:01:30	3:01:30	55.0	0.4	116.5
0245		07:02:00	3:02:00	55.4	0.4	116.5

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0246	95-09-22	07:02:30	3:02:30	55.4	-0.0	116.5
0247		07:03:00	3:03:00	55.8	0.4	116.5
0248		07:03:30	3:03:30	56.2	0.4	116.5
0249		07:04:00	3:04:00	56.2	-0.0	116.5
0250		07:04:30	3:04:30	56.6	0.4	116.5
0251		07:05:00	3:05:00	56.6	0.0	116.5
0252		07:05:30	3:05:30	57.0	0.4	116.6
0253		07:06:00	3:06:00	57.4	0.4	116.6
0254		07:06:30	3:06:30	57.4	0.0	116.6
0255		07:07:00	3:07:00	57.7	0.4	116.6
0256		07:07:30	3:07:30	58.1	0.4	116.6
0257		07:08:00	3:08:00	58.1	0.0	116.6
0258		07:08:30	3:08:30	58.5	0.4	116.7
0259		07:09:00	3:09:00	58.9	0.4	116.7
0260		07:09:30	3:09:30	58.9	0.0	116.7
0261		07:10:00	3:10:00	59.3	0.4	116.7
0262		07:10:30	3:10:30	59.7	0.4	116.7
0263		07:11:00	3:11:00	59.7	0.0	116.7
0264		07:11:30	3:11:30	60.1	0.4	116.7
0265		07:12:00	3:12:00	60.5	0.4	116.7
0266		07:12:30	3:12:30	60.5	0.0	116.7
0267		07:13:00	3:13:00	60.9	0.4	116.7
0268		07:13:30	3:13:30	60.9	-0.0	116.8
0269		07:14:00	3:14:00	61.2	0.4	116.8
0270		07:14:30	3:14:30	61.6	0.4	116.8
0271		07:15:00	3:15:00	62.0	0.4	116.8
0272		07:15:30	3:15:30	62.0	0.0	116.8
0273		07:16:00	3:16:00	62.0	0.0	116.8
0274		07:16:30	3:16:30	62.4	0.4	116.9
0275		07:17:00	3:17:00	62.8	0.4	116.9
0276		07:17:30	3:17:30	62.8	0.0	116.9
0277		07:18:00	3:18:00	63.2	0.4	116.9
0278		07:18:30	3:18:30	63.6	0.4	116.9
0279		07:19:00	3:19:00	63.6	0.0	116.9
0280		07:19:30	3:19:30	64.0	0.4	116.9
0281		07:20:00	3:20:00	64.0	-0.0	117.0
0282		07:20:30	3:20:30	64.4	0.4	117.0
0283		07:21:00	3:21:00	64.4	0.0	117.0
0284		07:21:30	3:21:30	64.7	0.4	117.0
0285		07:22:00	3:22:00	65.1	0.4	117.0
0286		07:22:30	3:22:30	65.1	0.0	117.0
0287		07:23:00	3:23:00	65.5	0.4	117.0
0288		07:23:30	3:23:30	65.9	0.4	117.0
0289		07:24:00	3:24:00	65.9	0.0	117.0
0290		07:24:30	3:24:30	65.9	0.0	117.0
0291		07:25:00	3:25:00	66.3	0.4	117.1
0292		07:25:30	3:25:30	66.7	0.4	117.1
0293		07:26:00	3:26:00	66.7	0.0	117.1
0294		07:26:30	3:26:30	67.1	0.4	117.1

Company: PETROGLYPH OPERATING CO. INC.  
 Well Name: HOEY #15-20

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs) (delta)	Temp. (deg F)
0295	95-09-22	07:27:00	3:27:00	67.1 -0.0	117.1
0296		07:27:30	3:27:30	67.5 0.4	117.1
0297		07:28:00	3:28:00	67.5 0.0	117.1
0298		07:28:30	3:28:30	67.9 0.4	117.1
0299		07:29:00	3:29:00	67.9 -0.0	117.2
0300		07:29:30	3:29:30	68.2 0.4	117.2
0301		07:30:00	3:30:00	68.6 0.4	117.2
0302		07:30:30	3:30:30	68.6 0.0	117.2
0303		07:31:00	3:31:00	69.0 0.4	117.2
0304		07:31:30	3:31:30	69.0 0.0	117.2
0305		07:32:00	3:32:00	69.4 0.4	117.2
0306		07:32:30	3:32:30	69.4 -0.0	117.2
0307		07:33:00	3:33:00	69.4 0.0	117.2
0308		07:33:30	3:33:30	69.8 0.4	117.2
0309		07:34:00	3:34:00	70.2 0.4	117.2
0310		07:34:30	3:34:30	70.2 -0.0	117.3
0311		07:35:00	3:35:00	70.6 0.4	117.3
0312		07:35:30	3:35:30	70.6 0.0	117.3
0313		07:36:00	3:36:00	71.0 0.4	117.3
0314		07:36:30	3:36:30	71.0 -0.0	117.3
0315		07:37:00	3:37:00	71.4 0.4	117.3
0316		07:37:30	3:37:30	71.4 0.0	117.3
0317		07:38:00	3:38:00	71.8 0.4	117.3
0318		07:38:30	3:38:30	71.7 -0.0	117.4
0319		07:39:00	3:39:00	72.1 0.4	117.4
0320		07:39:30	3:39:30	72.1 0.0	117.4
0321		07:40:00	3:40:00	72.5 0.4	117.4
0322		07:40:30	3:40:30	72.5 -0.0	117.4
0323		07:41:00	3:41:00	72.9 0.4	117.4
0324		07:41:30	3:41:30	46.8 -26.1	117.4
0325		07:42:00	3:42:00	46.4 -0.4	117.4
0326		07:42:30	3:42:30	46.8 0.4	117.5
0327		07:43:00	3:43:00	46.8 0.0	117.5
0328		07:43:30	3:43:30	47.2 0.4	117.5
0329		07:44:00	3:44:00	47.2 0.0	117.5
0330		07:44:30	3:44:30	47.2 -0.0	117.5
0331		07:45:00	3:45:00	47.2 0.0	117.5
0332		07:45:30	3:45:30	47.2 0.0	117.5
0333		07:46:00	3:46:00	47.1 -0.0	117.5
0334		07:46:30	3:46:30	47.1 0.0	117.5
0335		07:47:00	3:47:00	47.1 0.0	117.5
0336		07:47:30	3:47:30	47.1 -0.0	117.6
0337		07:48:00	3:48:00	47.1 0.0	117.6
0338		07:48:30	3:48:30	47.1 0.0	117.6
0339		07:49:00	3:49:00	47.5 0.4	117.6
0340		07:49:30	3:49:30	47.1 -0.4	117.6
0341		07:50:00	3:50:00	47.1 0.0	117.6
0342		07:50:30	3:50:30	47.5 0.4	117.6
0343		07:51:00	3:51:00	47.5 -0.0	117.7

Company: PETROGLYPH OPERATING CO. INC.

Well Name: HOEY #15-20

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0344	95-09-22	07:51:30	3:51:30	47.5	0.0	117.7
0345		07:52:00	3:52:00	47.5	0.0	117.7
0346		07:52:30	3:52:30	47.5	-0.0	117.7
0347		07:53:00	3:53:00	47.5	0.0	117.7
0348		07:53:30	3:53:30	47.5	0.0	117.7
0349		07:54:00	3:54:00	47.5	0.0	117.7
0350		07:54:30	3:54:30	47.5	-0.0	117.7
0351		07:55:00	3:55:00	47.5	0.0	117.7
0352		07:55:30	3:55:30	47.5	0.0	117.7
0353		07:56:00	3:56:00	47.5	0.0	117.7
0354		07:56:30	3:56:30	47.5	-0.0	117.8
0355		07:57:00	3:57:00	47.5	0.0	117.8
0356		07:57:30	3:57:30	47.5	0.0	117.8
0357		07:58:00	3:58:00	47.5	0.0	117.8
0358		07:58:30	3:58:30	47.4	-0.0	117.8
0359		07:59:00	3:59:00	47.4	0.0	117.8
0360		07:59:30	3:59:30	43.5	-4.0	117.8
0361		08:00:00	4:00:00	44.3	0.8	117.8
0362		08:00:30	4:00:30	43.9	-0.4	117.9
0363		08:01:00	4:01:00	43.5	-0.4	117.9
0364		08:01:30	4:01:30	44.3	0.8	117.9
0365		08:02:00	4:02:00	44.3	0.0	117.9
0366		08:02:30	4:02:30	44.3	-0.0	117.9
0367		08:03:00	4:03:00	44.6	0.4	117.9
0368		08:03:30	4:03:30	44.6	0.0	117.9
0369		08:04:00	4:04:00	44.6	0.0	117.9
0370		08:04:30	4:04:30	45.0	0.4	117.9
0371		08:05:00	4:05:00	45.0	-0.0	118.0
0372		08:05:30	4:05:30	45.0	0.0	118.0
0373		08:06:00	4:06:00	45.4	0.4	118.0
0374		08:06:30	4:06:30	45.4	0.0	118.0
0375		08:07:00	4:07:00	45.8	0.4	118.0
0376		08:07:30	4:07:30	45.8	0.0	118.0
0377		08:08:00	4:08:00	46.2	0.4	118.0
0378		08:08:30	4:08:30	46.2	0.0	118.0
0379		08:09:00	4:09:00	46.2	0.0	118.0
0380		08:09:30	4:09:30	46.2	-0.0	118.0
0381		08:10:00	4:10:00	46.6	0.4	118.0
0382		08:10:30	4:10:30	46.6	0.0	118.0
0383		08:11:00	4:11:00	46.6	0.0	118.0
0384		08:11:30	4:11:30	47.0	0.4	118.1
0385		08:12:00	4:12:00	47.0	0.0	118.1
0386		08:12:30	4:12:30	47.0	0.0	118.1
0387		08:13:00	4:13:00	47.4	0.4	118.1
0388		08:13:30	4:13:30	47.3	-0.0	118.1
0389		08:14:00	4:14:00	47.3	0.0	118.1
0390		08:14:30	4:14:30	47.0	-0.4	118.1
0391		08:15:00	4:15:00	47.0	0.0	118.1
0392		08:15:30	4:15:30	47.0	0.0	118.1

Company: PETROGLYPH OPERATING CO. INC.  
Well Name: HOEY #15-20

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi)		Temp. (deg F)
				(abs)	(delta)	
0393	95-09-22	08:16:00	4:16:00	46.9	-0.0	118.2
0394		08:16:30	4:16:30	46.9	0.0	118.2
0395		08:17:00	4:17:00	47.3	0.4	118.2
0396		08:17:30	4:17:30	47.3	0.0	118.2
0397		08:18:00	4:18:00	47.3	-0.0	118.2
0398		08:18:30	4:18:30	47.3	0.0	118.2
0399		08:19:00	4:19:00	47.7	0.4	118.2
0400		08:19:30	4:19:30	46.9	-0.8	118.2
0401		08:20:00	4:20:00	46.9	0.0	118.2
0402		08:20:30	4:20:30	47.3	0.4	118.2
0403		08:21:00	4:21:00	47.3	0.0	118.2
0404		08:21:30	4:21:30	47.3	0.0	118.2
0405		08:22:00	4:22:00	47.3	0.0	118.2
0406		08:22:30	4:22:30	47.7	0.4	118.2
0407		08:23:00	4:23:00	47.7	-0.0	118.3
0408		08:23:30	4:23:30	47.7	0.0	118.3
0409		08:24:00	4:24:00	48.1	0.4	118.3
0410		08:24:30	4:24:30	48.1	0.0	118.3
0411		08:25:00	4:25:00	48.1	0.0	118.3
0412		08:25:30	4:25:30	48.1	-0.0	118.3
0413		08:26:00	4:26:00	48.1	0.0	118.3
0414		08:26:30	4:26:30	48.1	0.0	118.3
0415		08:27:00	4:27:00	48.1	0.0	118.3
0416		08:27:30	4:27:30	48.5	0.4	118.4
0417		08:28:00	4:28:00	48.5	0.0	118.4
0418		08:28:30	4:28:30	48.5	0.0	118.4
0419		08:29:00	4:29:00	48.5	0.0	118.4
0420		08:29:30	4:29:30	48.5	0.0	118.4
0421		08:30:00	4:30:00	48.4	-0.0	118.4
0422		08:30:30	4:30:30	48.4	0.0	118.4
0423		08:31:00	4:31:00	48.4	0.0	118.4
0424		08:31:30	4:31:30	48.4	0.0	118.4
0425		08:32:00	4:32:00	48.8	0.4	118.4
0426		08:32:30	4:32:30	48.8	-0.0	118.5
0427		08:33:00	4:33:00	48.8	0.0	118.5
0428		08:33:30	4:33:30	48.8	0.0	118.5
0429		08:34:00	4:34:00	48.8	0.0	118.5
0430		08:34:30	4:34:30	48.8	0.0	118.5
0431		08:35:00	4:35:00	48.4	-0.4	118.5
0432		08:35:30	4:35:30	48.4	0.0	118.5
0433		08:36:00	4:36:00	46.0	-2.4	118.5
0434		08:36:30	4:36:30	44.1	-2.0	118.5
0435		08:37:00	4:37:00	44.5	0.4	118.5
0436		08:37:30	4:37:30	44.4	-0.0	118.5
0437		08:38:00	4:38:00	44.4	0.0	118.5
0438		08:38:30	4:38:30	44.8	0.4	118.5
0439		08:39:00	4:39:00	45.2	0.4	118.5
0440		08:39:30	4:39:30	45.6	0.4	118.5
0441		08:40:00	4:40:00	45.6	-0.0	118.6

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Well Name: HOEY #15-20

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0442	95-09-22	08:40:30	4:40:30	46.0	0.4	118.6
0443		08:41:00	4:41:00	46.0	0.0	118.6
0444		08:41:30	4:41:30	46.0	0.0	118.6
0445		08:42:00	4:42:00	46.4	0.4	118.6
0446		08:42:30	4:42:30	46.4	-0.0	118.6
0447		08:43:00	4:43:00	46.4	0.0	118.6
0448		08:43:30	4:43:30	46.4	0.0	118.6
0449		08:44:00	4:44:00	46.8	0.4	118.6
0450		08:44:30	4:44:30	46.8	0.0	118.6
0451		08:45:00	4:45:00	46.8	-0.0	118.7
0452		08:45:30	4:45:30	47.2	0.4	118.7
0453		08:46:00	4:46:00	47.2	0.0	118.7
0454		08:46:30	4:46:30	47.2	0.0	118.7
0455		08:47:00	4:47:00	47.6	0.4	118.7
0456		08:47:30	4:47:30	47.6	-0.0	118.7
0457		08:48:00	4:48:00	47.6	0.0	118.7
0458		08:48:30	4:48:30	47.6	0.0	118.7
0459		08:49:00	4:49:00	47.9	0.4	118.7
0460		08:49:30	4:49:30	47.9	0.0	118.7
0461		08:50:00	4:50:00	47.9	-0.0	118.7
0462		08:50:30	4:50:30	47.9	0.0	118.7
0463		08:51:00	4:51:00	48.3	0.4	118.7
0464		08:51:30	4:51:30	48.3	0.0	118.7
0465		08:52:00	4:52:00	48.3	0.0	118.7
0466		08:52:30	4:52:30	48.7	0.4	118.8
0467		08:53:00	4:53:00	48.7	0.0	118.8
0468		08:53:30	4:53:30	48.7	0.0	118.8
0469		08:54:00	4:54:00	48.7	0.0	118.8
0470		08:54:30	4:54:30	49.1	0.4	118.8
0471		08:55:00	4:55:00	49.1	-0.0	118.8
0472		08:55:30	4:55:30	49.1	0.0	118.8
0473		08:56:00	4:56:00	49.1	0.0	118.8
0474		08:56:30	4:56:30	49.1	0.0	118.8
0475		08:57:00	4:57:00	49.5	0.4	118.8
0476		08:57:30	4:57:30	49.5	0.0	118.8
0477		08:58:00	4:58:00	45.5	-4.0	118.9
0478		08:58:30	4:58:30	49.9	4.4	118.9
0479		08:59:00	4:59:00	49.9	0.0	118.9
0480		08:59:30	4:59:30	49.9	0.0	118.9
0481		09:00:00	5:00:00	50.3	0.4	118.9
0482		09:00:30	5:00:30	50.3	-0.0	118.9
0483		09:01:00	5:01:00	50.3	0.0	118.9
0484		09:01:30	5:01:30	50.3	0.0	118.9
0485		09:02:00	5:02:00	50.7	0.4	118.9
0486		09:02:30	5:02:30	50.7	0.0	118.9
0487		09:03:00	5:03:00	50.7	0.0	118.9
0488		09:03:30	5:03:30	51.0	0.4	119.0
0489		09:04:00	5:04:00	51.0	0.0	119.0
0490		09:04:30	5:04:30	51.0	0.0	119.0

Company: PETROGLYPH OPERATING CO. INC.

Well Name: HOEY #15-20

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0491	95-09-22	09:05:00	5:05:00	51.0	0.0	119.0
0492		09:05:30	5:05:30	51.4	0.4	119.0
0493		09:06:00	5:06:00	51.4	-0.0	119.0
0494		09:06:30	5:06:30	51.4	0.0	119.0
0495		09:07:00	5:07:00	51.8	0.4	119.0
0496		09:07:30	5:07:30	51.8	0.0	119.0
0497		09:08:00	5:08:00	51.8	0.0	119.0
0498		09:08:30	5:08:30	51.8	-0.0	119.0
0499		09:09:00	5:09:00	52.2	0.4	119.0
0500		09:09:30	5:09:30	52.2	0.0	119.0
0501		09:10:00	5:10:00	52.2	0.0	119.0
0502		09:10:30	5:10:30	52.2	0.0	119.0
0503		09:11:00	5:11:00	52.6	0.4	119.0
0504		09:11:30	5:11:30	52.6	-0.0	119.1
0505		09:12:00	5:12:00	52.6	0.0	119.1
0506		09:12:30	5:12:30	53.0	0.4	119.1
0507		09:13:00	5:13:00	53.0	0.0	119.1
0508		09:13:30	5:13:30	53.0	0.0	119.1
0509		09:14:00	5:14:00	53.0	-0.0	119.1
0510		09:14:30	5:14:30	53.4	0.4	119.1
0511		09:15:00	5:15:00	53.4	0.0	119.1
0512		09:15:30	5:15:30	53.4	0.0	119.1
0513		09:16:00	5:16:00	53.4	0.0	119.1
0514		09:16:30	5:16:30	53.7	0.4	119.2
0515		09:17:00	5:17:00	53.7	0.0	119.2
0516		09:17:30	5:17:30	54.1	0.4	119.2
0517		09:18:00	5:18:00	54.1	0.0	119.2
0518		09:18:30	5:18:30	54.1	0.0	119.2
0519		09:19:00	5:19:00	54.1	0.0	119.2
0520		09:19:30	5:19:30	54.5	0.4	119.2
0521		09:20:00	5:20:00	54.5	0.0	119.2
0522		09:20:30	5:20:30	54.5	0.0	119.2
0523		09:21:00	5:21:00	54.9	0.4	119.2
0524		09:21:30	5:21:30	54.9	0.0	119.2
0525		09:22:00	5:22:00	54.9	0.0	119.2
0526		09:22:30	5:22:30	55.3	0.4	119.2
0527		09:23:00	5:23:00	55.3	0.0	119.2
0528		09:23:30	5:23:30	55.3	0.0	119.2
0529		09:24:00	5:24:00	55.3	0.0	119.2
0530		09:24:30	5:24:30	55.3	0.0	119.2
0531		09:25:00	5:25:00	55.7	0.4	119.3
0532		09:25:30	5:25:30	55.7	0.0	119.3
0533		09:26:00	5:26:00	56.1	0.4	119.3
0534		09:26:30	5:26:30	56.1	0.0	119.3
0535		09:27:00	5:27:00	56.1	0.0	119.3
0536		09:27:30	5:27:30	56.1	0.0	119.3
0537		09:28:00	5:28:00	56.5	0.4	119.3
0538		09:28:30	5:28:30	56.5	0.0	119.3
0539		09:29:00	5:29:00	56.5	0.0	119.3

Company: PETROGLYPH OPERATING CO. INC.

Well Name: HOEY #15-20

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0540	95-09-22	09:29:30	5:29:30	56.8	0.4	119.3
0541		09:30:00	5:30:00	56.8	0.0	119.3
0542		09:30:30	5:30:30	56.8	0.0	119.3
0543		09:31:00	5:31:00	56.8	-0.0	119.4
0544		09:31:30	5:31:30	57.2	0.4	119.4
0545		09:32:00	5:32:00	57.2	0.0	119.4
0546		09:32:30	5:32:30	57.2	0.0	119.4
0547		09:33:00	5:33:00	57.6	0.4	119.4
0548		09:33:30	5:33:30	57.6	-0.0	119.4
0549		09:34:00	5:34:00	57.6	0.0	119.4
0550		09:34:30	5:34:30	57.6	0.0	119.4
0551		09:35:00	5:35:00	58.0	0.4	119.4
0552		09:35:30	5:35:30	58.0	0.0	119.4
0553		09:36:00	5:36:00	58.0	0.0	119.4
0554		09:36:30	5:36:30	58.4	0.4	119.5
0555		09:37:00	5:37:00	58.4	0.0	119.5
0556		09:37:30	5:37:30	58.4	0.0	119.5
0557		09:38:00	5:38:00	58.8	0.4	119.5
0558		09:38:30	5:38:30	58.8	0.0	119.5
0559		09:39:00	5:39:00	58.8	0.0	119.5
0560		09:39:30	5:39:30	58.8	-0.0	119.5
0561		09:40:00	5:40:00	59.2	0.4	119.5
0562		09:40:30	5:40:30	59.2	0.0	119.5
0563		09:41:00	5:41:00	59.2	0.0	119.5
0564		09:41:30	5:41:30	59.6	0.4	119.5
0565		09:42:00	5:42:00	59.6	0.0	119.5
0566		09:42:30	5:42:30	59.5	-0.0	119.5
0567		09:43:00	5:43:00	59.9	0.4	119.5
0568		09:43:30	5:43:30	59.9	0.0	119.5
0569		09:44:00	5:44:00	59.9	0.0	119.5
0570		09:44:30	5:44:30	59.9	0.0	119.5
0571		09:45:00	5:45:00	60.3	0.4	119.5
0572		09:45:30	5:45:30	60.3	-0.0	119.6
0573		09:46:00	5:46:00	60.3	0.0	119.6
0574		09:46:30	5:46:30	60.7	0.4	119.6
0575		09:47:00	5:47:00	60.7	0.0	119.6
0576		09:47:30	5:47:30	60.7	0.0	119.6
0577		09:48:00	5:48:00	61.1	0.4	119.6
0578		09:48:30	5:48:30	61.1	-0.0	119.6
0579		09:49:00	5:49:00	61.1	0.0	119.6
0580		09:49:30	5:49:30	61.1	0.0	119.6
0581		09:50:00	5:50:00	61.5	0.4	119.6
0582		09:50:30	5:50:30	61.5	0.0	119.6
0583		09:51:00	5:51:00	61.9	0.4	119.6
0584		09:51:30	5:51:30	61.9	-0.0	119.7
0585		09:52:00	5:52:00	61.9	0.0	119.7
0586		09:52:30	5:52:30	61.9	0.0	119.7
0587		09:53:00	5:53:00	62.3	0.4	119.7
0588		09:53:30	5:53:30	62.3	0.0	119.7

Company: PETROGLYPH OPERATING CO. INC.  
Well Name: HOEY #15-20

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0589	95-09-22	09:54:00	5:54:00	62.3	0.0	119.7
0590		09:54:30	5:54:30	62.7	0.4	119.7
0591		09:55:00	5:55:00	62.7	0.0	119.7
0592		09:55:30	5:55:30	62.7	0.0	119.7
0593		09:56:00	5:56:00	62.7	0.0	119.7
0594		09:56:30	5:56:30	63.1	0.4	119.7
0595		09:57:00	5:57:00	63.1	0.0	119.7
0596		09:57:30	5:57:30	63.0	-0.0	119.7
0597		09:58:00	5:58:00	63.4	0.4	119.7
0598		09:58:30	5:58:30	63.4	0.0	119.7
0599		09:59:00	5:59:00	63.4	0.0	119.7
0600		09:59:30	5:59:30	63.8	0.4	119.7
0601		10:00:00	6:00:00	63.8	0.0	119.7
0602		10:00:30	6:00:30	63.8	-0.0	119.8
0603		10:01:00	6:01:00	63.8	0.0	119.8
0604		10:01:30	6:01:30	64.2	0.4	119.8
0605		10:02:00	6:02:00	64.2	0.0	119.8
0606		10:02:30	6:02:30	64.2	0.0	119.8
0607		10:03:00	6:03:00	64.6	0.4	119.8
0608		10:03:30	6:03:30	64.6	-0.0	119.8
0609		10:04:00	6:04:00	64.6	0.0	119.8
0610		10:04:30	6:04:30	64.6	0.0	119.8
0611		10:05:00	6:05:00	65.0	0.4	119.8
0612		10:05:30	6:05:30	65.0	0.0	119.8
0613		10:06:00	6:06:00	65.0	0.0	119.8
0614		10:06:30	6:06:30	65.4	0.4	119.8
0615		10:07:00	6:07:00	65.4	-0.0	119.9
0616		10:07:30	6:07:30	65.4	0.0	119.9
0617		10:08:00	6:08:00	65.8	0.4	119.9
0618		10:08:30	6:08:30	65.8	0.0	119.9
0619		10:09:00	6:09:00	65.8	0.0	119.9
0620		10:09:30	6:09:30	65.8	0.0	119.9
0621		10:10:00	6:10:00	66.2	0.4	119.9
0622		10:10:30	6:10:30	66.2	0.0	119.9
0623		10:11:00	6:11:00	66.2	0.0	119.9
0624		10:11:30	6:11:30	66.2	0.0	119.9
0625		10:12:00	6:12:00	66.5	0.4	119.9
0626		10:12:30	6:12:30	66.5	0.0	119.9
0627		10:13:00	6:13:00	66.5	-0.0	120.0
0628		10:13:30	6:13:30	66.9	0.4	120.0
0629		10:14:00	6:14:00	66.9	0.0	120.0
0630		10:14:30	6:14:30	66.9	0.0	120.0
0631		10:15:00	6:15:00	66.9	0.0	120.0
0632		10:15:30	6:15:30	67.3	0.4	120.0
0633		10:16:00	6:16:00	67.3	-0.0	120.0
0634		10:16:30	6:16:30	67.3	0.0	120.0
0635		10:17:00	6:17:00	67.7	0.4	120.0
0636		10:17:30	6:17:30	67.7	0.0	120.0
0637		10:18:00	6:18:00	68.1	0.4	120.0

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs) (delta)	Temp. (deg F)	
0638	95-09-22	10:18:30	6:18:30	68.1	0.0	120.0
0639		10:19:00	6:19:00	68.1	0.0	120.0
0640		10:19:30	6:19:30	68.1	-0.0	120.0
0641		10:20:00	6:20:00	68.1	0.0	120.0
0642		10:20:30	6:20:30	68.5	0.4	120.0
0643		10:21:00	6:21:00	68.5	0.0	120.0
0644		10:21:30	6:21:30	68.5	0.0	120.0
0645		10:22:00	6:22:00	68.9	0.4	120.0
0646		10:22:30	6:22:30	68.9	0.0	120.0
0647		10:23:00	6:23:00	68.9	-0.0	120.1
0648		10:23:30	6:23:30	69.3	0.4	120.1
0649		10:24:00	6:24:00	69.3	0.0	120.1
0650		10:24:30	6:24:30	69.3	0.0	120.1
0651		10:25:00	6:25:00	69.7	0.4	120.1
0652		10:25:30	6:25:30	69.7	0.0	120.1
0653		10:26:00	6:26:00	69.6	-0.0	120.1
0654		10:26:30	6:26:30	69.6	0.0	120.1
0655		10:27:00	6:27:00	70.0	0.4	120.1
0656		10:27:30	6:27:30	70.0	0.0	120.1
0657		10:28:00	6:28:00	70.0	0.0	120.1
0658		10:28:30	6:28:30	70.0	0.0	120.1
0659		10:29:00	6:29:00	70.4	0.4	120.1
0660		10:29:30	6:29:30	70.4	-0.0	120.2
0661		10:30:00	6:30:00	70.8	0.4	120.2
0662		10:30:30	6:30:30	70.8	0.0	120.2
0663		10:31:00	6:31:00	70.8	0.0	120.2
0664		10:31:30	6:31:30	70.8	0.0	120.2
0665		10:32:00	6:32:00	70.8	0.0	120.2
0666		10:32:30	6:32:30	71.2	0.4	120.2
0667		10:33:00	6:33:00	71.2	-0.0	120.2
0668		10:33:30	6:33:30	71.2	0.0	120.2
0669		10:34:00	6:34:00	71.6	0.4	120.2
0670		10:34:30	6:34:30	71.6	0.0	120.2
0671		10:35:00	6:35:00	71.6	0.0	120.2
0672		10:35:30	6:35:30	71.6	0.0	120.2
0673		10:36:00	6:36:00	72.0	0.4	120.2
0674		10:36:30	6:36:30	72.0	0.0	120.2
0675		10:37:00	6:37:00	72.0	0.0	120.2
0676		10:37:30	6:37:30	72.0	0.0	120.2
0677		10:38:00	6:38:00	72.4	0.4	120.2
0678		10:38:30	6:38:30	72.4	0.0	120.2
0679		10:39:00	6:39:00	72.4	0.0	120.2
0680		10:39:30	6:39:30	72.8	0.4	120.3
0681		10:40:00	6:40:00	72.8	0.0	120.3
0682		10:40:30	6:40:30	72.8	0.0	120.3
0683		10:41:00	6:41:00	73.2	0.4	120.3
0684		10:41:30	6:41:30	73.2	0.0	120.3
0685		10:42:00	6:42:00	73.2	0.0	120.3
0686		10:42:30	6:42:30	73.5	0.4	120.3

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi)		Temp.
				(abs)	(delta)	(deg F)
0687	95-09-22	10:43:00	6:43:00	73.5	-0.0	120.3
0688		10:43:30	6:43:30	73.5	0.0	120.3
0689		10:44:00	6:44:00	73.5	0.0	120.3
0690		10:44:30	6:44:30	73.5	0.0	120.3
0691		10:45:00	6:45:00	73.9	0.4	120.3
0692		10:45:30	6:45:30	73.9	0.0	120.3
0693		10:46:00	6:46:00	73.9	0.0	120.3
0694		10:46:30	6:46:30	74.3	0.4	120.4
0695		10:47:00	6:47:00	74.3	0.0	120.4
0696		10:47:30	6:47:30	74.3	0.0	120.4
0697		10:48:00	6:48:00	74.7	0.4	120.4
0698		10:48:30	6:48:30	74.7	0.0	120.4
0699		10:49:00	6:49:00	74.7	0.0	120.4
0700		10:49:30	6:49:30	75.1	0.4	120.4
0701		10:50:00	6:50:00	75.1	-0.0	120.4
0702		10:50:30	6:50:30	75.1	0.0	120.4
0703		10:51:00	6:51:00	75.1	0.0	120.4
0704		10:51:30	6:51:30	75.5	0.4	120.4
0705		10:52:00	6:52:00	75.5	0.0	120.4
0706		10:52:30	6:52:30	75.5	0.0	120.4
0707		10:53:00	6:53:00	75.5	0.0	120.4
0708		10:53:30	6:53:30	75.9	0.4	120.5
0709		10:54:00	6:54:00	75.9	0.0	120.5
0710		10:54:30	6:54:30	75.9	0.0	120.5
0711		10:55:00	6:55:00	76.3	0.4	120.5
0712		10:55:30	6:55:30	76.3	0.0	120.5
0713		10:56:00	6:56:00	76.3	0.0	120.5
0714		10:56:30	6:56:30	76.3	0.0	120.5
0715		10:57:00	6:57:00	76.6	0.4	120.5
0716		10:57:30	6:57:30	76.6	0.0	120.5
0717		10:58:00	6:58:00	76.6	0.0	120.5
0718		10:58:30	6:58:30	77.0	0.4	120.5
0719		10:59:00	6:59:00	77.0	0.0	120.5
0720		10:59:30	6:59:30	77.0	0.0	120.5
0721		11:00:00	7:00:00	77.4	0.4	120.5
0722		11:00:30	7:00:30	77.4	0.0	120.5
0723		11:01:00	7:01:00	77.4	-0.0	120.5
0724		11:01:30	7:01:30	77.4	0.0	120.5
0725		11:02:00	7:02:00	77.8	0.4	120.5
0726		11:02:30	7:02:30	77.8	0.0	120.5
0727		11:03:00	7:03:00	77.8	0.0	120.5
0728		11:03:30	7:03:30	77.8	0.0	120.5
0729		11:04:00	7:04:00	77.8	0.0	120.5
0730		11:04:30	7:04:30	78.2	0.4	120.6
0731		11:05:00	7:05:00	78.6	0.4	120.6
0732		11:05:30	7:05:30	78.6	0.0	120.6
0733		11:06:00	7:06:00	78.6	0.0	120.6
0734		11:06:30	7:06:30	78.6	0.0	120.6
0735		11:07:00	7:07:00	78.6	0.0	120.6

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi)		Temp.
				(abs)	(delta)	(deg F)
0736	95-09-22	11:07:30	7:07:30	79.0	0.4	120.6
0737		11:08:00	7:08:00	79.0	0.0	120.6
0738		11:08:30	7:08:30	79.0	0.0	120.6
0739		11:09:00	7:09:00	79.4	0.4	120.6
0740		11:09:30	7:09:30	79.4	0.0	120.6
0741		11:10:00	7:10:00	79.4	0.0	120.6
0742		11:10:30	7:10:30	79.4	0.0	120.6
0743		11:11:00	7:11:00	79.8	0.4	120.6
0744		11:11:30	7:11:30	79.8	-0.0	120.7
0745		11:12:00	7:12:00	79.8	0.0	120.7
0746		11:12:30	7:12:30	80.2	0.4	120.7
0747		11:13:00	7:13:00	80.2	0.0	120.7
0748		11:13:30	7:13:30	80.2	0.0	120.7
0749		11:14:00	7:14:00	80.2	0.0	120.7
0750		11:14:30	7:14:30	80.5	0.4	120.7
0751		11:15:00	7:15:00	80.5	-0.0	120.7
0752		11:15:30	7:15:30	80.5	0.0	120.7
0753		11:16:00	7:16:00	80.9	0.4	120.7
0754		11:16:30	7:16:30	80.9	0.0	120.7
0755		11:17:00	7:17:00	80.9	0.0	120.7
0756		11:17:30	7:17:30	80.9	0.0	120.7
0757		11:18:00	7:18:00	81.3	0.4	120.7
0758		11:18:30	7:18:30	81.3	-0.0	120.7
0759		11:19:00	7:19:00	81.3	0.0	120.7
0760		11:19:30	7:19:30	81.7	0.4	120.7
0761		11:20:00	7:20:00	81.7	0.0	120.7
0762		11:20:30	7:20:30	81.7	0.0	120.7
0763		11:21:00	7:21:00	82.1	0.4	120.7
0764		11:21:30	7:21:30	82.1	0.0	120.7
0765		11:22:00	7:22:00	82.1	0.0	120.7
0766		11:22:30	7:22:30	82.1	-0.0	120.8
0767		11:23:00	7:23:00	82.5	0.4	120.8
0768		11:23:30	7:23:30	82.5	0.0	120.8
0769		11:24:00	7:24:00	82.5	0.0	120.8
0770		11:24:30	7:24:30	82.5	0.0	120.8
0771		11:25:00	7:25:00	82.9	0.4	120.8
0772		11:25:30	7:25:30	82.9	0.0	120.8
0773		11:26:00	7:26:00	82.9	0.0	120.8
0774		11:26:30	7:26:30	82.9	-0.0	120.8
0775		11:27:00	7:27:00	83.3	0.4	120.8
0776		11:27:30	7:27:30	83.3	0.0	120.8
0777		11:28:00	7:28:00	83.3	0.0	120.8
0778		11:28:30	7:28:30	83.6	0.4	120.8
0779		11:29:00	7:29:00	83.6	0.0	120.8
0780		11:29:30	7:29:30	83.6	0.0	120.8
0781		11:30:00	7:30:00	84.0	0.4	120.9
0782		11:30:30	7:30:30	84.0	0.0	120.9
0783		11:31:00	7:31:00	84.0	0.0	120.9
0784		11:31:30	7:31:30	84.0	0.0	120.9

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Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0785	95-09-22	11:32:00	7:32:00	84.4	0.4	120.9
0786		11:32:30	7:32:30	84.4	0.0	120.9
0787		11:33:00	7:33:00	84.4	0.0	120.9
0788		11:33:30	7:33:30	84.8	0.4	120.9
0789		11:34:00	7:34:00	84.8	-0.0	120.9
0790		11:34:30	7:34:30	84.8	0.0	120.9
0791		11:35:00	7:35:00	84.8	0.0	120.9
0792		11:35:30	7:35:30	85.2	0.4	120.9
0793		11:36:00	7:36:00	85.2	0.0	120.9
0794		11:36:30	7:36:30	85.2	0.0	120.9
0795		11:37:00	7:37:00	85.6	0.4	120.9
0796		11:37:30	7:37:30	85.6	0.0	120.9
0797		11:38:00	7:38:00	85.6	-0.0	121.0
0798		11:38:30	7:38:30	85.6	0.0	121.0
0799		11:39:00	7:39:00	86.0	0.4	121.0
0800		11:39:30	7:39:30	86.0	0.0	121.0
0801		11:40:00	7:40:00	86.0	0.0	121.0
0802		11:40:30	7:40:30	86.4	0.4	121.0
0803		11:41:00	7:41:00	86.4	0.0	121.0
0804		11:41:30	7:41:30	86.4	0.0	121.0
0805		11:42:00	7:42:00	86.3	-0.0	121.0
0806		11:42:30	7:42:30	86.7	0.4	121.0
0807		11:43:00	7:43:00	86.7	0.0	121.0
0808		11:43:30	7:43:30	86.7	0.0	121.0
0809		11:44:00	7:44:00	87.1	0.4	121.0
0810		11:44:30	7:44:30	2307.0	2219.8	121.0
0811		11:45:00	7:45:00	2308.7	1.7	121.4
0812		11:45:30	7:45:30	2254.5	-54.1	121.7
0813		11:46:00	7:46:00	2314.9	60.4	122.0
0814		11:46:30	7:46:30	2305.0	-10.0	122.0
0815		11:47:00	7:47:00	2297.1	-7.9	121.9
0816		11:47:30	7:47:30	2290.8	-6.3	121.7
0817		11:48:00	7:48:00	2286.1	-4.7	121.6
0818		11:48:30	7:48:30	2282.6	-3.5	121.5
0819		11:49:00	7:49:00	2359.3	76.7	121.4
0820		11:49:30	7:49:30	2238.7	-120.6	121.2
0821		11:50:00	7:50:00	2286.3	47.6	121.0
0822		11:50:30	7:50:30	2282.2	-4.1	120.6
0823		11:51:00	7:51:00	2226.7	-55.6	120.2
0824		11:51:30	7:51:30	2256.1	29.5	119.8
0825		11:52:00	7:52:00	2200.6	-55.5	119.5
0826		11:52:30	7:52:30	2251.6	51.0	119.1
0827		11:53:00	7:53:00	2225.6	-26.0	118.7
0828		11:53:30	7:53:30	2174.8	-50.8	118.3
0829		11:54:00	7:54:00	2198.3	23.5	117.9
0830		11:54:30	7:54:30	2128.3	-69.9	117.5
0831		11:55:00	7:55:00	2132.2	3.9	117.2
0832		11:55:30	7:55:30	2166.8	34.6	116.9
0833		11:56:00	7:56:00	2119.9	-46.9	116.6

Company: PETROGLYPH OPERATING CO. INC.

Well Name: HOEY #15-20

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0834	95-09-22	11:56:30	7:56:30	2136.5	16.6	116.3
0835		11:57:00	7:57:00	2133.6	-3.0	116.0
0836		11:57:30	7:57:30	2080.7	-52.9	115.7
0837		11:58:00	7:58:00	2108.8	28.2	115.5
0838		11:58:30	7:58:30	2046.7	-62.1	115.2
0839		11:59:00	7:59:00	2041.7	-5.0	115.0
0840		11:59:30	7:59:30	2073.9	32.1	114.7
0841		12:00:00	8:00:00	2031.0	-42.9	114.5
0842		12:00:30	8:00:30	2046.0	15.0	114.2
0843		12:01:00	8:01:00	2040.2	-5.8	113.9
0844		12:01:30	8:01:30	1988.5	-51.7	113.7
0845		12:02:00	8:02:00	2013.5	25.0	113.4
0846		12:02:30	8:02:30	1976.6	-36.9	113.1
0847		12:03:00	8:03:00	1993.6	16.9	112.8
0848		12:03:30	8:03:30	1980.6	-12.9	112.5
0849		12:04:00	8:04:00	1936.6	-44.1	112.2
0850		12:04:30	8:04:30	1954.0	17.4	111.9
0851		12:05:00	8:05:00	1908.8	-45.2	111.6
0852		12:05:30	8:05:30	1934.9	26.2	111.2
0853		12:06:00	8:06:00	1920.8	-14.1	110.9
0854		12:06:30	8:06:30	1873.6	-47.2	110.6
0855		12:07:00	8:07:00	1893.4	19.8	110.2
0856		12:07:30	8:07:30	1877.3	-16.1	110.0
0857		12:08:00	8:08:00	1837.6	-39.7	109.7
0858		12:08:30	8:08:30	1860.5	22.9	109.4
0859		12:09:00	8:09:00	1814.8	-45.7	109.1
0860		12:09:30	8:09:30	1829.4	14.6	108.9
0861		12:10:00	8:10:00	1827.9	-1.4	108.6
0862		12:10:30	8:10:30	1785.8	-42.1	108.3
0863		12:11:00	8:11:00	1800.4	14.6	108.0
0864		12:11:30	8:11:30	1772.3	-28.1	107.7
0865		12:12:00	8:12:00	1744.9	-27.4	107.5
0866		12:12:30	8:12:30	1769.1	24.2	107.2
0867		12:13:00	8:13:00	1728.5	-40.6	106.9
0868		12:13:30	8:13:30	1741.1	12.6	106.7
0869		12:14:00	8:14:00	1736.5	-4.6	106.4
0870		12:14:30	8:14:30	1691.1	-45.4	106.2
0871		12:15:00	8:15:00	1709.3	18.2	105.9
0872		12:15:30	8:15:30	1666.4	-42.9	105.6
0873		12:16:00	8:16:00	1653.4	-13.0	105.3
0874		12:16:30	8:16:30	1680.3	26.9	105.1
0875		12:17:00	8:17:00	1638.9	-41.4	104.9
0876		12:17:30	8:17:30	1649.4	10.5	104.7
0877		12:18:00	8:18:00	1645.6	-3.8	104.4
0878		12:18:30	8:18:30	1602.6	-43.0	104.1
0879		12:19:00	8:19:00	1618.0	15.4	103.8
0880		12:19:30	8:19:30	1591.4	-26.6	103.5
0881		12:20:00	8:20:00	1564.0	-27.4	103.3
0882		12:20:30	8:20:30	1587.0	23.0	103.0

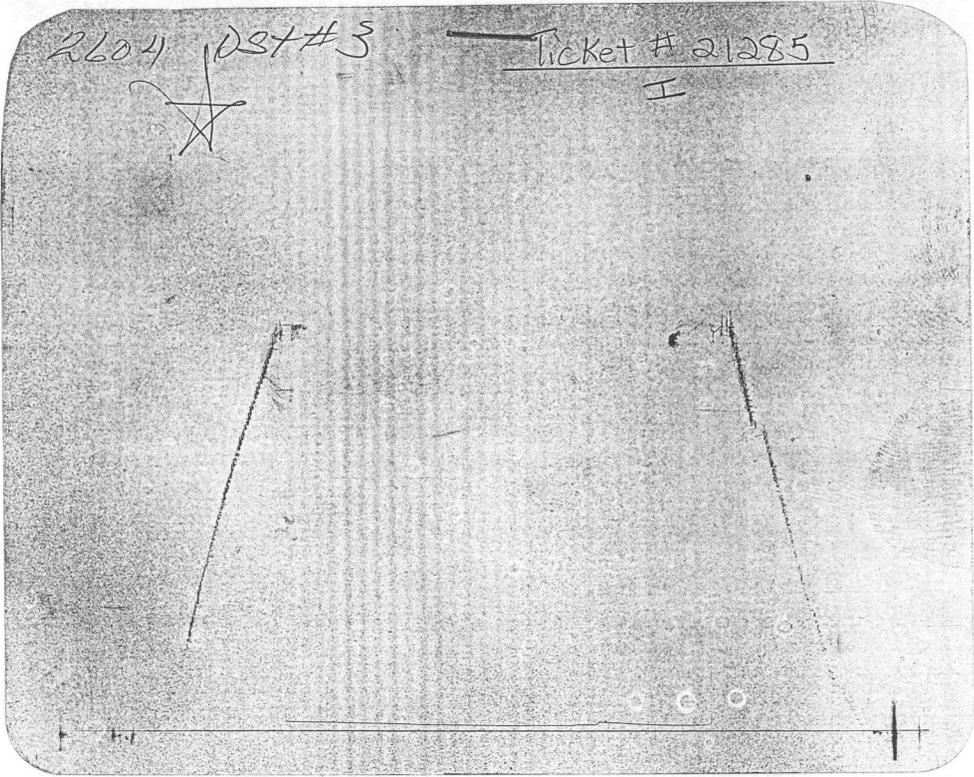
Company: PETROGLYPH OPERATING CO. INC.

Well Name: HOEY #15-20

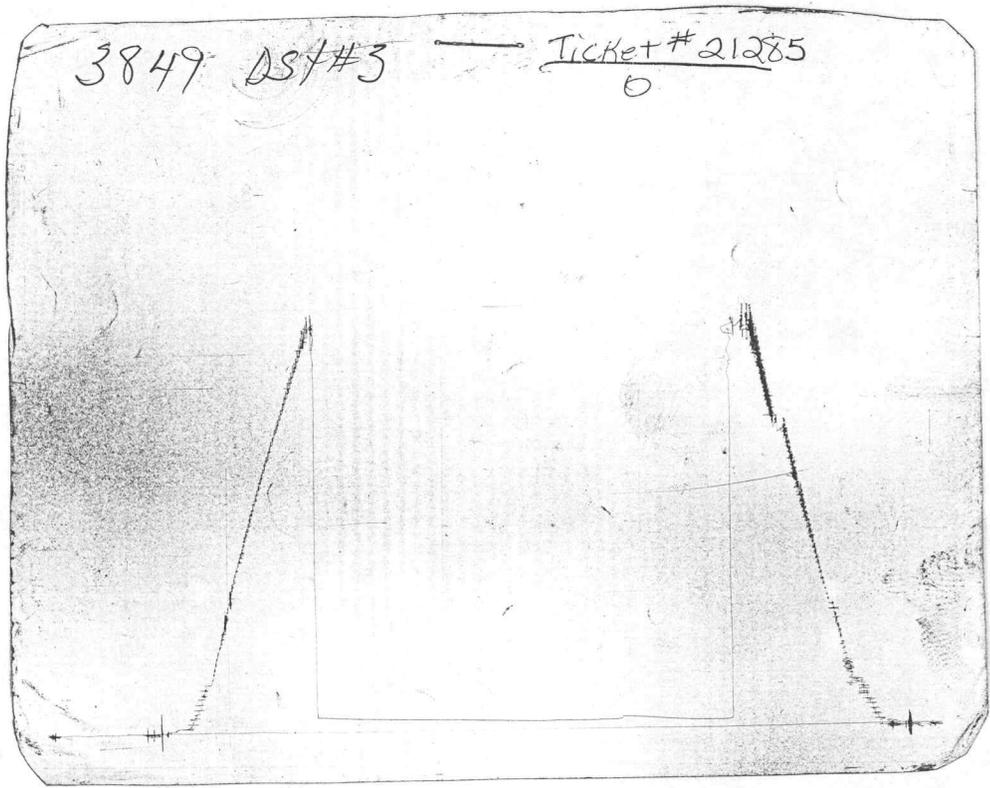
PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0883	95-09-22	12:21:00	8:21:00	1550.8	-36.2	102.7
0884		12:21:30	8:21:30	1557.8	7.0	102.5
0885		12:22:00	8:22:00	1553.6	-4.2	102.2
0886		12:22:30	8:22:30	1502.6	-51.0	101.9
0887		12:23:00	8:23:00	1526.0	23.3	101.7
0888		12:23:30	8:23:30	1480.6	-45.4	101.4
0889		12:24:00	8:24:00	1496.3	15.7	101.2
0890		12:24:30	8:24:30	1492.8	-3.5	101.0
0891		12:25:00	8:25:00	1443.9	-49.0	100.8
0892		12:25:30	8:25:30	1463.6	19.7	100.5
0893		12:26:00	8:26:00	1418.2	-45.4	100.2
0894		12:26:30	8:26:30	1435.2	17.0	100.0
0895		12:27:00	8:27:00	1424.6	-10.6	99.7
0896		12:27:30	8:27:30	1432.0	7.4	99.4
0897		12:28:00	8:28:00	1402.2	-29.8	99.1
0898		12:28:30	8:28:30	1354.8	-47.4	98.8
0899		12:29:00	8:29:00	1372.9	18.1	98.6
0900		12:29:30	8:29:30	1335.5	-37.4	98.3
0901		12:30:00	8:30:00	1344.4	9.0	98.1
0902		12:30:30	8:30:30	1339.4	-5.0	97.8
0903		12:31:00	8:31:00	1320.8	-18.6	97.5
0904		12:31:30	8:31:30	1310.6	-10.2	97.2
0905		12:32:00	8:32:00	1261.7	-48.9	96.9
0906		12:32:30	8:32:30	1282.3	20.5	96.6
0907		12:33:00	8:33:00	1249.7	-32.6	96.3
0908		12:33:30	8:33:30	1253.8	4.1	96.1
0909		12:34:00	8:34:00	1249.1	-4.7	95.9
0910		12:34:30	8:34:30	1260.0	10.9	95.7
0911		12:35:00	8:35:00	1219.4	-40.6	95.5
0912		12:35:30	8:35:30	1173.2	-46.2	95.4
0913		12:36:00	8:36:00	1190.0	16.9	95.2
0914		12:36:30	8:36:30	1147.8	-42.2	95.0
0915		12:37:00	8:37:00	1161.1	13.3	94.8
0916		12:37:30	8:37:30	1136.1	-25.0	94.6
0917		12:38:00	8:38:00	1130.6	-5.5	94.5
0918		12:38:30	8:38:30	1128.3	-2.3	94.2
0919		12:39:00	8:39:00	1078.9	-49.5	94.1
0920		12:39:30	8:39:30	1097.7	18.9	94.0
0921		12:40:00	8:40:00	1061.4	-36.3	93.8
0922		12:40:30	8:40:30	1067.9	6.5	93.7
0923		12:41:00	8:41:00	1033.7	-34.2	93.6
0924		12:41:30	8:41:30	1038.9	5.2	93.5
0925		12:42:00	8:42:00	995.6	-43.3	93.2
0926		12:42:30	8:42:30	1008.9	13.2	93.1
0927		12:43:00	8:43:00	1006.2	-2.7	92.9
0928		12:43:30	8:43:30	978.4	-27.8	92.7
0929		12:44:00	8:44:00	977.2	-1.1	92.6
0930		12:44:30	8:44:30	931.5	-45.8	92.5

Job terminated by operator.



Inside Recorder



Outside Recorder