Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1086027

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34242
Name: Oolite Energy Corp
Address 1: PO BOX 9398
Address 2:
City: AMARILLO State: TX Zip: 79105 + __ __ __ __
Contact Person: David E. Rice
Phone: (620) 624-0156
CONTRACTOR: License # 33793
Name: H2 Drilling LLC
Wellsite Geologist: Austin Garner
Purchaser:

Designate Type of Completion:

☑ New Well ☐ Re-Entry ☐ Workover

☑ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:

Operator:
Well Name:
Original Comp. Date: Original Total Depth:

☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

3/8/2012	3/26/2012	06/29/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-119-21314-00-00
Spot Description:
SW SE SE NW Sec. 3 Twp. 34 S. R. 29 ☐ East ☑ West
2510 Feet from ☑ North / ☐ South Line of Section
2294 Feet from ☐ East / ☑ West Line of Section

Footages Calculated from Nearest Outside Section Corner:
☐ NE ☑ NW ☐ SE ☐ SW

GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Meade
Lease Name: Stoltzfus Well #: 1-3
Field Name:
Producing Formation: Chester
Elevation: Ground: 2509 Kelly Bushing: 2515
Total Vertical Depth: 6228 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 603 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from:
feet depth to: w/ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 1900 ppm Fluid volume: 4200 bbls
Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite:

Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. ☐ East ☐ West
County: Permit #:

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

☑ **Confidentiality Requested**
Date: 07/03/2012
☑ **Confidential Release Date:** 07/03/2014
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 07/05/2012

[redacted] 1086027

Operator Name: Oolite Energy Corp Lease Name: Stoltzfus Well #: 1-3

Sec. 3 Twp. 34 S. R. 29 ☐ East ☑ West County: Meade

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Attached

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name: Attached Top: Attached Datum: Attached

CASING RECORD ☑ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	17.5	13.3750	61	603	A-Con/Prem Plus	370	3% CC, 1/4# Cellflake
Intermediate	12.25	8.625	24	1615	A-Con/Prem Plus	450	3% CC, 1/4# Cellflake
Production	7.875	5.5	15.5	6203	A-Con/AA-2	160	3% CC, 1/4# Cellflake

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	-			
	-			

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☐ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth
4	6108-6120	1500 gals 7.5% NEFE	6108-6120

TUBING RECORD: Size: 2.875 Set At: Packer At: Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR. 06/29/2012

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	130	50	60	385	

DISPOSITION OF GAS: ☐ Vented ☑ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION: ☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)*

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Oolite Energy Corp
Well Name	Stoltzfus 1-3
Doc ID	1086027

All Electric Logs Run

Dual Spaced Neutron Spectral Density Log
Array Compensated True Resistivity Log
Borehole Compensated Sonic Array Log
Microlog
Radial Cement Bond Log

Form	ACO1 - Well Completion
Operator	Oolite Energy Corp
Well Name	Stoltzfus 1-3
Doc ID	1086027

Tops

Name	Top	Datum
T. Heebner	4409	
Toronto	4442	
Lansing	4509	
Stark SH	5043	
Marmaton	5206	
Cherokee SH	5404	
Morrow	5730	
Chester	5834	

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802

Kansas
Corporation Commission

Phone: 316-337-6200
Fax: 316-337-6211
http://kcc.ks.gov/

June 28, 2012

David E. Rice
Oolite Energy Corp
PO BOX 9398
AMARILLO, TX 79105

Re: ACO1
API 15-119-21314-00-00
Stoltzfus 1-3
NW/4 Sec.03-34S-29W
Meade County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
David E. Rice

BASIC ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer: Oxy USA	Lease No.	Date: 3-11-12	
Lease: Stoltzfus 30	Well #: 1-3	Service Receipt: 027167	
Casing: 13 3/8" 61#	Depth	County: Meade	State: KS
Job Type: Z42 - 13 3/8"	Formation: Surface	Legal Description: 3-34-29	

Pipe Data		Perforating Data		Cement Data
Casing size: 13 3/8" 61#	Tubing Size	Shots/Ft		Lead: 235 sk A-Con
Depth: 606.57'	Depth	From	To	
Volume: 86 bbl	Volume	From	To	
Max Press: 1000#	Max Press	From	To	Tail in: 135 sk Premium/Common
Well Connection: TD - 613'	Annulus Vol.	From	To	
Plug Depth: ST - 40' (566.57')	Packer Depth	From	To	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumbed	Rate	Service Log
8:00					On loc - site assesment
8:05					JSA + trucks - rig up
					Safety meeting / JSA
					Pressure test 2000#
3:00	150		123.5	4	Mix & pump 235 sk A-Con w/ 3% CC, 1/4# Cello Flake, .2% WRA - @ 11.4# 2.95 ft3/sk - 18.10 gal/sk
3:30			32.2	4	Switch to tc 135 sk Class C w/ 2% CC, 1/4# Cello Flake @ 14.8# - 1.34 ft3/sk, 6.33 gal/sk
3:40			0	4	drop plug - disp csg
3:55			75	2	slow rate lost 10 Bbl of disp
4:00			86	0	land plug - float held

Service Units						
Driver Names						

Customer Representative | Station Manager | Cementer

Taylor Printing, Inc.

MBC WELL LOGGING LLC

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

Well Name: STOLTZFUS 1-3 OOLITE ENERGY CORP
Location: MEAE COUNTY, KANSAS USA
License Number: 34242 **Region:** WILDCAT
Spud Date: 3-7-12 **Drilling Completed:**
Surface Coordinates: 2,510'fnl, 2,294'fwl SEC 3-T34S-R29W
H 2 RIG 2 33793 #33784 CO-REP TIM THOMSON
Bottom Hole Coordinates:
API-15-119-21314-00
Ground Elevation (ft): 2504' **K.B. Elevation (ft):** 2514'
Logged Interval (ft): 4300 **To:** 6600 **Total Depth (ft):**
Formation: TARGET: NOVINGER, MORROW
Type of Drilling Fluid: WINER MUD DRILLING FLUIDS, ADAM NORRIS 580 651 4907

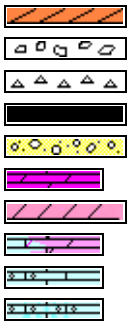
OPERATOR

Company: OOLITE ENERGY CORP.
Address: % -GEOLOGY
PO BOX 9398
AMARILLO, TEXAS 79105

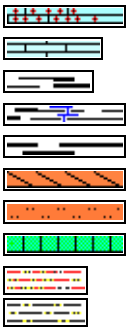
MUDLOGGER

Name: AUSTIN GARNER
Company: MBC WELL LOGGING LLC
Address: 21156 RD 22
MEADE, KANSAS 67864

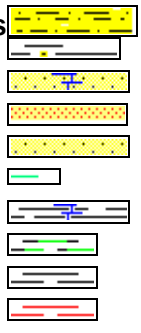
ROCK TYPES



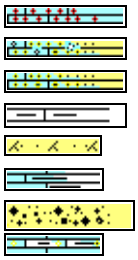
Anhy
Brec
Cht
Coal
Congl
New dolomite
Dolo new
Newdolo ls 2
Ls & ooids
Oolitic ls -1



Stgensndy-arkos
New ls-1
Carby shale
Lmy carby sh-3
Carb sh
Gyp
Sltst
Salt
Sndy sh--red
Sndy sh



Sltst-1
Slty-shale
Lmy ss-1
Arkosic snd
Ss
Grn sh strk
Lmy sh-2
Grn mott gy sh
Shale-1
Red sh-1



Stgensndy-arkos
Sndy ool ls
Sndy-ls-1
Calc shale
Granitewash
Ls shly-b
Poor sortd ss
Snd-ls-sh

ACCESSORIES

LITHOLOGY
- Anhy
- Brec
- Cht
- Coal
- Congl
- New dolomite
- Dolo new
- Newdolo ls 2
- Ls & ooids
- Oolitic ls -1
- Stgensndy-arkos
- New ls-1
- Carby shale
- Lmy carby sh-3
- Carb sh
- Gyp
- Sltst
- Salt
- Sndy sh--red
- Sndy sh
- Sltst-1
- Slty-shale
- Lmy ss-1
- Arkosic snd
- Ss
- Grn sh strk
- Lmy sh-2
- Grn mott gy sh
- Shale-1
- Red sh-1
- Stgensndy-arkos
- Sndy ool ls
- Sndy-ls-1
- Calc shale
- Granitewash
- Ls shly-b
- Poor sortd ss
- Snd-ls-sh

FOSSIL
- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom

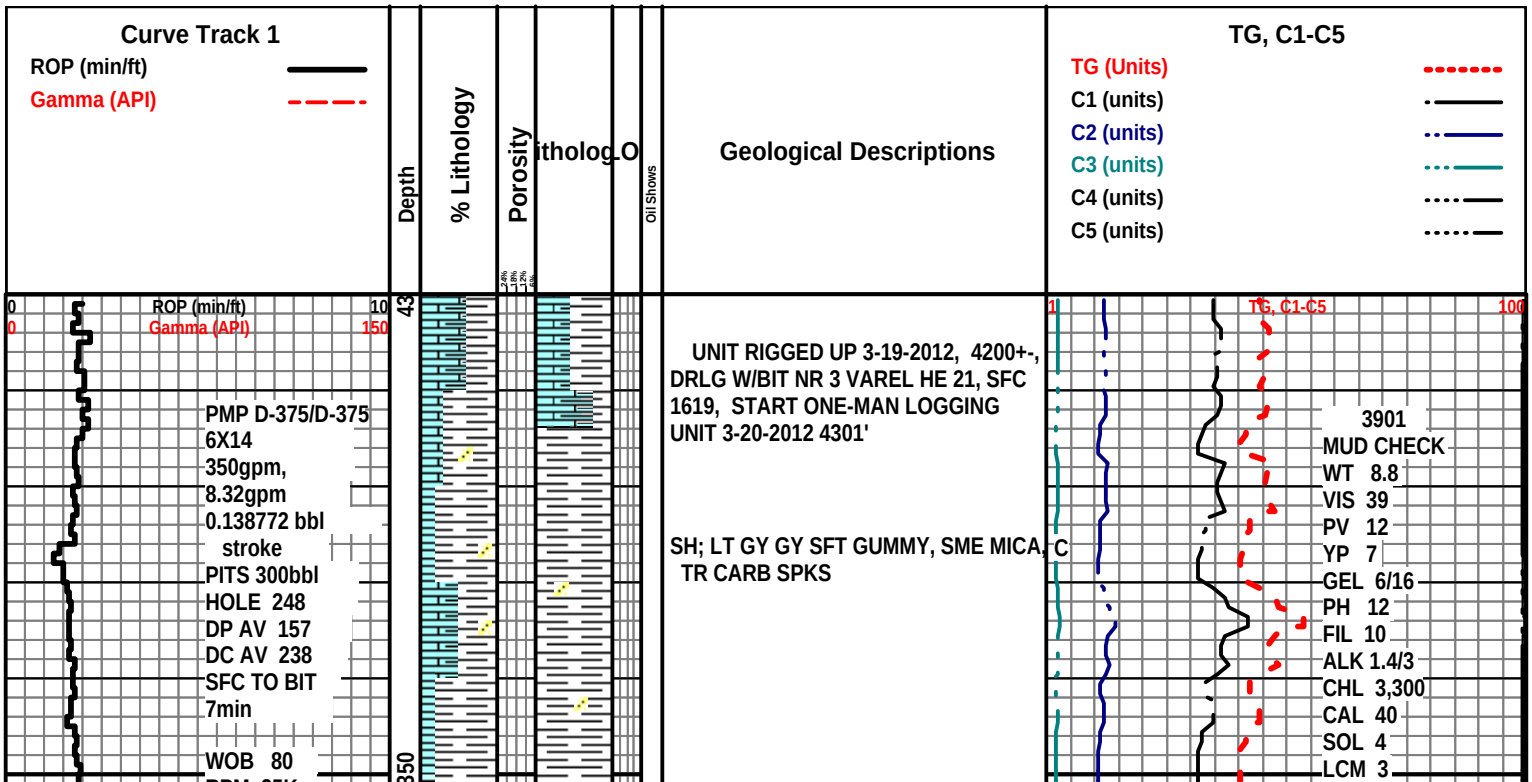
MINERAL
- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brecfrag
- Calc
- Carb
- Chtdk
- Chtlt
- New dolostringer
- Dol
- Fldspr-1
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr
- Qtz
- New symbol
- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff
- Styolitic
- Slickenside

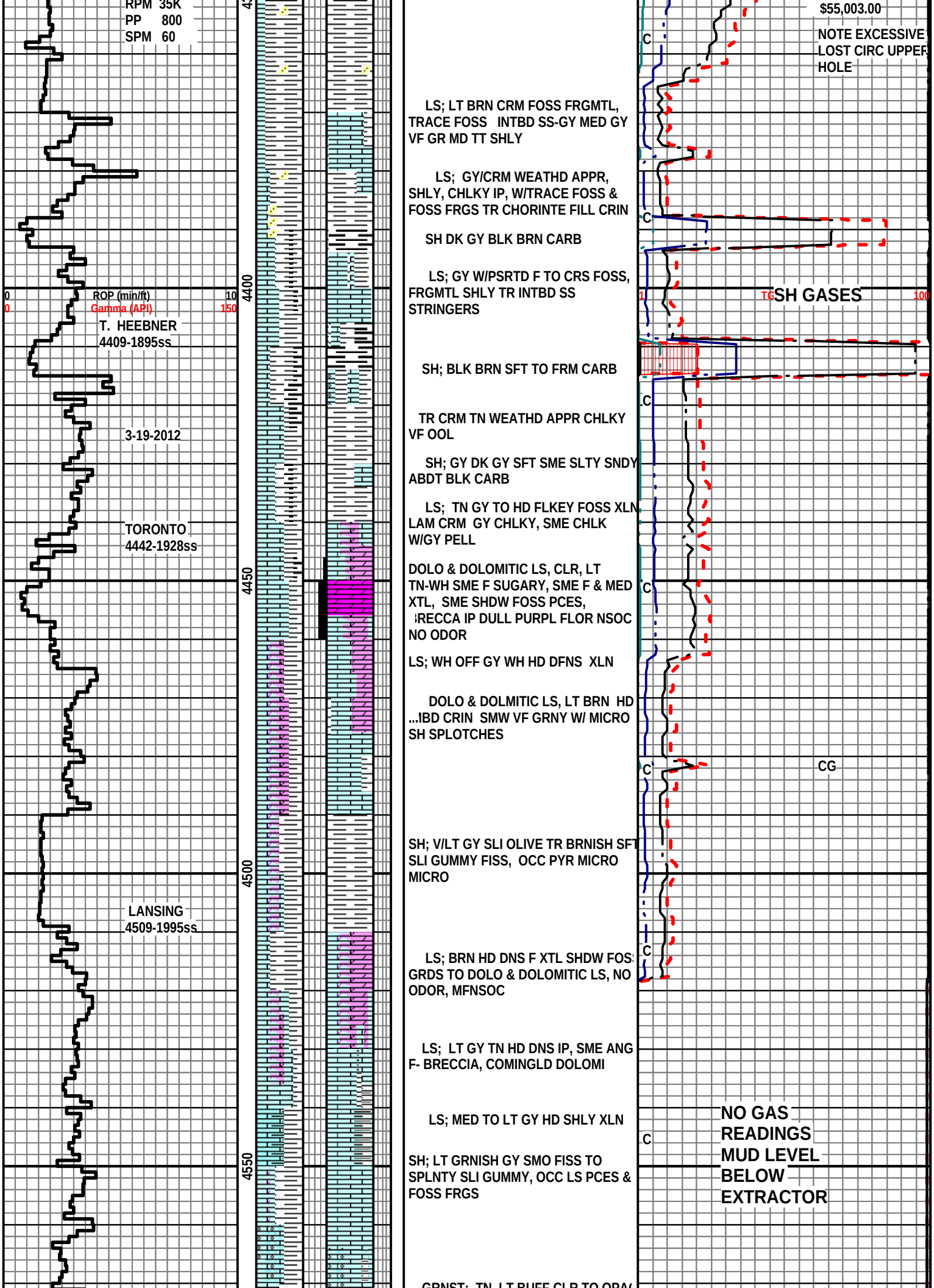
STRINGER
- Anhy
- Red sh stringer
- Arg
- Bent
- Coal
- Dol
- Gyp
- Oolls-1
- Ls
- Mrst
- Sltstrg
- Ssstrg
- Grn sh strk

TEXTURE
- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

OIL SHOW
- Even
- Spotted
- Ques
- Dead

Comments

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SPM 60
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ROP (min/ft)
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0
Gamma (API)
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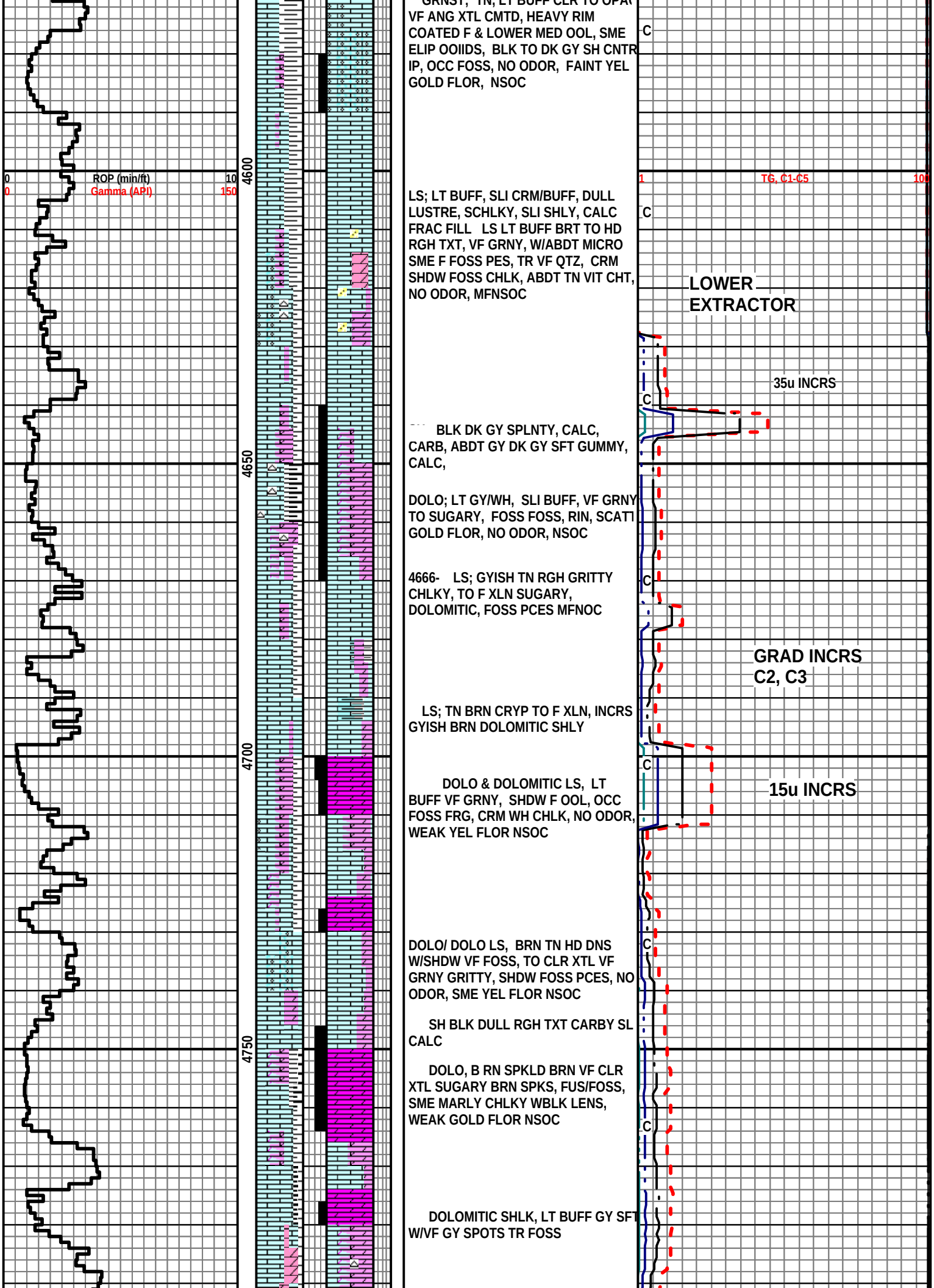
T. HEEBNER
4409-1895ss
3-19-2012
TORONTO
4442-1928ss
LANSING
4509-1995ss
4400
4450
4500
4550
$55,003.00
NOTE EXCESSIVE
LOST CIRC UPPER
HOLE
LS; LT BRN CRM FOSS FRGMTL, TRACE FOSS INTBD SS-GY MED GY VF GR MD TT SHLY
LS; GY/CRM WEATHD APPR, SHLY, CHLKY IP, W/TRACE FOSS & FOSS FRGS TR CHORINTE FILL CRIN
SH DK GY BLK BRN CARB
LS; GY W/PSRTD F TO CRS FOSS, FRGMTL SHLY TR INTBD SS STRINGERS
1
TG
SH GASES
100
SH; BLK BRN SFT TO FRM CARB
TR CRM TN WEATHD APPR CHLKY VF OOL
SH; GY DK GY SFT SME SLTY SNDY ABDT BLK CARB
LS; TN GY TO HD FLKEY FOSS XLN LAM CRM GY CHLKY, SME CHLK W/GY PELL
DOLO & DOLOMITIC LS, CLR, LT TN-WH SME F SUGARY, SME F & MED XTL, SME SHDW FOSS PCES, BRECCA IP DULL PURPL FLOR NSOC NO ODOR
LS; WH OFF GY WH HD DFNS XLN
DOLO & DOLMITIC LS, LT BRN HD ...IBD CRIN SMW VF GRNY W/ MICRO SH SPLOTCHES
CG
SH; V/LT GY SLI OLIVE TR BRNISH SFT SLI GUMMY FISS, OCC PYR MICRO MICRO
LS; BRN HD DNS F XTL SHDW FOS GRDS TO DOLO & DOLOMITIC LS, NO ODOR, MFNSOC
LS; LT GY TN HD DNS IP, SME ANG F- BRECCIA, COMINGLD DOLOMI
LS; MED TO LT GY HD SHLY XLN
SH; LT GRNISH GY SMO FISS TO SPLNTY SLI GUMMY, OCC LS PCES & FOSS FRGS
NO GAS READINGS MUD LEVEL BELOW EXTRACTOR
C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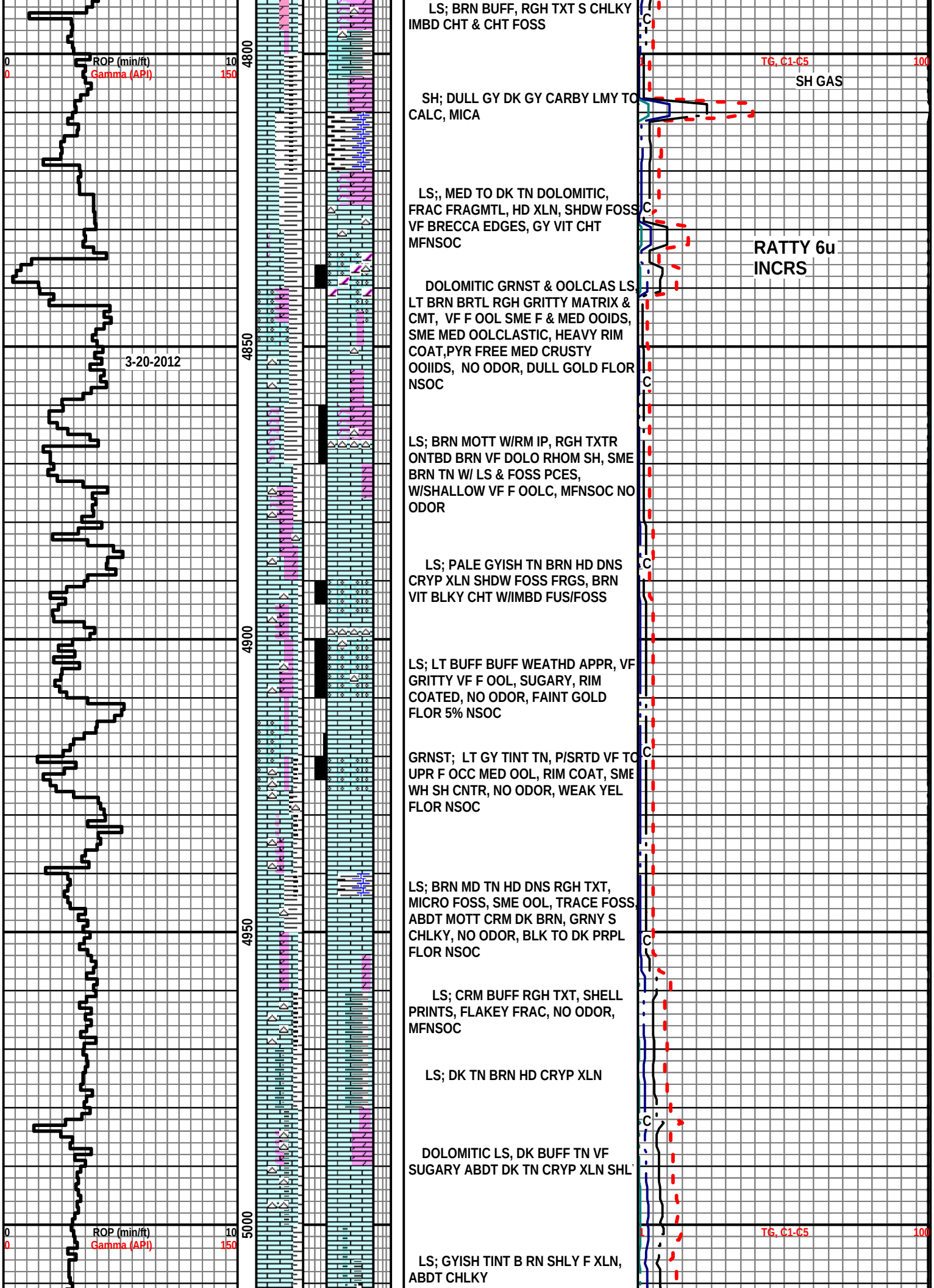
0
Gamma (API)
150
4600
4650
4700
4750
1
TG, C1-C5
100
VF ANG XTL CMTD, HEAVY RIM COATED F & LOWER MED OOL, SME ELIP OOIIDS, BLK TO DK GY SH CNTR IP, OCC FOSS, NO ODOR, FAINT YEL GOLD FLOR, NSOC
LS; LT BUFF, SLI CRM/BUFF, DULL LUSTRE, SCHLKY, SLI SHLY, CALC FRAC FILL LS LT BUFF BRT TO HD RGH TXT, VF GRNY, W/ABDT MICRO SME F FOSS PES, TR VF QTZ, CRM SHDW FOSS CHLK, ABDT TN VIT CHT, NO ODOR, MFNSOC
LOWER EXTRACTOR
35u INCRS
BLK DK GY SPLNTY, CALC, CARB, ABDT GY DK GY SFT GUMMY, CALC,
DOLO; LT GY/WH, SLI BUFF, VF GRNY TO SUGARY, FOSS FOSS, RIN, SCATT GOLD FLOR, NO ODOR, NSOC
4666- LS; GYISH TN RGH GRITTY CHLKY, TO F XLN SUGARY, DOLOMITIC, FOSS PCES MFNOC
GRAD INCRS C2, C3
LS; TN BRN CRYP TO F XLN, INCRS GYISH BRN DOLOMITIC SHLY
DOLO & DOLOMITIC LS, LT BUFF VF GRNY, SHDW F OOL, OCC FOSS FRG, CRM WH CHLK, NO ODOR, WEAK YEL FLOR NSOC
15u INCRS
DOLO/ DOLO LS, BRN TN HD DNS W/SHDW VF FOSS, TO CLR XTL VF GRNY GRITTY, SHDW FOSS PCES, NO ODOR, SME YEL FLOR NSOC
SH BLK DULL RGH TXT CARBY SL CALC
DOLO, B RN SPKLD BRN VF CLR XTL SUGARY BRN SPKS, FUS/FOSS, SME MARLY CHLKY WBLK LENS, WEAK GOLD FLOR NSOC
DOLOMITIC SHLK, LT BUFF GY SFT W/VF GY SPOTS TR FOSS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0
Gamma (API)
150
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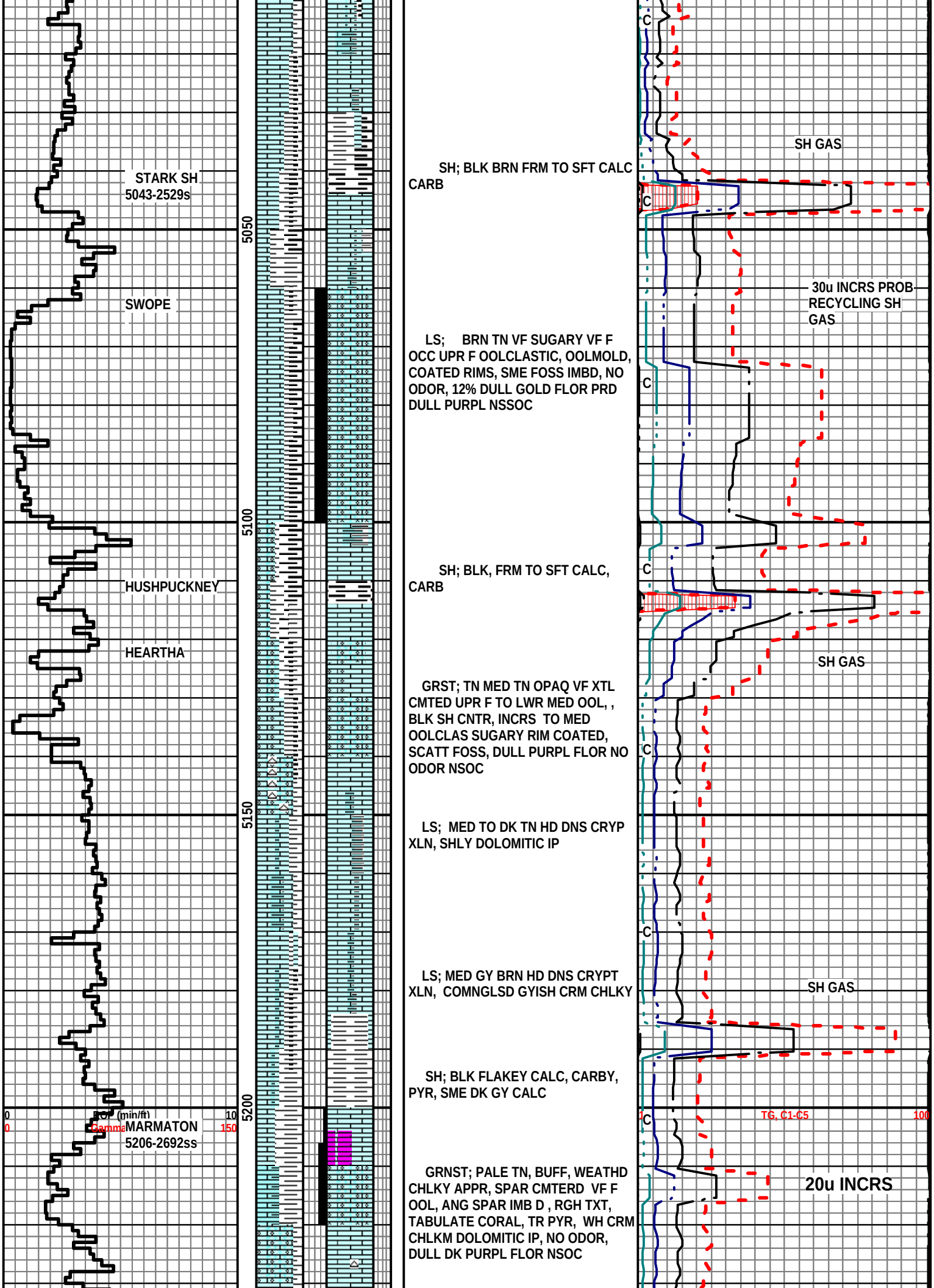
4850
4900
4950
5000
3-20-2012
LS; BRN BUFF, RGH TXT S CHLKY IMBD CHT & CHT FOSS
TG, C1-C5
100
SH GAS
SH; DULL GY DK GY CARBY LMY TO CALC, MICA
LS;, MED TO DK TN DOLOMITIC, FRAC FRAGMTL, HD XLN, SHDW FOSS VF BRECCA EDGES, GY VIT CHT MFNSOC
RATTY 6u INCRS
DOLOMITIC GRNST & OOLCLAS LS, LT BRN BRTL RGH GRITTY MATRIX & CMT, VF F OOL SME F & MED OOIDS, SME MED OOLCLASTIC, HEAVY RIM COAT,PYR FREE MED CRUSTY OOIIDS, NO ODOR, DULL GOLD FLOR NSOC
LS; BRN MOTT W/RM IP, RGH TXTR ONTBD BRN VF DOLO RHOM SH, SME BRN TN W/ LS & FOSS PCES, W/SHALLOW VF F OOLC, MFNSOC NO ODOR
LS; PALE GYISH TN BRN HD DNS CRYP XLN SHDW FOSS FRGS, BRN VIT BLKY CHT W/IMBD FUS/FOSS
LS; LT BUFF BUFF WEATHD APPR, VF GRITTY VF F OOL, SUGARY, RIM COATED, NO ODOR, FAINT GOLD FLOR 5% NSOC
GRNST; LT GY TINT TN, P/SRTD VF TO UPR F OCC MED OOL, RIM COAT, SME WH SH CNTR, NO ODOR, WEAK YEL FLOR NSOC
LS; BRN MD TN HD DNS RGH TXT, MICRO FOSS, SME OOL, TRACE FOSS, ABDT MOTT CRM DK BRN, GRNY S CHLKY, NO ODOR, BLK TO DK PRPL FLOR NSOC
LS; CRM BUFF RGH TXT, SHELL PRINTS, FLAKEY FRAC, NO ODOR, MFNSOC
LS; DK TN BRN HD CRYP XLN
DOLOMITIC LS, DK BUFF TN VF SUGARY ABDT DK TN CRYP XLN SHL
LS; GYISH TINT B RN SHLY F XLN, ABDT CHLKY


STARK SH
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SWOPE
HUSHPUCKNEY
HEARTHA
MARMATON
5206-2692ss
5050
5100
5150
5200
0
ROP (min/ft)
10
0
Gamma
150
SH; BLK BRN FRM TO SFT CALC CARB
SH GAS
30u INCRS PROB RECYCLING SH GAS
LS; BRN TN VF SUGARY VF F OCC UPR F OOLCLASTIC, OOLMOLD, COATED RIMS, SME FOSS IMBD, NO ODOR, 12% DULL GOLD FLOR PRD DULL PURPL NSSOC
SH; BLK, FRM TO SFT CALC, CARB
SH GAS
GRST; TN MED TN OPAQ VF XTL CMTED UPR F TO LWR MED OOL, , BLK SH CNTR, INCRS TO MED OOLCLAS SUGARY RIM COATED, SCATT FOSS, DULL PURPL FLOR NO ODOR NSOC
LS; MED TO DK TN HD DNS CRYP XLN, SHLY DOLOMITIC IP
LS; MED GY BRN HD DNS CRYPT XLN, COMNGLSD GYISH CRM CHLKY
SH GAS
SH; BLK FLAKEY CALC, CARBY, PYR, SME DK GY CALC
TG, C1-C5
100
GRNST; PALE TN, BUFF, WEATHD CHLKY APPR, SPAR CMTERD VF F OOL, ANG SPAR IMB D , RGH TXT, TABULATE CORAL, TR PYR, WH CRM CHLKM DOLOMITIC IP, NO ODOR, DULL DK PURPL FLOR NSOC
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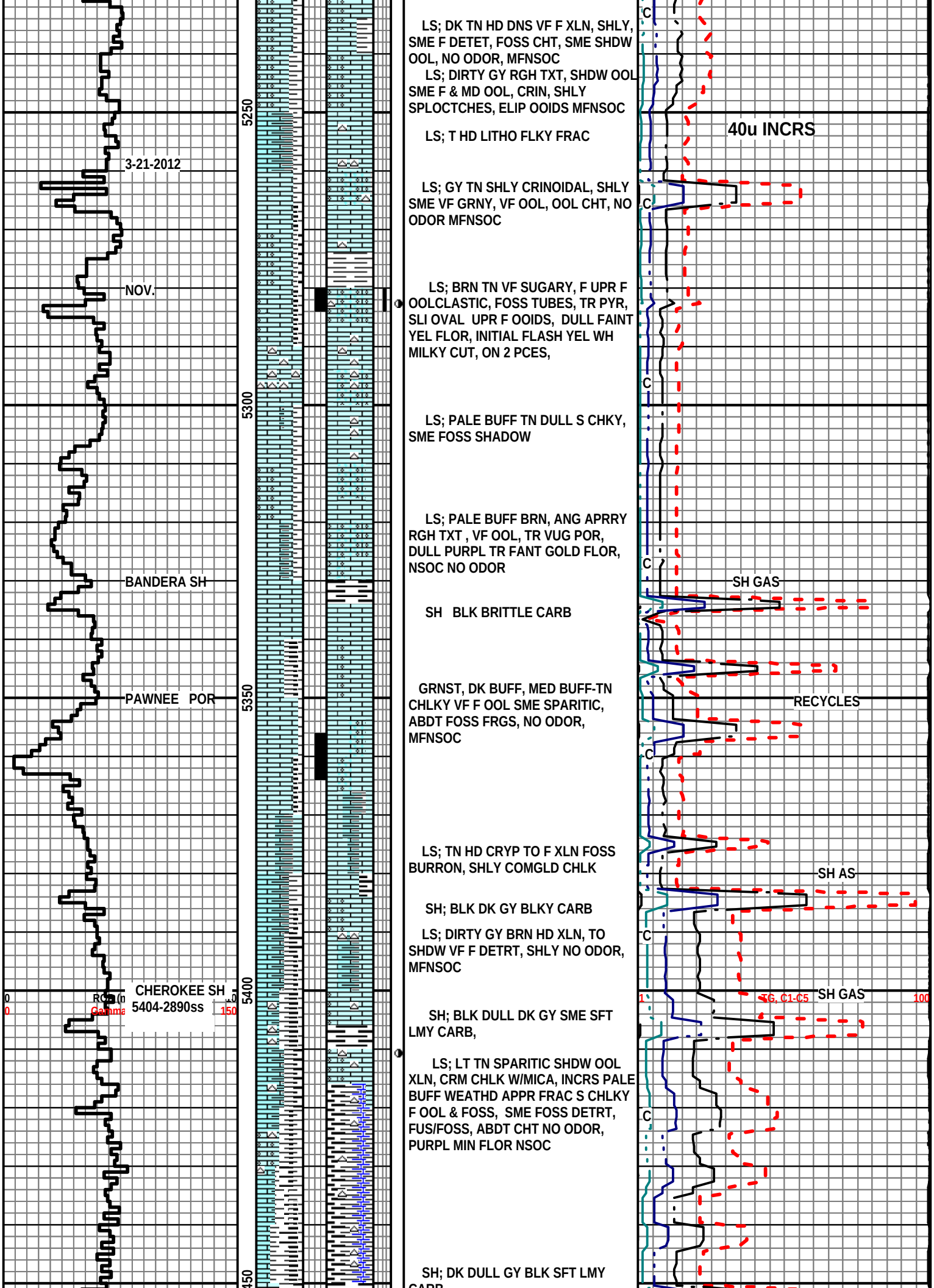
3-21-2012
NOV.
BANDERA SH
PAWNEE POR
CHEROKEE SH
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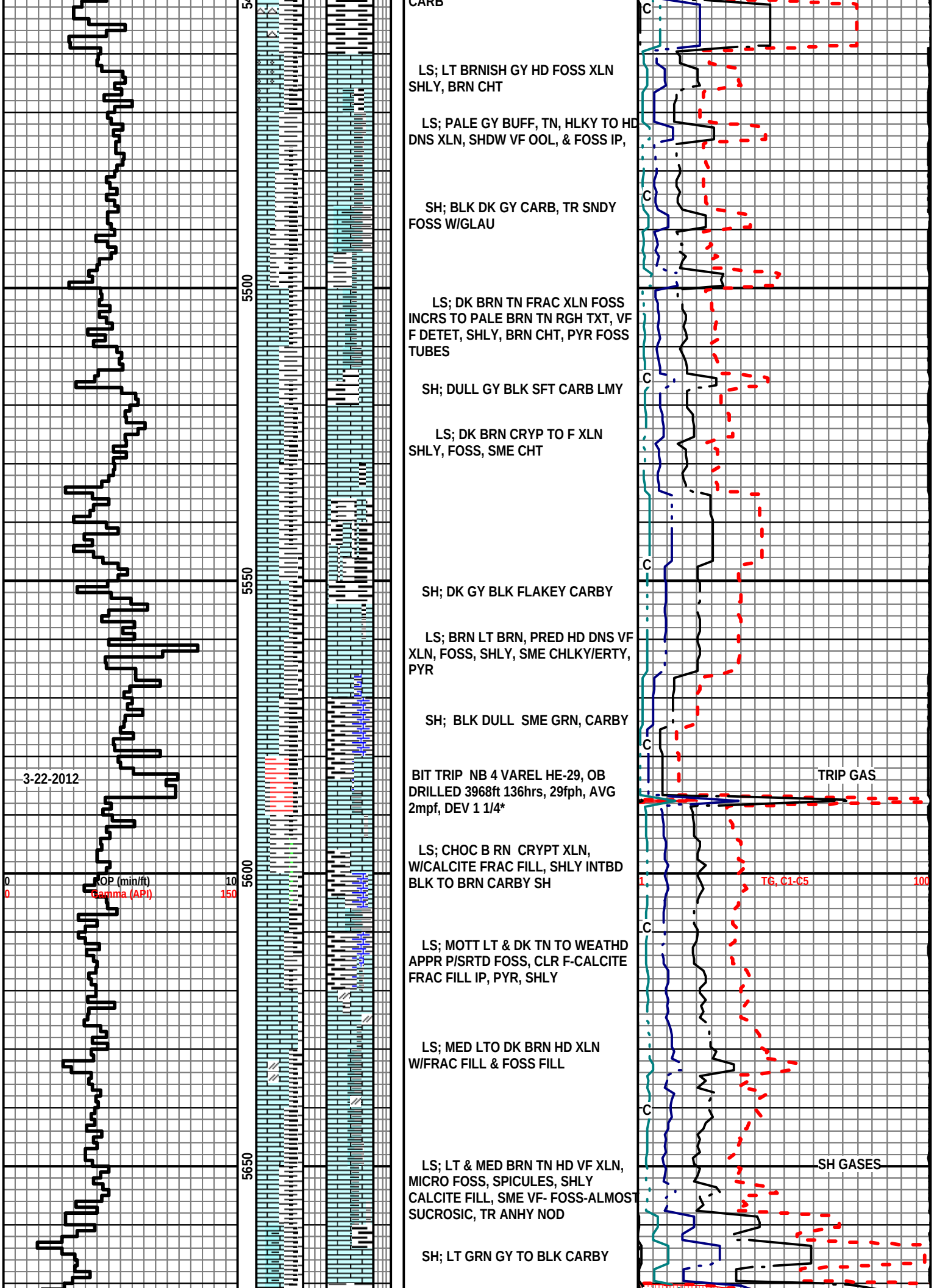
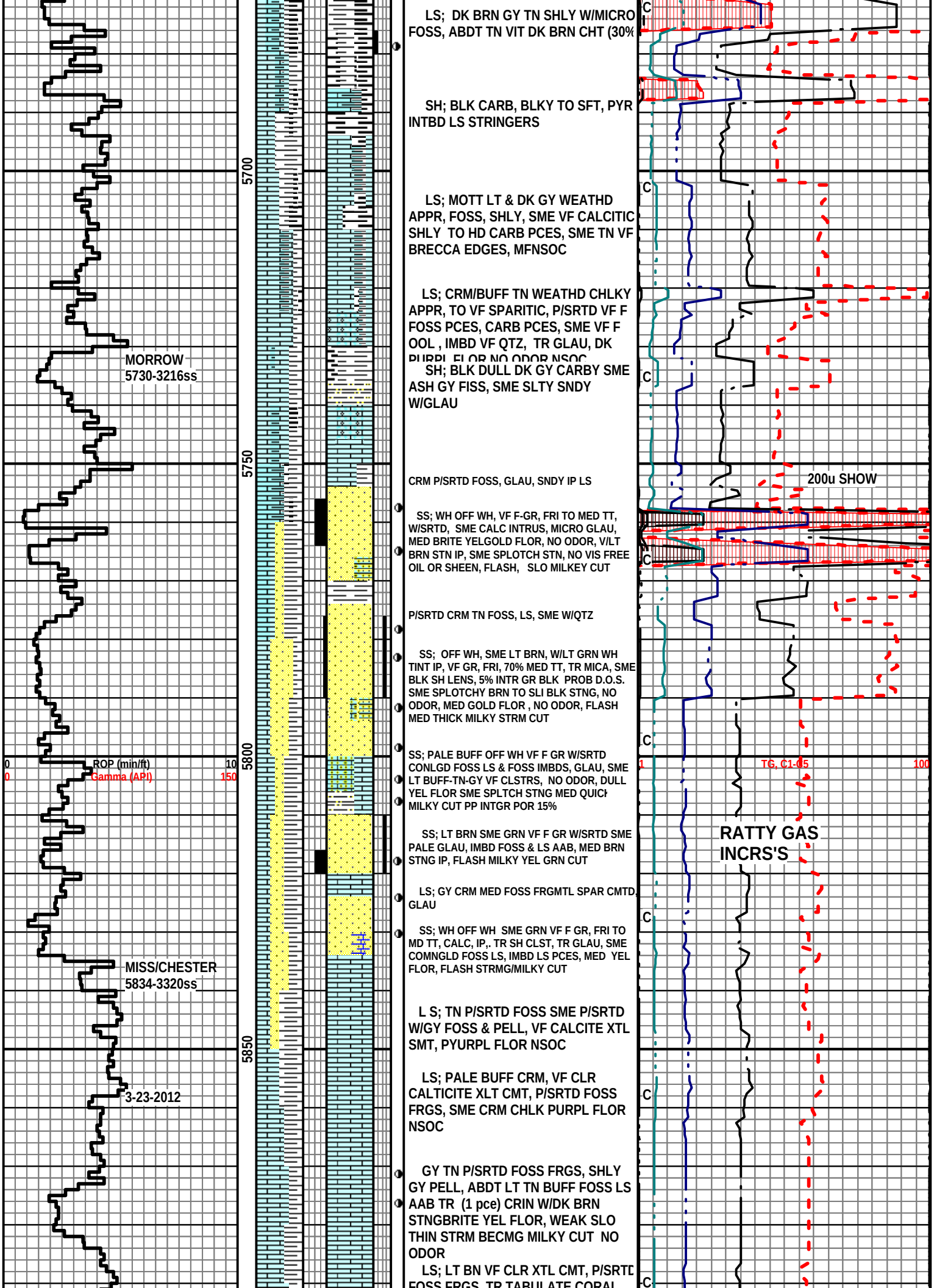
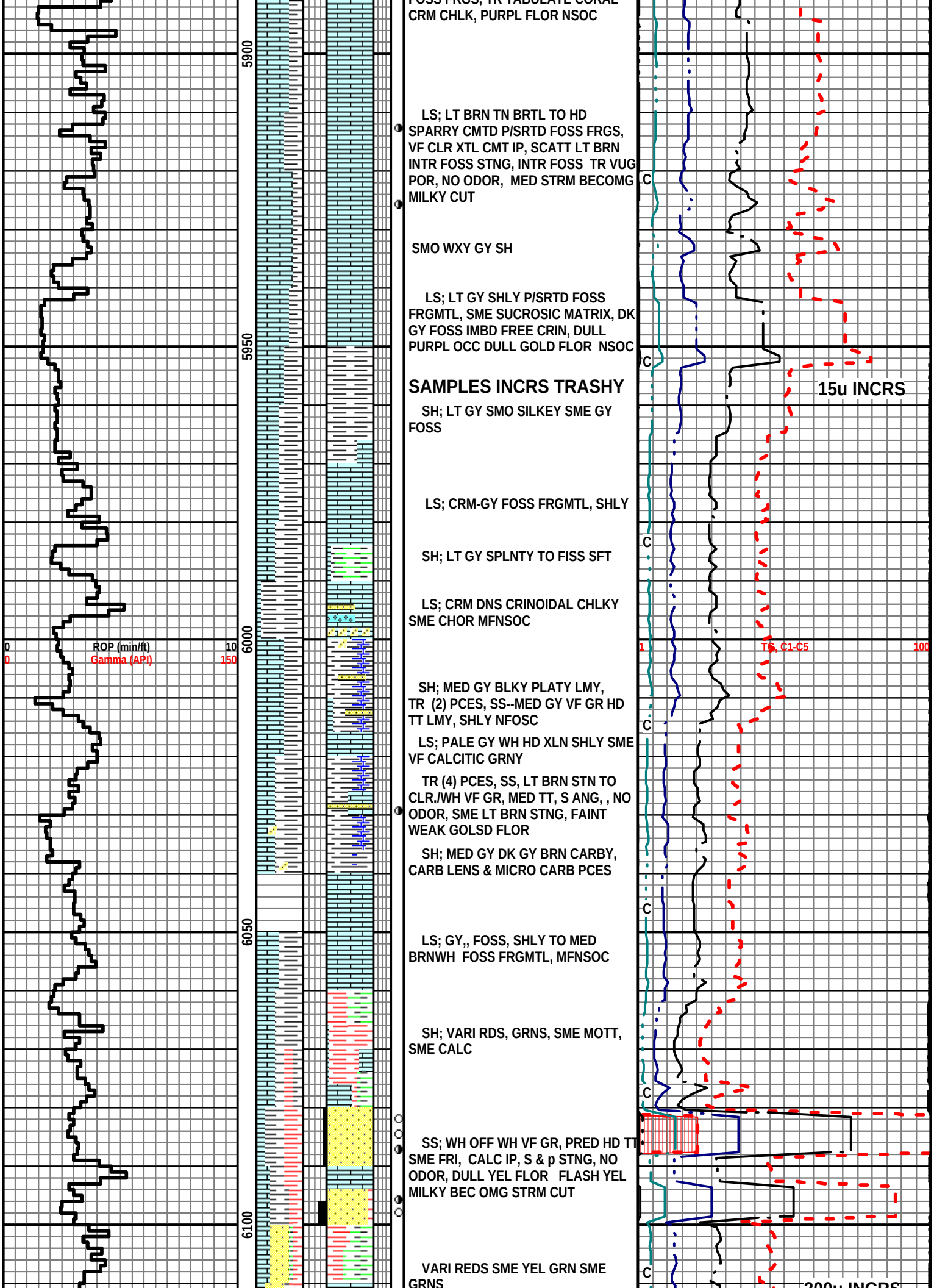
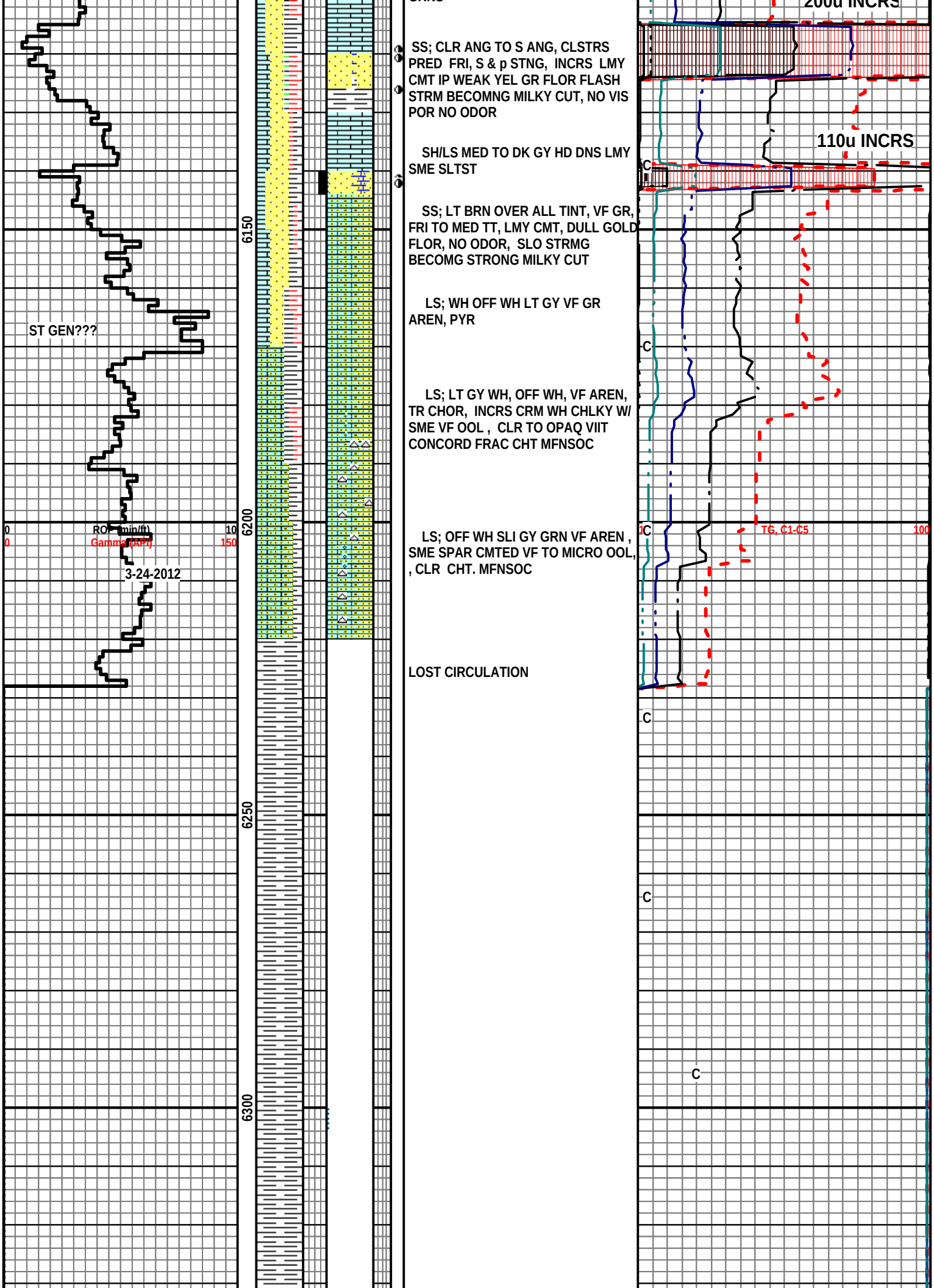
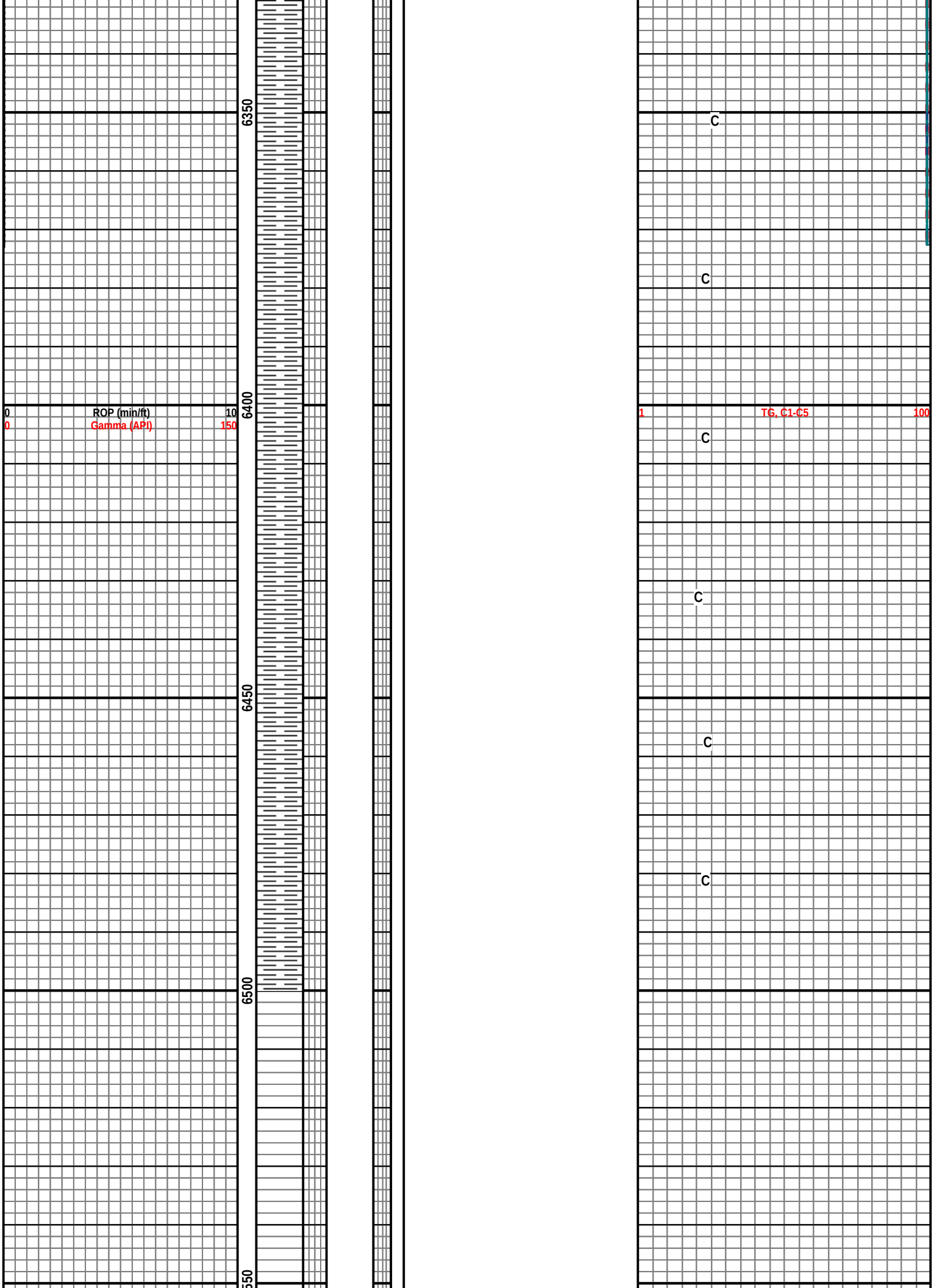
5350
5400
5450
LS; DK TN HD DNS VF F XLN, SHLY, SME F DETET, FOSS CHT, SME SHDW OOL, NO ODOR, MFNSOC
LS; DIRTY GY RGH TXT, SHDW OOL SME F & MD OOL, CRIN, SHLY SPLOCTCHES, ELIP OOIDS MFNSOC
LS; T HD LITHO FLKY FRAC
40u INCRS
LS; GY TN SHLY CRINOIDAL, SHLY SME VF GRNY, VF OOL, OOL CHT, NO ODOR MFNSOC
LS; BRN TN VF SUGARY, F UPR F OOLCLASTIC, FOSS TUBES, TR PYR, SLI OVAL UPR F OOIDS, DULL FAINT YEL FLOR, INITIAL FLASH YEL WH MILKY CUT, ON 2 PCES,
LS; PALE BUFF TN DULL S CHKY, SME FOSS SHADOW
LS; PALE BUFF BRN, ANG APRRY RGH TXT , VF OOL, TR VUG POR, DULL PURPL TR FANT GOLD FLOR, NSOC NO ODOR
SH GAS
SH BLK BRITTLE CARB
GRNST, DK BUFF, MED BUFF-TN CHLKY VF F OOL SME SPARITIC, ABDT FOSS FRGS, NO ODOR, MFNSOC
RECYCLES
LS; TN HD CRYP TO F XLN FOSS BURRON, SHLY COMGLD CHLK
SH AS
SH; BLK DK GY BLKY CARB
LS; DIRTY GY BRN HD XLN, TO SHDW VF F DETRT, SHLY NO ODOR, MFNSOC
TG, C1-C5
SH GAS
SH; BLK DULL DK GY SME SFT LMY CARB,
LS; LT TN SPARITIC SHDW OOL XLN, CRM CHLK W/MICA, INCRS PALE BUFF WEATHD APPR FRAC S CHLKY F OOL & FOSS, SME FOSS DETRT, FUS/FOSS, ABDT CHT NO ODOR, PURPL MIN FLOR NSOC
SH; DK DULL GY BLK SFT LMY

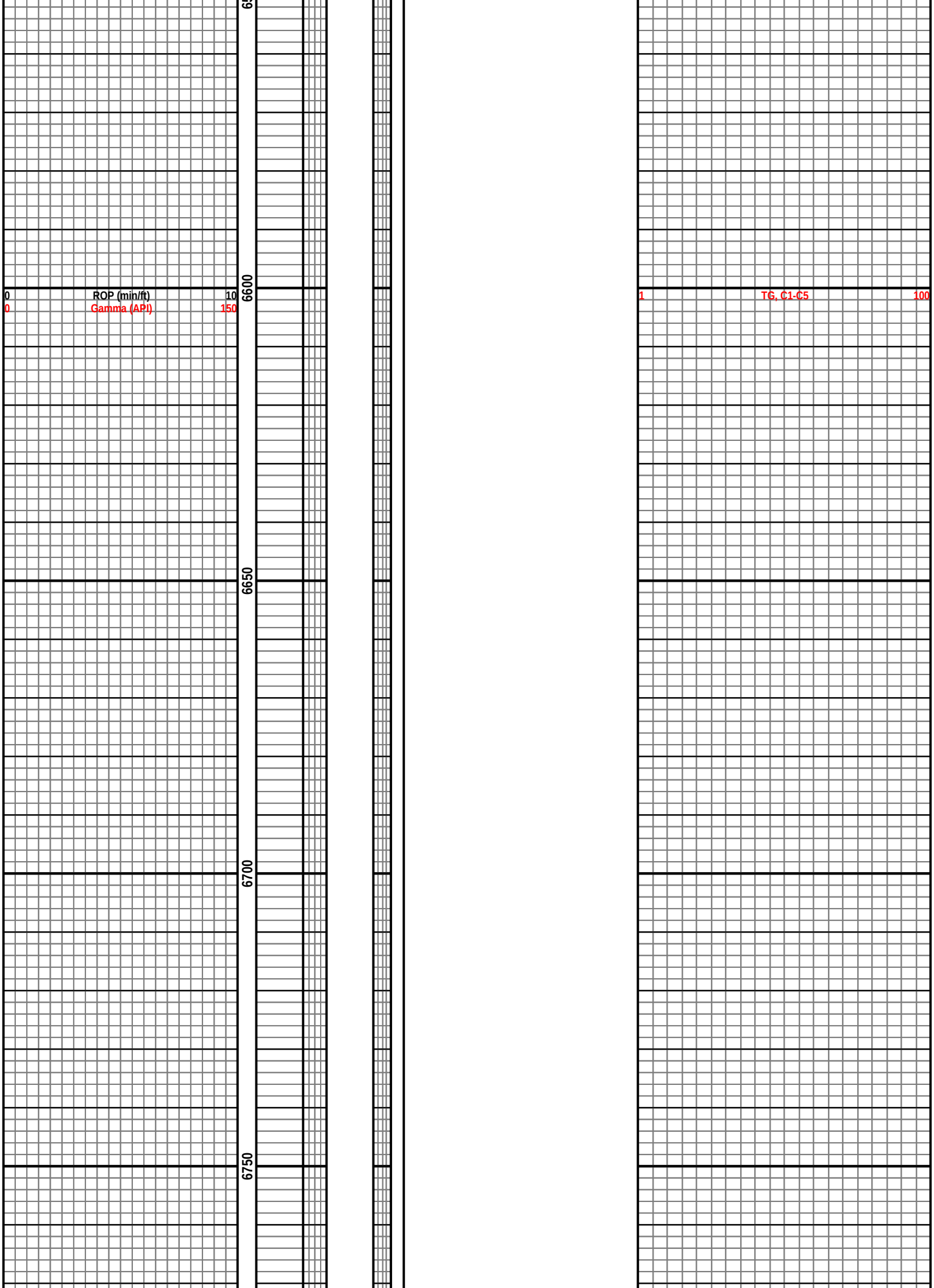

CARB
LS; LT BRNISH GY HD FOSS XLN SHLY, BRN CHT
LS; PALE GY BUFF, TN, HLKY TO HD DNS XLN, SHDW VF OOL, & FOSS IP,
SH; BLK DK GY CARB, TR SNDY FOSS W/GLAU
LS; DK BRN TN FRAC XLN FOSS INCRS TO PALE BRN TN RGH TXT, VF F DETET, SHLY, BRN CHT, PYR FOSS TUBES
SH; DULL GY BLK SFT CARB LMY
LS; DK BRN CRYP TO F XLN SHLY, FOSS, SME CHT
SH; DK GY BLK FLAKEY CARBY
LS; BRN LT BRN, PRED HD DNS VF XLN, FOSS, SHLY, SME CHLKY/ERTY, PYR
SH; BLK DULL SME GRN, CARBY
3-22-2012
BIT TRIP NB 4 VAREL HE-29, OB DRILLED 3968ft 136hrs, 29fph, AVG 2mpf, DEV 1 1/4*
TRIP GAS
LS; CHOC B RN CRYPT XLN, W/CALCITE FRAC FILL, SHLY INTBD BLK TO BRN CARBY SH
0
ROP (min/ft)
10
0
Gamma (API)
150
1
TG, C1-C5
100
LS; MOTT LT & DK TN TO WEATHD APPR P/SRTD FOSS, CLR F-CALCITE FRAC FILL IP, PYR, SHLY
LS; MED LTO DK BRN HD XLN W/FRAC FILL & FOSS FILL
LS; LT & MED BRN TN HD VF XLN, MICRO FOSS, SPICULES, SHLY CALCITE FILL, SME VF- FOSS-ALMOST SUCROSIC, TR ANHY NOD
SH GASES
SH; LT GRN GY TO BLK CARBY
5500
5550
5600
5650
C

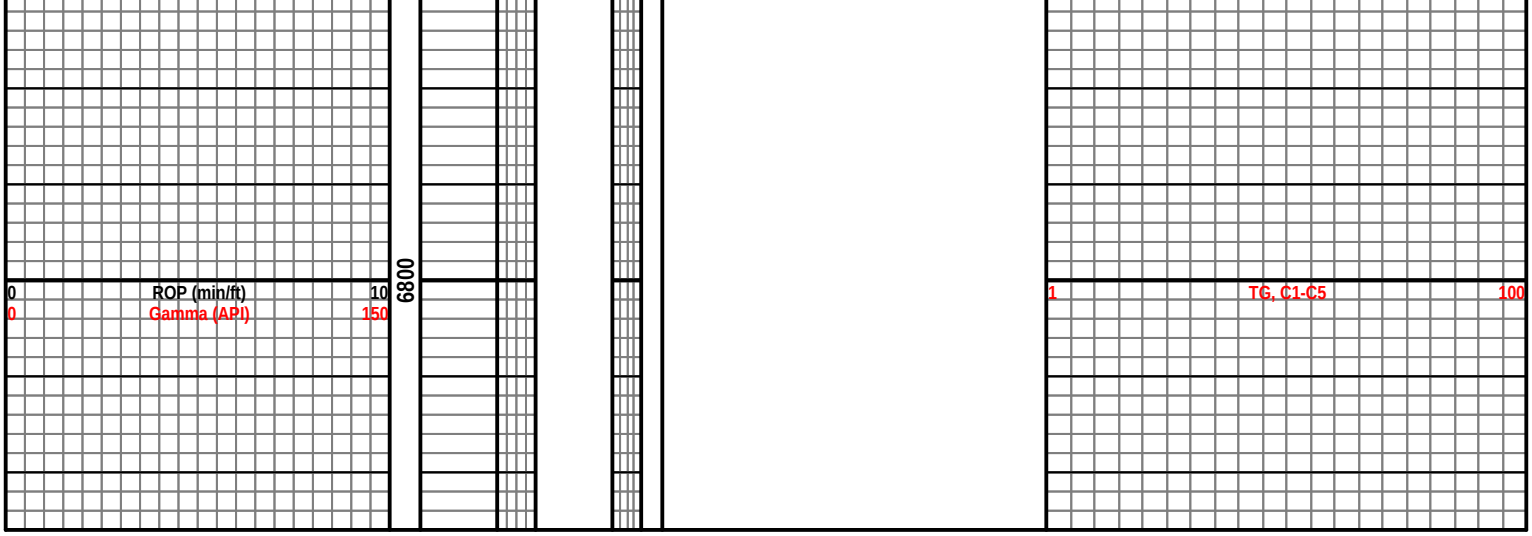

LS; DK BRN GY TN SHLY W/MICRO FOSS, ABDT TN VIT DK BRN CHT (30%
SH; BLK CARB, BLKY TO SFT, PYR INTBD LS STRINGERS
LS; MOTT LT & DK GY WEATHD APPR, FOSS, SHLY, SME VF CALCITIC SHLY TO HD CARB PCES, SME TN VF BRECCA EDGES, MFNSOC
LS; CRM/BUFF TN WEATHD CHLKY APPR, TO VF SPARITIC, P/SRTD VF F FOSS PCES, CARB PCES, SME VF F OOL , IMBD VF QTZ, TR GLAU, DK
SH; BLK DULL DK GY CARBY SME ASH GY FISS, SME SLTY SNDY W/GLAU
MORROW
5730-3216ss
CRM P/SRTD FOSS, GLAU, SNDY IP LS
200u SHOW
SS; WH OFF WH, VF F-GR, FRI TO MED TT, W/SRTD, SME CALC INTRUS, MICRO GLAU, MED BRITE YELGOLD FLOR, NO ODOR, V/LT BRN STN IP, SME SPLOTCH STN, NO VIS FREE OIL OR SHEEN, FLASH, SLO MILKEY CUT
P/SRTD CRM TN FOSS, LS, SME W/QTZ
SS; OFF WH, SME LT BRN, W/LT GRN WH TINT IP, VF GR, FRI, 70% MED TT, TR MICA, SME BLK SH LENS, 5% INTR GR BLK PROB D.O.S. SME SPLOTCHY BRN TO SLI BLK STNG, NO ODOR, MED GOLD FLOR , NO ODOR, FLASH MED THICK MILKY STRM CUT
SS; PALE BUFF OFF WH VF F GR W/SRTD CONLGD FOSS LS & FOSS IMBDS, GLAU, SME LT BUFF-TN-GY VF CLSTRS, NO ODOR, DULL YEL FLOR SME SPLTCH STNG MED QUICI MILKY CUT PP INTGR POR 15%
SS; LT BRN SME GRN VF F GR W/SRTD SME PALE GLAU, IMBD FOSS & LS AAB, MED BRN STNG IP, FLASH MILKY YEL GRN CUT
LS; GY CRM MED FOSS FRGMTL SPAR CMTD, GLAU
SS; WH OFF WH SME GRN VF F GR, FRI TO MD TT, CALC, IP,. TR SH CLST, TR GLAU, SME COMNGLD FOSS LS, IMBD LS PCES, MED YEL FLOR, FLASH STRMG/MILKY CUT
L S; TN P/SRTD FOSS SME P/SRTD W/GY FOSS & PELL, VF CALCITE XTL SMT, PYURPL FLOR NSOC
LS; PALE BUFF CRM, VF CLR CALTICITE XLT CMT, P/SRTD FOSS FRGS, SME CRM CHLK PURPL FLOR NSOC
GY TN P/SRTD FOSS FRGS, SHLY GY PELL, ABDT LT TN BUFF FOSS LS AAB TR (1 pce) CRIN W/DK BRN STNGBRITE YEL FLOR, WEAK SLO THIN STRM BECMG MILKY CUT NO ODOR
LS; LT BN VF CLR XTL CMT, P/SRTD
MISS/CHESTER
5834-3320ss
3-23-2012
5700
5750
5800
5850
0
ROP (min/ft)
10
0
Gamma (API)
150
1
TG, C1-05
100
RATTY GAS
INCRS'S
C


FOSS FRGS, TR TABULATE CORAL
CRM CHLK, PURPL FLOR NSOC
LS; LT BRN TN BRTL TO HD SPARRY CMTD P/SRTD FOSS FRGS, VF CLR XTL CMT IP, SCATT LT BRN INTR FOSS STNG, INTR FOSS TR VUG POR, NO ODOR, MED STRM BECOMG MILKY CUT
SMO WXY GY SH
LS; LT GY SHLY P/SRTD FOSS FRGMTL, SME SUCROSIC MATRIX, DK GY FOSS IMBD FREE CRIN, DULL PURPL OCC DULL GOLD FLOR NSOC
SAMPLES INCRS TRASHY
15u INCRS
SH; LT GY SMO SILKEY SME GY FOSS
LS; CRM-GY FOSS FRGMTL, SHLY
SH; LT GY SPLNTY TO FISS SFT
LS; CRM DNS CRINOIDAL CHLKY SME CHOR MFNSOC
0 ROP (min/ft) 10
0 Gamma (API) 150
1 TG, C1-C5 100
SH; MED GY BLKY PLATY LMY, TR (2) PCES, SS--MED GY VF GR HD TT LMY, SHLY NFOSC
LS; PALE GY WH HD XLN SHLY SME VF CALCITIC GRNY
TR (4) PCES, SS, LT BRN STN TO CLR./WH VF GR, MED TT, S ANG, , NO ODOR, SME LT BRN STNG, FAINT WEAK GOLSD FLOR
SH; MED GY DK GY BRN CARBY, CARB LENS & MICRO CARB PCES
LS; GY,, FOSS, SHLY TO MED BRNWH FOSS FRGMTL, MFNSOC
SH; VARI RDS, GRNS, SME MOTT, SME CALC
SS; WH OFF WH VF GR, PRED HD TT SME FRI, CALC IP, S & p STNG, NO ODOR, DULL YEL FLOR FLASH YEL MILKY BEC OMG STRM CUT
VARI REDS SME YEL GRN SME GRNS
200u INCRS
5900
5950
6000
6050
6100


SS; CLR ANG TO S ANG, CLSTRS PRED FRI, S & p STNG, INCRS LMY CMT IP WEAK YEL GR FLOR FLASH STRM BECOMNG MILKY CUT, NO VIS POR NO ODOR
SH/LS MED TO DK GY HD DNS LMY SME SLTST
SS; LT BRN OVER ALL TINT, VF GR, FRI TO MED TT, LMY CMT, DULL GOLD FLOR, NO ODOR, SLO STRMG BECOMG STRONG MILKY CUT
LS; WH OFF WH LT GY VF GR AREN, PYR
LS; LT GY WH, OFF WH, VF AREN, TR CHOR, INCRS CRM WH CHLKY W/ SME VF OOL , CLR TO OPAQ VIIT CONCORD FRAC CHT MFNSOC
LS; OFF WH SLI GY GRN VF AREN , SME SPAR CMTED VF TO MICRO OOL, , CLR CHT. MFNSOC
LOST CIRCULATION
200u INCRS
110u INCRS
ST GEN???
3-24-2012
ROP (min/ft)
Gamma (API)
TG, C1-C5
6150
6200
6250
6300


6350
6400
6450
6500
6550
0
ROP (min/ft)
10
0
Gamma (API)
150
1
TG, C1-C5
100
C
C
C
C
C


0
ROP (min/ft)
10
0
Gamma (API)
150
1
TG, C1-C5
100
6600
6650
6700
6750


0
ROP (min/ft)
10
0
Gamma (API)
150
6800
1
TG, C1-C5
100

Cement Callsheet

BASIC ENERGY SERVICES

Company	**Oolite Energy**	Service Point	**Liberal Kansas**		
		Contact Person	**Jerry Bennett**	Ph #	620-655-2786
Well Type		Contractor	H2	County	Meade	State	KS
Lease	Stoltzfus	Well #	1-3	Sec	3	Twp	34S	Range	29W
Directions:									

Meade Lake - 3 south on Hwy 23 to Rd Y, 1/2 mile west, south into

Job Type	PRODUCTION	Casing Size: 5 1/2	Thread: 8RD	Weight: 15.5
Equipment	1 PUMP TRUCK & 1 BULK TRUCK	Tubing/Drill Pipe Size	Thread	Weight
		Hole Size: 7 7/8	Packer	Bridge Plug
AFE #:		Plug Container: YES	Squeeze Manifold	Field Bin

USE 50SX OF A-CON TO PLUG RAT AND MOUSE HOLES - PUMP 500 GALLONS OF SUPER FLUSH - 50SX OF A-CON - 110SX OF AA-2 - DISPLACE 6 TO 7 BPM

CEMENT DATA

LEAD 1	Weight PPG	Type		Additives
CL101	11.4	'A-Con' Blend		3% CALCIUM CHLORIDE, 1/4# POLYFLAKE, .2%WCA-1
Sacks	Excess	Yield Ft³/sk	Water Gal/sk	
100		2.95	18.10	
TAIL 1	Weight PPG	Type		Additives
CL105	14.80	AA2 Cement		5% W-60, 10% SALT, .6% C-15, 1/4# DEFOAMER, 5# GILSONITE
Sacks	Excess	Yield Ft³/sk	Water Gal/sk	
110	20%	1.51	6.64	
LEAD 2	Weight PPG	Type		Additives
Sacks	Excess	Yield Ft³/sk	Water Gal/sk	
TAIL 2	Weight PPG	.		Additives
Sacks	Excess	Yield Ft³/sk	Water Gal/sk	
Mouse/Rat	Weight PPG	Type		Additives
Sacks	Excess	Yield Ft³/sk	Water Gal/sk	
Plugs	Weight PPG	Type		Additives
Sacks	Excess	Yield Ft³/sk	Water Gal/sk	

Float Equipment

Part #	Quanity	Description	# Used	# Returned
CF251	1	Guide Shoe - Regular. 5 1/2" (Blue)		
CF1451	1	Flapper Type Insert Float Valves, 5 1/2" (Blue)		
CF4452	10	Econimizer Hinged, Welded Centralizer W/ Turbo Fins 5 1/2 X 7 7/8		
CF103	1	Top Rubber Cement Plug, 5 1/2"		
CF4105	2	Stop Collar 5 1/2"		
CF4552	1	Cement Baskets, Canvas 5 1/2"		

Misc. Chemicals

CC155	500	Super Flush II		

Ordered By	**Tim Thompson**	**Phone**	**620-388-4401**	**Fax**	Date of Job: **03/27/12**
Call Taken By	**Tyce Davis**	**Phone**	**620-388-3779**	**Email**	Time Ready:
Operator or Driver Called					**Call Out Time**

BASIC
Energy services, L.P.

TREATMENT REPORT

Customer: OOLITE ENERGY	Lease No.	Date: 3-14-2012	
Lease: STOLTZFUS	Well #: 1-3		
Field Order #: 05978	Station: PRATT, Ks.	Casing: 8 5/8"	Depth
County: MEADE	State: Ks.		
Type Job: CNW - 8 5/8" S.P.	Formation: TD - 1619'	Legal Description: 3-34S-29W	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size: 8 5/8 x 24#	Tubing Size	Shots/Ft	CMT -	Acid: 315 SK A-CON	RATE	PRESS	ISIP
Depth: 1619.85	Depth	From	To	Pre Pad @ 2.95 CUFT	Max: SJ = 47.28'		5 Min.
Volume: 103 BBL	Volume	From	CMT -	Pad: 135 SK Common	Min		10 Min.
Max Press: 500	Max Press	From	To	Frac @ 1.34 CUFT	Avg		15 Min.
Well Connection: P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth: 1557.57	Packer Depth	From	To	Flush: 99 BBL H2O	Gas Volume		Total Load

Customer Representative: TIM THOMPSON | Station Manager: D. SCOTT | Treater: K. LESLEY

Service Units	37586	19889	19843	19826	19860	19832	21010				
Driver Names	LESLEY	MARQUEZ	—	McGRAW	—	YOUNG	—				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:00 AM					ON LOCATION - SAFETY MEETING
8:30 AM					SPOT TRUCKS ON LOCATION
9:00 AM					RUN 38 STS. 8 5/8" x 24# CSG.
5					CENT. - 1, 4, 6 BASK - 37
11:55 AM					CSG. ON BOTTOM
12:05 AM					HOOK UP TO CSG. / BREAK CIRC. W/ RIG
12:45 AM	300		5	6	H2O AHEAD
12:47 AM	250		165.5	6	MIX 315 SK. A-CON @ 11.4 PPG
1:15 AM	200		32	6	MIX 135 SK COMMON @ 14.8 PPG
1:20 AM					SHUT DOWN - RELEASE PLUG
1:24 AM	0		0	5	START DISPLACEMENT
1:42 AM	300		90	4	SLOW RATE
1:45 AM	500		99	3	PLUG DOWN - HELD
					CIRC. THRU JOB
					DID NOT CIRC. CMT
1:00 AM	0		15	1	MIX 75 SKS. - TOPOFF IN CELLAR
					JOB COMPLETE,
					THANKS -
					KEVEN LESLEY

— 315 SK. A-CON CEMENT - CLASS 'C' 3% CALCIUM CHLORIDE 1/4 #/SK CELLFLAKE, .2% WCA-1

— 135 SK CLASS 'C' 2% CALCIUM CHLORIDE, 1/4 #/SK CELLFLAKE

Taylor Printing, Inc. 620-672-3656