



1166798

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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: 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

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



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

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

November 04, 2013

Scott Hampel
McCoy Petroleum Corporation
8080 E CENTRAL STE 300
WICHITA, KS 67206-2366

Re: ACO1
API 15-069-20439-00-00
LOUK TRUST 'A' 1-33
NW/4 Sec.33-29S-30W
Gray 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,
Scott Hampel

SAMPLE TOPS

McCoy Petroleum
 Louk Trust 'A' #1-33
 NE SW NW
 1650'FNL & 990'FWL
 Sec 33-29s-30w
 KB: 2815'

	Depth	Datum
Heebner	4191	-1376
Lansing	4260	-1445
Lansing 'G'	4528	-1713
Stark	4687	-1872
Swope	4694	-1879
Swope Pors.	4695	-1880
Hushpuckney	4744	-1929
Hertha	4746	-1931
Hertha Pors.	4772	-1957
Marmaton	4842	-2027
Marmaton 'B'	4868	-2053
Pawnee	4938	-2123
Ft Scott	4971	-2156
Cherokee	4979	-2164
Morrow Sh	5205	-2390
Chester ??	5249	-2434
St. Genevieve	5394	-2579
St. Louis	5578	-2763
RTD	5650	-2835

LOG TOPS

McCoy Petroleum
 Louk Trust 'A' #1-33
 NE SW NW
 1650'FNL & 990'FWL
 Sec 33-29s-30w
 KB: 2815'

	Depth	Datum
Heebner	4188	-1373
Lansing	4256	-1441
Lansing 'G'	4530	-1715
Stark	4680	-1865
Swope	4687	-1872
Swope Pors.	4690	-1875
Hushpuckney	4738	-1923
Hertha	4740	-1925
Hertha Pors.	4751	-1936
Marmaton	4836	-2021
Marmaton 'B'	4864	-2049
Pawnee	4928	-2113
Ft Scott	4968	-2153
Cherokee	4976	-2161
Morrow Sh	5201	-2386
Chester ??	5279	-2464
St. Genevieve	5391	-2576
St. Louis	5576	-2761
LTD	5645	-2830



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

Well Name: LOUK TRUST "A" # 1-33
Location: NE- SW - NW of Sec. 33 - T. 29 S. - R. 30 W.
License Number: A.P.I. #15 - 069 - 20,439 - 00 - 00
Spud Date: 09/04/2013
Surface Coordinates: SPOT: 1650' FNL & 990' FWL

Region: GRAY CO., KS.
Drilling Completed: 09/13/2013

**Bottom Hole
Coordinates:**
Ground Elevation (ft): 2804' **K.B. Elevation (ft):** 2815'
Logged Interval (ft): Surface To: 5645' **Total Depth (ft):** 5650'
Formation: MISSISSIPPIAN
Type of Drilling Fluid: CHEMICAL/POLYMER/GE

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.
Company: DW ENERGY, LLC
Address: 312 N. BROADVIEW STREET
WICHITA, KANSAS 67208

CASING & DEVIATION

Spud at 12:00 pm on 09/04/13. Drilled 12-1/4" to 1822'. Ran 43 joints of new 24#, 8-5/8" casing. Tallied 1803.' Set at 1819' KB. Welded straps on shoe, bottom 3 joints and top 2 joints, tacked collars on the remainder. Centralizers (5) on joints 1-5-7-9-39. Basket on 39'. Float insert in top of 1st joint. Cemented with 450 sks MDC; 3% CC, & 1/4# FS; Plus tailed with 150 sks Class A with 2% Gel; 3% CC & 1/4# CF. Cement did not circulate. Plug down at 12:30 am on 09/06/13. Allied Cementing ticket #. Cemented 1' from Top with 150 sx. Class A thru 1' Tubing.

Deviation Survey's Taken: @ 1824' = 1/2 degree; @ 4719' = 1 degree; @ 5421 = 1/2 degree;

DSTs

NONE


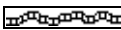
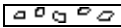


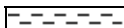









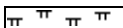


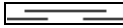
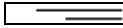




Comments

After review of all geologic samples, combined with the analysis from all electric log as examined, it was determined by all parties that this well appears to be non-commercial and should be plugged and abandoned.












































































Respectfully submitted,

David P. Williams, P.G


























ROCK TYPES

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

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

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

ROP (min/ft) ———
 Gamma (API) - - - - -

Depth

Geological Descriptions

Oil Shows

Geological Descriptions

TG, C1-C5

TG (Units) ———
 C1 (units) - - - - -
 C2 (units) - - - - -
 C3 (units) - - - - -
 C4 (units) - - - - -

ROP (min/ft) 5
 Gamma (API) 150

@ 2955'
 LOST
 CIRC.= 50
 Bbls

MUD
 DISPLACEMENT
 @ 2955'

39

3950

4000

4050

McCOY PETROLEUM CORPORATION

LOUK TRUST "A" # 1-33

SPOT: 1650' FNL & 990' FWL

NE- SW - NW

Sec. 33 - T. 29 S. - R. 30 W.

GRAY COUNTY, KANSAS

A.P.I. #15 - 069 - 20,439 - 00 - 00

ELEVATION : 2815' K. B. ; 2804' G. L.

CONTRACTOR: STERLING DRILLING - RIG # 2

Geologist: David P. Williams, P. G.

Geologist on location @ (3775') 3:55 AM 9-8-13

STONE CORRAL ANHYDRITE SAMPLE TOP = 1771' (+1044).

STONE CORRAL ANAYDRITE SAMPLE BASE = 1787' (+1028).

Deviation Survey's Taken: @ 1824' = 1/2 degree; @ 4719' = 1 degree; @ 5421' = 1/2 degree.

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

Begin 31' Sample Examination @ 4000'.

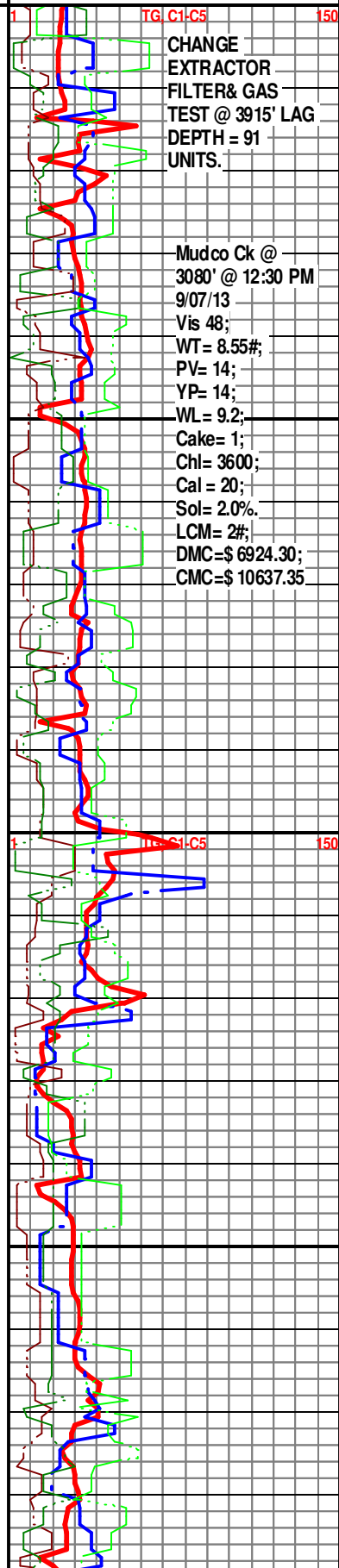
Ls Wht-Crm-Gry FxIn Micrite Barren Grad Poor Pin-Pt IxIn Por Chalk Abd Sh
 Char-Gry Soft No Odor No Stn No Flor NS

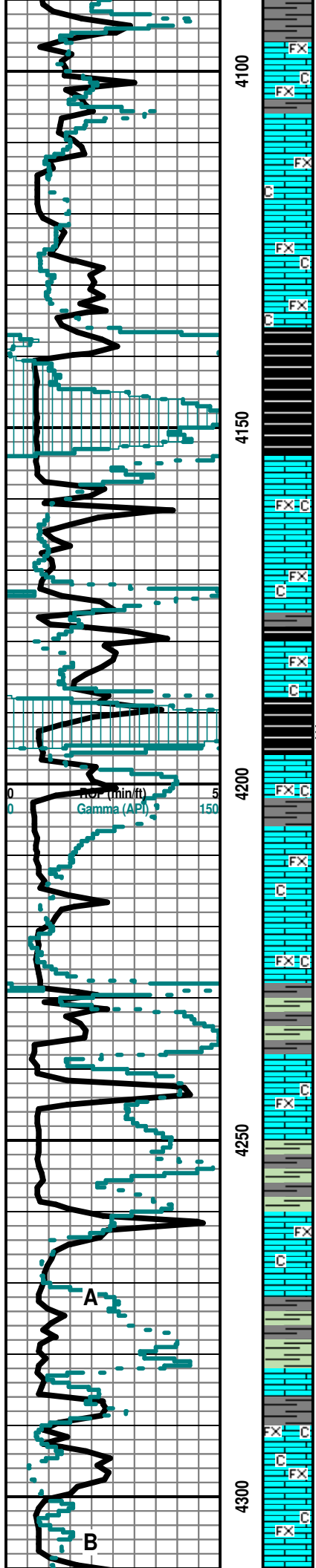
Ls Wht-Crm-Gry FxIn Micrite Barren Grad Poor Pin-Pt IxIn Por Chalk Abd Sh
 Char-Gry Soft No Odor No Stn No Flor NS

Ls Wht-Crm-Gry FxIn Micrite Barren Grad Poor Pin-Pt IxIn Por Chalk Abd Sh
 Char-Gry Soft No Odor No Stn No Flor NS

CHANGE
 EXTRACTOR
 FILTER & GAS
 TEST @ 3915' LAG
 DEPTH = 91
 UNITS.

Mudco Ck @
 3080' @ 12:30 PM
 9/07/13
 Vis 48;
 WT= 8.55#;
 PV= 14;
 YP= 14;
 WL= 9.2;
 Cake= 1;
 Chl= 3600;
 Cal= 20;
 Sol= 2.0%
 LCM= 2#;
 DMC=\$ 6924.30;
 CMC=\$ 10637.35





Ls Wht-Crm-Gry Fxln Micrite Barren Grad Poor Pin-Pt Ixln Por Chalk Abd Sh
Char-Gry Soft No Odor No Stn No Flor NS

Ls Wht-Crm-Gry Fxln Micrite Barren Grad Poor Pin-Pt Ixln Por Chalk Abd Sh
Char-Gry-Blk Carb Fissil-Soft No Odor No Stn No Flor NS

Ls Wht-Crm-Gry Fxln Micrite Barren Grad Poor Pin-Pt Ixln Por Chalk Dec Sh
Char-Gry-Blk Carb Tr AA Fissil Soft No Odor No Stn No Flor NS

HEEBNER 4188' (- 1373)

Sh Blk Carb-Char-Gry Fissil Ls Wht-Crm-Gry Fxln Dns Micrite Grad Pin-Pt
Ixln Por Chalk Tr No Odor No Stn No Flor NS

TORONTO 4206' (- 1391)

DOUGLAS 4229' (- 1414)

Sh Char-Gry/Grn (w/Pyr Includ)-Blk Carb Fissil Ls Wht-Crm-Gry Fxln Dns
Micrite Grad Pin-Pt Ixln Por Chalk No Odor No Stn No Flor NS

LANSING 4260' (- 1445)

Ls Wht-Crm-Gry Fxln Micrite Barren Grad Poor Pin-Pt Ixln Por Chalk Dec Sh
Char-Gry-Blk Carb Tr AA Fissil Soft No Odor No Stn No Flor NS

Mudco Ck @
4143' @ 12:45 PM
9/08/13
Vis 55;
WT= 9.0#;
PV= 17;
YP= 18;
WL= 8.4;
Cake= 1;
Chl= 4100;
Cal= 20;
Sol= 4.6%
LCM= 2#;
DMC=\$ 4297.15;
CMC=\$ 14934.50

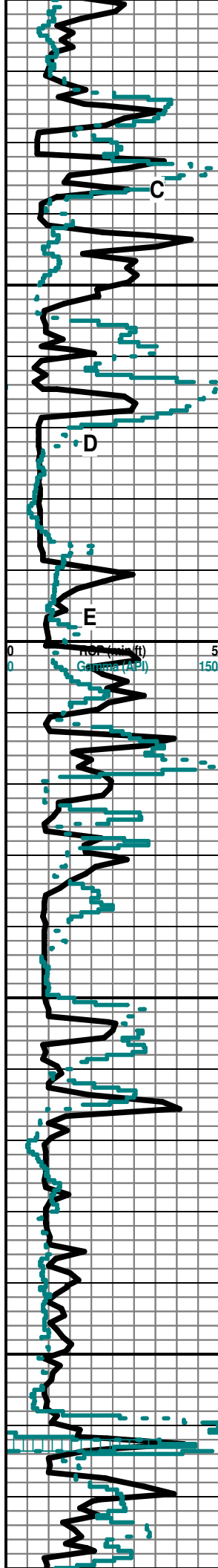
SH GAS KICK =
122 UNITS

SH GAS KICK =
137 UNITS

TG C1-C5 150

A

B



Ls Wht-Crm FxIn Micrite Barren Grad Fair IxIn Por (w/? Lg Otz Ss Inclus)
Chalk Sh Char-Gry-Aqua Fissil Soft No Odor No Stn No Flor NS

Ls Wht-Crm-Gry FxIn Micrite Barren Grad Fair-Med Pin-Pt IxIn Por Chalk Sh
Char-Gry-Olive-Maroon Abd Fissil Soft No Odor No Stn No Flor NS

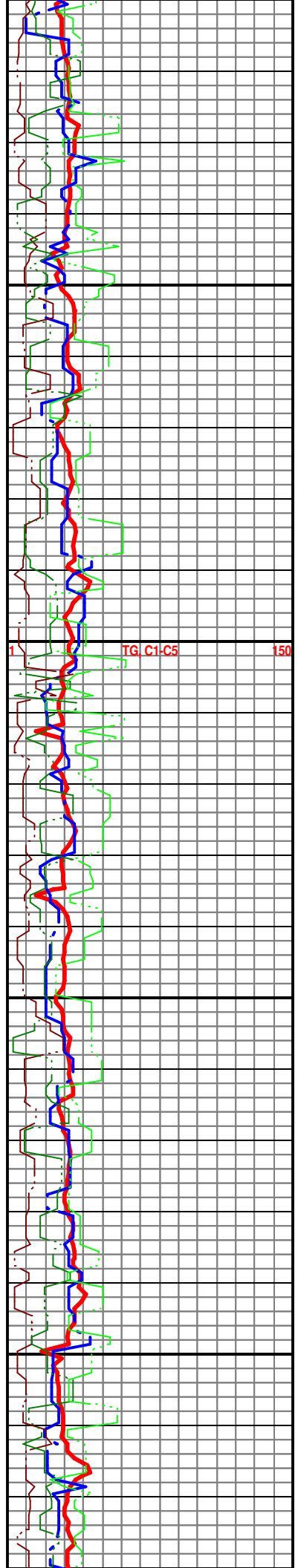
Ls Crm-Tan-Gry Fair-Med IxIn Por Barren Grad Tr Poor Vug IxIn Por Barren
Chalky Pyr Mass Fos (Crin) Sh Char-Gry-Blk Carb Fissil No Odor No Flor No
Stn NS

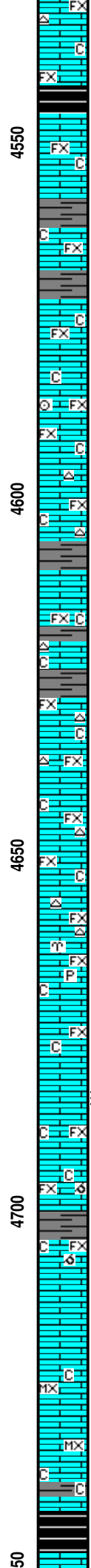
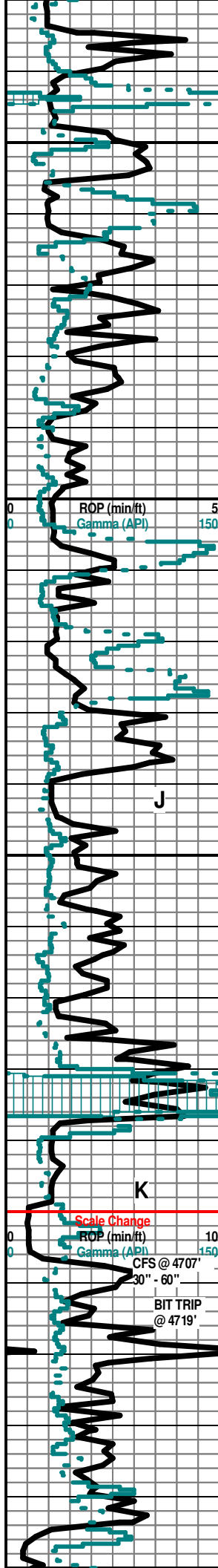
Ls Wht-Crm-Tan-Gry Fair-Med IxIn Por Barren Chalk Abd Pyr Mass Sh
Char-Gry-Blk Carb Fissil No Odor No Flor No Stn NS

Ls Wht-Crm-Tan-Gry Fair-Med IxIn Por Barren Chalk Abd Pyr Cht Wht
Transl-Op Shp Vit Mass Sh Char-Gry-Blk Carb Fissil No Odor No Flor No Stn
NS

Ls Wht-Crm-Tan Fair-Med-Lg XIn Por Barren Pyr Mass Sh Char- Gry Fissil
No Odor No Flor No Stn NS

Ls Crm-Tan FxIn Micritic Grad Fair-Med Pin-Pt IxIn Por Chalk Cht Wht Op
Shp Vit Chalky Sh Blk Carb-Char-Gry- Fissil-Soft No Odor No Flor No Stn
NS





Ls Crm-Tan Fxln Micritic Grad Fair-Pin-Pt Ixln Por Barren Chalk Cht Wht-Gry
Op Shp Vit Sh Char-Gry-Blk Carb Tr Fissil No Odor No Flor No Stn NS

Ls Crm-Tan Fxln Micritic Grad Fair-Pin-Pt Ixln Por Chalky Cht Wht-Gry
(w/Fos (Crin) Inklus) Op Shp Vit Sh Char-Gry-Blk Carb Fissil No Odor No
Flor No Stn NS

Begin 10' Sample Examination @ 4650'.

Ls Crm-Tan Fxln Micritic Grad Fair-Pin-Pt Ixln Por Chalk Cht Wht Op Shp Vit
Sh Char-Gry Fissil No Odor No Flor No Stn NS

Ls Crm-Tan Fxln Micritic Grad Poor OOM Por (w/OOL in pl) Poor-No Dissolu
Poor Develop Poor Leaching Chalk Abd Cht Wht Op Shp Vit Sh Gry-Grn
Fissil No Odor No Flor No Stn NS

Ls Crm-Tan Fxln Dns Micritic Barren Chalk Abd Cht Tan Op Shp Vit Fos
(Fen. Bry) Pyr Mass Sh Gry-Grn Fissil No Odor No Flor No Stn NS

Ls Crm-Tan Fxln Dns Micritic Barren Chalky Cht Wht-Tan Op Shp Vit Sh
Gry-Grn Fissil No Odor No Flor No Stn NS

STARK SHALE 4680' (- 1868)

KANSAS CITY "SWOPE" (K) 4687' (-1872)

30" CFS @ 4707' Sh Blk Carb Fissil w SG Ls AA Chalky Faint Odor No Stn
No Flor SG

60" CFS @ 4707' Ls Wht-Crm Med OOM Por Fair-Med Dissolu Fair Leaching
(10% of Spl) Chalk Abd ? Faint Odor Scatt Flor Stn (15% of Spl) ? SSG

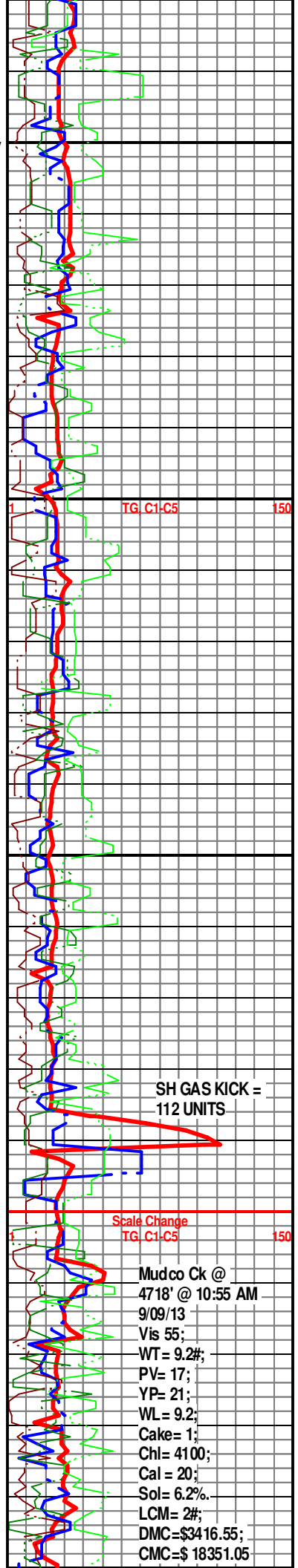
No Sample Trip Debris

Ls Crm-Tan Microxln Dns Micritic Barren Chalky Sh Gry-Maroon Fissil No
Odor No Flor No Stn NS

Ls Crm-Tan Fxln Dns Micritic Barren Chalky Sh Gry-Maroon Fissil No Odor
No Flor No Stn NS

HUSHPUCKNEY SHALE 4742' (- 1927)

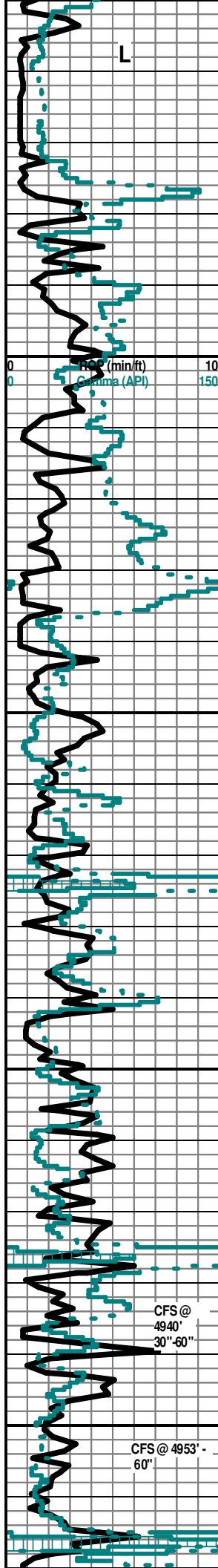
KANSAS CITY "HERTHA (L)" 4746' (- 1931)



SH GAS KICK =
112 UNITS

Scale Change
TG C1-C5

Mudco Ck @
4718' @ 10:55 AM
9/09/13
Vis 55;
WT = 9.2#;
PV= 17;
YP= 21;
WL= 9.2;
Cake= 1;
Chl= 4100;
Sol= 20;
Cal= 6.2%
LCM= 2#;
DMC=\$3416.55;
CMC=\$ 18351.05



Ls Wht-Crm-Gry Op Shp Vit Chalky Sh Blk Carb-Gry-Maroon Fissil No Odor No Flor No Stn NS

Sh Char-Gry (w/Pyr Inclus)-Maroon Fissil Ls Wht-Crm-Gry FxIn Dns Micritic Barren Cht Gry Op Shp Vit Chalky No Odor No Flor No Stn NS

Ls Crm-Tan FxIn Micritic Grad Poor-Fair OOM Por (w/OOL in pl) Poor Dissolu Poor Develop Poor Leaching Chalk Sh Char-Gry Fissil No Odor No Flor No Stn NS

KANSAS CITY "HERTHA POR" 4778' (-1962)

Ls Crm-Tan FxIn Micritic Grad Poor-Fair OOM Por (w/OOL in pl) Poor Dissolu Poor Develop Poor Leaching Chalk Sh Char-Grn/Gry (w/Pyr Inclus)-Maroon Fissil No Odor No Flor No Stn NS

Ls Crm-Tan FxIn Micritic Grad Poor-Fair OOM Por (w/OOL in pl) Poor Dissolu Poor Develop Poor Leaching Chalk Sh Char-Grn/Gry (w/Pyr Inclus)-Maroon Fissil No Odor No Flor No Stn NS

Ls Crm-Tan FxIn Micritic Grad Poor-Fair OOM Por (w/OOL in pl) Poor Dissolu Poor Develop Poor Leaching Chalk Sh Char-Grn/Gry (w/Pyr Inclus)-Maroon-Red Fissil No Odor No Flor No Stn NS

Ls Crm-Tan FxIn Micritic Grad Poor OOM Por Poor Dissolu Poor Develop Poor Leaching Chalk Pyr Mass Sh Char-Grn/Gry- Maroon- Red Fissil No Odor No Flor No Stn NS

Ls Crm-Tan FxIn Micritic Grad Poor OOM Por Poor Dissolu Poor Develop Poor Leaching Chalk Pyr Mass Sh Char-Grn/Gry-Maroon-Red Fissil No Odor No Flor No Stn NS

MARMATON 4836' (- 2021)

Ls Wht-Crm MicroxIn-FxIn Poor IxIn Por Micritic Dns Barren Chalk Wht Soft Sh Char-Gry-Grn Fissil No Odor No Flor No Stn NS

Ls Wht-Crm MicroxIn-FxIn Poor IxIn Por Micritic Dns Barren Chalk Wht Soft Sh Char-Gry-Grn Fissil No Odor No Flor No Stn NS

Ls Crm-Wht-Gry FxIn Poor IxIn Por Micritic (w/Pyr Inclus) Dns Barren Grad Poor OOM Por Poor InterOOM Por Chalk Sh Char-Gry -Maroon-Aqua Soft-Fissil No Odor No Flor No Stn NS

MARMATON "B" 4876' (- 2059)

Ls Crm-Wht-Gry FxIn Poor IxIn Por Micritic (w/Pyr Inclus) Dns Barren Grad Poor OOM Por Poor InterOOM Por Chalk Sh Char-Gry -Maroon-Aqua Soft-Fissil No Odor No Flor No Stn NS

Ls Crm-Wht-Gry FxIn Poor IxIn Por Micritic (w/Pyr Inclus) Dns Barren Chalk Sh Char-Gry -Maroon-Aqua Soft-Fissil No Odor No Flor No Stn NS

Ls Crm-Wht-Gry FxIn Poor IxIn Por Micritic (w/Pyr Inclus) Dns Barren Grad Poor OOM Por Poor InterOOM Por Chalk Sh Char-Gry -Maroon-Aqua Soft-Fissil No Odor No Flor No Stn NS

Ls Crm-Wht-Gry FxIn Poor IxIn Por Micritic (w/Pyr Inclus) Dns Barren Grad Poor OOM Por Poor InterOOM Por Chalk Sh Char-Gry -Maroon-Aqua Soft-Fissil No Odor No Flor No Stn NS

Ls Crm-Tan-Wht FxIn Poor IxIn Por Micritic Dns Barren Chalk Wht Soft Sh Char-Gry-Blk Carb Fissil Faint Odor ? Sli Flor (5 Pcs) No Stn NS

PAWNEE 4928' (- 2113)

30 CFS @ 4940' Sh Blk Carb-Gry Fissil Ls Crm-Tan-Wht FxIn Poor IxIn Por Micritic Dns Barren Grad Poor OOM Por w/OOL (Med-Lg Ooids) in pl Poor-No Dissolu Poor-No Leaching Chalk Fos (Pyr Coral) Sh Gry Fissil ? Sli Odor Sli Flor (5% of Tray) No Stn NS

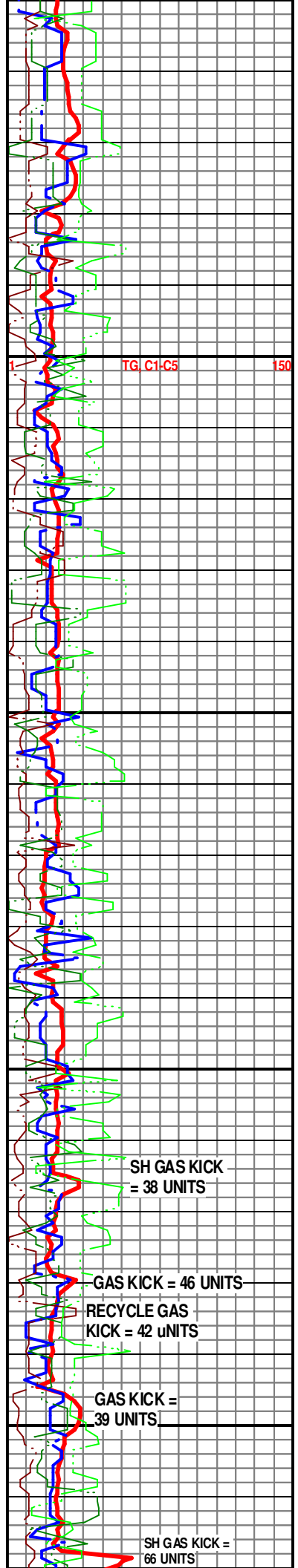
60" CFS @ 4940' Ls Crm-Tan-Wht FxIn Poor IxIn Por Micritic Dns Barren Chalk Pyr Mass Sh Char-Gry-Blk Carb Fissil No Odor ? Sli Flor (2 Pcs) No Stn NS

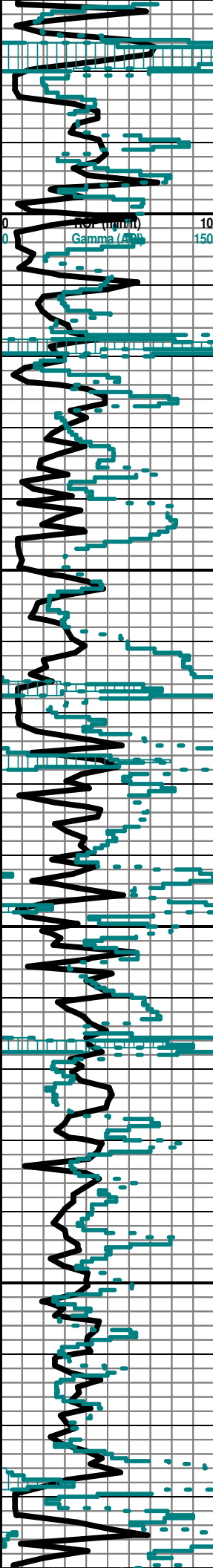
60" CFS @ 4953' Ls Crm-Tan-Wht FxIn Poor IxIn Por Micritic Dns Barren Grad FxIn Poor Pin-Pt IxIn Por Chalk Abd Sh Char-Gry Fissil No Odor ? Sli Flor (5 Pcs) No Stn NS

Ls Crm-Tan FxIn Poor IxIn Por Micritic Dns Barren Grad FxIn Poor Pin-Pt IxIn Por Chalk Abd Sh Char-Gry-Blk Carb Tr Fissil No Odor No Flor No Stn NS

FORT SCOTT 4968' (- 2153)

Sh Blk Carb-Gry-Grn Fissil Abd Ls Crm-Tan-Maroon-Micritic Dns Mass No Odor No Flor No Stn NS





5000
5050
5100
5150



Sh Blk Carb-Gry/Grn Fissil Abd Ls Crm-Tan MicroIn micritic Pyr Mass No Odor No Flor NS

CHEROKEE SHALE 4976' (- 2161)

Sh Blk Carb (w/GSG)-Gry Fissil Ls Wht-Crm-Tan MicroIn-FxIn Poor IxIn Por Micritic Dns Barren Chalk Wht Soft No Odor No Flor No Stn NS

Ls Crm-Wht FxIn Poor IxIn Por Micritic Dns Barren Chalk Wht Soft Cht Amber Op Shp Vit Sh Char-Gry Fissil No Odor No Flor No Stn NS

Sh Char-Gry Fissil Ls Crm-Wht FxIn Poor IxIn Por Micritic Dns Barren Chalk Wht Soft No Odor No Flor No Stn NS

Ls Crm-Wht FxIn Poor IxIn Por Micritic Dns Barren Chalk Wht Soft Cht Amber Op Shp Vit Sh Char-Gry Fissil No Odor No Flor No Stn NS

SECOND CHEROKEE SHALE 5016' (- 2201)

Ls Crm-Wht FxIn Poor IxIn Por Micritic Dns Barren Chalk Wht Soft Cht Amber-Gry Op Shp Vit Sh Blk Carb-Gry Fissil No Odor No Flor No Stn NS

Ls Crm-Wht-Tan FxIn Poor IxIn Por Micritic Dns Barren Chalk Wht Soft Cht Amber Op Shp Vit Sh Blk Carb-Gry Fissil No Odor No Flor No Stn NS

Ls Crm-Wht-Tan FxIn Poor IxIn Por Micritic Dns Barren Chalk Wht Soft Cht Amber Op Shp Vit Sh Blk Carb-Gry Fissil No Odor No Flor No Stn NS

Ls Crm-Wht-Tan FxIn Poor IxIn Por Micritic Dns Barren Chalk Wht Soft Cht Amber Op Shp Vit Sh Blk Carb-Gry Fissil No Odor No Flor No Stn NS

THIRD CHEROKEE SHALE 5060' (- 2245)

Ls Crm-Wht-Tan FxIn Poor IxIn Por Micritic Dns Barren Chalk Wht Soft Cht Amber Op Shp Vit Sh Blk Carb-Gry Fissil No Odor No Flor No Stn NS

Sh Blk Carb (w/GSG)-Gry Fissil Ls Wht-Crm-Tan MicroIn-FxIn Poor IxIn Por Micritic Dns Barren Chalk Wht Soft No Odor No Flor No Stn NS

Ls Crm-Wht-Tan FxIn Poor IxIn Por Micritic Dns Barren Chalk Wht Soft Sh Blk Carb-Gry Fissil No Odor No Flor No Stn NS

Ls Crm-Wht-Tan FxIn Poor IxIn Por Micritic Dns Barren Chalk Wht Soft Cht-Amber Op Shp Vit Sh Blk Carb-Gry Fissil No Odor No Flor No Stn NS

Ls Crm-Wht-Tan FxIn Poor IxIn Por Micritic Dns Barren Chalk Wht Soft Cht-Amber Op Shp Vit Sh Blk Carb-Gry Fissil No Odor No Flor No Stn NS

Ls Crm-Wht-Tan FxIn Poor IxIn Por Micritic Dns Barren Chalk Wht Soft Cht-Wht-Amber Op Shp Vit Sh Blk Carb-Gry Fissil No Odor No Flor No Stn NS

Ls Crm-Wht-Tan FxIn Poor IxIn Por Micritic Dns Barren Chalk Wht Soft Cht-Wht Amber-Gry Op Shp Vit Sh Char-Gry-Tr Blk Carb Fissil No Odor No Flor No Stn NS

Ls Crm-Wht-Tan FxIn Poor IxIn Por Micritic Dns Barren Chalk Wht Soft Cht-Wht Amber-Gry Op Shp Vit Sh Char-Gry-Tr Blk Carb Fissil No Odor No Flor No Stn NS

Ls Crm-Tan FxIn Poor IxIn Por Micritic Dns Barren Chalk Wht Soft Cht Amber-Gry Op Shp Vit Fos (Crin) Sh Char-Gry-Tr Blk Carb Fissil No Odor No Flor No Stn NS

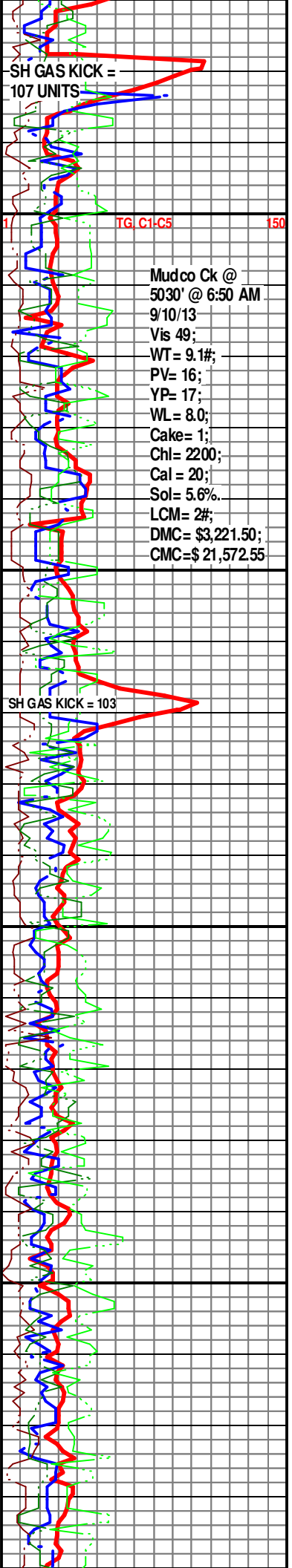
Ls Crm-Wht-Tan FxIn Poor IxIn Por Micritic Dns Barren Chalk Wht Soft Cht Amber-Gry Op Shp Vit Sh Char-Gry Abd Fissil No Odor No Flor No Stn NS

Ls Crm-Wht-Tan FxIn Poor IxIn Por Micritic Dns Barren Chalk Wht Soft Cht Amber-Gry Op Shp Vit Sh Char-Gry Abd Fissil No Odor No Flor No Stn NS

Ls Crm-Wht-Tan FxIn Poor IxIn Por Micritic Dns Barren Chalk Wht Soft Cht Amber-Gry Op Shp Vit Sh Char-Gry Abd Fissil No Odor No Flor No Stn NS

ATOKA SHALE 5176' (- 2361)

Sh Blk Carb-Gry Fissil Ls Crm-Wht-Tan FxIn Poor IxIn Por Micritic Dns Barren Chalk Wht Soft Cht-Amber Op Shp Vit No Odor No Flor No Stn NS

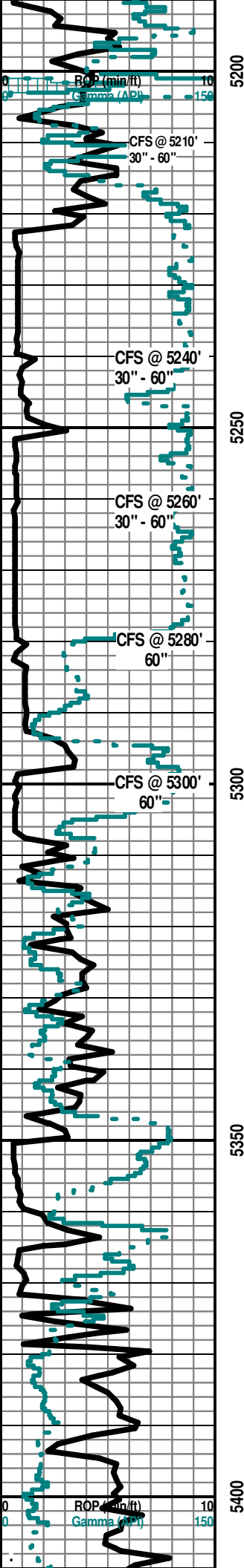


SH GAS KICK = 107 UNITS

TG C1-C5 150

Mudco Ck @
5030' @ 6:50 AM
9/10/13
Vis 49;
WT= 9.1#;
PV= 16;
YP= 17;
WL= 8.0;
Cake= 1;
Chl= 2200;
Cal= 20;
Sol= 5.6%
LCM= 2#;
DMC= \$3,221.50;
CMC= \$21,572.55

SH GAS KICK = 103



30" CFS @ 5210' Sh Blk Carb-Grn-Gry Fissil Ls Crm-Wht-Ian Fxn Por Ixn Por Micritic Dns Barren Chalk Wht Soft Cht Amber Op Shp Vit No Odor No Flor No Stn NS

MORROW SHALE 5200' (- 2385)

60" CFS @ 5210' Sh Blk Carb-Char Gry-Drab Grn Fissil V Abd Ls Crm-Wht-Tan Fxn Poor Ixn Por Micritic Dns Barren Grad Poor Pin-Pt Ixn Por Chalk Wht Soft Cht Amber Op Shp Vit No Odor No Flor No Stn NS

30" CFS @ 5240' Sh Blk Carb-Gry Fissil Grad Drk Gry Siltstn (w/Pyr Inklus) Ls Crm-Wht-Tan Fxn Poor Ixn Por Micritic Dns Barren Chalk Wht Soft Cht Drk Blk (w/Wht Inklus) No Stn NS

60" CFS @ 5240' Sh Blk Carb-Gry (w/Interbedded Pyr Layers & Carb Inklus)-Drab Grn Fissil Grad Drk Gry Siltstn (w/Pyr Inklus) Ls Crm-Wht-Tan Fxn Poor Ixn Por Micritic Dns Barren Tr Chalk Cht Drk Blk (w/Wht Inklus) ? Faint Odor No Flor No Stn NS

30" CFS @ 5260' Sh AA Ls AA Qtz Ss FGn Poor-Sort Poor Igran Por (10 pcs in Tray) Hvy CaCO3 Cmt Matrix (w/Glacu & Pyr Inklus) Barren Pyr Mass No Odor No Stn No Flor NS

60" CFS @ 5260' Sh Blk Carb-Char-Gry-Drab Grn Fissil Qtz Ss FGn Poor-Sort Poor Igran Por (10 pcs in Tray) Hvy CaCO3 Cmt Matrix (w/Glacu & Pyr Inklus) Barren Pyr Mass No Odor No Stn No Flor NS

30" CFS @ 5280' Sh AA Ls AA (Tr Only) Qtz Ss FGn Poor-Sort Poor Igran Por (5 pcs in Tray) Hvy CaCO3 Cmt Matrix (w/Glacu & Pyr Inklus) Barren (Tr Only) Pyr Mass No Odor No Stn No Flor NS

60" CFS @ 5280' Sh Blk Carb-Char-Gry-Drab Grn Fissil Qtz Ss FGn Poor-Sort Poor Igran Por (10 pcs in Tray) Hvy CaCO3 Cmt Matrix (w/Glacu & Pyr Inklus) Barren Pyr Mass No Odor No Stn No Flor NS

MISSISSIPPIAN CHESTER 5280' (- 2465)

60" CFS @ 5300' Sh Blk Carb-Char-Gry-Drab Grn Fissil Ls Crm-Wht Dns MicroIxn Micrite Pyr Mass No Odor No Stn No Flor NS

Sh Blk Carb-Char-Gry-Drab Grn Fissil Ls Crm-Wht Dns MicroIxn Micrite Pyr Mass No Odor No Stn No Flor NS

Ls Wht-Fxn Dns Micrite Grad Fair Ixn Por Chalk Pyr Mass Sh Char- Gry-Drab Grn- Blk Carb Fissil No Odor No Flor NS

Ls Wht-Fxn Dns Micrite Grad Fair Ixn Por Chalk Pyr Mass Sh Char- Gry-Drab Grn- Blk Carb Fissil No Odor No Flor NS

Ls Wht-Fxn Dns Micrite Grad Fair Ixn Por Chalk Pyr Mass Sh Char- Gry-Drab Grn- Blk Carb Fissil No Odor No Flor NS

Ls Wht-Fxn Dns Micrite Grad Poor-Fair Ixn Por Chalk Fos (Crin) Sh Char- Gry- Drab Grn- Blk Carb Fissil No Odor No Flor NS

Sh Blk Carb-Char-Gry-Drab Grn (w/Pyr Inklus)-Aqua-Maroon Fissil Ls Wht-Tan MicroIxn-Fxn Dns Micrite Grad Fair Ixn Por AA Pyr Mass Chalk No Odor No Stn No Flor NS

Sh Blk Carb-Char-Gry-Drab Grn (w/Pyr Inklus)-Aqua-Maroon Fissil Ls Wht-Tan MicroIxn-Fxn Dns Micrite Grad Fair Ixn Por AA Pyr Mass Chalk No Odor No Stn No Flor NS

? CHESTER "SAND" 5372' (- 2557)

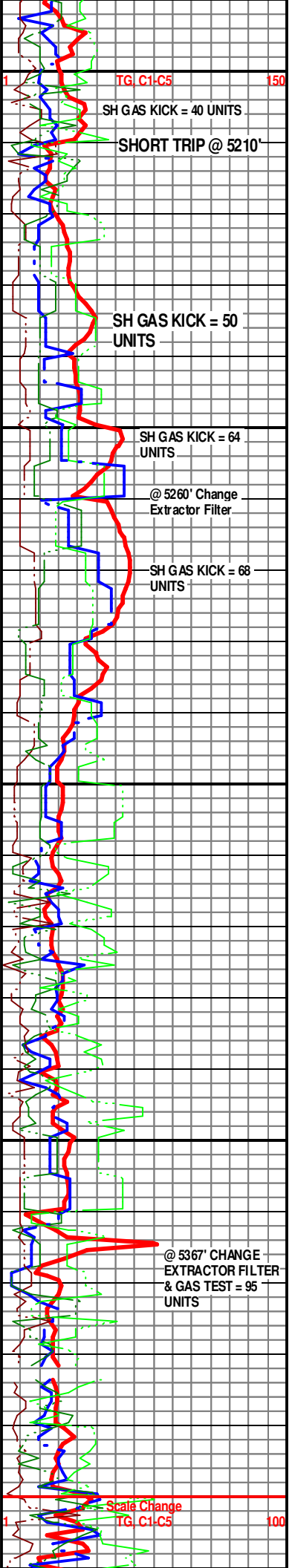
Qtz Ss Wht-Lt Brn Med Ang Grains Poor-Fair Igran Por Friable Gillsonitic "Dead Oil" Residue Ls Crm-Tan-Gry Fxn Dns Micrite Grad Ls Wht Fxn Poor OOL Por (w/Small OOL in pl) "Sandy OOL Ls" Barren (Tr Only) Pyr Mass Chalky Sh Char-Blk Carb- Gry- Drab Grn Fissil No Odor No Stn No Flor NS

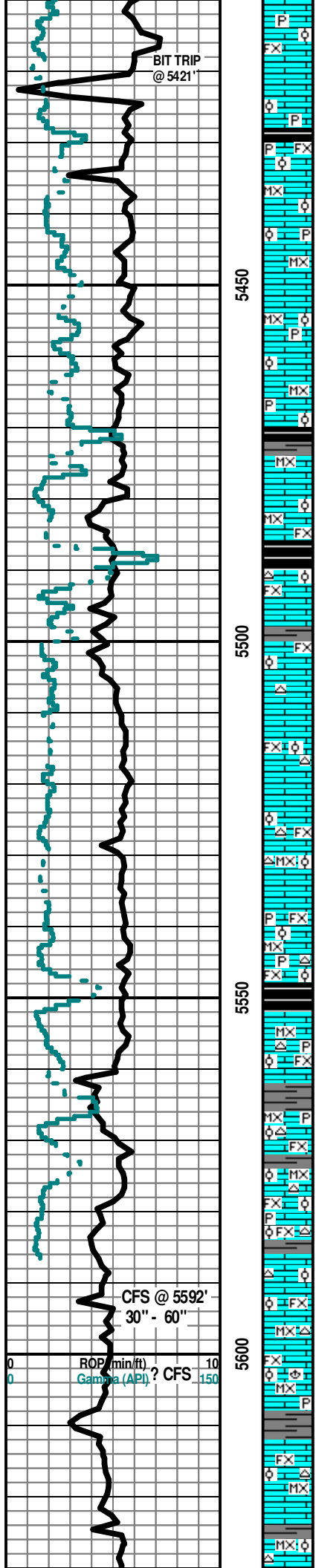
Qtz Ss Wht-Lt Brn Med Ang Grains Poor-Fair Igran Por Friable Gillsonitic "Dead Oil" Residue Ls Crm-Tan-Gry Fxn Dns Micrite Grad Ls Wht Fxn Poor OOL Por (w/Small OOL in pl) "Sandy OOL Ls" Barren (Tr Only) Pyr Mass Chalky Sh Char-Blk Carb- Gry- Drab Grn Fissil No Odor No Stn No Flor NS

MISSISSIPPIAN "Ste. GEN" 5394' (- 2479)

Ls Wht-Brn Fxn Poor-Fair OOL Por (w/Small OOids in pl) "Sandy OOL Ls" Qtz Ss Wht-Brn Fair-Med Igran Por Friable (w/Dead Brn Stn) AA Chalky Sh Char-Blk Carb-Gry-Grn Fissil No Odor No Flor ? "Dead Stn" NS

Ls Wht-Brn Fxn Poor-Fair OOL Por (w/Small OOoids in pl) "Sandy OOL Ls" Qtz Ss Wht-Brn Fair-Med Igran Por Friable (w/Dead Brn Stn) AA Chalky Sh Char-Blk Carb-Gry-Grn Fissil No Odor No Flor ? "Dead Stn" NS





Ls Wht-Crm-Tan FxIn Poor-Fair OOL Por (w/V Small OOids in pl) "Sandy OOL Ls" Chalky Pyr Mass Sh Char-Blk Carb Abd-Drk Gry/Grn-Maroon Fissil No Odor No Stn No Flor NS

Ls Wht-Crm-Gry FxIn-MicroxIn Poor-Fair OOL Por (w/V Small OOids in pl) "Sandy OOL Ls" Grad Dns Micrite No Vis Por Chalky Pyr Mass Sh Char-Blk Carb Abd-Drk Gry/Grn-Maroon Fissil No Odor No Stn No Flor NS

Ls Wht-Crm-Gry FxIn-MicroxIn Poor-Fair OOL Por (w/V Small OOL in pl) "Sandy OOids Ls" Grad Dns Micrite No Vis Por Chalky Pyr Mass Sh Char-Blk Carb Abd Fissil No Odor No Stn No Flor NS

Ls Wht-Lt Gry MicroxIn Poor IxIn Por Dns Micrite Grad Poor OOL Por (w/V Small OOids in pl) "Sandy OOL Ls" Chalky Pyr Mass Sh Char-Blk Carb Dec Fissil No Odor No Stn No Flor NS

Ls Wht-Lt Gry MicroxIn Poor IxIn Por Dns Micrite Grad Poor OOL Por (w/V Small OOids in pl) "Sandy OOL Ls" Chalky Pyr Mass Sh Char-Blk Carb-Char-Gry Fissil No Odor No Stn No Flor NS

Ls Wht-Lt Gry MicroxIn Poor IxIn Por Dns Micrite Grad Poor OOL Por (w/V Small OOids in pl) "Sandy OOL Ls" Chalky Pyr Mass Sh Char-Blk Carb-Char-Gry Fissil No Odor No Stn No Flor NS

Ls Wht-Crm-Lt Gry MicroxIn Poor IxIn Por Dns Micrite Grad Poor OOL Por (w/Inc V Small- Small OOids in pl) "Sandy OOL Ls" Sh Char-Blk Carb-Char-Gry-Aqua Tr Fissil No Odor No Stn No Flor NS

Ls Wht-Crm-Lt Gry MicroxIn-FxIn Poor IxIn Por Dns Micrite Grad Poor-Fair OOL Por (w/Inc Small-Med OOids in pl) "Sandy OOL Ls"- Sh Char-Blk Carb-Char-Gry-Aqua-Maroon Tr Fissil No Odor No Stn No Flor NS

Ls Wht-Crm-Lt Gry FxIn Poor Inc IxIn Por Dns Micrite Grad Fair OOL Por (w/Med OOids in pl) "Sandy OOL Ls"- Cht Wht-Lt Tan Translu-Op Shp Vit Sh Char-Blk Carb-Lt Gry Fissil No Odor No Stn No Flor NS

Ls Wht-Crm-Lt Gry FxIn Poor Inc IxIn Por Dns Micrite Grad Fair OOL Por (w/Med OOids in pl) Friable "Sandy OOL Ls"- Cht Wht-Lt Tan-Peach Translu-Op Shp Vit Sh Char-Blk Carb-Lt Gry Fissil No Odor No Stn No Flor NS

Ls Wht-Crm-Lt Gry FxIn Poor IxIn Por Dns Micrite Grad Fair OOL Por (w/Med-Lg OOids in pl) Friable "Sandy OOL Ls"- Cht Wht-Lt Gry-Peach Translu-Op Shp Vit Sh Char-Blk Carb-Lt Gry Fissil No Odor No Stn No Flor NS

Ls Wht-Crm-Lt Gry MicroxIn-FxIn Poor IxIn Por Dns Micrite Grad Poor OOL Por (w/V Small OOids in pl w/ Pyr Includ) Friable "Sandy OOL Ls"- Cht Wht-Lt Gry-Peach Translu-Op Shp Vit Sh Char-Blk Carb-Lt Gry Fissil No Odor No Stn No Flor NS

Ls Wht-Crm-Lt Gry MicroxIn-FxIn Poor IxIn Por Dns Micrite Grad Poor OOL Por (w/V Small OOids in pl w/ Pyr Includ) Friable "Sandy OOL Ls"- Cht Wht-Lt Gry-Peach Translu-Op Shp Vit Sh Char-Blk Carb-Lt Gry Fissil No Odor No Stn No Flor NS

Ls Wht-Crm-Lt Gry MicroxIn-FxIn Poor IxIn Por Dns Micrite Grad Poor OOL Por (w/V Small OOids in pl w/ Pyr Includ) Friable "Sandy OOL Ls"- Cht Wht-Lt Gry-Peach Translu-Op Shp Vit Pyr Mass Sh Char-Blk Carb-Lt Gry Fissil No Odor No Stn No Flor NS

30" CFS @ 5592' Ls Crm MicroxIn-FxIn Poor-Fair IxIn Por Dns Micrite Grad Poor-Fair OOL Por (w/Small-Med OOids in pl w/ Pyr Includ) Friable "Sandy OOL Ls"- Cht Wht-Lt Gry-Peach Translu-Op Shp Vit Sh Char-Blk Carb-Lt Gry Fissil No Odor No Stn No Flor NS

MISS. "ST. LOUIS" POROSITY 5578' (- 2763)

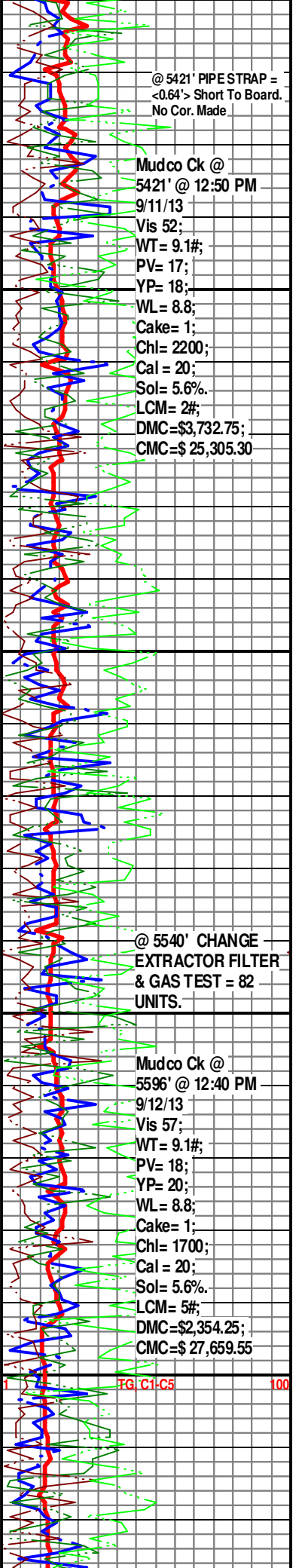
60" CFS @ 5592' Ls Crm MicroxIn-FxIn Poor-Fair IxIn Por Dns Micrite Grad Poor-Fair OOL Por (w/Small-Med OOids in pl) Friable "Sandy OOL Ls"- Cht Wht-Lt Gry-Peach Translu-Op Shp Vit Pyr Mass Sh Char-Blk Carb-Lt Gry-Aqua Fissil No Odor No Stn No Flor NS

Ls Crm MicroxIn-FxIn Poor-Fair IxIn Por Dns Micrite Grad Poor-Fair OOL Por (w/Small-Med OOids in pl) Friable "Sandy OOL Ls"- Cht Wht-Lt Gry-Peach Translu-Op Shp Vit Pyr Mass Sh Char-Blk Carb-Lt Gry-Aqua Fissil No Odor No Stn No Flor NS

Ls Crm MicroxIn-FxIn Poor-Fair IxIn Por Dns Micrite Inc Grad Poor OOL Por (w/Small OOids in pl w/Pyr Includ) Friable "Sandy OOL Ls" Fos (Brach) Sh Char-Blk Carb-Gry Tr Fissil No Odor No Stn No Flor NS

Ls Crm-Gry MicroxIn-FxIn Poor IxIn Por Dns Micrite Inc Grad Poor OOL Por (w/Small-Med OOids in pl) Friable "Sandy OOL Ls Dec"- Cht Wht-Lt Gry Translu-Op Shp Vit Sh Char-Blk Carb-Lt Gry Fissil No Odor No Stn No Flor NS

Ls Crm-Gry MicroxIn Poor IxIn Por Dns Micrite Poor OOL Por AA (Tr Only) Cht Wht-Lt Gry Translu-Op Shp Vit Sh Char-Blk Carb-Lt Gry Fissil No Odor No Stn No Flor NS



@ 5421' PIPE STRAP = <.64"> Short To Board. No Cor. Made

Mudco Ck @ 5421' @ 12:50 PM 9/11/13
 Vis 52;
 WT= 9.1#;
 PV= 17;
 YP= 18;
 WL= 8.8;
 Cake= 1;
 Chl= 2200;
 Cal = 20;
 Sol= 5.6%.
 LCM= 2#;
 DMC=\$3,732.75;
 CMC=\$ 25,305.30

@ 5540' CHANGE EXTRACTOR FILTER & GAS TEST = 82 UNITS.

Mudco Ck @ 5596' @ 12:40 PM 9/12/13
 Vis 57;
 WT= 9.1#;
 PV= 18;
 YP= 20;
 WL= 8.8;
 Cake= 1;
 Chl= 1700;
 Cal = 20;
 Sol= 5.6%.
 LCM= 5#;
 DMC=\$2,354.25;
 CMC=\$ 27,659.55

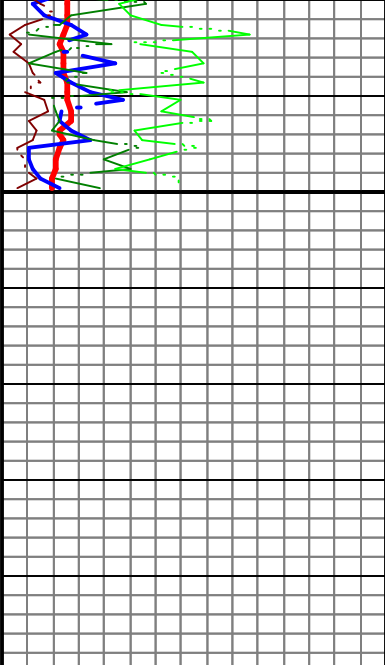
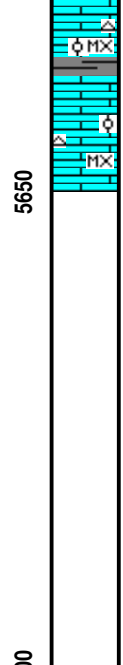
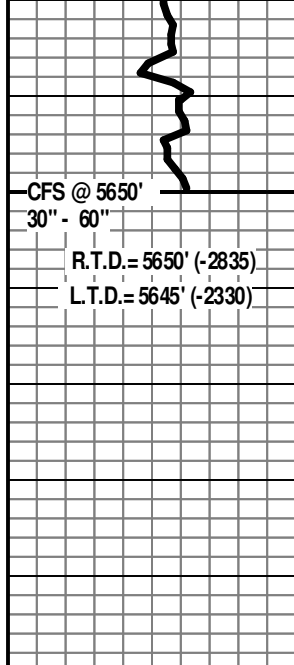
FG C1-C5 100

30" CFS @ 5650' Ls Crm-Gry Microxn Poor lxln Por Dns Micrite Poor OOL Por AA (Tr Only)
Cht Wht-Lt Gry Translu-Op Shp Vit Sh Char-Blk Carb-Lt Gry Fissil No Odor No Stn No Flor NS

60" CFS @ 5650' Ls Crm-Gry Microxn Poor lxln Por Dns Micrite Poor OOL Por AA (Tr Only)
Cht Wht-Lt Gry Translu-Op Shp Vit Sh Char-Blk Carb-Lt Gry Fissil No Odor No Stn No Flor NS

**Electric Logs Run: By Halliburton Logging: Dual Induction;
Compensated Density-Neutron; Sonic; Microresistivity & Cased
Hole Gamma Ray-Nutron Logs.**

Geologist Left Location At: 9:00 AM on 9/13/2013



ALLIED OIL & GAS SERVICES, LLC 052239

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Liberal KS

DATE <u>9-6-13</u>	SEC. <u>33</u>	TWP. <u>29.S</u>	RANGE <u>33W</u>	CALLED OUT	ON LOCATION <u>7:00p.m</u>	JOB START <u>11:30</u>	JOB FINISH <u>5:00am.</u>
LEASE <u>Cook Trust A</u>	WELL # <u>133</u>	LOCATION <u>Vec Copeland KS West on Edelle Ave</u>			COUNTY <u>Gray</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			to Road 3 N 1 miles to RJS South East into				

CONTRACTOR
TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 1824

CASING SIZE 8 5/8 DEPTH 1989

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 41.45

CEMENT LEFT IN CSG. 2.6 bbls

PERFS.

DISPLACEMENT 113.2 bbls

EQUIPMENT

OWNER

CEMENT
AMOUNT ORDERED Lead 450sk Class A 3%cc
2%cc 2% Sodium Metasilicate 2% Gyp 14# #6
Tail 150sk Class C 2%cc

COMMON <u>450sk</u>	@ <u>17.90</u>	<u>8055.00</u>
POZMIX	@	
GEL	@	
CHLORIDE <u>19sk</u>	@ <u>62.00</u>	<u>1216.00</u>
ASC	@	
<u>Class C 150</u>	@ <u>1824.40</u>	<u>3160.00</u>
<u>Sodium Metasilicate 2% #6</u>	@ <u>3.30</u>	<u>2660.40</u>
<u>Gyp 14#</u>	@ <u>37.60</u>	<u>300.80</u>
<u>Floreal 108#</u>	@ <u>2.97</u>	<u>320.76</u>
<u>SA 51 Suspension 81#</u>	@ <u>17.51</u>	<u>1418.31</u>
<u>Class A Neat 150sk</u>	@ <u>17.90</u>	<u>2685</u>
	@	
HANDLING <u>807.7</u>	@ <u>2.46</u>	<u>2003.90</u>
MILEAGE <u>1107.8</u>	@ <u>2.60</u>	<u>2880.38</u>
		TOTAL <u>25206.55</u>

PUMP TRUCK CEMENTER Lenny Baeza

531-541 HELPER Cesar P.

BULK TRUCK DRIVER Decedrick G.

172-554

BULK TRUCK DRIVER Ruben P.

502-526

REMARKS:
Used 150sk For top off well
Thank you!!!

CHARGE TO: McCoy Petroleum

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB <u>1001-2000'</u>		
PUMP TRUCK CHARGE <u>2213.75</u>		
EXTRA FOOTAGE	@	
MILEAGE <u>30</u>	@ <u>7.20</u>	<u>231.00</u>
MANIFOLD <u>1</u>	@ <u>275.00</u>	<u>275.00</u>
<u>Light Vehicle 30</u>	@ <u>44.00</u>	<u>1320.00</u>
	@	
		TOTAL <u>2851.75</u>

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PLUG & FLOAT EQUIPMENT

<u>Guide Shoe</u>	@ <u>250.70</u>	<u>250.70</u>
<u>AFU Float Valve</u>	@ <u>229.30</u>	<u>229.30</u>
<u>Centralizer 4</u>	@ <u>37.50</u>	<u>150.00</u>
<u>Cement Basket</u>	@ <u>226.50</u>	<u>226.50</u>
<u>Top Rubber Plug</u>	@ <u>76.25</u>	<u>76.25</u>
		TOTAL <u>932.75</u>

PRINTED NAME _____

SIGNATURE _____

SALES TAX (If Any) _____

TOTAL CHARGES \$ 28991.05

DISCOUNT _____ IF PAID IN 30 DAYS

Net = \$ 110463.39

ALLIED OIL & GAS SERVICES, LLC 052286

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Liberal ks.

DATE <u>09-13-13</u>	SEC. <u>33</u>	TWP. <u>255</u>	RANGE <u>30 W.</u>	CALLED OUT	ON LOCATION	JOB START <u>7:00</u>	JOB FINISH <u>8:00 PM</u>
LEASE <u>Trust</u>	WELL # <u>A 1-33</u>		LOCATION <u>Copeland 3MS on CR2, 1M</u>		COUNTY <u>Gray</u>	STATE <u>ks.</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			E, N into				

CONTRACTOR sterling
 TYPE OF JOB PTA
 HOLE SIZE 7 7/8 T.D.
 CASING SIZE 8 3/8 24 # DEPTH
 TUBING SIZE DEPTH
 DRILL PIPE 4 1/2 16.6 # DEPTH 1850 ft
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT

OWNER Mc. Coy Petroleum

CEMENT
 AMOUNT ORDERED 160 sk 60/40 4% Gel
1/4 lb/sk Flosele.

EQUIPMENT

PUMP TRUCK CEMENTER Ruben Chavez
 # 531-541 HELPER Cesar Pavia
 BULK TRUCK
 # 562-528 DRIVER Deedrik Grier
 BULK TRUCK
 # DRIVER

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC	@		
ALC2A "A"	160 sk	@ 15.95	2552.00
Flosele	50 lb	@ 2.97	148.50
		@	
		@	
		@	
		@	
		@	
HANDLING	162 Cuff	@ 2.48	401.76
MILEAGE	345.25 Ton M.	@ 2.60	897.65
			TOTAL <u>3,999.91</u>

REMARKS:

SERVICE

DEPTH OF JOB			<u>1,850 ft</u>
PUMP TRUCK CHARGE			<u>1,250.00</u>
EXTRA FOOTAGE	@		
MILEAGE	heavy 50	@ 7.70	385.00
MANIFOLD		@	
Light Vehicle	50 M.	@ 4.40	220.00
Stand by Hours	3	@ 440.00	1,320.00

CHARGE TO: Mc. Coy. Petroleum
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL 3,175.00

PLUG & FLOAT EQUIPMENT

_____	@		
_____	@		
_____	@		
_____	@		
_____	@		

TOTAL _____

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SALES TAX (If Any) _____
 TOTAL CHARGES 7,174.91
 DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME _____
 SIGNATURE [Signature]

NET = 4,663.70