



KANSAS CORPORATION COMMISSION 1059634  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009

Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5399  
Name: American Energies Corporation  
Address 1: 155 N MARKET STE 710  
Address 2: \_\_\_\_\_  
City: WICHITA State: KS Zip: 67202 + 1821  
Contact Person: Mindy Wooten  
Phone: ( 316 ) 201-1134  
CONTRACTOR: License # 5399  
Name: American Energies Corporation  
Wellsite Geologist: David Goldak  
Purchaser: NCRA

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 #: \_\_\_\_\_

<u>05/10/2011</u>	<u>05/15/2011</u>	<u>06/03/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-113-21346-00-00

Spot Description: W/2 E/2 NW SE

W2\_E2\_NW\_SE Sec. 11 Twp. 19 S. R. 2  East  West

1980 Feet from  North /  South Line of Section

1815 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: McPherson

Lease Name: Mastre Trust Well #: 1-11

Field Name: Ritz Canton

Producing Formation: Viola

Elevation: Ground: 1561 Kelly Bushing: 1570

Total Depth: 3500 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 203 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: 1000 ppm Fluid volume: 500 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

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: Deanna Garrison Date: 07/21/2011



1059634

Operator Name: American Energies Corporation Lease Name: Mastre Trust Well #: 1-11  
 Sec. 11 Twp. 19 S. R. 2  East  West County: McPherson

**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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name Attached	Top Attached	Datum Attached
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

List All E. Logs Run:

Compensated Neutron PEI Density MICRO  
Dual Induction Resistivity Log

CASING RECORD <input checked="" 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
Surface	12.25	8.6250	23	203	Class A	140	3% CC, 2% Gel, 1/4% Flosea
Production	7.8750	5.5	15.5	3497	60/40 Poz Mix	105	5# Kol-seal/sx

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
4	Viola	500 gallons 15% NEFE	3369-3371
4	Mississippian		2900-2904
4	Mississippian	500 gallons 15% MCA	2912-2916
	Cast Iron Bridge Plug		3060

TUBING RECORD:	Size: <u>2.8750</u>	Set At: <u>2857</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>06/20/2011</u>	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain) <u>Submersible</u>			
Estimated Production Per 24 Hours	Oil Bbls. <u>2</u>	Gas Mcf	Water Bbls. <u>1000</u>	Gas-Oil Ratio Gravity

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 (Specify) _____	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

ENTD 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 \_\_\_\_\_

BARTLESVILLE, OK 918/338-0808    EL DORADO, KS 316/322-7022    EUREKA, KS 620/583-7664    GILLETTE, WY 307/686-4914    OAKLEY, KS 785/672-2227    OTTAWA, KS 785/242-4044    THAYER, KS 620/839-5269    WORLAND, WY 307/347-4577



**CONSOLIDATED**  
Oil Well Services, LLC

**ENTERED**

TICKET NUMBER 30519

LOCATION Eureka

FOREMAN Steve Arnd

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 Energy Corporation			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 155 N. Market Ste. 710			485	Alan		
CITY Wichita			442	Clay (Eiderade)		
STATE KS						
ZIP CODE 67203						

JOB TYPE Surface 0 HOLE SIZE 12 1/4 HOLE DEPTH 213' CASING SIZE & WEIGHT 8 5/8  
 CASING DEPTH 213' 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 at 14.2# per gal. Displace with 12.4 bbls fresh water shut well in. Good cement returns to surface. 12 bbls slurry to bit. Job complete. Rig down.

*Thank you*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	725.00	725.00
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	Van Mileage Bulk Truck	1.26	414.54
REC'D MAY 20 2011			Subtotal	3796.64
			SALES TAX 7.3%	175.28
			ESTIMATED TOTAL	3965.92

Revin 3737

AUTHORIZATION

241307  
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  
P.O. Box 884  
Chanute, KS 66720  
620/431-9210 • 1-800/467-8676  
FAX 620/431-0012

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  
11-19S-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

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 \_\_\_\_\_

REC'D MAY 20 2011

Date \_\_\_\_\_

BARTLESVILLE, Ok  
918/338-0808

ELDORADO, KS  
316/322-7022

EUREKA, KS  
620/583-7664

GILLETTE, WY  
307/686-4914

OAKLEY, KS  
785/672-2227

OTTAWA, KS  
785/242-4044

THAYER, KS  
620/839-5269

WORLAND, WY  
307/347-4577



# 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
<b>REMIT TO:</b> P.O. BOX 438 HAYSVILLE, KS 67060		<b>FUEL SURCHARGE IS NOT TAXABLE AND IS ADDED TO MILEAGE, PUMP AND OR DELIVERY CHARGES ONLY.</b>		Net Invoice: 1,385.00		
RECEIVED BY _____				MCPCO Sales Tax: 40.15		
				<b>Invoice Total: 1,425.15</b>		
		<b>NET 30 DAYS</b>				

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 36352

BOX 438 • HAYSVILLE, KANSAS 67060  
316-524-1226

DATE 6/6 2011

IS AUTHORIZED BY: American Energy  
(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		556.00
	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		
			<b>TOTAL BILLING</b>	<b>\$1385.00</b>

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. Sitter

Station GB

T. Sitter  
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 (820) 463-5161  
 GREAT BEND, KS (620) 793-3366  
 FAX (820) 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
<b>REMIT TO:</b> P.O. BOX 438 HAYSVILLE, KS 67060		<b>COP</b>		Net Invoice:		1,350.00
<b>RECEIVED BY</b>		<b>NET 30 DAYS</b>		MCPCO Sales Tax:		40.15
				<b>Invoice Total:</b>		<b>1,390.15</b>
<p>FUEL SURCHARGE IS NOT TAXABLE AND IS ADDED TO MILEAGE, PUMP AND OR DELIVERY CHARGES ONLY.</p>						

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 \_\_\_\_\_ By \_\_\_\_\_  
Well Owner or Operator 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
		<b>TOTAL BILLING</b>		<b>1350</b>

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. Sitar

Station \_\_\_\_\_ T. Davis  
Well Owner, Operator or Agent

Remarks \_\_\_\_\_

**NET 30 DAYS**



TREATMENT REPORT

Acid Stage No. \_\_\_\_\_

Date: 6/18/11 District: GB F. O. No. 36396  
 Company: American Energies  
 Well Name & No.: MASTEE 1-11  
 Location: \_\_\_\_\_ Field: \_\_\_\_\_  
 County: Mcpherson State: KS  
 Casing: Size 5 1/2 Type & Wt. \_\_\_\_\_ Net at \_\_\_\_\_ ft.  
 Formation: V.O.P Perf. 2900 to 2904 ft.  
 Formation: V.O.P Perf. 2912 to 2916 ft.  
 Formation: \_\_\_\_\_ Perf. \_\_\_\_\_ to \_\_\_\_\_ ft.  
 Liner: Size \_\_\_\_\_ Type & Wt. \_\_\_\_\_ Top at \_\_\_\_\_ ft. Bottom at \_\_\_\_\_ ft.  
 Cemented: Yes/No \_\_\_\_\_ Perforated from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 Tubing: Size & Wt. 2 7/8 Run in at \_\_\_\_\_ ft.  
 Perforated from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 (When Hole Size \_\_\_\_\_ T. I. \_\_\_\_\_ ft. P. U. to \_\_\_\_\_ ft.)

Type Treatment: Aml. \_\_\_\_\_ Type Fluid \_\_\_\_\_ Sand Size \_\_\_\_\_ Pounds of Sand \_\_\_\_\_  
 Breakdown \_\_\_\_\_ Bbl. /Gal. \_\_\_\_\_  
 \_\_\_\_\_ Bbl. /Gal. \_\_\_\_\_  
 \_\_\_\_\_ Bbl. /Gal. \_\_\_\_\_  
 \_\_\_\_\_ Bbl. /Gal. \_\_\_\_\_  
 Flush \_\_\_\_\_ Bbl. /Gal. \_\_\_\_\_  
 Treated from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. No. ft. \_\_\_\_\_  
 from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. No. ft. \_\_\_\_\_  
 from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. No. ft. \_\_\_\_\_  
 Actual Volume of Oil/Water to Load Hole: \_\_\_\_\_ Bbl. /Gal. \_\_\_\_\_  
 Pump Trucks: No. Used: Std. \_\_\_\_\_ Bbl. \_\_\_\_\_ Twin \_\_\_\_\_  
 Auxiliary Equipment \_\_\_\_\_  
 Packer: \_\_\_\_\_ Set at \_\_\_\_\_ ft.  
 Auxiliary Tools \_\_\_\_\_  
 Plugging or Sealing Materials: Type \_\_\_\_\_

Company Representative: TRAVIS Treater: Tim Decker

TIME a.m. / p.m.	PRESSURES		Total Fluid Pumped	REMARKS
	Tubing	Casing		
8:00				on location 500 gal 15 to MCA
	200		15	start acid loaded 15 BBL's 200 <sup>#</sup>
	400		16 1/2	Break at 400 <sup>#</sup>
	200		17	break at 2 7/8 BPM 200 <sup>#</sup>
8:45	0		47	total load 42 BBL's Insp vac
				Job Complete

# 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

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### 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		Sltysch
	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		Sltst		Sltstn		

### ACCESSORIES

<b>MINERAL</b>		Salt		Fossil		Clystn
	Anhy		Sandy		Dol	
	Arggrn		Silt		Grysh	
	Arg		Sil		Gryslt	
	Bent		Sulphur		Lms	
	Bit		Tuff		Sandylms	
	Brecfrag		Chlorite		Sh	
	Calc		Dol		Sltstn	
	Carb		Sand			
	Chtdk		Sty	<b>TEXTURE</b>		
	Chtlt				Boundst	
	Dol	<b>FOSSIL</b>			Chalky	
	Feldspar		Algae		Cryxln	
	Ferrpel		Amph		Earthy	
	Ferr		Belm		Finexln	
	Glau		Bioclst		Grainst	
	Gyp		Brach		Lithogr	
	Hvymin		Bryozoa		Microxln	
	Kaol		Cephal		Mudst	
	Marl		Coral		Packst	
	Minxl		Crin		Wackest	
	Nodule		Echin			
	Phos		Fish	<b>STRINGER</b>		
	Pyr		Foram		Anhy	
					Arg	
					Bent	
					Coal	
					Dol	
					Gyp	
					Ls	
					Mrst	
					Sltstrg	
					Ssstrg	
					Carbsh	

### OTHER SYMBOLS

<b>POROSITY TYPE</b>	<b>SORTING</b>	<b>OIL SHOWS</b>		Dst	
	Earthy		Even	<b>EVENTS</b>	
	Fenest		Spotted		Rft
	Fracture		Ques		Sidewall
	Inter		Dead		Conn
	Moldic		Gas show		
	Organic				
	Pinpoint	<b>INTERVALS</b>			
	Vuggy		Core		
	<b>ROUNDING</b>		Dst		

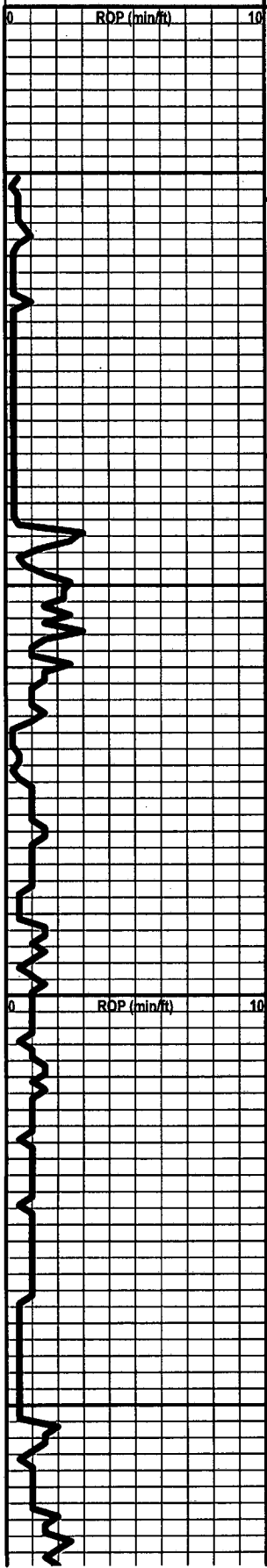
Curve Track 1  
ROP (min/ft)

Depth  
Porosity  
24%  
18%  
12%  
6%

Lithology  
Oil Shows

Geological Descriptions

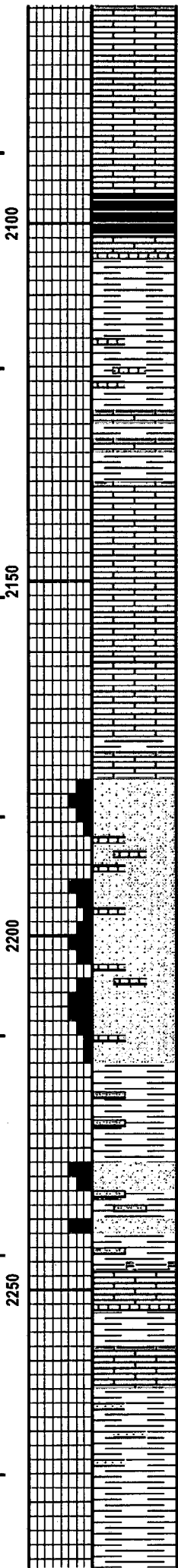
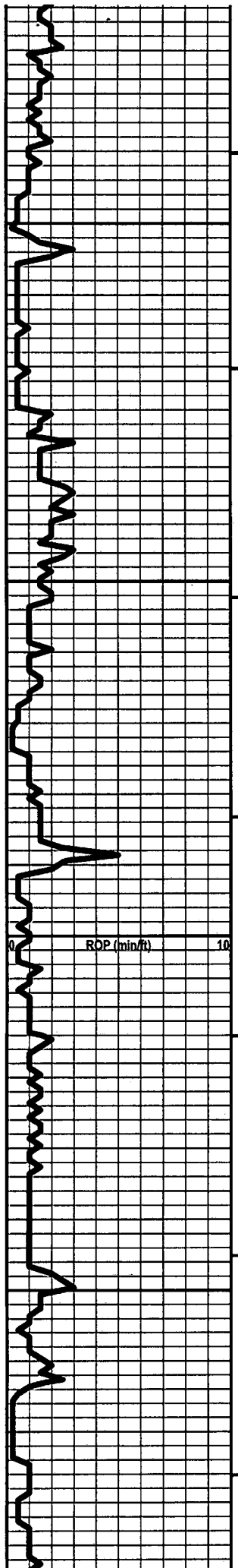
Remarks



DRLG WITH BIT #2: 7-7/8" PDC RR;  
Geo Diamond GR535; JETS: 6-16s  
MUD CHECK @ 1219': Wt: 8.9, pH: 8.0, Chl: 1300

Vis: 32, Wt: 9.2, LCM: 2#





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 SRD, 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

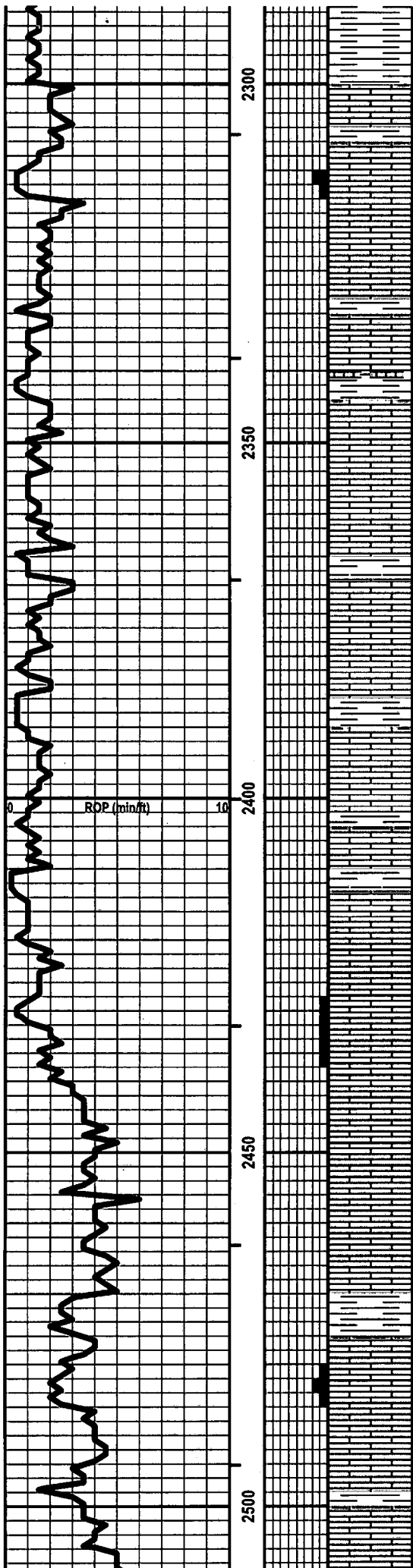
SS - GY, AS ABOVE W/ SH - GY / GRN

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

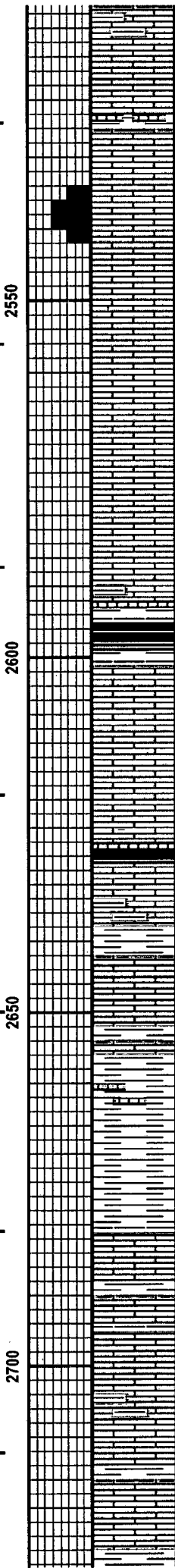
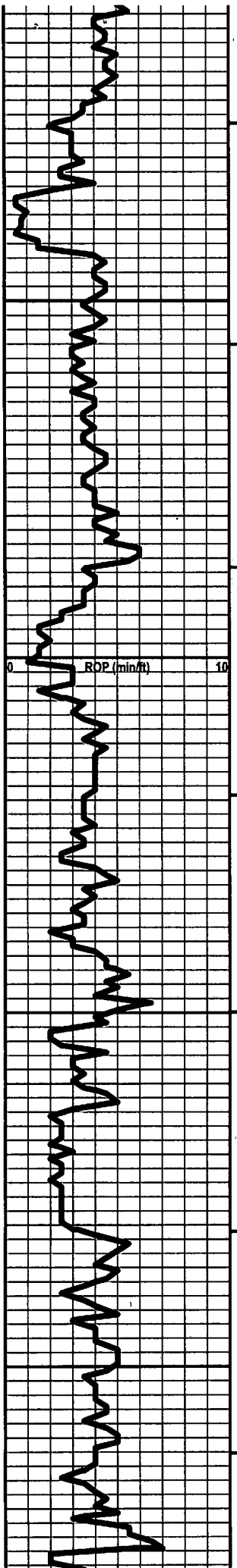
LS - CRM / GY, F XLN, TR FOSS, SCAT P INTXLN POR, PRED DNS, NS

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 HX516; 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

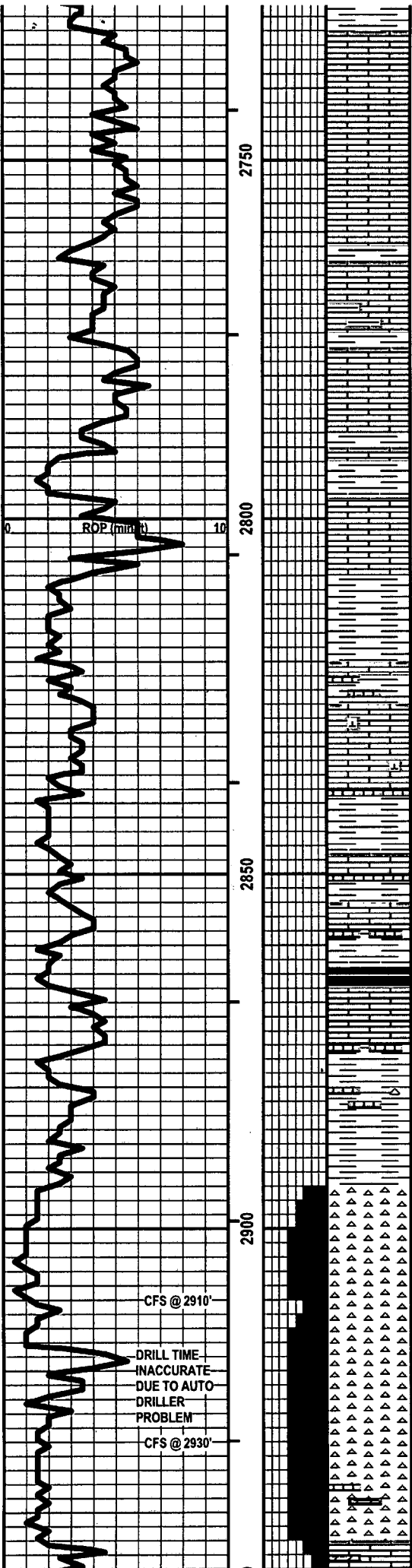
SH - MED / DK GY W/ SCAT LS - AS ABOVE

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

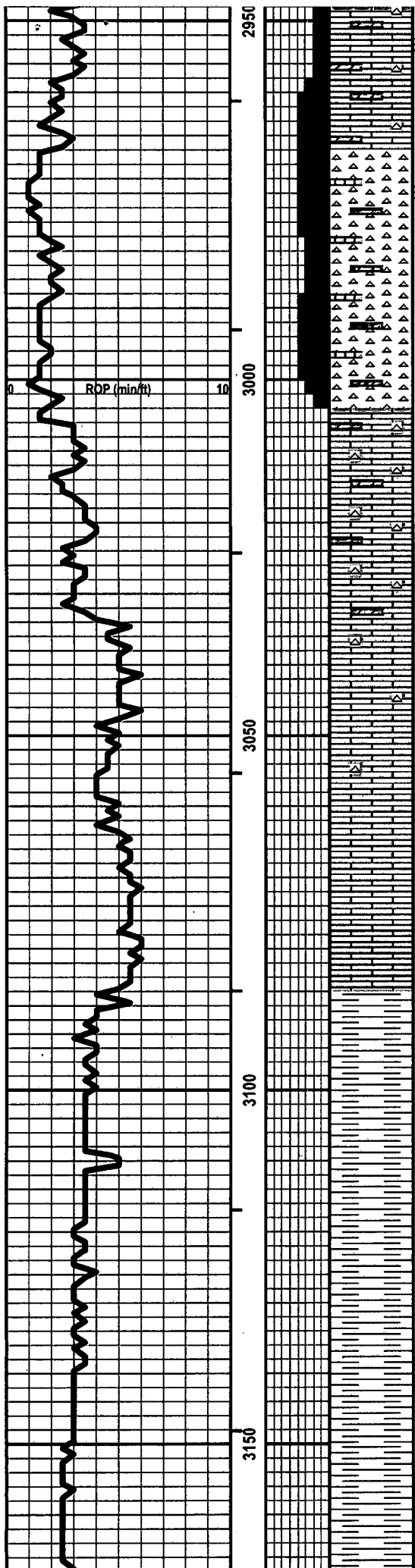
BIT TRIP @ 2,803'

### 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)



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

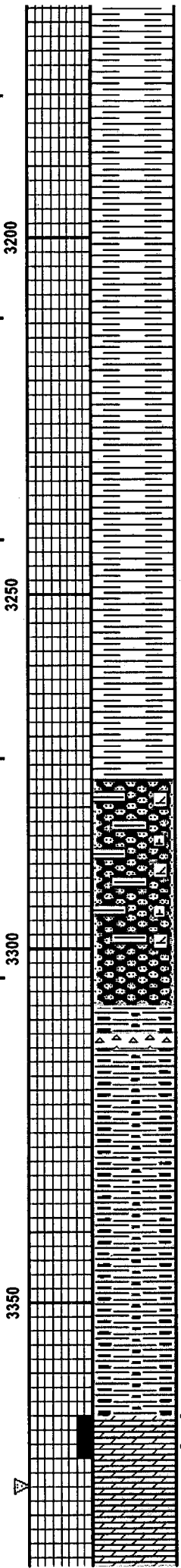
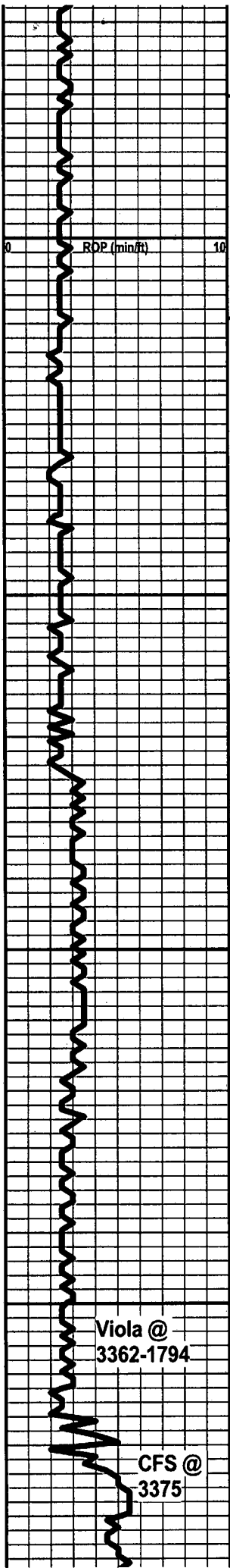
KINDERHOOK 3086 (-1518)

SH - MED / DK GY / SCAT GRN

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

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

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

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,

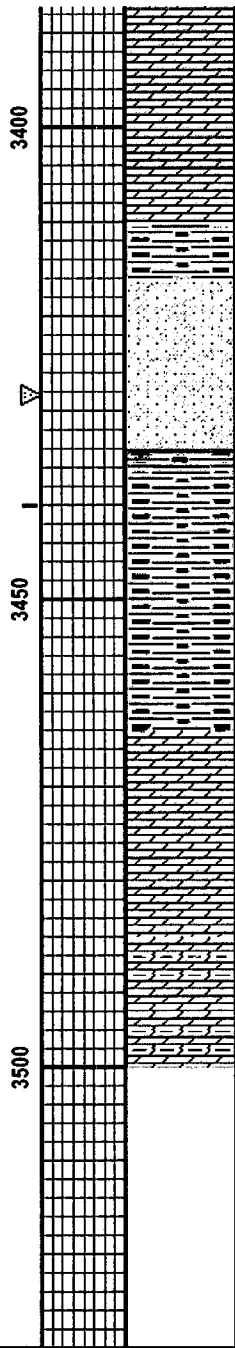
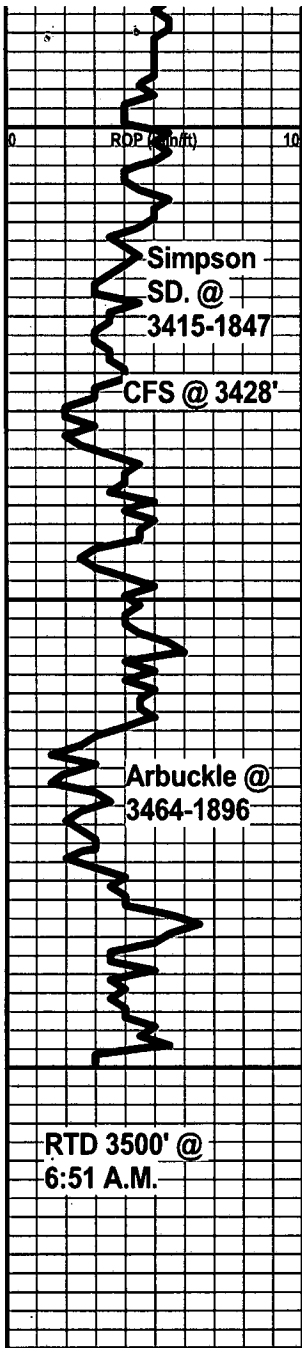
Shale: red to gray and green

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

Viola @  
3362-1794

CFS @  
3375

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



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 lazy 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