

Adam Eldani Geo-Log/Report

WellSight Systems

Scale 1:240 (5"=100') Imperial

Measured Depth Log

Well Name: #1 Baker 13CD

Location: SEC 13- twp 17S- rge 35W "WICHITA COUNTY"

License Number: API 15-203-20187

Region: KANSAS

Spud Date: 09/17/2012

Drilling Completed: 10/02/2012

Surface Coordinates: 1780' FSL 830' FEL 130'N 160'E of SW NE SE

Bottom Hole Deviation Surveys are detailed through out the Geo-Report.

Coordinates:

Ground Elevation (ft): 3135'

K.B. Elevation (ft): 3143'

Logged Interval (ft): 3500' To: 4999'

Total Depth (ft): 4999'

Formation: Mississippian

Type of Drilling Fluid: Mud-Co Chemical

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Ritchie Exploration Inc. (drilled by DUKE #2)

Address: 8100 E. 22nd ST. N. #700

Wichita, KS, 67278-3188

GEOLOGIST

Name: Adam M.A. Eldani

Company: Ritchie Exploration Inc.

Address: 8100 E. 22nd ST. N. #700

Wichita, KS, 67278-3188

TOPS & DRILL REPORT

TOPS:

E-LOG:

SAMPLE TOPS:

ANHY: 2438'+705	ANHY: 2436'+707
B/ANHY: 2458'+685	B/ANHY: 2455'+688
STOTLER: 3620'-477	STOTLER: 3619'-476
HEEBNER: 4005'-862	HEEBNER: 4002'-859
LANSING: 4051'-908	LANSING: 4048'-905
MUNCIE: 4234'-1091	MUNCIE: 4234'-1091
STARK: 4341'-1198	STARK: 4337'-1194
ALTAMONT: 4486'-1343	ALTAMONT: 4490'-1347
PAWNEE: 4564'-1421	PAWNEE: 4570'-1427
CHEROKEE: 4645'-1502	CHEROKEE: 4642'-1499
MISS: 4854'-1711	MISS: 4854'-1711

DAILY MORNING DRILLING REPORT

9/17 SPUD
9/18 747'
9/19 2131'
9/20 3103'
9/21 3686'
9/22 4054'
9/23 4090'
9/24 4177'
9/25 4270'
9/26 4307'
9/27 4393'
9/28 4494'
9/29 4530'
9/30 4648'
10/1 4905'
10/2 4999'

Misc. Info.

All DST's info. are NEAR the correct log depth.

RIG: DUKE DRILLING RIG #2
DRILLPIPE: 4-1/2" XH

TOOLPUSHER: Dion Vasquez
MUD: MUDCO (Tony Maestas)
GAS DETECTOR: NONE
DRILL STEM TESTS: SUPERIOR TESTING
LOGS: NABORS

OFFICE: MIKE ENGELBREGHT
FIELD: SCOTT BOEH

Comments

SURFACE Casing: 8 5/8" @ 231'

Well Log Surveys BY NABORS: Compensated Density/ Neutron Log, & Dual Induction.

STRUCTURALLY, THIS WELL RAN LOWER TO OFFSET, ALL SHOWS WERE TESTED.


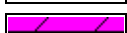



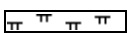
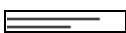
After evaluation of DST's and Electric Logs, 5 1/2" Production casing was set on the #1 BAKER 13CD for further testing for commercial quantities of oil and gas.

SAMPLES WILL BE DEPOSITED WITH KANSAS GEOLOGICAL SURVEY.








































































RESPECTFULLY SUBMITTED

Adam M. A. Eldani
























ROCK TYPES

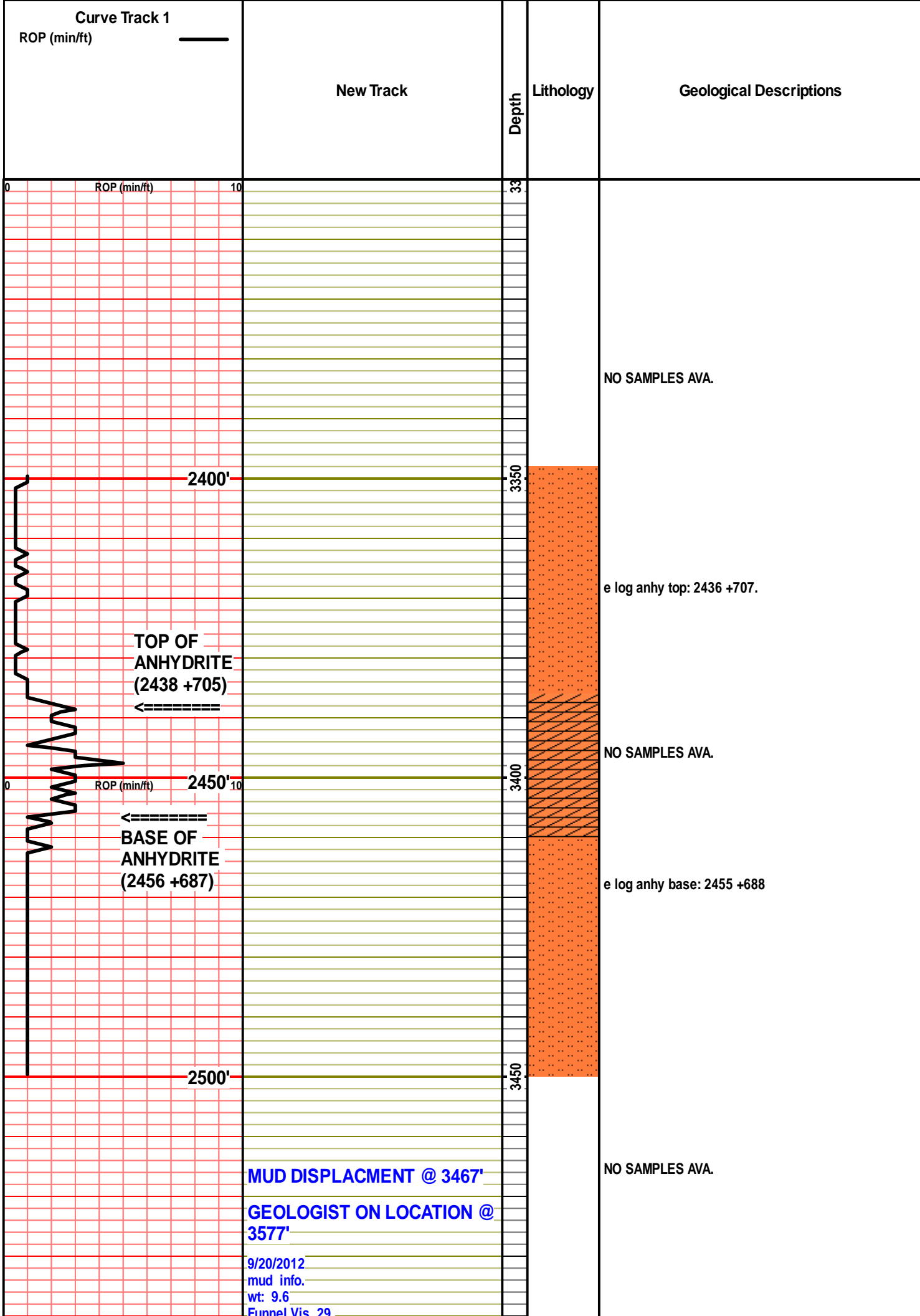
 Anhy  Bent  Brec  Cht	 Clyst  Coal  Congl  Dol	 Gyp  Igne  Lmst  Meta	 Mrst  Salt  Shale  Shcol	 Shgy  Sltst  Ss  Till
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ACCESSORIES

MINERAL  Anhy  Arggrn  Arg  Bent  Bit  Brecfrag  Calc  Carb  Chtdk  Chtlt  Dol  Feldspar  Ferrpel  Ferr  Glau	 Gyp  Hvymin  Kaol  Marl  Minxl  Nodule  Phos  Pyr  Salt  Sandy  Silt  Sil  Sulphur  Tuff	FOSSIL  Algae  Amph  Belm  Bioclst  Brach  Bryozoa  Cephal  Coral  Crin  Echin  Fish  Foram  Fossil  Gastro  Oolite	 Ostra  Pelec  Pellet  Pisolite  Plant  Strom STRINGER  Anhy  Arg  Bent  Coal  Dol  Gyp  Ls  Mrst	 Sltstrg  Ssstrg TEXTURE  Boundst  Chalky  Cryxln  Earthy  Finexln  Grainst  Lithogr  Microxln  Mudst  Packst  Wackest
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OTHER SYMBOLS

POROSITY  Earthy  Fenest  Fracture  Inter  Moldic  Organic  Pinpoint	 Vuggy SORTING  Well  Moderate  Poor	ROUNDING  Rounded  Subrnd  Subang  Angular OIL SHOW  Even	 Spotted  Ques  Dead INTERVAL  Core  Dst	EVENT  Rft  Sidewall
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Curve Track 1

ROP (min/ft)

New Track

Depth

Lithology

Geological Descriptions

ROP (min/ft)

10

33

TOP OF ANHYDRITE (2438 +705)

BASE OF ANHYDRITE (2456 +687)

2400'

2450'

2500'

3350

3400

3450

MUD DISPLACMENT @ 3467'

GEOLOGIST ON LOCATION @ 3577'

9/20/2012
mud info.
wt: 9.6
Funnel Vis: 29

NO SAMPLES AVA.

NO SAMPLES AVA.

NO SAMPLES AVA.

Funnel No. 20
Filtrate API n/c
Chloride 48,000
LCM 1

3500

**PUMP PRESSURE:
850+**

NO SAMPLES AVA.

9/21/2012
mud info.
wt: 8.8
Funnel Vis. 45
Filtrate API 7.2
Chloride 3,700
LCM 1

3550

NO SAMPLES AVA.

PUMP PRESSURE: 900+

3610: mstly red sh, tan-buff dolo/lm, poorly xln, fair por, no odr, ns.

3620: incrs in gry sh, tan pack stn, fair por, no odr, ns.

3630: mstly red, gry and green sh.

3640: drty tan-off gry micrtic lm, semi dense, no odr, ns.

3650: crm-tan fn xln lm, dense, hrd to brk, no odr, ns.

3660: crm grain stn, well cemntd, no odr, ns.

3670: gry semi xln lm, xln por, no odr, ns.

3680: aa, incrs in lght crm v. foss lm, foss cast por, no odr, ns.

3690: incrs in red and gry sh. incrs in gry inxln lm, no odr, ns.

3700: crm-tan v. fn grn lm, well cemtd, no odr, ns.

3710: shw of blk carb sh, tan xln lm, xln por, no odr, ns.

3720: incrs in red and gry sh, lots of crm-tan pack stn lm, fair-poor por, no odr, ns.

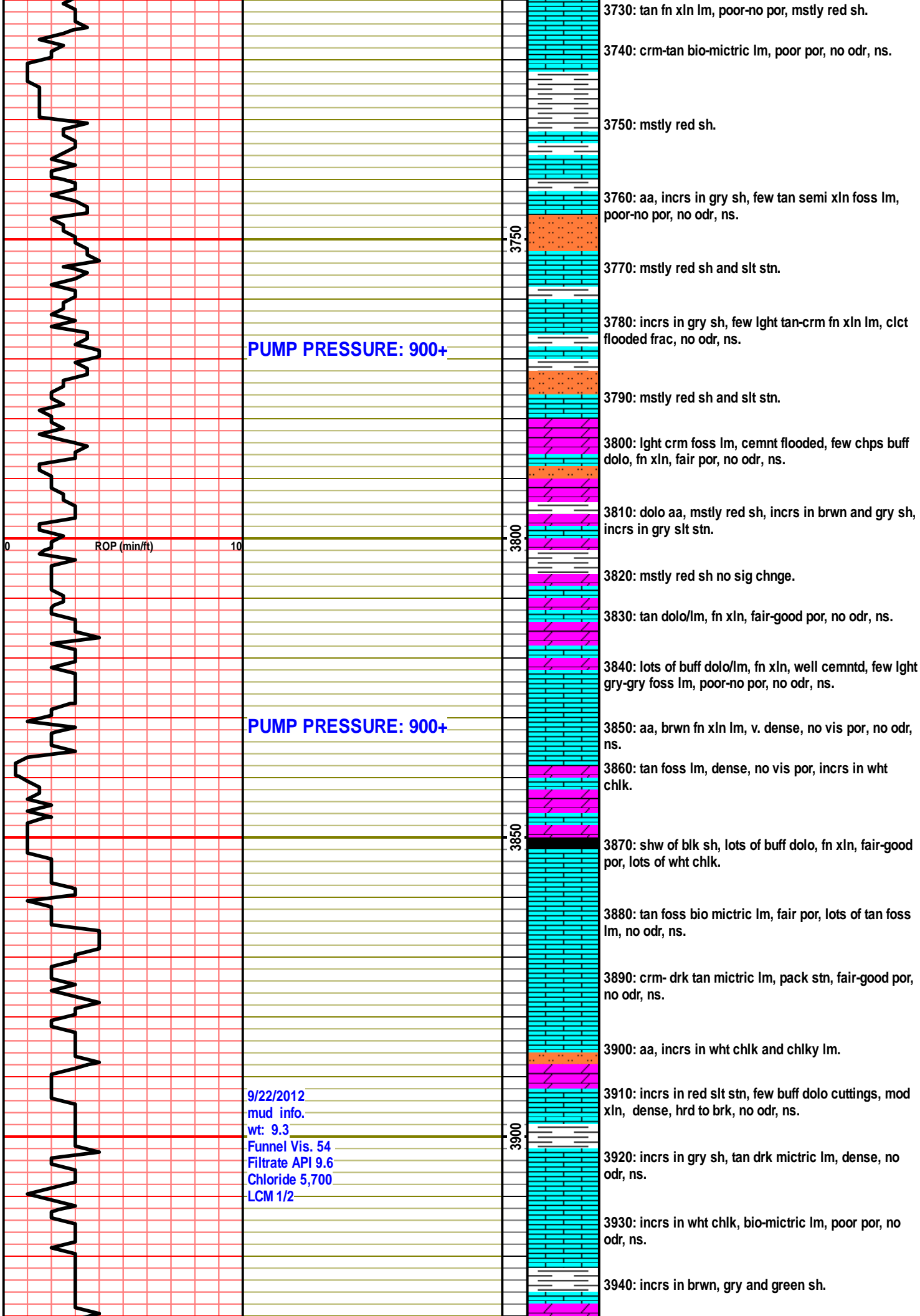
ROP (min/ft)

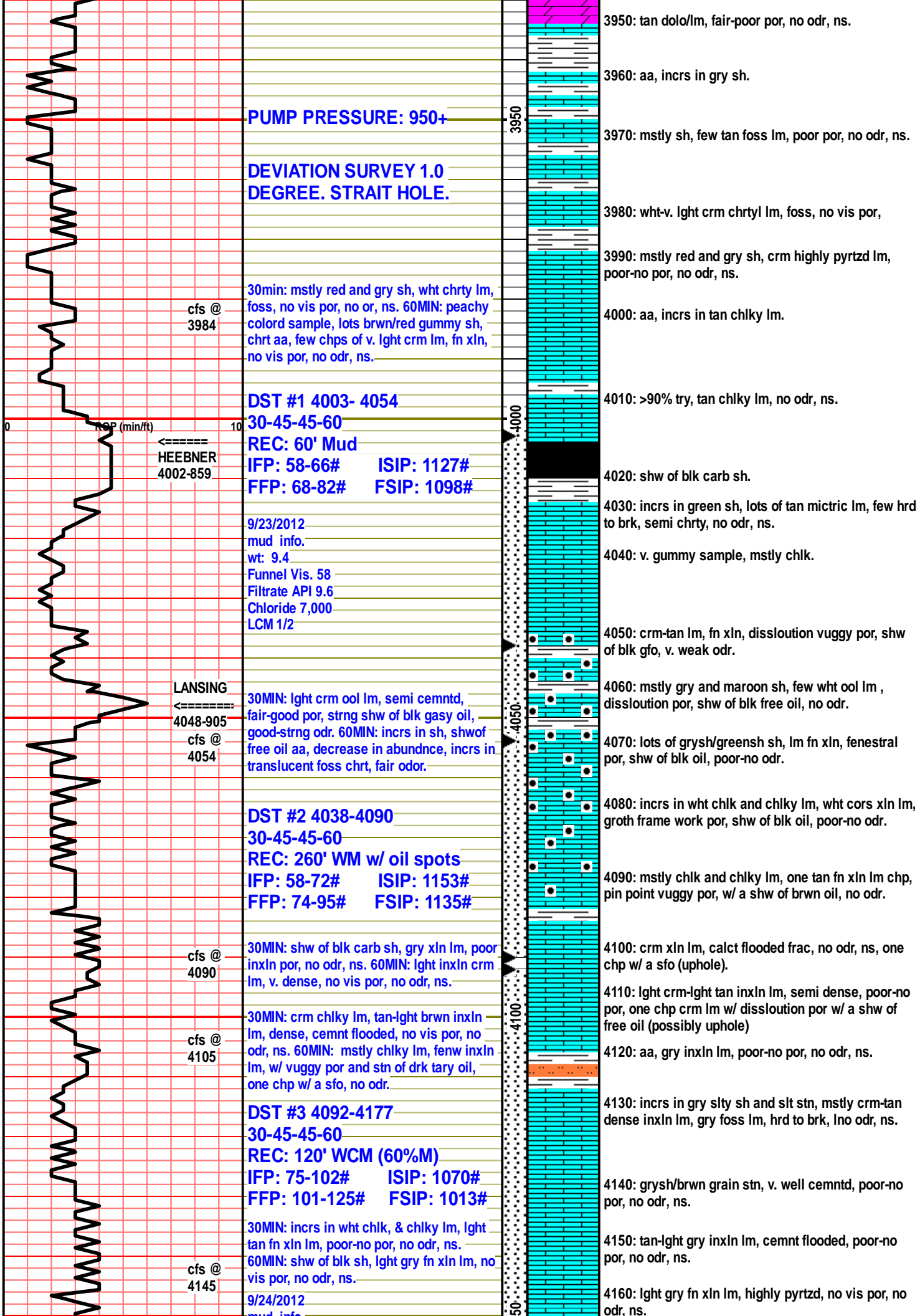
←
**STOTLER
3620-477**

3600

3650

3700





PUMP PRESSURE: 950+

DEVIATION SURVEY 1.0 DEGREE. STRAIT HOLE.

cfs @ 3984
 30min: mstly red and gry sh, wht chrtly lm, foss, no vis por, no or, ns. 60MIN: peachy colord sample, lots brwn/red gummy sh, chrt aa, few chps of v. lght crm lm, fn xln, no vis por, no odr, ns.

DST #1 4003- 4054
 30-45-45-60
REC: 60' Mud
IFP: 58-66# ISIP: 1127#
FFP: 68-82# FSIP: 1098#

9/23/2012
 mud info.
 wt: 9.4
 Funnel Vis. 58
 Filtrate API 9.6
 Chloride 7,000
 LCM 1/2

LANSING
 4048-905
 cfs @ 4054
 30MIN: lght crm ool lm, semi cemntd, fair-good por, strng shw of blk gasy oil, good-strng odr. 60MIN: incrs in sh, shwof free oil aa, decrease in abundnce, incrs in translucent foss chrt, fair odor.

DST #2 4038-4090
 30-45-45-60
REC: 260' WM w/ oil spots
IFP: 58-72# ISIP: 1153#
FFP: 74-95# FSIP: 1135#

cfs @ 4090
 30MIN: shw of blk carb sh, gry xln lm, poor inxln por, no odr, ns. 60MIN: lght inxln crm lm, v. dense, no vis por, no odr, ns.

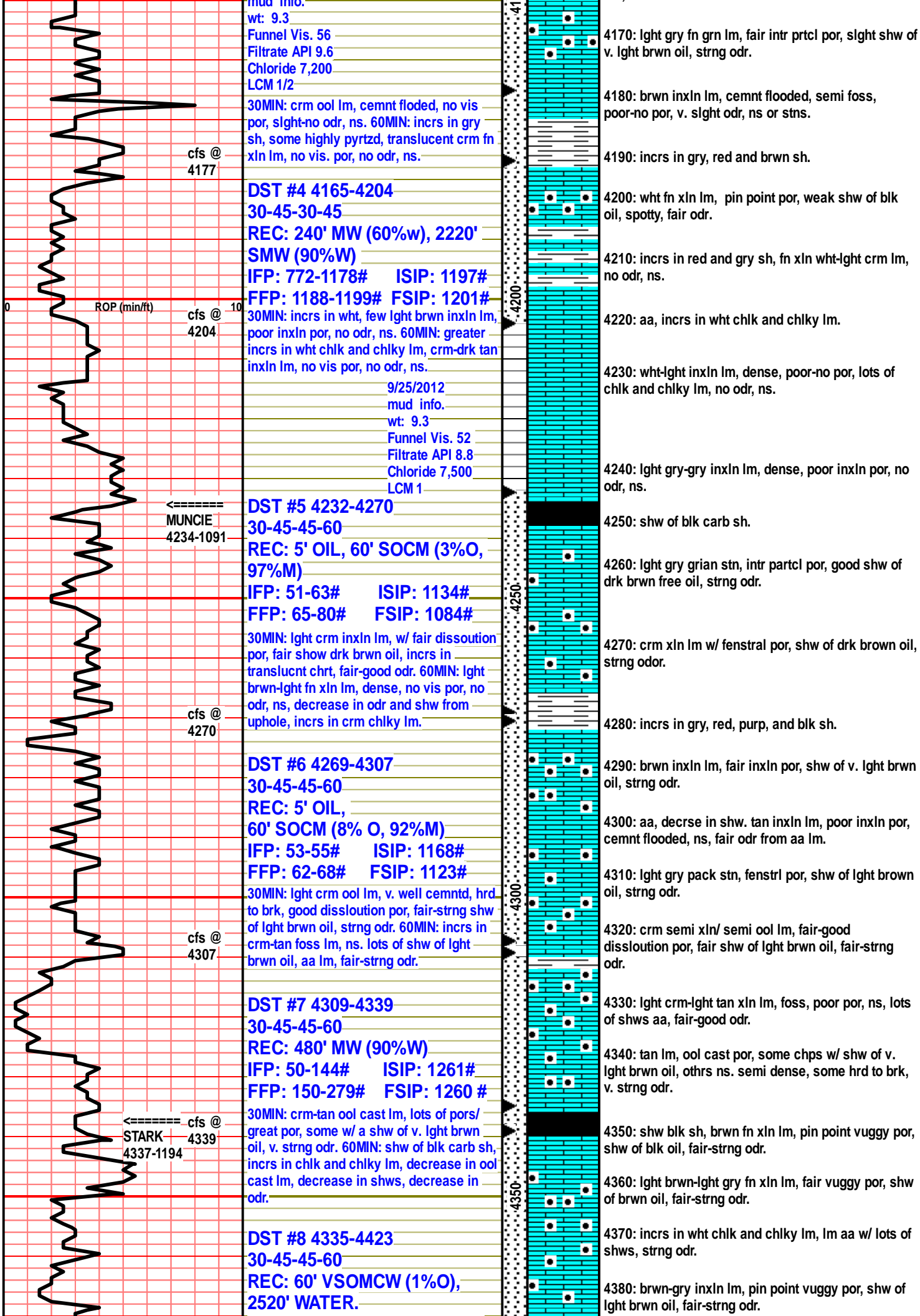
cfs @ 4105
 30MIN: crm chlky lm, tan-lght brwn inxln lm, dense, cemnt flooded, no vis por, no odr, ns. 60MIN: mstly chlky lm, fenw inxln lm, w/ vuggy por and stn of drk tary oil, one chp w/ a sfo, no odr.

DST #3 4092-4177
 30-45-45-60
REC: 120' WCM (60%M)
IFP: 75-102# ISIP: 1070#
FFP: 101-125# FSIP: 1013#

cfs @ 4145
 30MIN: incrs in wht chlk, & chlky lm, lght tan fn xln lm, poor-no por, no odr, ns. 60MIN: shw of blk sh, lght gry fn xln lm, no vis por, no odr, ns.

9/24/2012
 mud info.

3950: tan dolo/lm, fair-poor por, no odr, ns.
 3960: aa, incrs in gry sh.
 3970: mstly sh, few tan foss lm, poor por, no odr, ns.
 3980: wht-v. lght crm chrtly lm, foss, no vis por,
 3990: mstly red and gry sh, crm highly pyrtzd lm, poor-no por, no odr, ns.
 4000: aa, incrs in tan chlky lm.
 4010: >90% try, tan chlky lm, no odr, ns.
 4020: shw of blk carb sh.
 4030: incrs in green sh, lots of tan mictric lm, few hrd to brk, semi chrtly, no odr, ns.
 4040: v. gummy sample, mstly chlky.
 4050: crm-tan lm, fn xln, dissolution vuggy por, shw of blk gfo, v. weak odr.
 4060: mstly gry and maroon sh, few wht ool lm, dissolution por, shw of blk free oil, no odr.
 4070: lots of grysh/greenish sh, lm fn xln, fenestral por, shw of blk oil, poor-no odr.
 4080: incrs in wht chlky and chlky lm, wht cors xln lm, groth frame work por, shw of blk oil, poor-no odr.
 4090: mstly chlky and chlky lm, one tan fn xln lm chp, pin point vuggy por, w/ a shw of brwn oil, no odr.
 4100: crm xln lm, calct flooded frac, no odr, ns, one chp w/ a sfo (uphole).
 4110: lght crm-lght tan inxln lm, semi dense, poor-no por, one chp crm lm w/ dissolution por w/ a shw of free oil (possibly uphole)
 4120: aa, gry inxln lm, poor-no por, no odr, ns.
 4130: incrs in gry slty sh and slt stn, mstly crm-tan dense inxln lm, gry foss lm, hrd to brk, lno odr, ns.
 4140: grysh/brwn grain stn, v. well cemntd, poor-no por, no odr, ns.
 4150: tan-lght gry inxln lm, cemnt flooded, poor-no por, no odr, ns.
 4160: lght gry fn xln lm, highly pyrtzd, no vis por, no odr, ns.



mud info.

wt: 9.3
 Funnel Vis. 56
 Filtrate API 9.6
 Chloride 7,200
 LCM 1/2

30MIN: crm ool lm, cemnt floded, no vis por, slight-no odr, ns. 60MIN: incrs in gry sh, some highly pyrtzd, translucent crm fn xln lm, no vis. por, no odr, ns.

cfs @ 4177

DST #4 4165-4204
 30-45-30-45
 REC: 240' MW (60%w), 2220' SMW (90%W)
 IFP: 772-1178# ISIP: 1197#

FFP: 1188-1199# FSIP: 1201#
 30MIN: incrs in wht, few lght brwn inxln lm, poor inxln por, no odr, ns. 60MIN: greater incrs in wht chlk and chlky lm, crm-drk tan inxln lm, no vis por, no odr, ns.

cfs @ 4204

9/25/2012
 mud info.
 wt: 9.3
 Funnel Vis. 52
 Filtrate API 8.8
 Chloride 7,500
 LCM 1

DST #5 4232-4270
 30-45-45-60
 REC: 5' OIL, 60' SOCM (3%O, 97%M)

IFP: 51-63# ISIP: 1134#
 FFP: 65-80# FSIP: 1084#
 30MIN: lght crm inxln lm, w/ fair dissoution por, fair show drk brwn oil, incrs in translucent chrt, fair-good odr. 60MIN: lght brwn-lght fn xln lm, dense, no vis por, no odr, ns, decrease in odr and shw from uphole, incrs in crm chlky lm.

cfs @ 4270

DST #6 4269-4307
 30-45-45-60
 REC: 5' OIL, 60' SOCM (8% O, 92%M)
 IFP: 53-55# ISIP: 1168#
 FFP: 62-68# FSIP: 1123#

30MIN: lght crm ool lm, v. well cemntd, hrd to brk, good dissoution por, fair-strng shw of lght brwn oil, strng odr. 60MIN: incrs in crm-tan foss lm, ns. lots of shw of lght brwn oil, aa lm, fair-strng odr.

cfs @ 4307

DST #7 4309-4339
 30-45-45-60
 REC: 480' MW (90%W)
 IFP: 50-144# ISIP: 1261#
 FFP: 150-279# FSIP: 1260 #

30MIN: crm-tan ool cast lm, lots of pors/ great por, some w/ a shw of v. lght brwn oil, v. strng odr. 60MIN: shw of blk carb sh, incrs in chlk and chlky lm, decrease in ool cast lm, decrease in shws, decrease in odr.

cfs @ 4339
 STARK 4337-1194

DST #8 4335-4423
 30-45-45-60
 REC: 60' VSOMCW (1%O), 2520' WATER.

4170: lght gry fn grn lm, fair intr prtcl por, slight shw of v. lght brwn oil, strng odr.

4180: brwn inxln lm, cemnt flooded, semi foss, poor-no por, v. slight odr, ns or stns.

4190: incrs in gry, red and brwn sh.

4200: wht fn xln lm, pin point por, weak shw of blk oil, spotty, fair odr.

4210: incrs in red and gry sh, fn xln wht-lght crm lm, no odr, ns.

4220: aa, incrs in wht chlk and chlky lm.

4230: wht-lght inxln lm, dense, poor-no por, lots of chlk and chlky lm, no odr, ns.

4240: lght gry-gry inxln lm, dense, poor inxln por, no odr, ns.

4250: shw of blk carb sh.

4260: lght gry grian stn, intr partcl por, good shw of drk brwn free oil, strng odr.

4270: crm xln lm w/ fenstral por, shw of drk brown oil, strng odor.

4280: incrs in gry, red, purp, and blk sh.

4290: brwn inxln lm, fair inxln por, shw of v. lght brwn oil, strng odr.

4300: aa, decrse in shw. tan inxln lm, poor inxln por, cemnt flooded, ns, fair odr from aa lm.

4310: lght gry pack stn, fenstrl por, shw of lght brown oil, strng odr.

4320: crm semi xln/ semi ool lm, fair-good dissoution por, fair shw of lght brwn oil, fair-strng odr.

4330: lght crm-lght tan xln lm, foss, poor por, ns, lots of shws aa, fair-good odr.

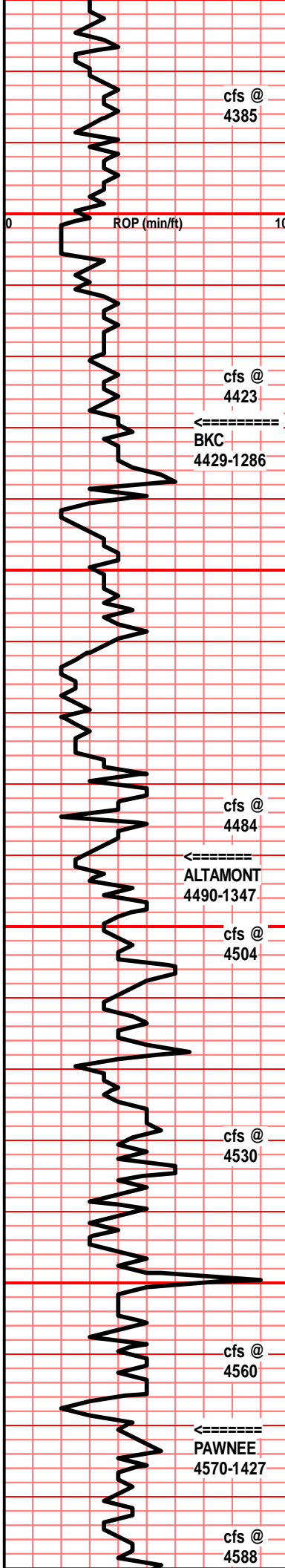
4340: tan lm, ool cast por, some chps w/ shw of v. lght brwn oil, othrs ns. semi dense, some hrd to brk, v. strng odr.

4350: shw blk sh, brwn fn xln lm, pin point vuggy por, shw of blk oil, fair-strng odr.

4360: lght brwn-lght gry fn xln lm, fair vuggy por, shw of brwn oil, fair-strng odr.

4370: incrs in wht chlk and chlky lm, lm aa w/ lots of shws, strng odr.

4380: brwn-gry inxln lm, pin point vuggy por, shw of lght brwn oil, fair-strng odr.



IFP: 200-699# ISIP: 1252#
 FFP: 734-1059# FSIP: 1254#

30MIN: lght gry-drty tan inxln lm, some chps w/ shw, semi foss, poor por, lots of chiky lm, fair odr. 60MIN: drty crm-lght fn xln lm, frac and pin point vuggy por, shw of lght brwn oil, strng odr.

9/26/2012 9/27/2012
 mud info. mud info.
 wt: 9.4 wt: 9.1
 Funnel Vis. 56 Funnel Vis. 53
 Filtrate API 11.2 Filtrate API 9.6
 Chloride 9,700 Chloride 9,000
 LCM 1 LCM 1

30MIN: incrs in green and gry sh, crm-tan xln lm, poor-no por, no odr ns, one pice fn xln lm w/ pin point vuggy por w/ weak shw of oil (uphole). 60MIN: lots of gry and maroon sh, tan-gry inxln lm, cemnt flooded, no odr, ns. two chps inxln lm w/ shw (uphole).

DST #9 4435-4504
 30-45-45-60
RECORDIING ERROR ON THE 1ST SHUT IN.
REC: 10' OIL,
50' OCM (20%O)
IFP: 62-70# ISIP: 138#
FFP: 75-83# FSIP: 1211#

30MIN: lots og lght gry gummy chlk, tan fn xln lm, no vis por, incrs in pack stn shws (looks as above) no odr. 60MIN: lght gry semi xln semi granul med grn lm, w/ pin point vuggy por, w/ a shw of brwn oil, mod-strng odr.

30MIN: incrs in gry and maroon sh, incrs in chlk, tan-gry fn xln lm, no vis por, nodr, ns. 60MIN: tan cors xln lm, frac por, foss, incrs in pyrt, ns, no odr.

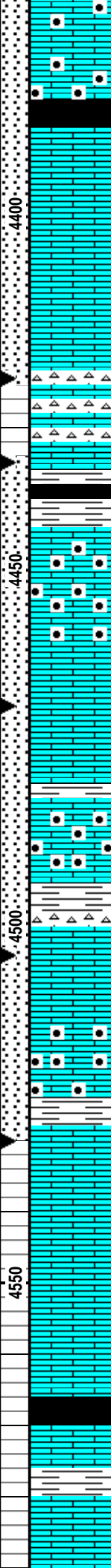
DST #10 4469-4530
 30-45-45-60
REC: 570' GIP,
570' GO (90%O),
120' GMCO (10%G, 50%O)
IFP: 79-181# ISIP: 1333#
FFP: 188-313# FSIP: 1321#

30MIN: crm ool lm, intr prtcl por, well cemntd, shw of lght brwn oil, tan inxln lm, poor inxln por(ns), fair-mod odr. 60MIN: aa w/ shw, few chpstan inxln lm w/ inxln por w/ a slght shw brwn oil, fair odr.

30MIN: show of brwn chrt, tan-lght brwn inxln lm, semi chrty, cemnt flooded, no vis por, no odr, ns. 60MIN: shw of gry chrty ool, ool lm, cemnt floded no vis por, no odr, ns.

9/28/2012 mud info.
 wt: 9.2
 Funnel Vis. 45
 Filtrate API 10.4
 Chloride 9,600
 LCM 1/2

30MIN: crm-tan foss lm, dense, no vis por, no odr ns. 60MIN: incrs in wht chlk, incrs



4390: tan ool lm, well cemntd, hrd to brk, aa w/ a shw of free oil, mod odr.

4400: shw of blk carb sh, incrs in mlky chrt, tan foss lm, dense, poor por, few inxln lm pices w/ a shw of free oil (uphole).

4410: lght tan-drk tan inxln lm, cemnt flooded, poor-no por, no odr, ns.

4420: aa, no sig change, no odr, ns.

4430: tan-brwn inxln lm, foss, well cemntd, poor-no por, one pice w/ show (uphole) fair odr.

4440: incrs in gry foss chrt, incrs gry sh, brwn-tan foss lm, cemnt flooded, no vis por, no odr, ns.

4450: shw of blk carb sh, drk crm-tan fn xln lm, no vis por, no odr, ns.

4460: gry pack stn lm, fair intr prtcl por, abundant fair show of drk brwn oil, fair-mod odr.

4470: aa/ incrs in fluid shw, incrs drk tan-brwn mictric lm, v. fn grn (ns), fair-mod odr.

4480: incrs in chlk and chiky lm, one pice gry pack stn w/ a shw (uphole), no odr.

4490: drk tan-gry inxln lm, semi foss, semi dense, no vis por, ns, incrs in fn grn gry slt stn.

4500: gry prtly xln lm, fair inxln por, shw of brwn gasy oil, slight-fair odr.

4510: mstly gry and maroon sh, incrs in wht chrt, lots of fn xln lm, no vis por, no odr, ns.

4520: aa, no sig change.

4530: crm ool lm, fair-poor intr prtcl por, shw of lght brwn oil, slght-fair odr.

4540: incrs in gry and maroon sh, two chps tan fn xln lm w/ a show of free brwn oil, faint-no odr.

4550: tan fn xln lm, pin point vuggy por, w/ a weak show of drk brwn oil, lots of gry inxln lm, poor por, no odr, ns.

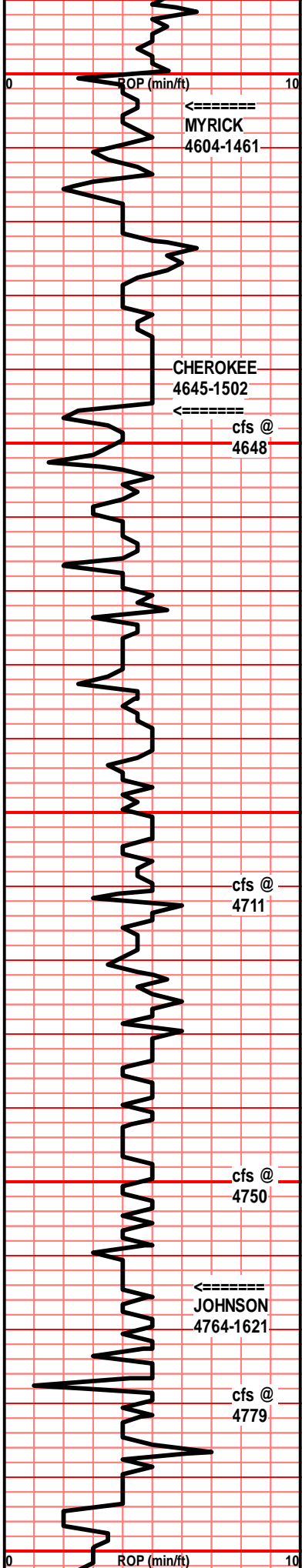
4560: tan-gry inxln lm, v. dense, no vis por, no odr, ns.

4570: aa/ no sig change, no odr, ns.

4580: lots of blk carb sh.

4590: incrs in gry sh, tan cors xln lm, dense, frac por, no odr, ns.

4600: lght tan inxln lm, dense, poor por, no odr, ns.



in brwn chrt, one chp crmsh/tan xln lm, frac por, w/ a v. weak shw of free oil, no odr, ns.

9/29/2012 mud info. wt: 9.3 Funnel Vis. 52 Filtrate API 9.6 Chloride 9,400 LCM 2

PUMP PRESSURE: 875+

30MIN: shw of blk carb sh, incrs in crm chky lm, lots of foss inxln lm, no odr, ns. 60MIN: lots of gry and blk carb sh, incrs in gry inxln lm, foss, no odr, ns.

DEVIATION : 1.0 DEGREE. STRAIT HOLE.

30MIN: lots of green and gry sh, tan ool lm, cemnt floded, no vis por, no odr, ns.

9/30/2012 mud info. wt: 9.1 Funnel Vis. 50 Filtrate API 11.2 Chloride 9,800 LCM 1

30MIN: gry micrtic lm, v. fn grn, hrd to brk, no odr, ns. 60MIN: mstly gry and maroon sh, lm aa/ no odr, ns.

PUMP PRESSURE: 875+

30MIN: mstly maroon, green, & gry sh, lots of pyrt, incrs in chlky lm, few tan-brwn inxln lm, sli foss, no odr, ns. 60MIN: mstly sh aa, lm aa, no odr, ns.

4600: lght tan inxln lm, dense, poor por, no odr, ns.

4610: shw of blk carb sh, gry bio micrtic lm, tan semi foss xln lm, poor por, no odr, ns.

4620: crm-tan in xln lm, cemnt floded, no vis. por, no odr, ns.

4630: show blk carb sh, incrs in foss translucent chert, lm aa, no odr, ns.

4640: crm ool lm, cemnt floded, no vis por, no odr, ns.

4650: aa, incrs in chrt, no odr, ns.

4660: tan ool lm, cemnt floded, no vis por, lots of tan inxln lm, dense, poor-no por, no odr, ns.

4670: lght gry micrtic lm, v. fn grn, well cemntd, no odr, ns.

4680: incrs in blk carb sh, lght brwn foss/sli ool lm, poor por, no odr, ns.

4690: incrs in brwn and mlky chrt, tan cors inxln lm, cemnt floded fracs, no odr, ns.

4700: incrs in gry and green sh.

4710: tan ool lm, cemnt floded, no vis por, no odr, ns.

4720: incrs in gry sh, tan-lght brwn inxln lm, inxln por, no odr, ns.

4730: tan ool lm, poor-no por, no odr, ns.

4740: lots of gry sh, crm inxln lm, sli foss, poor por, no odr, ns.

4750: incrs in purp and green sh, crm xn lm, hghly pyrtzd, foss, no odr, ns.

4760: lots of gry and maroon sh, tan fn xln lm, poor-no por, no odr, ns.

4770: mstly gry and maroon sh, lght-drk brwn xln lm, poor-no por, no odr, ns.

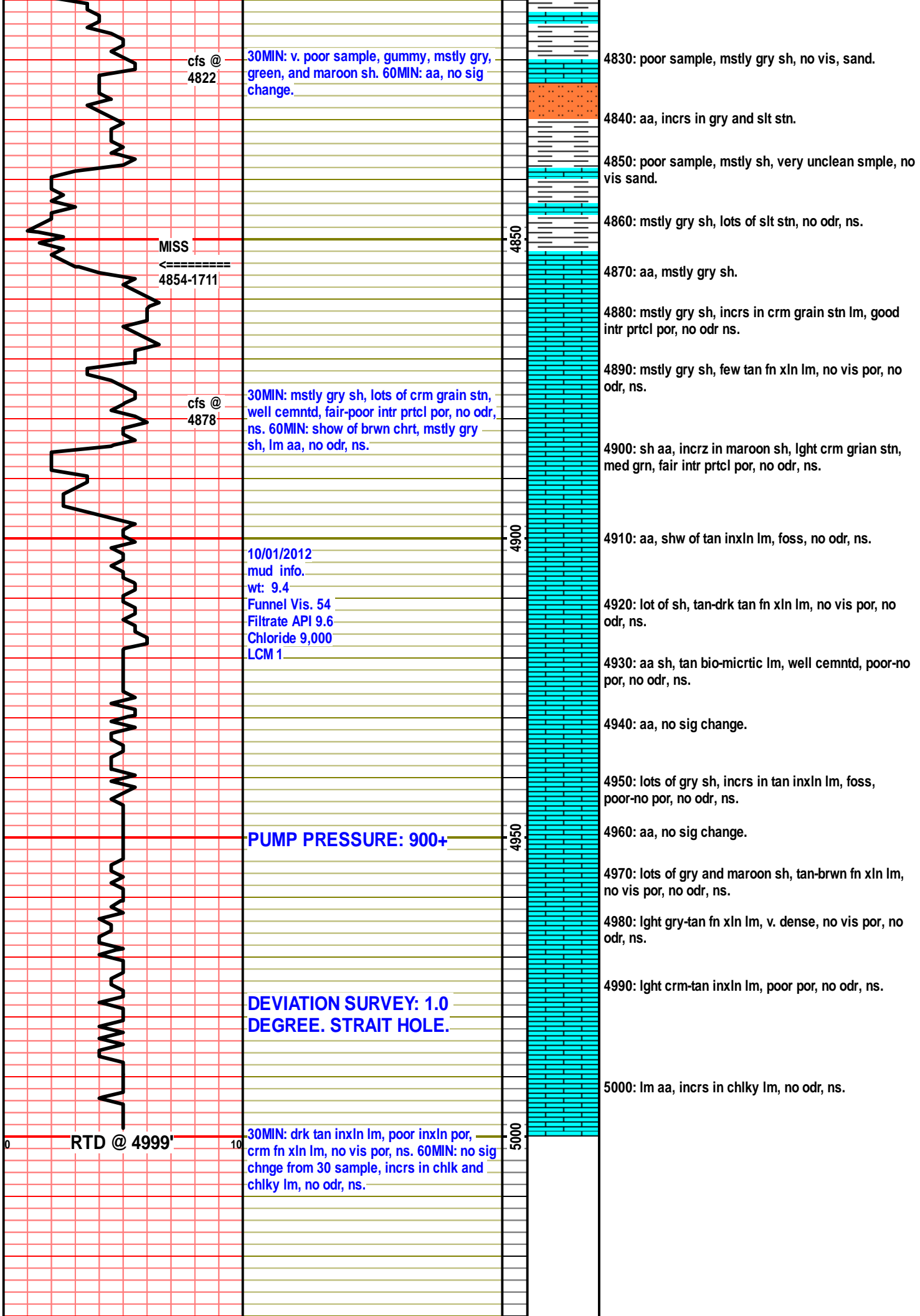
4780: aa, incrs in brwn sh.

4790: mstly gry, green and maroon sh, incrs in chlky.

4800: sh aa, crm-tan semi xln semi foss lm, poor por, no odr, ns.

4810: aa, no sig change.

4820: mstly gry and green, brwn sh, incrs in chlky.



cfs @ 4822

30MIN: v. poor sample, gummy, mstly gry, green, and maroon sh. 60MIN: aa, no sig change.

4830: poor sample, mstly gry sh, no vis, sand.

4840: aa, incrs in gry and slt stn.

4850: poor sample, mstly sh, very unclean smple, no vis sand.

4860: mstly gry sh, lots of slt stn, no odr, ns.

MISS

4854-1711

4850

4870: aa, mstly gry sh.

4880: mstly gry sh, incrs in crm grain stn lm, good intr prtcl por, no odr ns.

4890: mstly gry sh, few tan fn xln lm, no vis por, no odr, ns.

cfs @ 4878

30MIN: mstly gry sh, lots of crm grain stn, well cemntd, fair-poor intr prtcl por, no odr, ns. 60MIN: show of brwn chrt, mstly gry sh, lm aa, no odr, ns.

4900: sh aa, incrz in maroon sh, lght crm grian stn, med grn, fair intr prtcl por, no odr, ns.

4900

4910: aa, shw of tan inxln lm, foss, no odr, ns.

10/01/2012
mud info.
wt: 9.4
Funnel Vis. 54
Filtrate API 9.6
Chloride 9,000
LCM 1

4920: lot of sh, tan-drk tan fn xln lm, no vis por, no odr, ns.

4930: aa sh, tan bio-micrtic lm, well cemntd, poor-no por, no odr, ns.

4940: aa, no sig change.

4950: lots of gry sh, incrs in tan inxln lm, foss, poor-no por, no odr, ns.

PUMP PRESSURE: 900+

4950

4960: aa, no sig change.

4970: lots of gry and maroon sh, tan-brwn fn xln lm, no vis por, no odr, ns.

4980: lght gry-tan fn xln lm, v. dense, no vis por, no odr, ns.

4990: lght crm-tan inxln lm, poor por, no odr, ns.

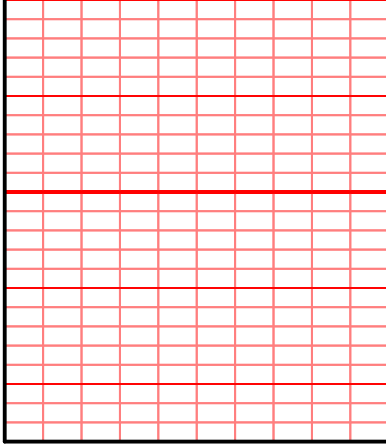
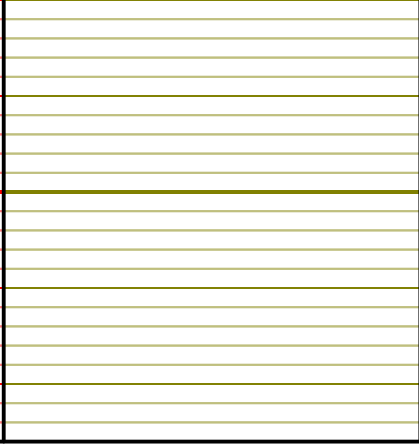

DEVIATION SURVEY: 1.0 DEGREE. STRAIT HOLE.

5000: lm aa, incrs in chlky lm, no odr, ns.

RTD @ 4999'

30MIN: drk tan inxln lm, poor inxln por, crm fn xln lm, no vis por, ns. 60MIN: no sig chnge from 30 sample, incrs in chlky and chlky lm, no odr, ns.

5000

			
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