



123 Robert S. Kerr Ave.
Oklahoma City, OK 73102

Daily Operations DUKE SWD 3404 1-8

Report Date: 4/2/2015, Report # 1, DFS: 306.92

| | | | | | | | |
|--------------------------|---------------------------|------------------------|--|----------------------------|-------------|--------------------------------|---------------------|
| Corporate ID 127019 | API No. 15191227290000 | Operated? Yes | Operator SANDRIDGE EXPLORATION AND PRODUCTION LLC | | | Current Well Status SERVICE | WI (%) 72.738400 |
| Well Type DEVELOPMENT | Well Config SWD | Dual Completion? No | Division MIDCON | Subdivision DEVELOPMENT | State KS | County/Parish SUMNER | District |
| Township 34 | Twnshp N/S Dir S | Range 4 | Range E/W Dir W | Section 8 | Section Suf | Field Name BLUFF CREEK | |
| Well Sub-Status SWD | | NRI (%) .000000 | | | | | |

Daily Operations

| | |
|-------------------------------------|-----------------------------------|
| Report Start Date 4/1/2015 05:00 | Report End Date 4/2/2015 05:00 |
|-------------------------------------|-----------------------------------|

Operations at Report Time

On injection

Operations Summary

Tag TD w/Slickline - KCC Rep: Steve VanGieson

Operations Next 24 Hours

On injection

Safety / PINC Topic

Driving in dust, overhead hazards

Daily Contacts

Job Contact

Time Log

| Start Time | End Time | Dur (hr) | Cum Dur (hr) | Iadc Code | Category | Dpth Start (ftKB) | Dpth End (ftKB) | Description |
|------------|----------|----------|--------------|-----------|----------|-------------------|-----------------|---|
| 05:00 | 08:30 | 3.50 | 3.50 | | | | | On injection |
| 08:30 | 09:00 | 0.50 | 4.00 | | | | | PJSM |
| 09:00 | 10:00 | 1.00 | 5.00 | | | | | Met KCC, MIRU AOS Slickline, TIH w/ 1 1/2" sample bailer, tagged PBTB @ 5692'. TOH, RDMO Slickline, returned well to injection. |
| 10:00 | 05:00 | 19.00 | 24.00 | | | | | On injection |

Received
KANSAS CORPORATION COMMISSION

APR 20 2015

CONSERVATION DIVISION
WICHITA, KS

APR 20 2015

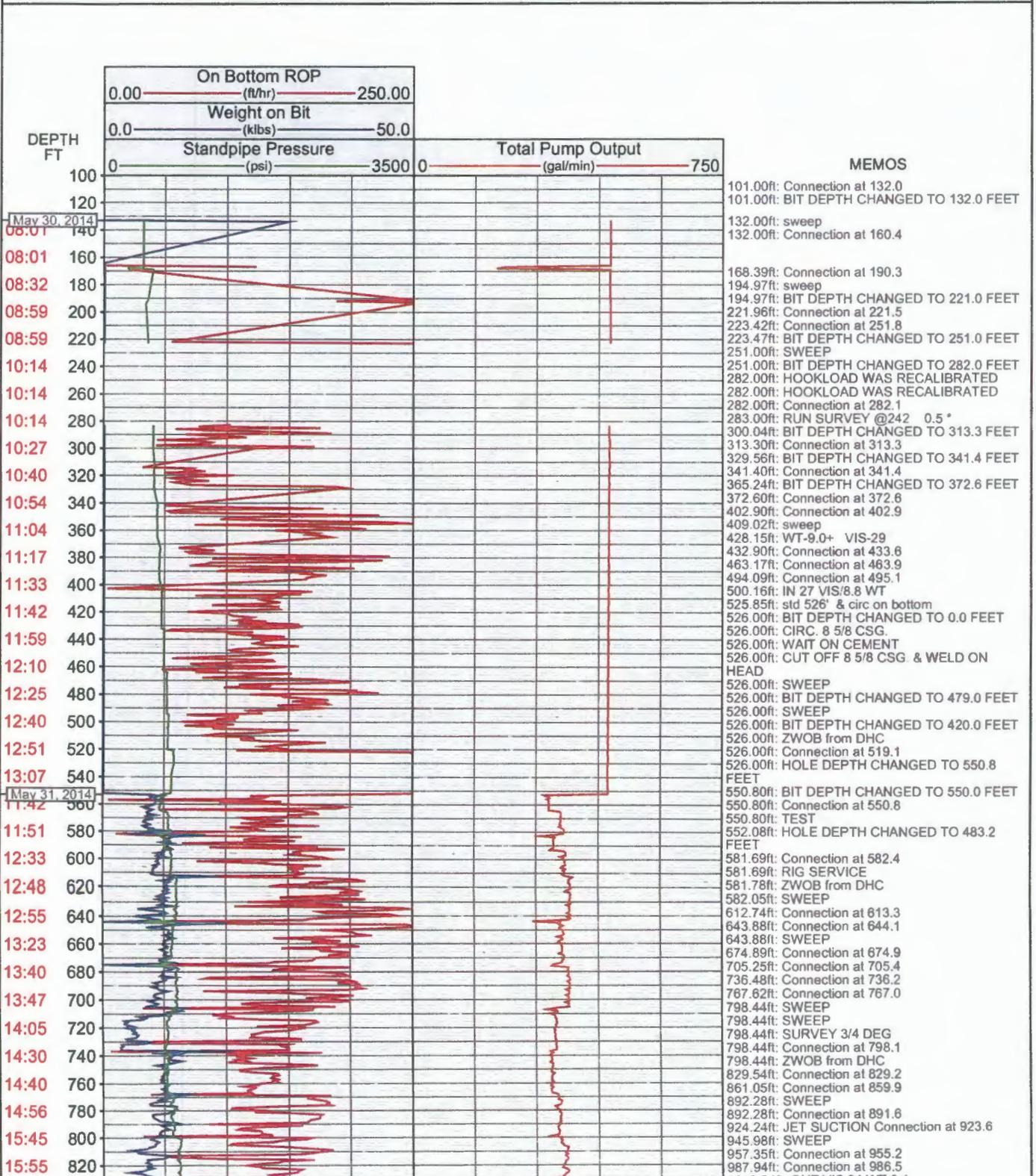
Mon Apr 20, 2015 08:33:29
Well Dossier 13626541
Terri Shaum

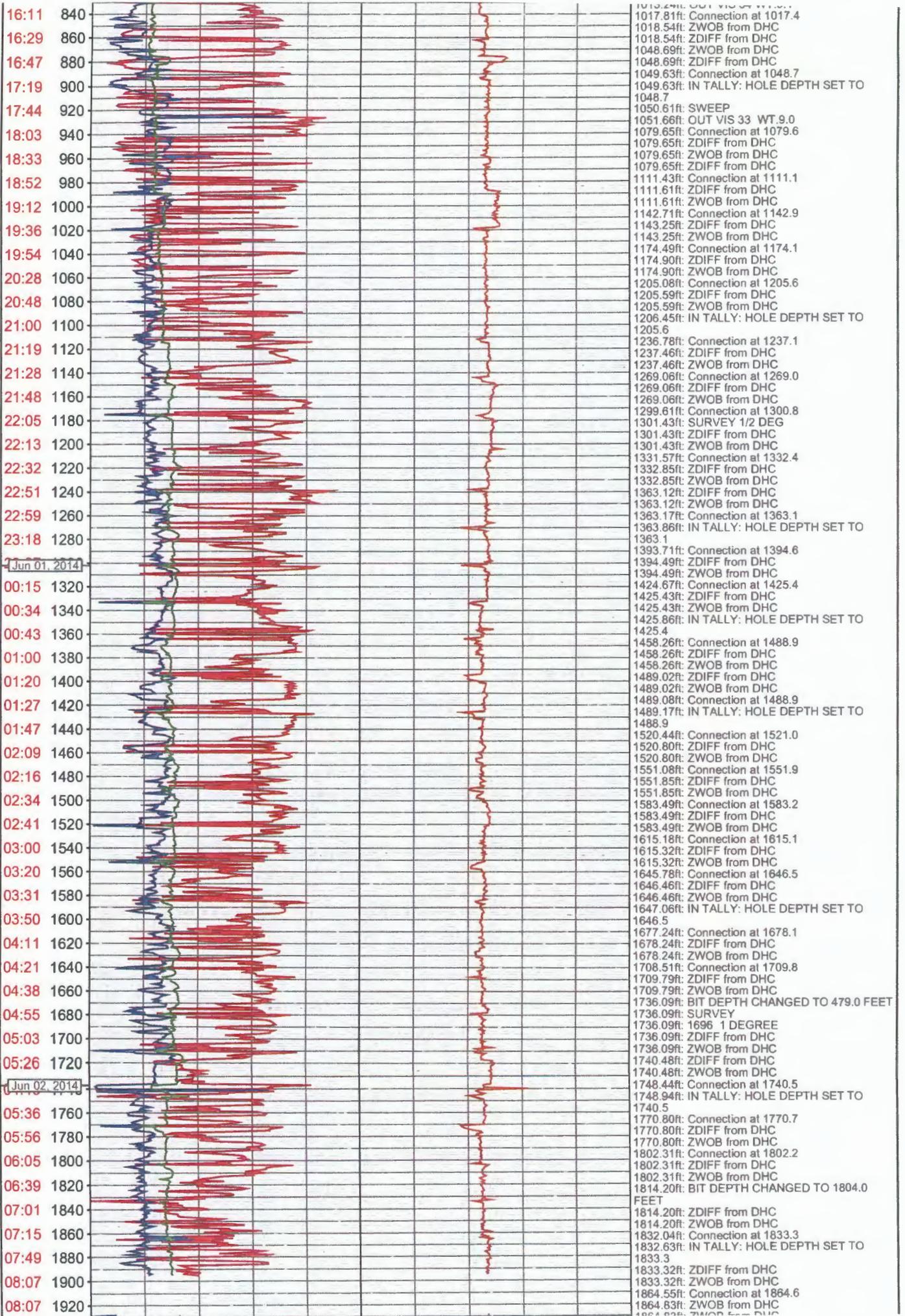
DataHub EDR Log

CONSERVATION DIVISION
WICHITA, KS

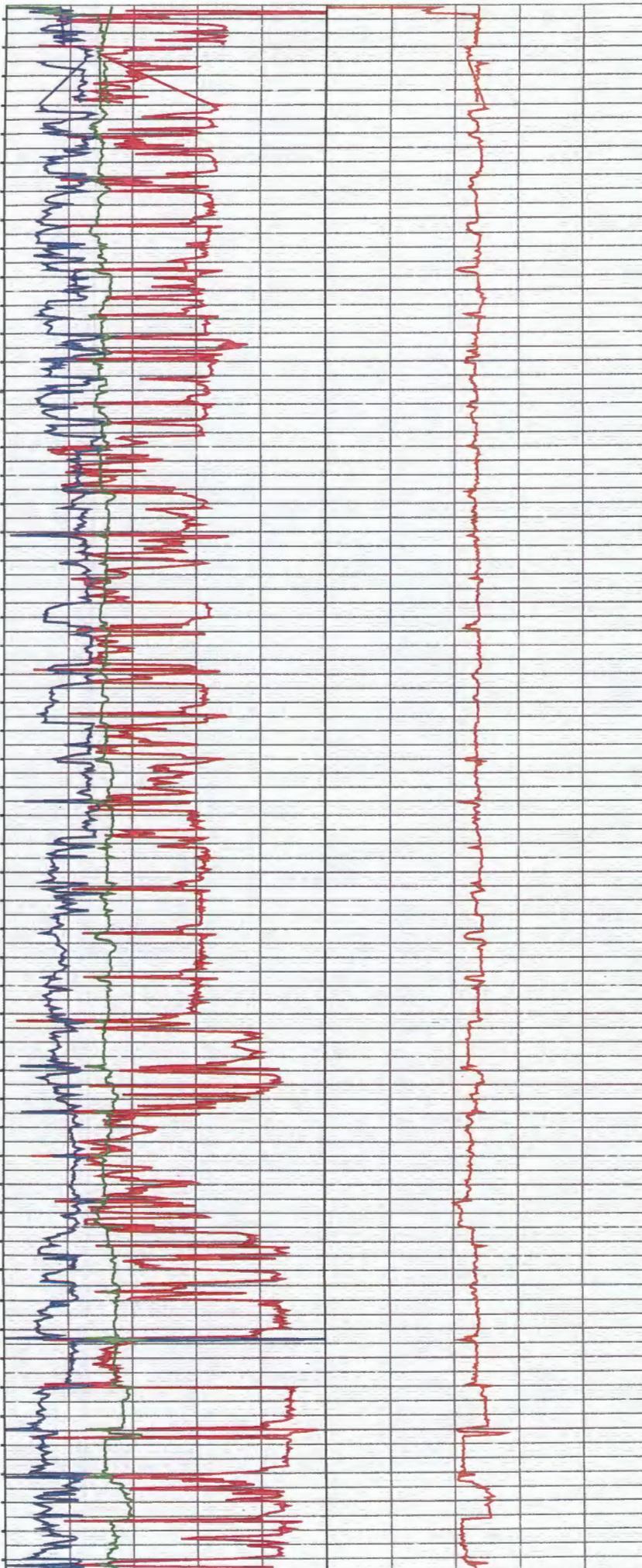
OPERATOR: Sandridge Expl & Prod, LLC
WELL: DUKE 3404 1-8
FIELD:
LOCATION:
COUNTRY: USA
RIG: Tomcat Drilling 3

CONTRACTOR: Tomcat Drilling, LLC
UNIQUE WELL ID:
SPUD DATE: May 30, 2014 05:00
RELEASE DATE: Jun 09, 2014 17:00
FROM DEPTH: 80.00ft
TO DEPTH: 5728.00ft

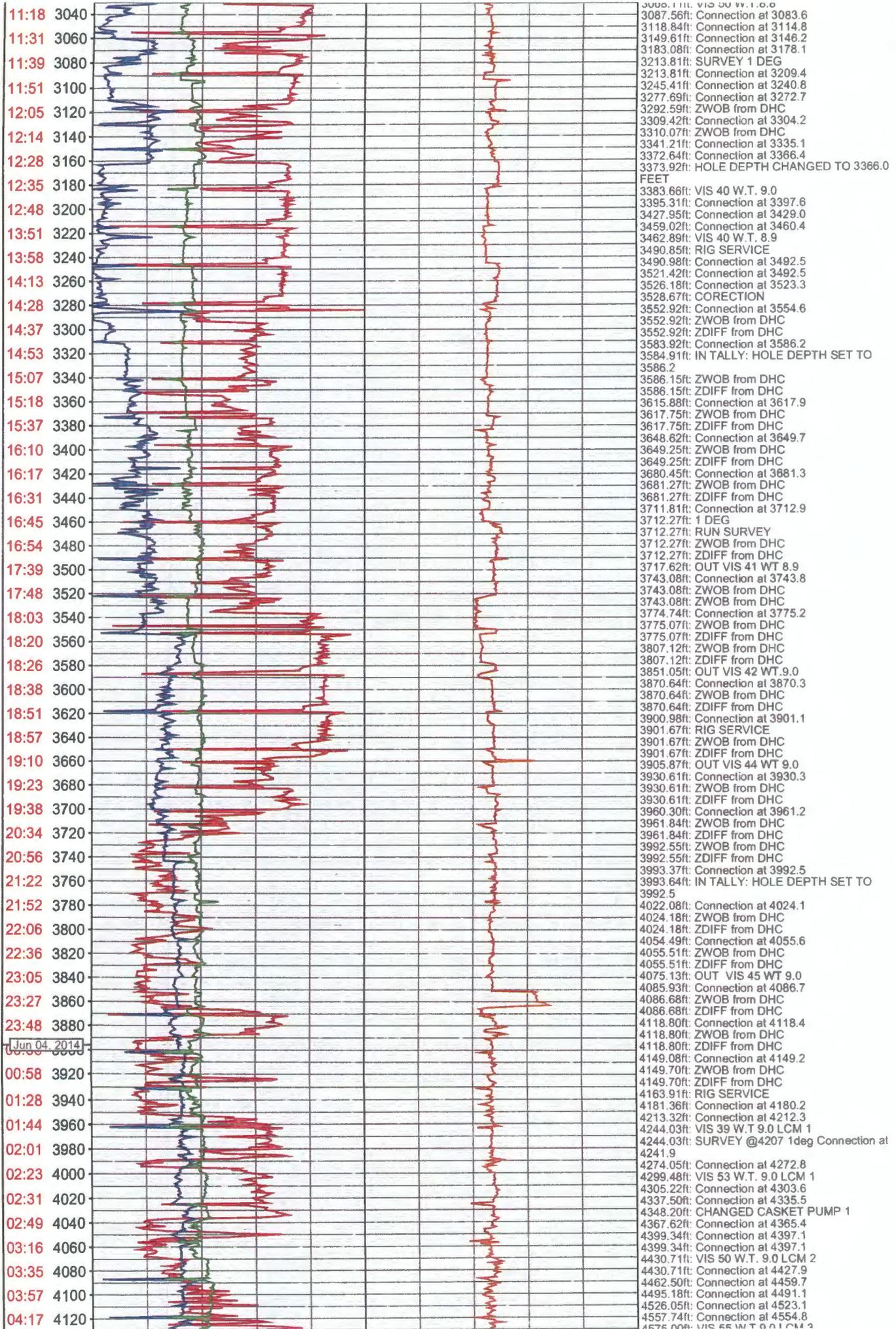


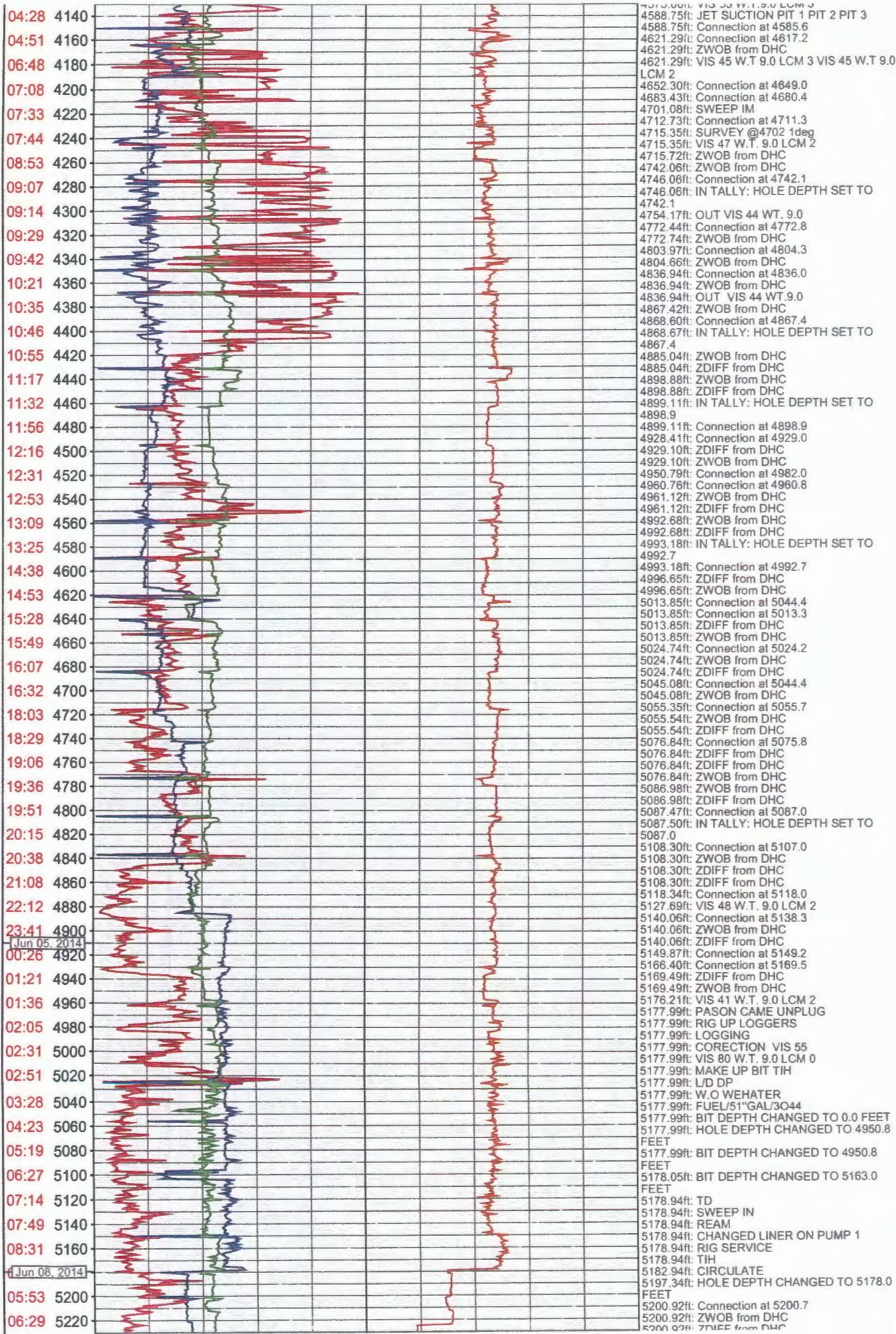


08:11 1940
20:32 1960
20:38 1980
21:42 2000
21:50 2020
22:07 2040
22:26 2060
22:33 2080
22:50 2100
23:08 2120
23:17 2140
23:34 2160
23:52 2180
Jun 03, 2014
00:37 2220
00:56 2240
01:15 2260
01:36 2280
01:45 2300
02:03 2320
02:24 2340
02:35 2360
02:55 2380
03:18 2400
03:27 2420
03:46 2440
04:06 2460
04:15 2480
04:34 2500
04:43 2520
05:02 2540
05:19 2560
05:27 2580
05:42 2600
06:00 2620
06:08 2640
06:29 2660
06:41 2680
06:48 2700
07:45 2720
08:07 2740
08:20 2760
08:38 2780
08:48 2800
09:00 2820
09:13 2840
09:19 2860
09:37 2880
10:00 2900
10:06 2920
10:20 2940
10:26 2960
10:39 2980
10:58 3000
11:04 3020



1004.83ft. ZWOB from DHC
1895.00ft: Connection at 1896.1
1927.00ft: TRIP IN HOLE
1932.86ft: ZWOB from DHC
1933.04ft: ZWOB from DHC
1936.74ft: ZWOB from DHC
1958.24ft: ZWOB from DHC
1958.24ft: ZWOB from DHC
1958.24ft: ZDIFF from DHC
1967.47ft: Connection at 1927.4
1967.47ft: ZWOB from DHC
1969.57ft: TIH TOH FOR WATER PUMP DOWN
1969.57ft: RIG SERVICE
1969.57ft: DOWN FOR WATER PUMP
1969.57ft: HOLE DEPTH CHANGED TO 1927.0
FEET
1989.11ft: Connection at 1989.5
1989.11ft: ZWOB from DHC
1989.11ft: ZDIFF from DHC
1998.57ft: Connection at 1958.2
1998.57ft: IN TALLY: HOLE DEPTH SET TO
1958.2
2021.12ft: Connection at 2021.2
2021.12ft: ZDIFF from DHC
2021.12ft: ZWOB from DHC
2029.25ft: OUT VIS 36 WT. 8.9
2051.66ft: Connection at 2051.9
2051.66ft: ZWOB from DHC
2051.66ft: ZDIFF from DHC
2083.26ft: Connection at 2083.1
2083.26ft: ZWOB from DHC
2083.26ft: ZDIFF from DHC
2112.71ft: Connection at 2114.5
2114.59ft: ZWOB from DHC
2114.59ft: ZDIFF from DHC
2146.55ft: Connection at 2146.1
2146.55ft: ZWOB from DHC
2146.55ft: ZDIFF from DHC
2177.09ft: ZWOB from DHC
2177.09ft: ZDIFF from DHC
2177.46ft: Connection at 2177.0
2177.78ft: IN TALLY: HOLE DEPTH SET TO
2177.0
2207.63ft: Connection at 2208.6
2208.32ft: SURVEY
2208.32ft: ZWOB from DHC
2208.32ft: ZWOB from DHC
2238.36ft: Connection at 2239.5
2239.28ft: ZWOB from DHC
2239.28ft: ZDIFF from DHC
2271.29ft: Connection at 2271.1
2271.29ft: ZWOB from DHC
2271.29ft: ZDIFF from DHC
2301.38ft: Connection at 2301.4
2301.79ft: ZWOB from DHC
2301.79ft: ZDIFF from DHC
2332.47ft: Connection at 2332.9
2332.70ft: ZWOB from DHC
2332.70ft: ZDIFF from DHC
2364.53ft: Connection at 2364.4
2365.08ft: ZWOB from DHC
2365.08ft: ZDIFF from DHC
2396.63ft: Connection at 2395.9
2396.67ft: ZWOB from DHC
2396.67ft: ZDIFF from DHC
2427.49ft: Connection at 2426.7
2427.49ft: ZWOB from DHC
2427.49ft: ZDIFF from DHC
2458.67ft: ZWOB from DHC
2458.67ft: ZDIFF from DHC
2459.64ft: Connection at 2458.7
2459.78ft: IN TALLY: HOLE DEPTH SET TO
2458.7
2489.77ft: Connection at 2490.0
2489.81ft: ZWOB from DHC
2489.81ft: ZDIFF from DHC
2520.68ft: Connection at 2521.8
2521.81ft: ZWOB from DHC
2521.81ft: ZDIFF from DHC
2522.09ft: IN TALLY: HOLE DEPTH SET TO
2521.8
2551.17ft: Connection at 2551.3
2551.17ft: ZWOB from DHC
2551.17ft: ZDIFF from DHC
2582.00ft: Connection at 2582.5
2582.63ft: ZWOB from DHC
2582.63ft: ZDIFF from DHC
2612.68ft: Connection at 2613.4
2613.36ft: ZWOB from DHC
2613.36ft: ZDIFF from DHC
2643.50ft: Connection at 2644.3
2676.74ft: Connection at 2676.2
2708.80ft: SWEEP
2708.80ft: SURVEY 2707 3/4 DEG Connection at
2707.8
2739.98ft: Connection at 2707.8 Connection at
2738.2
2750.99ft: COMPUTER NOT ADD DP PIPE
2755.05ft: CORECTION DON
2771.31ft: Connection at 2738.2
2772.95ft: Connection at 2769.0
2800.57ft: Connection at 2800.7
2833.59ft: Connection at 2831.8
2864.87ft: SWEEP
2866.88ft: Connection at 2863.4
2898.20ft: Connection at 2895.1
2899.98ft: ZWOB from DHC
2928.79ft: Connection at 2926.7
2961.90ft: Connection at 2958.5
2992.03ft: Connection at 2990.0
3000.53ft: DISPLACEMENT
3024.91ft: Connection at 3020.8
3055.23ft: Connection at 3051.6
3055.44ft: DISPLACEMENT





04:28 4140
 04:51 4160
 06:48 4180
 07:08 4200
 07:33 4220
 07:44 4240
 08:53 4260
 09:07 4280
 09:14 4300
 09:29 4320
 09:42 4340
 10:21 4360
 10:35 4380
 10:46 4400
 10:55 4420
 11:17 4440
 11:32 4460
 11:56 4480
 12:16 4500
 12:31 4520
 12:53 4540
 13:09 4560
 13:25 4580
 14:38 4600
 14:53 4620
 15:28 4640
 15:49 4660
 16:07 4680
 16:32 4700
 18:03 4720
 18:29 4740
 19:06 4760
 19:36 4780
 19:51 4800
 20:15 4820
 20:38 4840
 21:08 4860
 22:12 4880
 23:41 4900
 Jun 05, 2014
 00:26 4920
 01:21 4940
 01:36 4960
 02:05 4980
 02:31 5000
 02:51 5020
 03:28 5040
 04:23 5060
 05:19 5080
 06:27 5100
 07:14 5120
 07:49 5140
 08:31 5160
 Jun 08, 2014
 05:53 5200
 06:29 5220

4588.75ft: JET SUCTION PIT 1 PIT 2 PIT 3
 4588.75ft: Connection at 4585.6
 4621.29ft: Connection at 4617.2
 4621.29ft: ZWOB from DHC
 4621.29ft: VIS 45 W.T 9.0 LCM 3 VIS 45 W.T 9.0 LCM 2
 4652.30ft: Connection at 4649.0
 4683.43ft: Connection at 4680.4
 4701.08ft: SWEEP IM
 4712.73ft: Connection at 4711.3
 4715.35ft: SURVEY @4702 1deg
 4715.35ft: VIS 47 W.T. 9.0 LCM 2
 4715.72ft: ZWOB from DHC
 4742.06ft: ZWOB from DHC
 4746.06ft: Connection at 4742.1
 4746.06ft: IN TALLY: HOLE DEPTH SET TO 4742.1
 4754.17ft: OUT VIS 44 WT. 9.0
 4772.44ft: Connection at 4772.8
 4772.74ft: ZWOB from DHC
 4803.97ft: Connection at 4804.3
 4804.66ft: ZWOB from DHC
 4836.94ft: Connection at 4836.0
 4836.94ft: ZWOB from DHC
 4836.94ft: OUT VIS 44 WT. 9.0
 4867.42ft: ZWOB from DHC
 4868.60ft: Connection at 4867.4
 4868.67ft: IN TALLY: HOLE DEPTH SET TO 4867.4
 4885.04ft: ZWOB from DHC
 4885.04ft: ZDIFF from DHC
 4898.88ft: ZWOB from DHC
 4898.88ft: ZDIFF from DHC
 4899.11ft: IN TALLY: HOLE DEPTH SET TO 4898.9
 4899.11ft: Connection at 4898.9
 4928.41ft: Connection at 4929.0
 4929.10ft: ZDIFF from DHC
 4929.10ft: ZWOB from DHC
 4950.79ft: Connection at 4982.0
 4960.76ft: Connection at 4960.8
 4961.12ft: ZWOB from DHC
 4961.12ft: ZDIFF from DHC
 4992.68ft: ZWOB from DHC
 4992.68ft: ZDIFF from DHC
 4993.18ft: IN TALLY: HOLE DEPTH SET TO 4992.7
 4993.18ft: Connection at 4992.7
 4996.65ft: ZDIFF from DHC
 4996.65ft: ZWOB from DHC
 5013.85ft: Connection at 5044.4
 5013.85ft: Connection at 5013.3
 5013.85ft: ZDIFF from DHC
 5013.85ft: ZWOB from DHC
 5024.74ft: Connection at 5024.2
 5024.74ft: ZWOB from DHC
 5024.74ft: ZDIFF from DHC
 5045.08ft: Connection at 5044.4
 5045.08ft: ZWOB from DHC
 5055.35ft: Connection at 5055.7
 5055.54ft: ZWOB from DHC
 5055.54ft: ZDIFF from DHC
 5076.84ft: Connection at 5075.8
 5076.84ft: ZDIFF from DHC
 5076.84ft: ZDIFF from DHC
 5076.84ft: ZWOB from DHC
 5086.98ft: ZWOB from DHC
 5086.98ft: ZDIFF from DHC
 5087.47ft: Connection at 5087.0
 5087.50ft: IN TALLY: HOLE DEPTH SET TO 5087.0
 5108.30ft: Connection at 5107.0
 5108.30ft: ZWOB from DHC
 5108.30ft: ZDIFF from DHC
 5108.30ft: ZDIFF from DHC
 5118.34ft: Connection at 5118.0
 5127.69ft: VIS 48 W.T. 9.0 LCM 2
 5140.06ft: Connection at 5138.3
 5140.06ft: ZWOB from DHC
 5140.06ft: ZDIFF from DHC
 5149.87ft: Connection at 5149.2
 5166.40ft: Connection at 5169.5
 5169.49ft: ZDIFF from DHC
 5169.49ft: ZWOB from DHC
 5176.21ft: VIS 41 W.T. 9.0 LCM 2
 5177.99ft: PASON CAME UNPLUG
 5177.99ft: RIG UP LOGGERS
 5177.99ft: LOGGING
 5177.99ft: CORECTION VIS 55
 5177.99ft: VIS 80 W.T. 9.0 LCM 0
 5177.99ft: MAKE UP BIT TIH
 5177.99ft: L/D DP
 5177.99ft: W.O WEHATER
 5177.99ft: FUEL/51"GAL/3044
 5177.99ft: BIT DEPTH CHANGED TO 0.0 FEET
 5177.99ft: HOLE DEPTH CHANGED TO 4950.8 FEET
 5177.99ft: BIT DEPTH CHANGED TO 4950.8 FEET
 5178.05ft: BIT DEPTH CHANGED TO 5163.0 FEET
 5178.94ft: TD
 5178.94ft: SWEEP IN
 5178.94ft: REAM
 5178.94ft: CHANGED LINER ON PUMP 1
 5178.94ft: RIG SERVICE
 5178.94ft: TIH
 5182.94ft: CIRCULATE
 5197.34ft: HOLE DEPTH CHANGED TO 5178.0 FEET
 5200.92ft: Connection at 5200.7
 5200.92ft: ZWOB from DHC
 5200.92ft: ZDIFF from DHC

| | | | | | | |
|-------|------|--|--|--|--|---|
| 07:18 | 5240 | | | | | 5221.65ft: ZDIFF from DHC |
| | | | | | | 5221.65ft: ZWOB from DHC |
| 07:49 | 5260 | | | | | 5224.15ft: PUMP 1 DISPLACEMENT RECALIBRATED |
| 08:39 | 5280 | | | | | 5231.79ft: Connection at 5231.8 |
| | | | | | | 5231.79ft: ZDIFF from DHC |
| 09:20 | 5300 | | | | | 5231.79ft: ZWOB from DHC |
| 09:53 | 5320 | | | | | 5262.93ft: Connection at 5262.9 |
| | | | | | | 5262.93ft: ZDIFF from DHC |
| | | | | | | 5262.93ft: ZWOB from DHC |
| 10:33 | 5340 | | | | | 5294.32ft: Connection at 5294.1 |
| | | | | | | 5294.32ft: ZDIFF from DHC |
| | | | | | | 5294.32ft: ZWOB from DHC |
| 11:04 | 5360 | | | | | 5325.53ft: Connection at 5325.4 |
| | | | | | | 5325.53ft: ZDIFF from DHC |
| | | | | | | 5325.53ft: ZWOB from DHC |
| 11:36 | 5380 | | | | | 5356.99ft: Connection at 5356.6 |
| | | | | | | 5356.99ft: ZDIFF from DHC |
| | | | | | | 5356.99ft: ZWOB from DHC |
| 12:37 | 5400 | | | | | 5387.80ft: Connection at 5387.8 |
| | | | | | | 5387.80ft: ZDIFF from DHC |
| | | | | | | 5387.80ft: ZWOB from DHC |
| 13:11 | 5420 | | | | | 5390.12ft: RIG SERV |
| 13:38 | 5440 | | | | | 5419.16ft: Connection at 5419.0 |
| | | | | | | 5419.16ft: ZDIFF from DHC |
| | | | | | | 5419.16ft: ZWOB from DHC |
| 14:14 | 5460 | | | | | 5450.56ft: Connection at 5450.2 |
| | | | | | | 5450.56ft: ZDIFF from DHC |
| | | | | | | 5450.56ft: ZWOB from DHC |
| 14:42 | 5480 | | | | | 5481.79ft: Connection at 5481.3 |
| | | | | | | 5481.79ft: ZDIFF from DHC |
| | | | | | | 5481.79ft: ZWOB from DHC |
| 15:22 | 5500 | | | | | 5513.22ft: Connection at 5512.5 |
| | | | | | | 5513.22ft: ZDIFF from DHC |
| | | | | | | 5513.22ft: ZWOB from DHC |
| 16:02 | 5520 | | | | | 5543.80ft: Connection at 5543.8 |
| | | | | | | 5543.80ft: ZDIFF from DHC |
| | | | | | | 5543.80ft: ZWOB from DHC |
| 16:38 | 5540 | | | | | 5575.16ft: Connection at 5575.1 |
| | | | | | | 5575.16ft: ZDIFF from DHC |
| | | | | | | 5575.16ft: ZWOB from DHC |
| 17:34 | 5560 | | | | | 5606.63ft: Connection at 5606.3 |
| | | | | | | 5606.63ft: ZDIFF from DHC |
| | | | | | | 5606.63ft: ZWOB from DHC |
| 18:15 | 5580 | | | | | 5637.53ft: Connection at 5637.6 |
| | | | | | | 5637.53ft: ZDIFF from DHC |
| | | | | | | 5637.53ft: ZWOB from DHC |
| 18:42 | 5600 | | | | | 5668.60ft: Connection at 5668.6 |
| | | | | | | 5668.60ft: ZDIFF from DHC |
| | | | | | | 5668.60ft: ZWOB from DHC |
| 19:16 | 5620 | | | | | 5699.61ft: Connection at 5699.8 |
| | | | | | | 5699.61ft: ZDIFF from DHC |
| | | | | | | 5699.61ft: ZWOB from DHC |
| 19:56 | 5640 | | | | | 5699.70ft: ZDIFF from DHC |
| | | | | | | 5699.70ft: ZWOB from DHC |
| 20:26 | 5660 | | | | | 5699.70ft: ZDIFF from DHC |
| | | | | | | 5699.70ft: ZWOB from DHC |
| 21:17 | 5680 | | | | | 5699.70ft: ZDIFF from DHC |
| | | | | | | 5699.70ft: ZWOB from DHC |
| 22:00 | 5700 | | | | | 5699.70ft: ZDIFF from DHC |
| | | | | | | 5699.70ft: ZWOB from DHC |
| 22:43 | 5720 | | | | | 5699.70ft: ZDIFF from DHC |
| | | | | | | 5699.70ft: ZWOB from DHC |
| | 5740 | | | | | |