



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1176981  
OIL & GAS CONSERVATION DIVISION

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 # \_\_\_\_\_

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
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
-----------------------------------	-----------------	---

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

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx)      (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical 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

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1176981

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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 <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  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
--	---

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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
----------------	-------	---------	------------	---

Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
--	--	---



SAMPLE TOPS  
McCoy Petroleum  
Stone Trust 'A'  
C NW SW  
1980'FSL & 660'FWL  
Sec 24-32s-10w  
KB: 1445'

	Depth	Datum
Heebner	3398	-1953
Lansing	3627	-2182
Kansas City	3904	-2459
Stark	4066	-2621
Hushpuckney	4094	-2649
BKC	4124	-2679
Pawnee	4242	-2797
Cherokee	4290	-2845
Miss.	4327	-2882
Miss. Pors.	4354	-2909
RTD	4475	-3030

LOG TOPS  
SAMPLE TOPS  
McCoy Petroleum  
Stone Trust 'A'  
C NW SW  
1980'FSL & 660'FWL  
Sec 24-32s-10w  
KB: 1445'

	Depth	Datum
Heebner	3389	-1944
Lansing	3628	-2183
Kansas City	3905	-2460
Stark	4065	-2620
Hushpuckney	4092	-2647
BKC	4122	-2677
Pawnee	4246	-2801
Cherokee	4284	-2839
Miss.	4328	-2883
Miss. Pors.	4374	-2929
LTD	4475	-3030



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

**Well Name:** STONE TRUST A #3-24  
**Location:** NW - SW of Sec. 24 - T. 32 S. - R. 10 W.  
**License Number:** A.P.I. # 15 - 007 - 24,085 - 00 - 00  
**Spud Date:** 10/03/2013  
**Surface Coordinates:** SPOT: 660' FWL & 1980' FSL

**Region:** BARBER CO., KS.  
**Drilling Completed:** 10/09/2013

**Bottom Hole  
Coordinates:**  
**Ground Elevation (ft):** 1436'                      **K.B. Elevation (ft):** 1445'  
**Logged Interval (ft):** 224'                      **To:** 4475'                      **Total Depth (ft):** 4475'  
**Formation:** MISSISSIPPIAN "OSAGE"  
**Type of Drilling Fluid:** CHEMICAL/POLYMER/GEL. & MUD DISPLACEMENT @ 2988'.  
Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

**OPERATOR**

**Company:** McCOY PETROLEUM CORPORATION KCC LIC. NO. # 5003  
**Address:** 8080 E. CENTRAL, STE. 300  
WICHITA, KANSAS 67206-2366

**GEOLOGIST**

**Name:** DAVID P. WILLIAMS, P.G. #88 KSBTP  
**Company:** DW ENERGY, LLC  
**Address:** 312 N. BROADVIEW STREET  
WICHITA, KANSAS 67208

**CASING & DEVIATION**

**Surface Casing Data:** Spud at 3:15 pm on 10/03/13. Drilled 12-1/4" hole to 225'. Ran 5 joints of new 23# 8-5/8" surface casing. Tallied 212.35', set at 223.35' KB. Welded straps on bottom 3 joints. Cemented with 225 sks 60/40 POZ; 2% Gel; 3% CC; 1/4# CF. Plug down at 10:45 pm on 10/03/13. Cement did circulate. Quality Cementing ticket #5956.

**Deviation Survey's Taken:** @ 225' = 3/4 degree; @ 4475' =3/4 degree.

**DSTs**

None Taken.


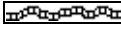
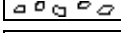

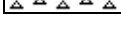
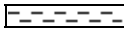









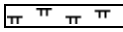


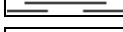
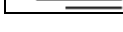
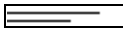


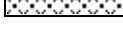
## Comments

After review of all geologic samples as examined, combined and analysis from the electric logs run, it was determined by all parties that production casing should be run in order to further evaluate this well.












































































Respectfully submitted,

David P. Williams, P. G #88 KSBTP



























## ROCK TYPES

 Anhy  Bent  Brec  Carb sh  Cht	 Clyst  Coal  Congl  Dol  Grn sh	 Gry sh  Gyp  Igne  Lmst  Meta	 Mrlst  Red shale  Salt  Shale  Shcol	 Shgy  Sltst  Ss  Till
---	---	---	---	---

## ACCESSORIES

<b>MINERAL</b>  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	<b>FOSSIL</b>  Algae  Amph	 Belm  Bioclst  Brach  Bryozoa  Cephal  Coral  Crin  Echin  Fish  Foram  Fossil  Fuss  Gastro  Oolite  Oomold  Ostra  Pelec	 Pellet  Pisolite  Plant  Strom	 Ssstrg	<b>TEXTURE</b>  Boundst  Chalky  Cryxln  Earthy  Finexln  Grainst  Lithogr  Microxln  Mudst  Packst  Wackest	<b>STRINGER</b>  Anhy  Arg  Bent  Coal  Dol  Gryslt  Gyp  Ls  Mrst  Sltstn  Sltstrg
--	---	--	--	--	--	---	--

## OTHER SYMBOLS

<b>POROSITY</b>  Earthy  Fenest  Fracture  Inter  Moldic  Organic  Pinpoint	 Vuggy	<b>SORTING</b>  Well  Moderate  Poor	<b>ROUNDING</b>  Rounded  Subrnd  Subang  Angular	<b>OIL SHOW</b>  Gas show	 Even  Spotted  Ques  Dead	 Straddle test tail pi  Core	<b>EVENT</b>  Rft  Sidewall	<b>INTERVAL</b>  Dst  Dst_alt
--	---	--	---	---	---	---	---	---

Curve Track 1

ROP (min/ft) ———  
Gamma (API) ·····

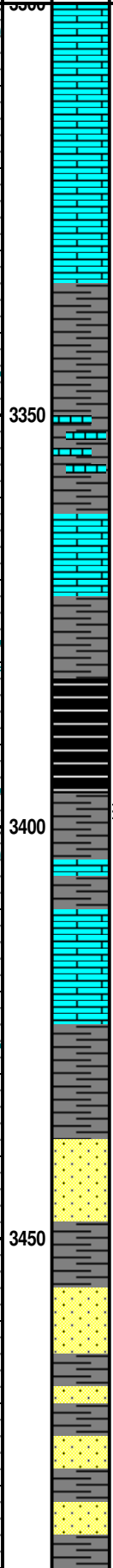
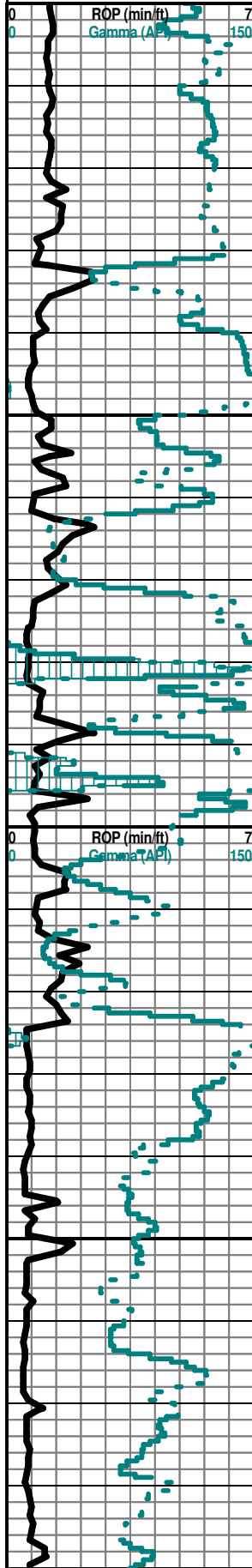
Depth

Geology

Oil Shows

Geological Descriptions

TG, C1-C5  
TG (Units) ———  
C1 (units) ·····



**McCOY PETROLEUM CORPORATION**  
**STONE TRUST "A" # 3-24**  
**SPOT: 660' FWL & 1980' FSL**  
**NW - SW**  
 Sec. 24 - T. 32 S. - R. 10 W.  
**BARBER COUNTY, KANSAS**  
 A.P.I. # 15 - 007 - 24,085 - 00 - 00  
**ELEVATION : 1445' K. B. ; 1436' G. L.**  
**CONTRACTOR: STERLING DRILLING - RIG # 4**  
**Geologist: David P. Williams, P. G. #88**  
 Geologist on location @ (4320') 5:30 PM 10/08/13

Deviation Survey's Taken: @ 225' = 3/4 degree; @ 4475' = 3/4 degree.

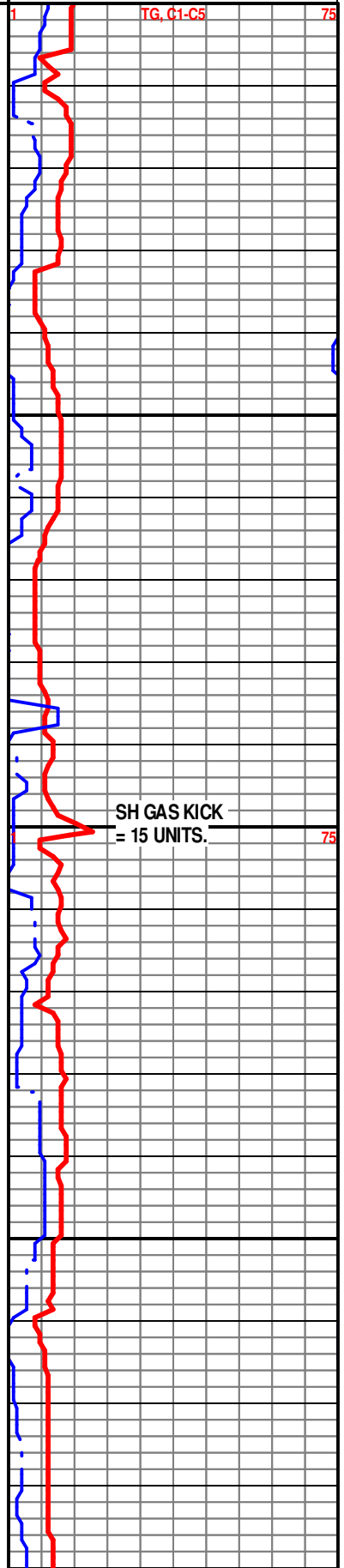
Note: All samples have been lagged to depth by calculated time

\_\_\_\_\_ **HEEBNER SHALE 3389' (- 1944)** \_\_\_\_\_

\_\_\_\_\_ **TORONTO 3404' (-1959)** \_\_\_\_\_

\_\_\_\_\_ **DOUGLAS GROUP 3424' (- 1979)** \_\_\_\_\_

\_\_\_\_\_ **DOUGLAS SAND 3438' (- 1993)** \_\_\_\_\_



SH GAS KICK  
= 15 UNITS.

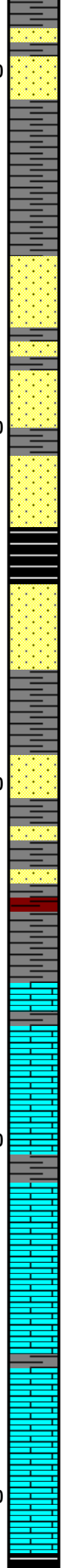
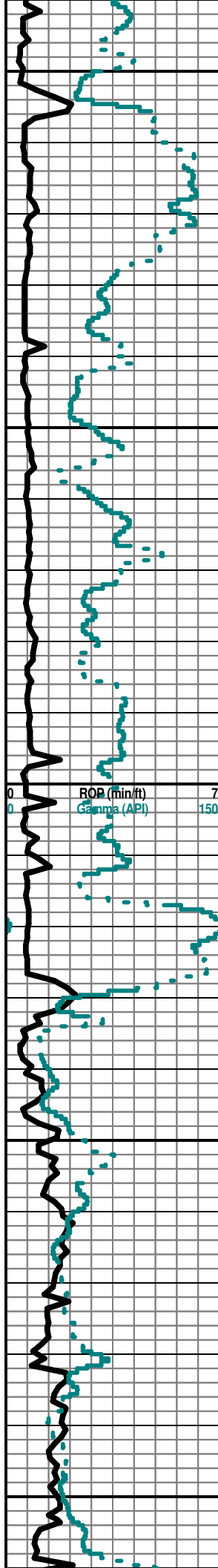
3500

3550

3600

3650

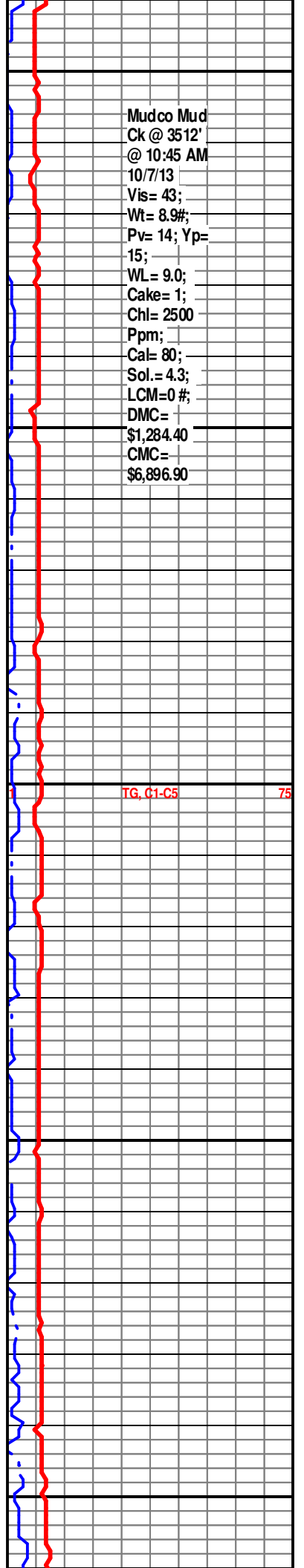
3700



LANSING 3628' (- 2183)

Mudco Mud  
 Ck @ 3512'  
 @ 10:45 AM  
 10/7/13  
 Vis= 43;  
 Wt= 8.9#;  
 Pv= 14; Yp=  
 15;  
 WL= 9.0;  
 Cake= 1;  
 Chl= 2500  
 Ppm;  
 Cal= 80;  
 Sol.= 4.3;  
 LCM=0 #;  
 DMC=  
 \$1,284.40  
 CMC=  
 \$6,896.90

TG, C1-C5 75



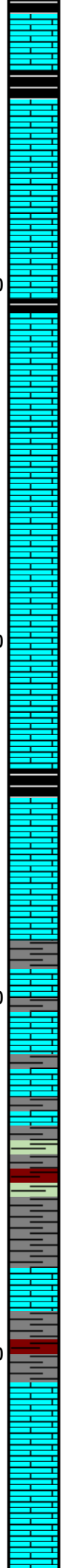
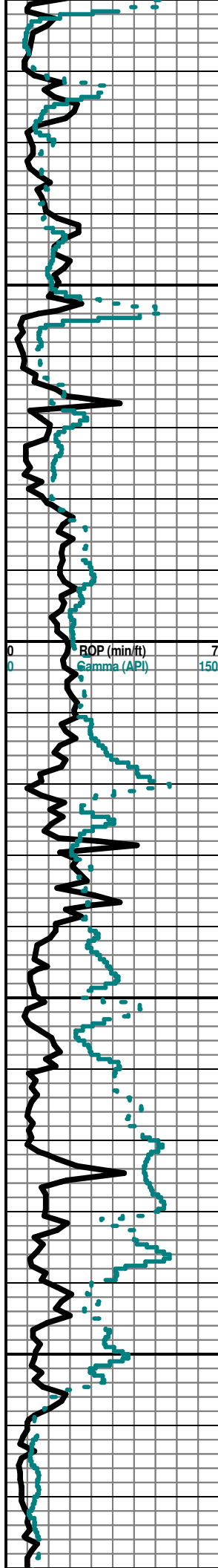


3750

3800

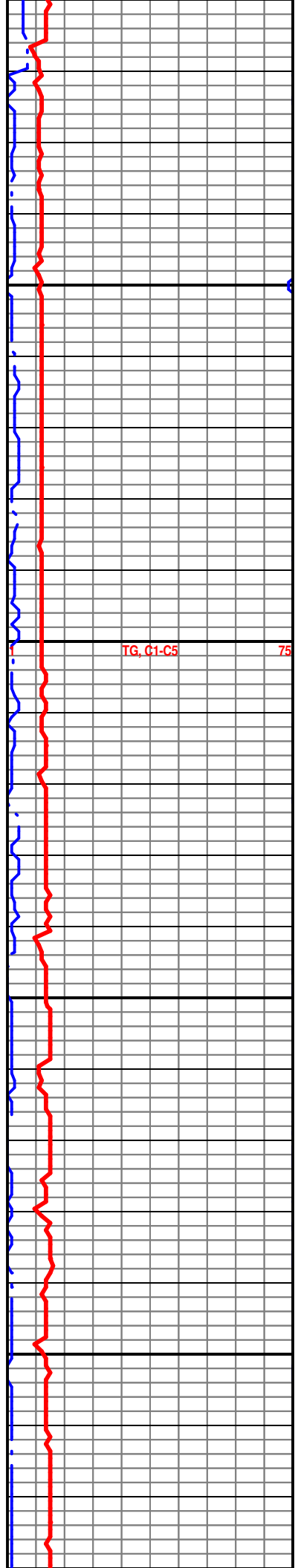
3850

3900

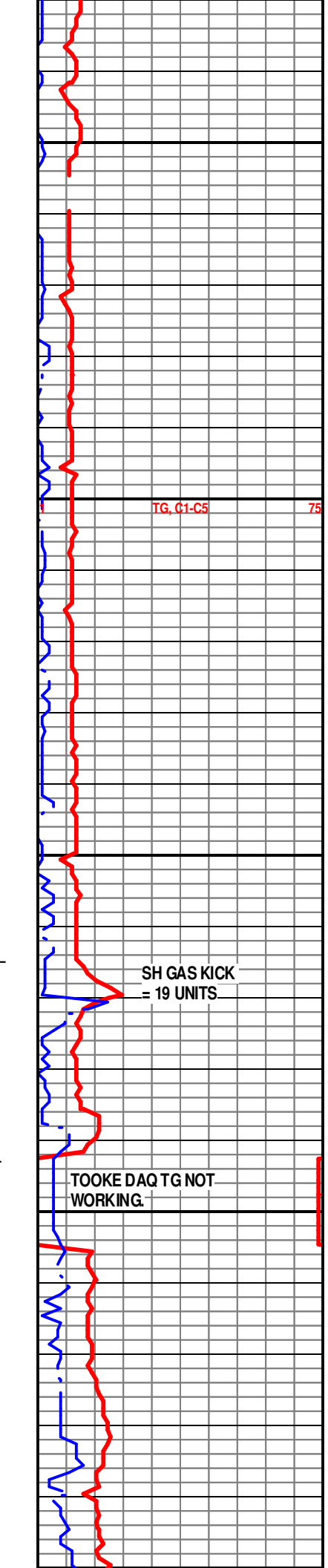
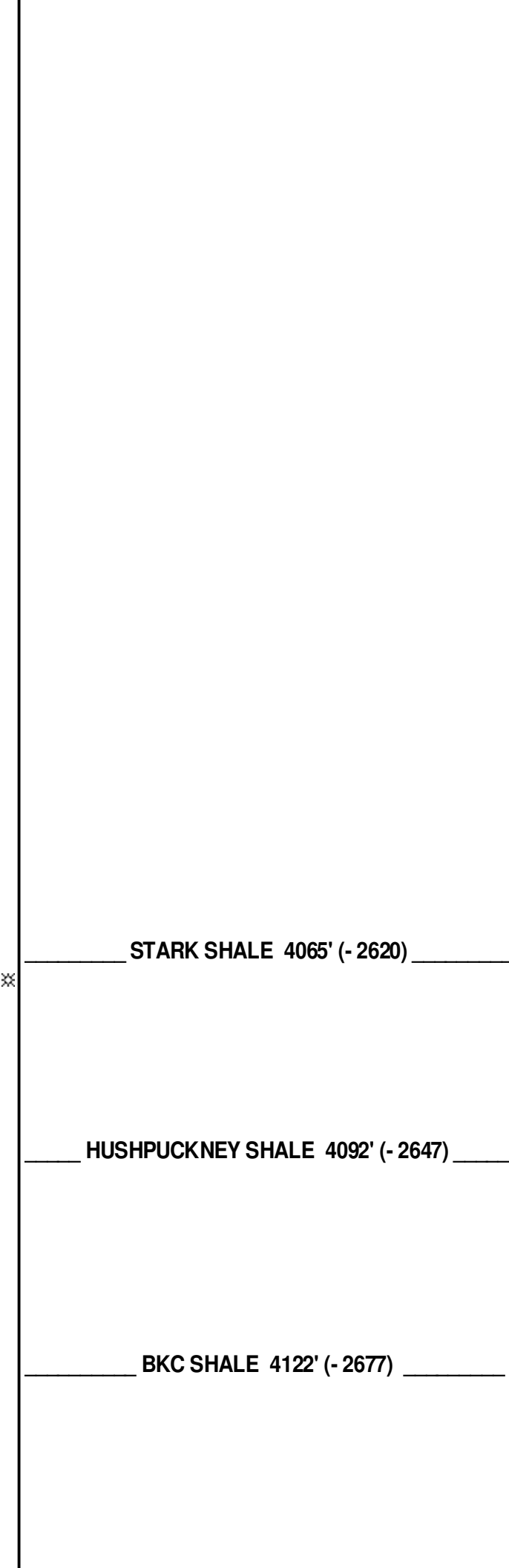
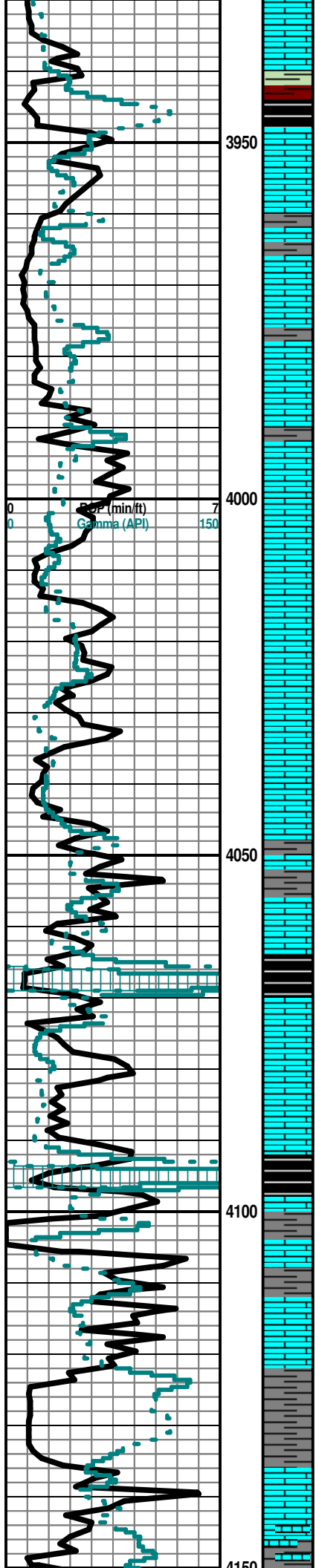


TG, C1-C5

75



KANSAS CITY 3905' (- 2460)



TG, C1-C5 75

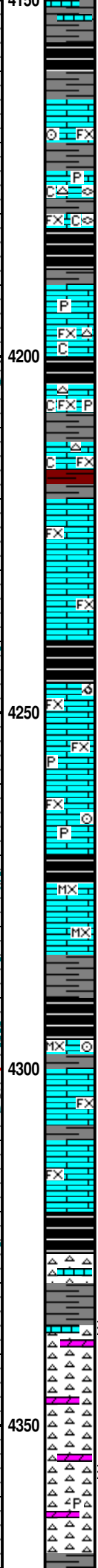
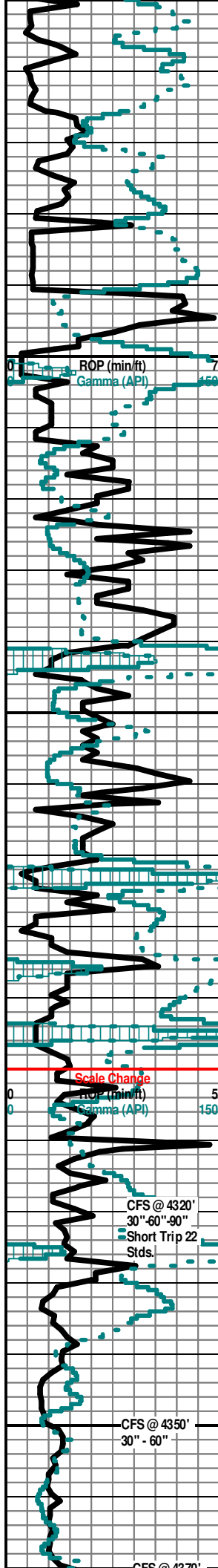
STARK SHALE 4065' (- 2620)

SH GAS KICK  
= 19 UNITS

HUSHPUCKNEY SHALE 4092' (- 2647)

TOOKE DAQ TG NOT  
WORKING

BKC SHALE 4122' (- 2677)



Begin 10' Sample Examination @ 4200'.

Note: All

samples have been lagged to depth by calculated time.

Sh Blk Carb-Char-Gry-Aqua-Maroon Soft-Fissil Ls Wht Grad Fxln Micritic Grad Poor Pin-Pt Fxln Por Barren Cht Amber Transl-Op Shp Vit Chalk Fos (Crin, Fuss) No Odor No Flor No Stn NS

Sh Blk Carb-Char-Gry-Aqua-Maroon Soft-Fissil Ls Wht-Gry Grad Fxln Micritic Grad Poor Pin-Pt Fxln Por (w/Pyr Includ) Barren Cht Wht Transl-Op Shp Vit Chalk Fos (Fuss) No Odor No Flor No Stn NS

Ls Wht-Gry Grad Fxln Micritic Grad Poor Pin-Pt Fxln Por (w/Pyr Includ) Barren Cht Wht Transl-Op Shp Vit Chalk Fos (Fuss) Sh Blk Carb-Char-Gry-Aqua-Maroon Soft-Fissil No Odor No Flor No Stn NS

Ls Wht-Crm-Gry Grad Fxln Micritic Grad Poor Pin-Pt Fxln Por (w/Pyr Includ) Barren Cht Wht Transl-Op Shp Vit Chalk Fos (Brach) Sh Blk Carb-Char-Gry-Aqua-Maroon Soft-Fissil No Odor No Flor No Stn NS

Ls Wht-Crm-Gry Grad Fxln Micritic Grad Poor Pin-Pt Fxln Por Barren Cht Wht Op Shp Vit Chalk Sh Blk Carb- Char- Gry- Aqua- Maroon Soft-Fissil No Odor No Flor No Stn NS

Ls Crm-Wht-Gry Grad Fxln Micritic Grad Poor Pin-Pt Fxln Por Barren Sh Blk Carb-Char-Gry-Aqua-Maroon Soft-Fissil No Odor No Flor No Stn NS

Ls Crm-Tan Fxln Micritic Barren Sh Blk Carb-Char-Gry-Aqua- Maroon Fissil No Odor No Flor No Stn NS

**PAWNEE 4246' (- 2801)**

Sh Blk Carb-Char-Gry-Red Fissil Ls Crm-Tan Grad Fxln Micritic Barren Grad Poor OOM Por Poor InterOOM Por (1 Pc) Fos (Spicu) No Odor No Flor No Stn NS

Ls Wht-Crm-Tan Grad Fxln Micritic Barren (w/Tr Pyr Includ) Sh Char-Gry-Maroon Fissil No Odor No Flor No Stn NS

Ls Wht-Crm-Tan Grad Fxln Micritic (w/Tr Pyr Includ) Barren Fos (Crin) Sh Char- Gry-Red Fissil No Odor No Flor No Stn NS

**FORT SCOTT 4276' (- 2831)**

0" CFS @ 4320' Ls Crm-Tan Grad Microxln Micritic Barren Sh Blk Carb-Char-Gry-Maroon Fissil No Odor No Flor No Stn NS

**CHEROKEE SHALE 4284' (- 2839)**

30" CFS @ 4320' Sh Blk Carb-Char-Gry Fissil Ls Wht-Gry Grad Microxln Micritic Barren Fos (Crin) No Odor No Flor No Stn NS

60" CFS @ 4320' Sh Blk Carb- V Abd Char-Gry Fissil Ls Crm-Tan Grad Fxln Micritic Barren No Odor No Flor No Stn NS

90" CFS @ 4320' Sh Blk Carb- V Abd Char-Gry Fissil Ls Crm-Tan Grad Fxln Micritic Barren No Odor No Flor No Stn NS

**MISSISSIPPIAN "OSAGE" 4328' (- 2883)**

30" CFS @ 4350' Cht Wht Op Trip w/Fair to Poor-Fair Pin-Pt lxn Leached Por (w/Lt Brn Scat Stn) Fair Scat Flor (Lt Grn) (w/ Fair-Med Sat Stn) Fair Inc SG & Fair SFO (? Frac Por) Fair Inc Dissolu Ls Wht-Crm Fxln Fair lxn Por w/SG & SO Sh AA Fair Odor Fair Scat Flor Fair Stn Fair-Med SG & SO

60" CFS @ 4350' Cht Wht Op Vit Trip Fair Pin-Pt "Salt & Pepper" Inc w/Med-Good Leaching Por Lt Brn Scat Stn Good Flor AA (w/Med- Good Sat Good MSG/MSO (w/ Abd GSFO In Wtr Under Heat) Lt Brn Stn (w/Lt Grn Flor) Both Gas & Oil Do Flor) ? Frac Por (w/Med-Good Dissolu Dolo Crm-Tan Fxln Fair lxn Grad Surosic Por (w/SG & SO) Sh AA Med Odor Inc Med-GSG & GSFO

30" CFS @ 4370' Cht Wht Transp-Op Vit Trip Med Pin-Pt "Salt & Pepper" Inc w/Med-Good Leaching Fair Vug Leaching Por Good Flor (w/Good Sat & Inc Good GSG/GSO (w/ Abd GSFO In Wtr Under Heat) Lt Brn Scat Stn Both Gas & Oil Do Flor ? Frac Por (w/Good Dissolu) Friable (w/Broken) Dolo Crm-Tan Fxln Fair lxn Grad Surosic Por w/SG & SO AA Sh AA (w/Pyr Includ) Med-Good Odor Inc Med-GSG & GSFO

60" CFS @ 4370' Cht Wht AA (w/Fair-Good Vug Leaching Por GSG/GSO (w/ Abd GSFO In Wtr Under Heat) Lt Brn Scat Stn ? Frac Por (w/Good Dissolu) Friable AA Dolo AA Med-Good Surosic Por (w/GSG & GSFO) Sh AA Good Odor GSG & GSFO

Scale Change TG, C1-C5 100

SH GAS KICK = 24 UNITS.

GAS KICK = 21 UNITS.

Mudco Mud Ck @ 4285' @ 2:30 PM 10/8/13  
 Vis= 45;  
 Wt= 9.5+##;  
 Pv= 13;  
 Yp= 15;  
 WL= 12.4;  
 Cake= 1; Chl=  
 5000 Ppm;  
 Cal= 400; Sol.=  
 8.3; LCM=  
 1#;  
 DMC=  
 \$1,568.15  
 CMC=  
 \$8,465.05

GAS KICK = 28 UNITS.

GAS KICK = 32 UNITS.

ROP (min/ft) Gamma (API)

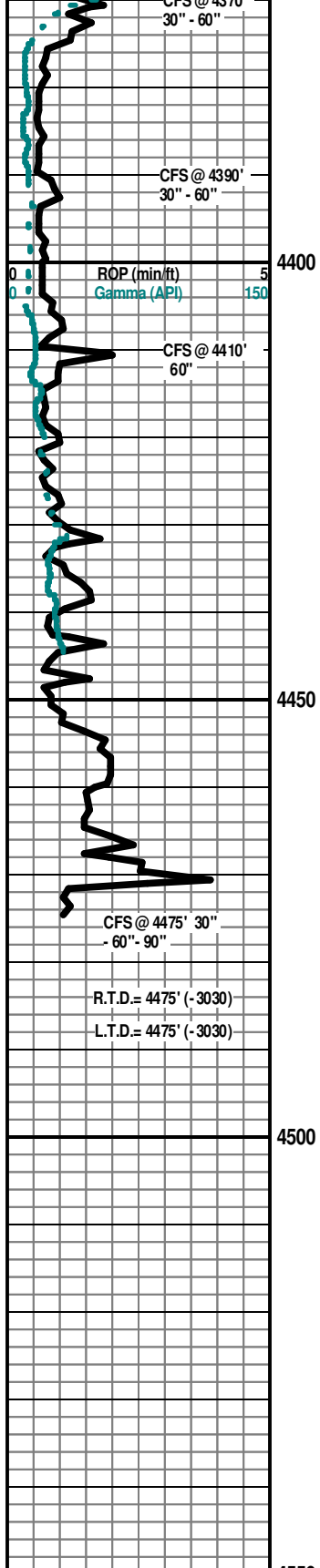
Scale Change ROP (min/ft) Gamma (API)

CFS @ 4320' 30"-60"-90" Short Trip 22 Stds.

CFS @ 4350' 30" - 60"

CFS @ 4370'

**MISS. "OSAGE" POROSITY 4374' (- 2929)**



30" CFS @ 4390' Cht Wht AA (w/Good Pin-Pt Ixln "Salt & Pepper" Ixln & Vug Leaching Por) GSG/GSFO AA Inc Lt Brn Stn ? Frac Por (w/Good Dissolu) (w/Tr Gillsonitic Inklus) Friable Sh AA Strong Odor GSG & GSFO

60" CFS @ 4390' Cht Wht Trip (w/Good Pin-Pt Ixln "Salt & Pepper" Ixln & Vug Leaching Por) GSG/GSFO & w/Tr Gillsonitic Inklus) Friable AA Inc Lt Brn Stn ? Frac Por Strong Odor GSG & GSFO ? Frac Por Sh AA Strong Odor VGSG & VGSFO

60" CFS @ 4410' Cht Wht Translu-Op (w/Fos (Fuss) Inklus) Trip Med-Good Vug Pin-Pt Ixln "Salt & Pepper" Ixln Leached Por FSG/FSFO Lt Brn Stn ? Frac Por (w/Good Dissolu) (w/Tr Gillsonitic Inklus) Friable Fos (Crin) Pyr Mass Sh AA Med Odor SG & SO ? Frac Por Sh AA Med Dec Odor SG & SO

Cht Wht Translu-Op (w/Fos (Fuss) Inklus) Trip Med-Good Vug Pin-Pt Ixln "Salt & Pepper" Ixln Leached Por FSG/FSFO Lt Brn Stn ? Frac Por (w/Good Dissolu) (w/Tr Gillsonitic Inklus) Friable Sh AA ? Frac Por Sh AA Faint Odor SSG & SSO

Cht Wht Translu-Op (w/Fos (Fuss) Inklus) Trip Med Vug Pin-Pt Ixln "Salt & Pepper" Ixln Leached Por FSG/FSFO Lt Brn Stn ? Frac Por (w/Med Dissolu) (w/Tr Gillsonitic Inklus) Friable Sh AA ? Frac Por Sh AA ? Faint Odor VSSG & VSSO

Cht Wht-Yell Translu-Op (w/Fos (Fuss) Inklus) Trip Poor Pin-Pt Ixln "Salt & Pepper" Ixln Leached Por SSG/SSO Lt Brn Stn ? Frac Por (w/Fair Dissolu) (w/Tr Gillsonitic Inklus) Friable Sh AA ? Frac Por Sh AA ? Faint Odor VSSG & VSSO

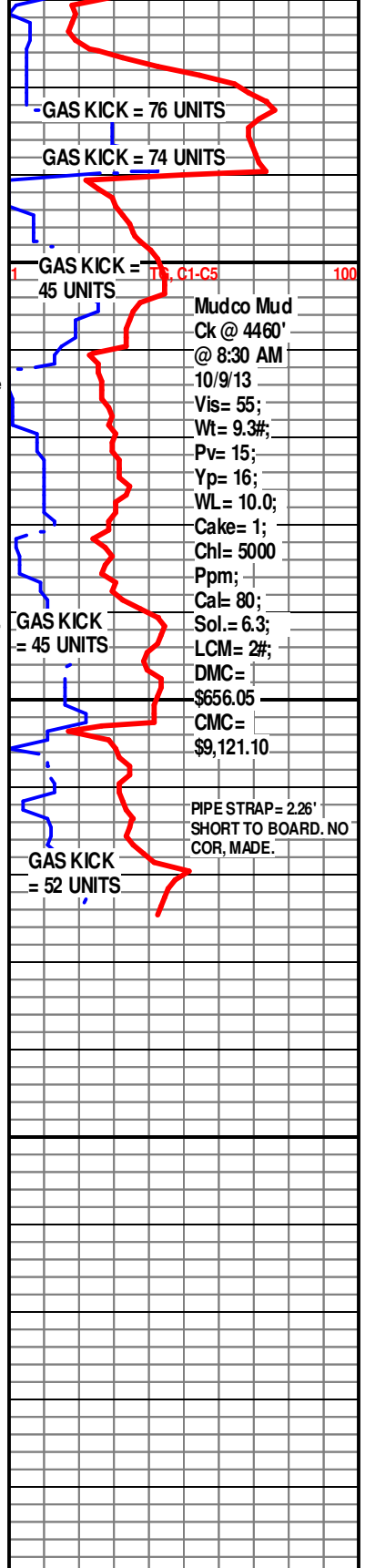
30" CFS @ 4475' Cht Wht-Yell Translu-Op (w/Fos (Fuss) Inklus) Trip Poor Pin-Pt Ixln "Salt & Pepper" Ixln Leached Por SSG/SSO Lt Brn Stn ? Frac Por (w/Fair Dissolu) (w/Tr Gillsonitic Inklus) Friable Sh AA ? Frac Por Sh AA ? Faint Odor VSSG & VSSO

60" CFS @ 4475' Cht Wht-Yell Translu-Op Trip Poor Pin-Pt Ixln "Salt & Pepper" Ixln Leached Por Barren ? Scat Stn ? Frac Por (w/Fair Dissolu) (w/Tr Gillsonitic Inklus) Friable Sh AA ? Frac Por Sh Blk Carb-Char-Gry Soft-Fissil No Odor No Flor NS

90" CFS @ 4475' Cht Wht-Bone Wht-Gry Translu-Op Trip Poor Pin-Pt Ixln "Salt & Pepper" Ixln Leached Por Mostly Barren Scat Stn ? Frac Por (w/Fair Dissolu) (w/Tr Gillsonitic Inklus) Sli SG & SO AA (Few Pcs <10% Of Tray) Sh AA ? Frac Por Chalky Sh Blk Carb-Char-Gry Soft-Fissil Faint Odor No Flor VSSG & VSSO

Electric Logs Run By Weatherford Logging: Dual Induction;  
Compensated Density-Neutron; Microresistivity Logs.

Geologist Left Location At: 7:45 PM on 10/09/2013



# QUALITY WELL SERVICE, INC.

5959

Federal Tax I.D. # 481187368

Home Office 324 Simpson St., Pratt, KS 67124

Heath's Cell 620-727-3410

Rich's Cell 620-727-3409

Office / Fax 620-672-3663

Brady's Cell 620-727-6964

Date	10-10-13	Sec.	24	Twp.	32	Range	10	County	Barbee	State	Ks	On Location	4:30 A.M.	Finish	10:15	
Lease	STONE Trust		Well No.	A 3-24		Location SHANNON Ks 3 E 1/2 S E into										
Contractor	STERLING Delg # 4							Owner								
Type Job	Longstring							To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.								
Hole Size	7 7/8		T.D.	4475												
Csg.	5 1/2		Depth													
Tbg. Size			Depth													
Tool			Depth													
Cement Left in Csg.			Shoe Joint	42.12		The above was done to satisfaction and supervision of owner agent or contractor.										
Meas Line			Displace	103.10 Bbl		Cement Amount Ordered 200 sx Q POC										
<b>EQUIPMENT</b>													100% Salt 5 1/2 sx Gilsomite			
Pumptrk	No.	3		CHAD		Common 200										
Bulktrk	No.	7		SEAN		Poz. Mix										
Bulktrk	No.					Gel.										
Pickup	No.			T000		Calcium										
<b>JOB SERVICES &amp; REMARKS</b>													Hulls			
Rat Hole	30 sx		Salt 21													
Mouse Hole	20 sx		Flowseal													
Centralizers	1-3-S		Kol-Seal 1000+													
Baskets			Mud CLR 48 750 gal													
D/V or Port Collar			CFL-117 or CD110 CAF 38													
Run 106 #4's 5 1/2 14" csg													Sand			
SET													Handling 221			
Float shoe & L O Baffle 14" = 42.12													Mileage 20			
													5 1/2 <b>FLOAT EQUIPMENT</b>			
csg on Bottom Drop Ball													Guide Shoe			
Hook up to csg = BREAK Circ w/ rig & kolo													Centralizer 3 EA			
Pump 3 Bbls H2O													Baskets			
Pump 1 Bbl M Flush													AFU Inserts			
Pump 3 Bbls H2O													Float Shoe 1 EA			
Plug R-M holes w/ 500x													Latch Down 1 EA			
Mix Pump 160x Q POC 14.8 gal																
Shut down wash port & kolo Plug													LMV 20			
Displace 103.10 Bbls total													Pumptrk Charge Longstring			
Plug down @ 9:30 1200+ lift PSI 70													Mileage 20			
6000 Circ thru JOB																
Thank you CHAD SEAN																
PLEASE CALL DAN																
Signature													Tax			
													Discount			
													Total Charge			

# QUALITY WELL SERVICE, INC.

5956

Federal Tax I.D. # 481187368

Home Office 324 Simpson St., Pratt, KS 67124

Heath's Cell 620-727-3410  
Office / Fax 620-672-3663

Rich's Cell 620-727-3409  
Brady's Cell 620-727-6964

Date	10-3-13	Sec.	24	Twp.	32	Range	10	County	Barber	State	Ks	On Location	8:45 PM	Finish	11:00 PM
Lease	STONE Trust		Well No. A		3-24		Location								
Contractor							Owner								
STERLING Digs #4							To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.								
Type Job	SURFACE		T.D.		225		Charge To								
Hole Size	12 1/4		Depth		223.35		11601 PET. Corp								
Csg.	8 5/8 23"		Depth				Street								
Tbg. Size			Depth				City								
Tool			Depth				State								
Cement Left in Csg.			Shoe Joint		20'		The above was done to satisfaction and supervision of owner agent or contractor.								
Meas Line			Displace		13 Bbls		Cement Amount Ordered								
							225 sk 60/40 P32								
<b>EQUIPMENT</b>							2 1/2 GEL 3 1/2 1/4" CF.								
Pumptrk	No.	8		MIKE		Common									
Bulktrk	No.	7		CANDY		Poz. Mix									
Bulktrk	No.					Gel.									
Pickup	No.			TODD		Calcium									
<b>JOB SERVICES &amp; REMARKS</b>							Hulls								
Rat Hole							Salt								
Mouse Hole							Flowseal								
Centralizers							Kol-Seal								
Baskets							Mud CLR 48								
D/V or Port Collar							CFL-117 or CD110 CAF 38								
Run 5 H's 8 5/8 23" Csg							Sand								
SET 7 223.35							Handling								
							Mileage								
Hole up to csg & break circ wiring							3 1/2 FLOAT EQUIPMENT								
							Guide Shoe								
Mix & Pump 225 sk 60/40							Centralizer								
2 1/2 GEL 3 1/2 CC 1/4" CF. 14.7% LML							Baskets								
							AFU Inserts								
SMT down Release 3 1/2 wooden plug							Float Shoe								
							Latch Down								
Use 13 Bbls total							1 EA WOODEN PLUG								
Close Valve on Csg 200'							LML 20								
Hole down 8:45 PM							Pumptrk Charge								
GOOD circ then JOB							SURFACE								
Circ CAT TO PIT							Mileage								
Thanks TODD CANDY MIKE															
Signature							Tax								
							Discount								
							Total Charge								