



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1059634

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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

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				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Energies Corporation
Well Name	Mastre Trust 1-11
Doc ID	1059634

Tops

Name	Top	Datum
Heebner	2096	-528
Lansing	2302	-734
Base/Kansas City	2656	-1088
Cherokee	2808	-1240
Mississippian	2894	-1326
Kinderhook	3088	-1520
Viola	3367	-1799
Simpson Sand	3418	-1850
Arbuckle	3465	-1897



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
FAX 620/431-0012

INVOICE

Invoice # 241357

Invoice Date: 05/18/2011 Terms:

Page 1

AMERICAN ENERGIES CORPORATION
155 N. MARKET SUITE 710
WICHITA KS 67202
(316) 263-5785

MASTRE TRUST 1-11
30519
11-19S-2W
05-10-11
KS

2024

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	140.00	14.2500	1995.00
1102	CALCIUM CHLORIDE (50#)	394.00	.7000	275.80
1118B	PREMIUM GEL / BENTONITE	263.00	.2000	52.60
1107	FLO-SEAL (25#)	35.00	2.2200	77.70
Description		Hours	Unit Price	Total
442	TON MILEAGE DELIVERY	329.00	1.26	414.54
485	CEMENT PUMP (SURFACE)	1.00	775.00	775.00
485	EQUIPMENT MILEAGE (ONE WAY)	50.00	4.00	200.00

ENT'D JUN - 2

Parts:	2401.10	Freight:	.00	Tax:	175.28	AR	3965.92
Labor:	.00	Misc:	.00	Total:	3965.92		
Sublt:	.00	Supplies:	.00	Change:	.00		

RECD MAY 20 2011

Signed _____

Date _____



CONSOLIDATED
Oil Well Services, LLC

ENTERED

TICKET NUMBER 30519
LOCATION Eureka
FOREMAN Steve Mead

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

CEMENT API# 15-113-21346

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-10-11	1040	Master Trust #1-11	11	19S	2W	McPherson
CUSTOMER American Energies Corporation			TRUCK #			
MAILING ADDRESS 155 N. Market Ste. 710			DRIVER		TRUCK #	
CITY Wichita			DRIVER		TRUCK #	
STATE KS			DRIVER		TRUCK #	
ZIP CODE 67202			DRIVER		TRUCK #	

JOB TYPE Surface 0 HOLE SIZE 12 1/4 HOLE DEPTH 213' CASING SIZE & WEIGHT 8 5/8
 CASING DEPTH 212' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.2# SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 20'
 DISPLACEMENT 12.4 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting: Rig up to 8 5/8 casing. Break circulation w/ fresh water. Pump 10 bbls fresh water ahead. Mix 140 sks Class A cement w/ 3% CaCl2, 2% Gel & 1/2# F10 Seal per/sk @ 14.2# per/gal. Displace with 12.4 bbls fresh water shut well in. Good cement returns to surface. 12 bbls slurry to pit. Job complete Rig down

Thank you

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	775.00	775.00
5406	50	MILEAGE	4.00	200.00
11045	140 SKS	Class A Cement	14.25	1995.00
1102	394#	CaCl2 3%	.70	275.80
1118B	263#	Gel 2%	.20	52.60
1107	35#	F10 Seal 1/2# Per/sk	2.22	77.70
5407A	6.58 Tons	1 Ton Mileage Bulk Truck	1.26	414.54
REC'D MAY 20 2011			Subtotal	3790.64
			SALES TAX 7.3%	175.28
			ESTIMATED TOTAL	3965.92

AUTHORIZATION [Signature] TITLE Driller DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
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INVOICE

Invoice # 241379

=====
Invoice Date: 05/18/2011 Terms:

Page 1

AMERICAN ENERGIES CORPORATION
155 N. MARKET SUITE 710
WICHITA KS 67202
(316) 263-5785

MASTRE TRUST 1-11
30532
11-198-2W
05-15-11
KS

2026

Part Number	Description	Qty	Unit Price	Total
1126A	THICK SET CEMENT	105.00	18.3000	1921.50
1110A	KOL SEAL (50# BAG)	525.00	.4400	231.00
4454	5 1/2" LATCH DOWN PLUG	1.00	254.0000	254.00
4203	GUIDE SHOE 5 1/2"	1.00	160.0000	160.00
4104	CEMENT BASKET 5 1/2"	1.00	229.0000	229.00
4228B	INSERT FLOAT VALVE W/AFU	1.00	172.0000	172.00
4130	CENTRALIZER 5 1/2"	5.00	48.0000	240.00

Description	Hours	Unit Price	Total
515 TON MILEAGE DELIVERY	288.50	1.26	363.51
520 CEMENT PUMP	1.00	975.00	975.00
520 EQUIPMENT MILEAGE (ONE WAY)	50.00	4.00	200.00

ENT'D JUN -2

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Parts: 3207.50 Freight: .00 Tax: 234.15 AR 4980.16
Labor: .00 Misc: .00 Total: 4980.16
Sublt: .00 Supplies: .00 Change: .00
=====

Signed _____ Date _____

RECD MAY 20 2011

COPELAND

Acid & Cement

POST OFFICE BOX 438
 HAYSVILLE, KS 67060
 (316) 524-1225
 (316) 524-1027 FAX

Invoice

BURRTON, KS ▲ GREAT BEND, KS
 (620) 463-5161 (620) 793-3366
 FAX (620) 463-2104 FAX (620) 793-3536

INVOICE NUMBER:
C36392-IN

BILL TO:
AMERICAN ENERGIES CORP.
P.O. BOX 516
CANTON, KS 67428

LEASE: MASTRE TRUST 1-11

DATE	ORDER	SALESMAN	ORDER DATE	PURCHASE ORDER	SPECIAL INSTRUCTIONS	
06/14/2011	V36392		06/06/2011		NET 30	
QUANTITY	U/M	ITEM NO./DESCRIPTION		D/C	PRICE	EXTENSION
35.00	MI	MILEAGE PUMP TRUCK		0.00	4.00	140.00
1.00	EA	PUMP CHARGE		0.00	550.00	550.00
500.00	GAL	15% NEFE ACID		0.00	1.32	660.00
1.00	GAL	CORROSION INHIBITOR		0.00	35.00	35.00
REMIT TO: P.O. BOX 438 HAYSVILLE, KS 67060		FUEL SURCHARGE IS NOT TAXABLE AND IS ADDED TO MILEAGE, PUMP AND OR DELIVERY CHARGES ONLY.		Net Invoice: 1,385.00		
RECEIVED BY _____				MCP CO Sales Tax: 40.15		
NET 30 DAYS				Invoice Total: 1,425.15		

There will be a charge of 1.5% "per month" (18% annual rate) on all accounts over 30 days past due.

Copeland Acid & Cement is a subsidiary of Gressel Oil Field Service

Gressel Oil Field Service reserves a security interest in the goods sold until the same are paid for in full and reserve all the rights of a secured party under the Uniform Commercial Code



FIELD ORDER No C 36392

BOX 438 • HAYSVILLE, KANSAS 67060
316-524-1225

DATE 6/6 20 11

IS AUTHORIZED BY: American Energy
(NAME OF CUSTOMER)

Address _____ City _____ State _____

To Treat Well As Follows: Lease MASTRE TRUST Well No. 1-11 Customer Order No. _____

Sec. Twp. _____ Range _____ County McPherson State Ks

CONDITIONS: As a part of the consideration hereof it is agreed that Copeland Acid Service is to service or treat at owners risk, the hereinbefore mentioned well and is not to be held liable for any damage that may accrue in connection with said service or treatment. Copeland Acid Service has made no representation, expressed or implied, and no representations have been relied on, as to what may be the results or effect of the servicing or treating said well. The consideration of said service or treatment is payable. There will be no discount allowed subsequent to such date. 6% interest will be charged after 60 days. Total charges are subject to correction by our invoicing department in accordance with latest published price schedules.

The undersigned represents himself to be duly authorized to sign this order for well owner or operator.

THIS ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED

Well Owner or Operator

By

Agent

CODE	QUANTITY	DESCRIPTION	UNIT COST	AMOUNT
	35 miles	mileage Charge	4.00	140.00
		Acid Pump Charge		55.00
	500 gal	15% NE/FE	1.32	660.00
	1 gal	Corrosion Inhibitor		35.00
		Bulk Charge		
		Bulk Truck Miles		
		Process License Fee on _____ Gallons		
TOTAL BILLING				\$1385.00

I certify that the above material has been accepted and used; that the above service was performed in a good and workmanlike manner under the direction, supervision and control of the owner, operator or his agent, whose signature appears below.

Copeland Representative T. S. Little

Station GB

T. S. Little
Well Owner, Operator or Agent

Remarks _____

NET 30 DAYS

COPELAND

POST OFFICE BOX 438
 HAYSVILLE, KS 67060
 (316) 524-1225
 (316) 524-1027 FAX

Invoice

Acid & Cement

BURRTON, KS ♦ GREAT BEND, KS
 (620) 463-5161 (620) 793-3366
 FAX (620) 463-2104 FAX (620) 793-3536

INVOICE NUMBER:
C36396-IN

BILL TO:
 AMERICAN ENERGIES CORP.
 P.O. BOX 516
 CANTON, KS 67428

LEASE: MASTRE TRUST 1-11

DATE	ORDER	SALESMAN	ORDER DATE	PURCHASE ORDER	SPECIAL INSTRUCTIONS	
06/17/2011	C36396		06/08/2011		NET 30	
QUANTITY	U/M	ITEM NO./DESCRIPTION		D/C	PRICE	EXTENSION
35.00	MI	MILEAGE PUMP/PICKUP TRUCK		0.00	4.00	140.00
1.00	EA	PUMP CHARGE		0.00	550.00	550.00
500.00	GAL	15% MUD ACID		0.00	1.25	625.00
1.00	GAL	CORROSION INHIBITOR		0.00	35.00	35.00
REMIT TO: P.O. BOX 438 HAYSVILLE, KS 67060		COP		Net Invoice:		1,350.00
RECEIVED BY _____		FUEL SURCHARGE IS NOT TAXABLE AND IS ADDED TO MILEAGE, PUMP AND OR DELIVERY CHARGES ONLY.		MCPCO Sales Tax:		40.15
		NET 30 DAYS		Invoice Total:		1,390.15

There will be a charge of 1.5% "per month" (18% annual rate) on all accounts over 30 days past due.

Copeland Acid & Cement is a subsidiary of Gressel Oil Field Service

Gressel Oil Field Service reserves a security interest in the goods sold until the same are paid for in full and reserve all the rights of a secured party under the Uniform Commercial Code



FIELD ORDER N° C 30008

BOX 438 • HAYSVILLE, KANSAS 67060
316-524-1225

DATE 6/8 2011

IS AUTHORIZED BY: American Energies
(NAME OF CUSTOMER)

Address _____ City _____ State _____

To Treat Well As Follows: Lease Master Trust Well No. 1-11 Customer Order No. _____

Sec. Twp. Range _____ County McPherson State Ks

CONDITIONS: As a part of the consideration hereof it is agreed that Copeland Acid Service is to service or treat at owners risk, the hereinbefore mentioned well and is not to be held liable for any damage that may accrue in connection with said service or treatment. Copeland Acid Service has made no representation, expressed or implied, and no representations have been relied on, as to what may be the results or effect of the servicing or treating said well. The consideration of said service or treatment is payable. There will be no discount allowed subsequent to such date. 6% interest will be charged after 60 days. Total charges are subject to correction by our invoicing department in accordance with latest published price schedules.

The undersigned represents himself to be duly authorized to sign this order for well owner or operator.

THIS ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED

Well Owner or Operator

By

Agent

CODE	QUANTITY	DESCRIPTION	UNIT COST	AMOUNT
	35 miles	mileage charge	4.00	140.00
		Acid Pump Charge		550.00
	500 gal	15% MCA	1.25	625.00
	1 gal	Corrosion Inhibitor		35.00
		Bulk Charge		
		Bulk Truck Miles		
		Process License Fee on _____ Gallons		\$ 00
		TOTAL BILLING		1350.00

I certify that the above material has been accepted and used; that the above service was performed in a good and workmanlike manner under the direction, supervision and control of the owner, operator or his agent, whose signature appears below.

Copeland Representative T. Settle

Station _____

TRAVIS
Well Owner, Operator or Agent

Remarks _____

NET 30 DAYS

GEOLOGIC REPORT

DAVID J. GOLDAK

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

Well Name: Mastre Trust #1-11
Location: Section 11 - T19S - R2W
License Number: API: 15-113-21346
Spud Date: 05 / 09 / 2011
Surface Coordinates: 1980' FSL and 1815' FEL
W/2 - E/2 - NW - SE

Region: McPherson Co., KS
Drilling Completed: 05 / 15 / 2011

Bottom Hole
Coordinates:
Ground Elevation (ft): 1559' K.B. Elevation (ft): 1568'
Logged Interval (ft): 1900' To: 3500' Total Depth (ft): 3500'
Formation: Arbuckle
Type of Drilling Fluid: Chemical - Mud Co

Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: American Energies Corporation
Address: 155 N. Market, Suite 710
Wichita, Kansas 67202

GEOLOGIST

Name: David J. Goldak and David Barker
Company: D. J. GOLDAK, INC.
Address: 155 N. Market, Suite 710 212 N. Market, Suite 320
Wichita, Kansas 67202 Wichita, Kansas 67202

General Info

CONTRACTOR: C&G Drilling, Rig #2

BIT RECORD:

No.	Size	Make	Jets	Out	Feet	Hours
1	12-1/4	Geo D-GR535	6-16s	212	212	?
2	7-7/8	HTC-TN1653	6-14s	2432	2220	25.00
3	7-7/8	HTC-HX518	20-24-28	2803	371	23.25
4	7-7/8	HTC-GX23	24-24-28	3500	697	?

SURVEYS: 212'-0.25, 1062'-0.25, 1529'-0.5, 2432'-0.75

GENERAL DRILLING & PUMP INFORMATION:

Pumping 56 S/M, 8.26 B/M, with 600 psi at the Standpipe.
Drilling w/PDC: 12,000-15,000 lbs on bit, at 150 RPM.
Drilling w/Conv: 20,000-25,000 lbs on bit at 80 RPM





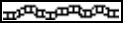



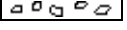



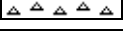
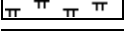





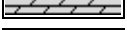

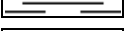
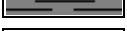

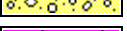
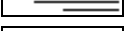
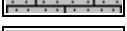






DSTs

None























































































Daily Status

05/09/11 - MIRT and Drill Rathole & Mousehole
 05/10/11 - Spud at 7:00 AM; Set 8-5/8" Csg at 203'
 05/11/11 - 800' Drilling
 05/12/11 - 2,432' Bit Trip
 05/13/11 - 2,775' Drilling; Bit trip @ 2,803'
 05/14/11 - 3,110' Drilling
 05/15/11 - 3,500' Prep to log



























ROCK TYPES


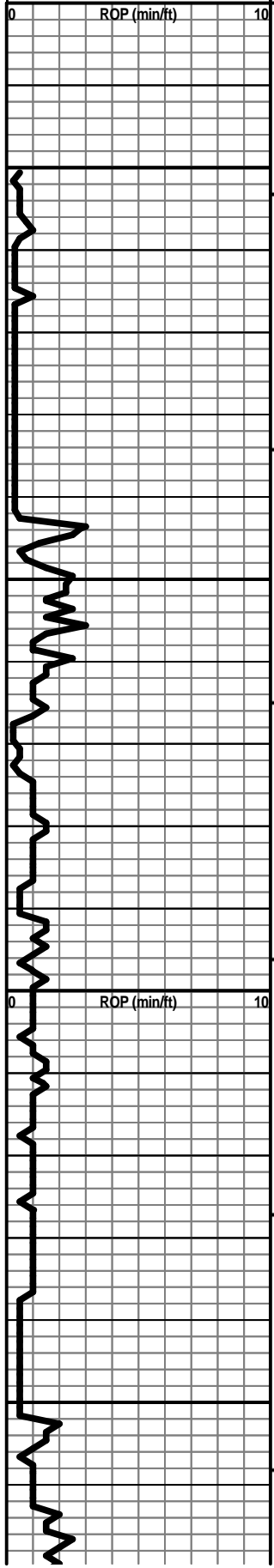
 Anhy	 Igne	 Ss	 Shlyslts
 Bent	 Lmst	 Till	 Sltysh
 Brec	 Meta	 Carb sh	 Lms
 Cht	 Mrlst	 Dol	 cream dolomite
 Clyst	 Salt	 Dtd	 lgt gray dolomite
 Coal	 Shale	 Gry sh	 brown dolomite
 Congl	 Shcol	 Sandylms	
 Dol	 Shgy	 Shale	
 Gyp	 Slst	 Slstn	

ACCESSORIES

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

OTHER SYMBOLS

POROSITY TYPE	SORTING	OIL SHOWS	 Dst
 Earthy	 Well	 Even	EVENTS
 Fenest	 Moderate	 Spotted	 Rft
 Fracture	 Poor	 Ques	 Sidewall
 Inter	ROUNDING	 Dead	 Conn
 Moldic	 Rounded	 Gas show	
 Organic	 Subrnd	INTERVALS	
 Pinpoint	 Subang	 Core	
 Vuggy	 Angular	 Dst	

<p>Curve Track 1</p> <p>ROP (min/ft) </p>	<p>Depth</p>	<p>Porosity</p>	<p>Lithology</p>	<p>Oil Shows</p>	<p>Geological Descriptions</p>	<p>Remarks</p>
	<p>0</p> <p>1000</p> <p>1500</p> <p>1900</p> <p>1950</p> <p>2000</p> <p>2050</p>	<p>24%</p> <p>18%</p> <p>12%</p> <p>6%</p>			<p>DRLG WITH BIT #2: 7-7/8" PDC RR; Geo Diamond GR535; JETS: 6-16s</p> <p>MUD CHECK @ 1219': Wt: 8.9, pH: 8.0, Chl: 1300</p> <p>Vis: 32, Wt: 9.2, LCM: 2#</p>	

LS - CRM / TAN, VF / F XLN, SCAT REXLN CALC, TR FOSS, CHKY IN PT, PRED DNS, NS

BEGIN MUD-UP @ 2,090'

HEEBNER 2096 (-528)

SH - BLK, CARB W/ LS - TAN / BRN, VF / F XLN, SL FOSS, PRED DNS, NS W/ SH - GY / SCAT GRN

LS - TAN / BRN, MOT IN PT, F XLN, FOSS IN PT, SCAT ARGIL, PRED DNS, NS W/ SH - GY / GRN

Vis: 33, Wt: 9.0, LCM: 4#

LS - BRN / TAN, AS ABOVE, PRED DNS, NS

LS - AS ABOVE W/ SS - GY / SCAT CRM, MOT IN PT, VF / F QTZ GR, SA / R, PRED W SRTD, MIC, SL / V CALC CEM, LMY IN PT, PRED P / F INTGR POR, SCAT FRI + G POR, NS

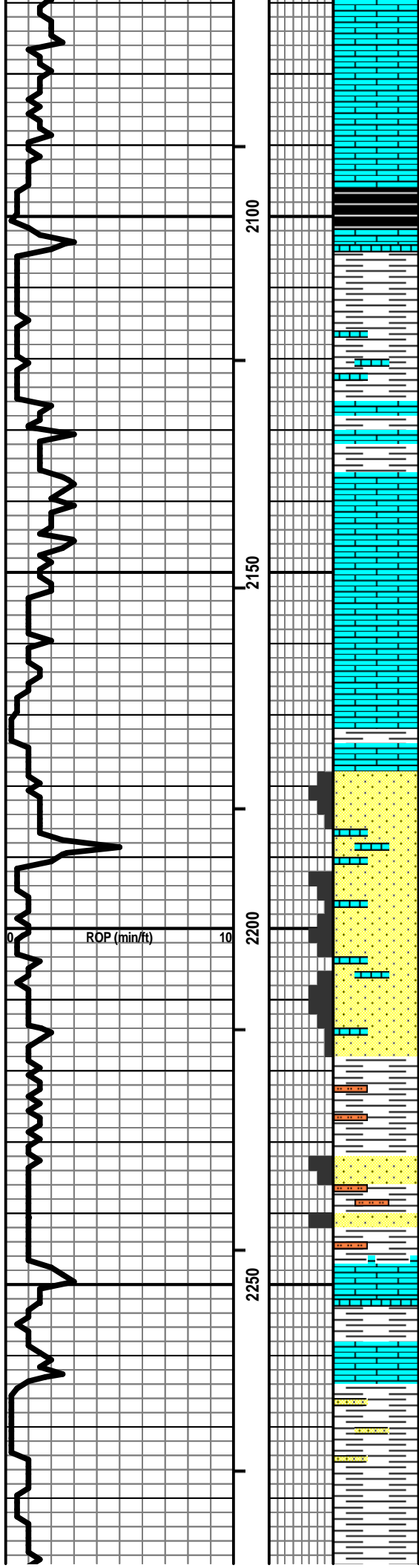
SS - AS ABOVE, SL / ABNT LS FRAG IN PT W/ SCAT LS - TAN / CRM, F XLN, AREN, SL FOSS, NS

SS - GY, AS ABOVE W/ SH - GY / GRN

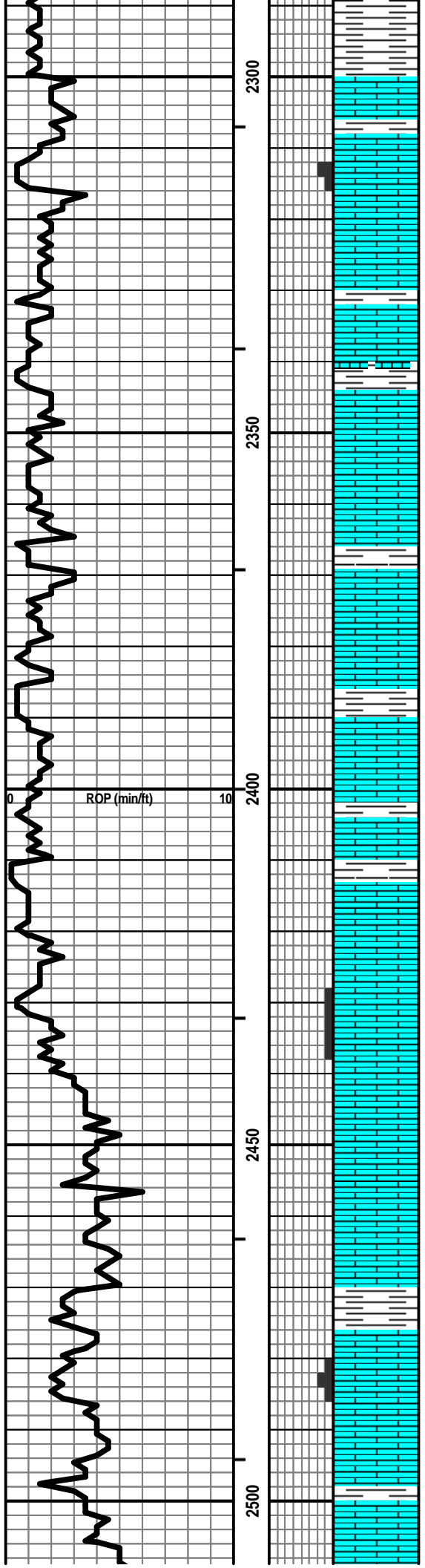
SH - GY / SCAT GRN, SLTY IN PT W/ SCAT SS - AS ABOVE

LS - CRM / TAN / BRN, MOT IN PT, VF / F XLN, FOSS, PRED DNS, NS W/ SH - GY / GRN, SLTY IN PT, FOSS IN PT

SH - LT / MED / DK GY, SLTY IN PT W/ TR SS - AS ABOVE, NS



LANSING 2300 (-732)



LS - CRM / TAN, VF / F XLN, OOL + FOSS IN PT, PRED DNS, NS W/ SH - AS ABOVE

LS - CRM / LT GY / WHT, VF / F XLN, OOL, SCAT P OOM POR, SCAT CHKY, PRED DNS, NS

LS - CRM / TAN / SCAT GY, VF / F XLN, FOSS IN PT, SCAT CHKY, PRED DNS, NS

LS - CRM / TAN, VF / F XLN, SCAT REXLN CALC, FOSS, SCAT OOL, CHKY IN PT, PRED DNS, NS

NO SAMPLES - DID NOT CFS PRIOR TO TRIP

LS - CRM / GY, F XLN, TR FOSS, SCAT P INTXLN POR, PRED DNS, NS

LS - TAN / BRN, VF / F XLN, TR FOSS, PRED DNS, NS

LS - CRM / SCAT TAN, F XLN, FNLY OOL, FOSS IN PT, SCAT P INTXLN POR, SCAT CHKY, PRED DNS, NS

BIT TRIP @ 2,432'

DRLG WITH BIT #3: 7-7/8" CONV RR;
HTC HX518; JETS: 20-24-28

LS - TAN / CRM / BRN, VF / F XLN, FOSS IN PT, SCAT OOL,
CHKY IN PT, PRED DNS, NS

LS - CRM / TAN, F XLN, OOL, FOSS IN PT, F / G OOM +
INTXLN POR, SCAT CHKY / DNS, NS

LS - TAN / CRM / SCAT BRN, VF / F XLN, SL FOSS, SCAT
OOL, PRED DNS, NS

LS - TAN / CRM / BRN, MOT IN PT, VF / F XLN, SL FOSS,
SCAT CHKY, PRED DNS, NS

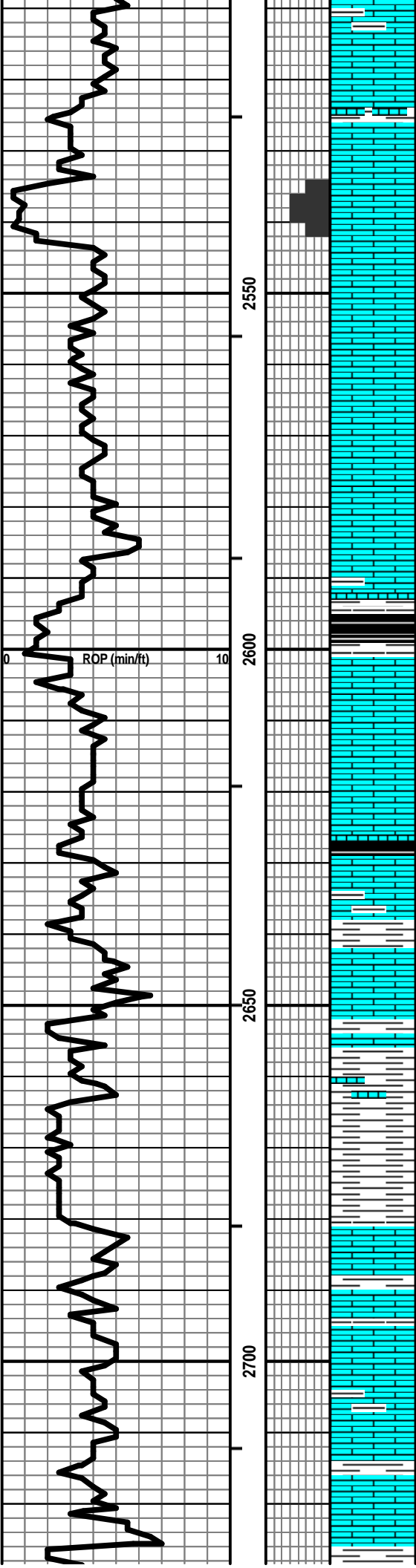
LS - GY / CRM, F XLN, OOL, SCAT P OOM POR, SCAT VP /
NO INTXLN POR, NS W/ LS - CRM / TAN, VF / F XLN,
SUBCHKY IN PT, PRED DNS, NS

LS - TAN / CRM / BRN, VF / F XLN, SCAT FOSS + OOL, SCAT
CHKY, PRED DNS, NS W/ SH - GY / SCAT GRN

SH - MED / DK GY W/ SCAT LS - AS ABOVE

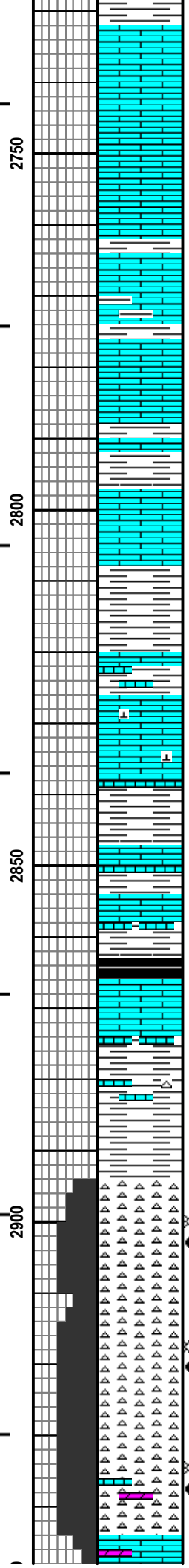
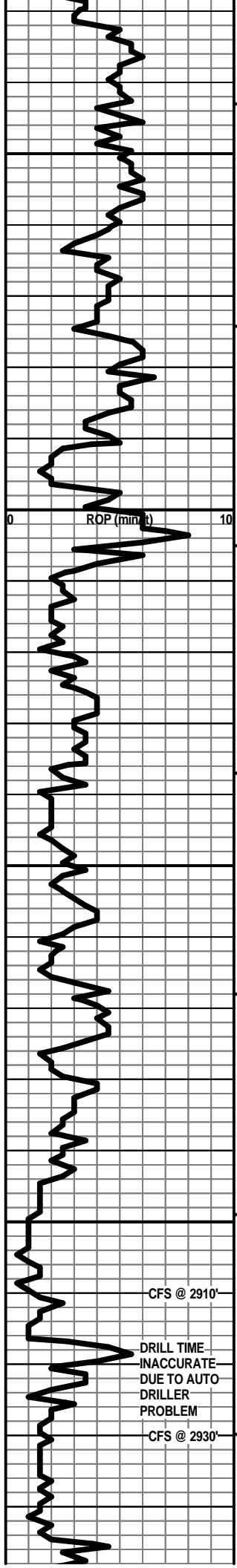
LS - TAN / BRN, F XLN, SCAT M / C REXLN CALC, FOSS IN
PT, PRED DNS, NS W/ LS - CRM / LT GY, VF / F XLN, TR
FOSS, CHKY IN PT, PRED DNS, NS

LS - CRM / TAN, F XLN, SL FOSS, PRED DNS, NS W/ SH - LT
/ MED / DK GY, CALC IN PT



Vis: 34, Wt: 9.3, LCM: 2#

BASE OF KC 2656 (-1088)



LS - CRM / TAN / SCAT BRN, MOT IN PT, F / M XLN, FOSS IN PT, PRED DNS, NS

LS - TAN / BRN / CRM, VF / F XLN, OOL, SL FOSS, PRED DNS, NS W/ SH - LT / DK GY / SCAT GRN

LS - GY / TAN, VF / F XLN, SL FOSS, SUBCHKY IN PT, PRED DNS, NS W/ SH - LT / DK GY

LS - TAN / CRM, VF / F XLN, SCAT REXLN CALC, SL FOSS, PRED DNS, NS W/ SCAT CHT - LT GY / CRM W/ SH - LT / DK GY / SCAT GRN

SH - LT / DK GY / GRN W/ LS - GY / TAN / SCAT BRN VF / F XLN, SL FOSS IN PT, SCAT ARGIL, PRED DNS, NS

LS - TAN / SCAT GY, VF / F XLN, SL FOSS IN PT, PRED DNS, NS SH - GY / RED / YEL / GRN W/ SCAT PYR W/ TR CHT, NS

SH - GY / RED / YEL / GRN

CHT - WHT / CRM / SCAT LT GY, 30% F / G POR, SCAT TRIP, SL / F SGB, SL / SCAT F SFO, F / G ODOR, SCAT SPTY STN, P / G FLOUR + CUT

CHT - WHT / CRM, 30% F / G POR, SCAT TRIP, SL / G SGB + FO, G ODOR, SCAT SPTY STN, P / G FLOUR + CUT

CHT - AS ABOVE, POR + SHOW AA W/ LS - CRM / TAN, DOLOMITIC, F XLN, SUCR, PRED F INTXLN POR, SCAT G POR, F / G SGB + FO, G ODOR, SPTY / SCAT SAT STN, F / G FLOUR + CUT

BIT TRIP @ 2,803'

CHEROKEE 2808 (-1240)

DRLG WITH BIT #4: 7-7/8" CONV;
HTC GX23; JETS: 24-24-28

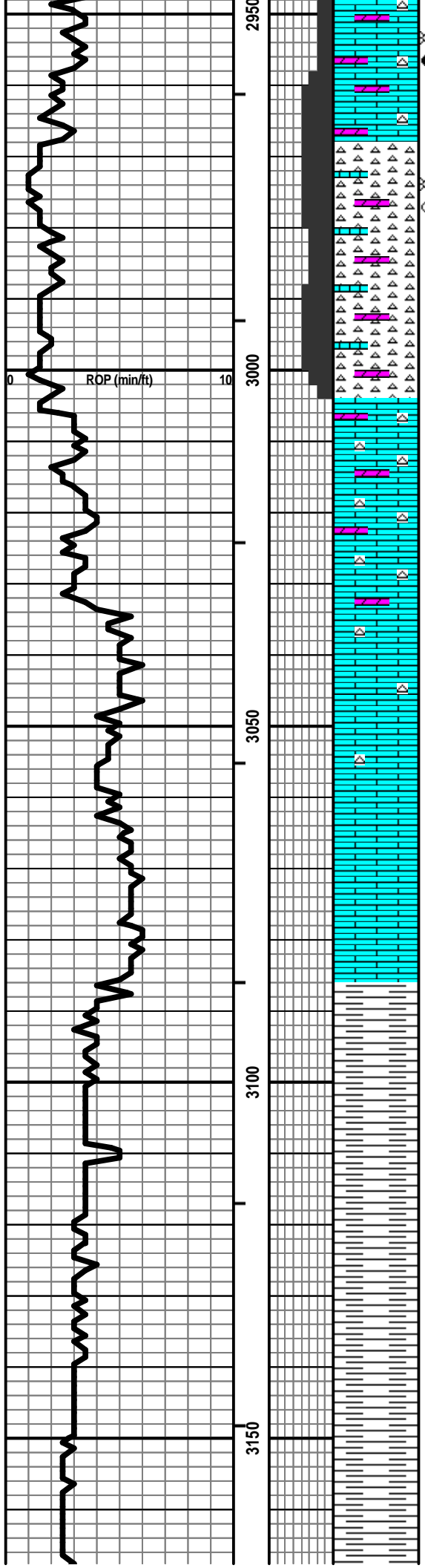
Vis: 37, Wt: 9.1, YP: 14,
GelS: 1/2, pH: 9.0, WL: 9.6,
Chl: 900, LCM: 2.5#

MISSISSIPPIAN 2894 (-1326)

CFS @ 2910'

DRILL TIME INACCURATE DUE TO AUTO DRILLER PROBLEM

CFS @ 2930'



LS - CRM / TAN, DOLO IN PT, F / TR M XLN, OOL IN PT, F
 INTXLN POR IN PT, F / G SGB + FO, G ODOR, SPTY / SAT
 STN, P / G FLOUR + CUT W/ CHT - WHT / CRM, P / NO VIS
 POR, P / NS

Vis: 35, Wt: 9.3, LCM: 3#

CHT - WHT / CRM / LT GY, SL WEATH IN PT, P / NO VIS POR,
 NS W/ LS - CRM / TAN, F XLN, PRED DOLO, SUCR, F
 INTXLN POR IN PT, SL SGB IN PT, SL / F SFO IN PT, FT
 ODOR, SPTY STN IN PT, P / G FLOUR + CUT

LS - CRM / SCAT TAN, VF / F XLN, SCAT DOLO, SCAT
 SUCR, SUBCHKY IN PT, P / NO VIS POR, PRED NS W/ CHT -
 WHT / LT GY, NO VIS POR, NS, NO ODOR

LS - CRM / TAN, F / M XLN, FOSS IN PT, SUBCHKY IN PT,
 PRED DNS, NS W/ SCAT CHT - WHT / LT GY, VIT, NS

Vis: 38, Wt: 9.1, LCM: 4#

LS - TAN / CRM / SCAT BRN, VF / F / SCAT M XLN, TR FOSS,
 PRED DNS, NS

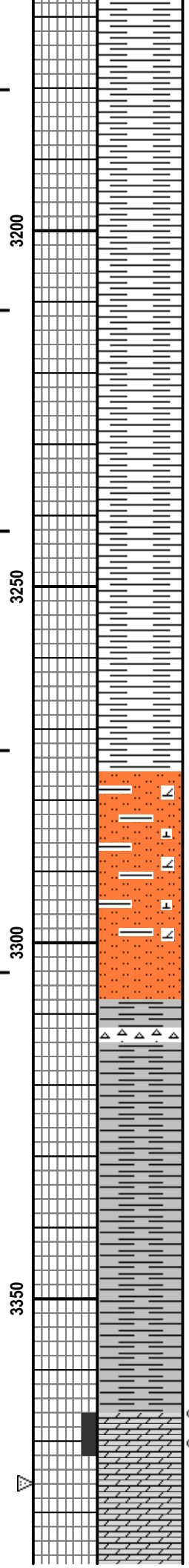
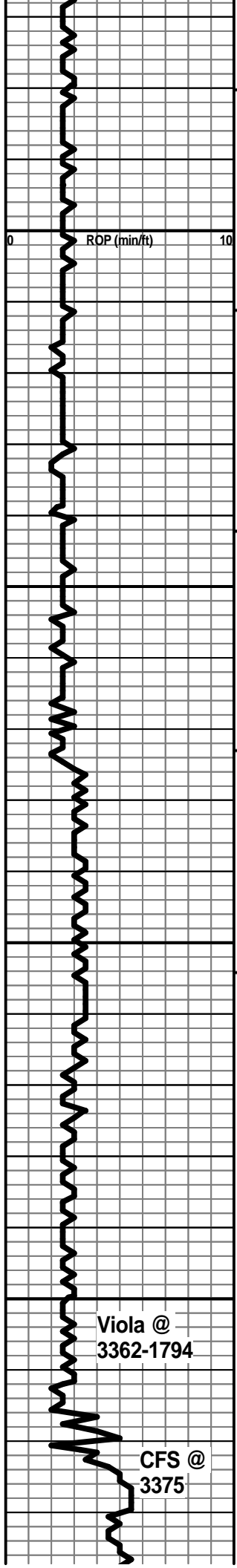
KINDERHOOK 3086 (-1518)

SH - MED / DK GY / SCAT GRN

SH - LT / MED / SCAT DK GY / SCAT GRN

Vis: 38, Wt: 9.1, YP: 12,
 GelS: 1/2, pH: 9.0, WL: 9.4,
 Chl: 800, LCM: 2#

SH - LT / MED / SCAT DK GY / SCAT GRN, SLTY IN PT



SH - LT / MED / SCAT DK GY / SCAT GRN, SLTY IN PT

SH - LT / MED / SCAT DK GY / SCAT GRN, SLTY IN PT

SLTST - GY / TAN, CALC / DOLO, ARGIL IN PT W/ SH - AS ABOVE

**Chert: white, fresh, sharp.
Siltstone: light gray, poor intergranular porosity, Shale: gray, dense**

Shale: gray to gray/green, soft mushy in part

Shale: green, subwaxy,

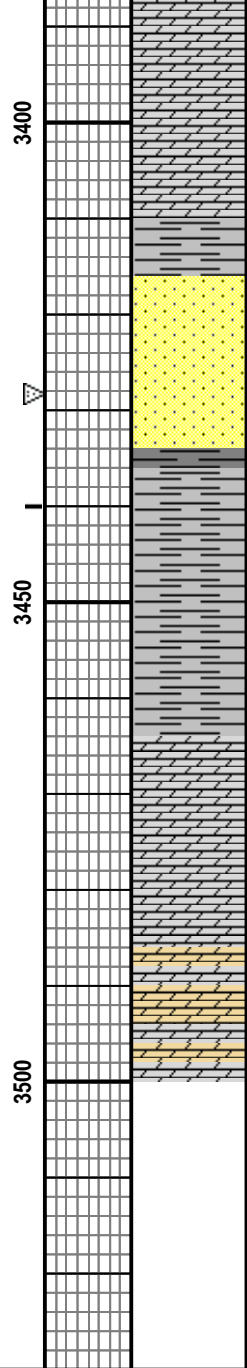
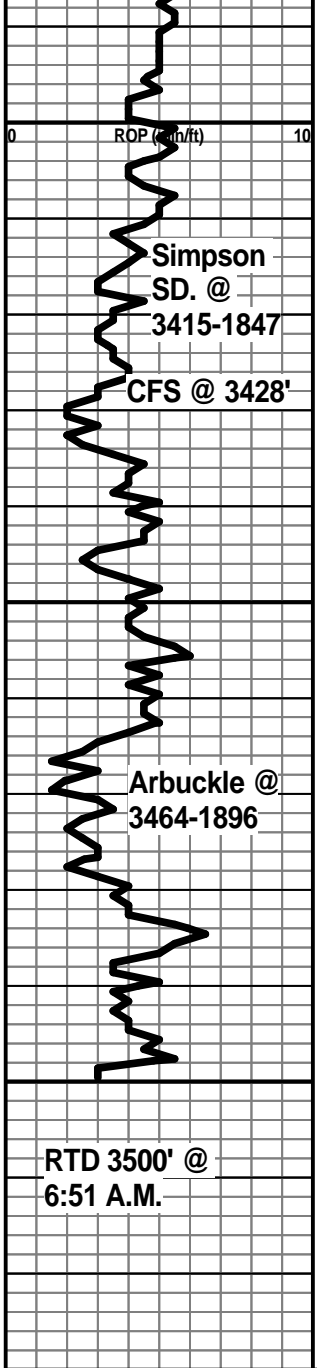
Shale: red to gray and green

Dolomite: light gray/white, coarsexn, good visable porosity, spotted oil stain, fair odor from sample,

Vis: 36, Wt: 9.3, LCM: 2.5#

Viola @
3362-1794

CFS @
3375



Dolomite: cream to brown/cream, fine granular in part to microgranular, poor intergranular porosity,

Shale: blue green

SD. STN: light brown to scattered heavy brown, fine grain, poorly sorted, subrounded, poor to fair intergranular porosity, no fluorescence, sct fair show of lazey oil, faint odor,

Shale: gray to green, sct red argillaceous in part

Dolomite: gray/brown, fine granular, poor intergranular porosity, no show

Dolomite: light gray, very fine granular, poor intergranular porosity, very dense, dark gray oolitic in part with visable oolitic porosity