



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

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

API No. 15 - _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

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



1159222

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

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

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

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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

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

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Hembree, Robert F
Well Name	Kirk 1
Doc ID	1159222

Tops

Name	Top	Datum
T/Anhydrite	1602	+729
B/Anhydrite	1619	+712
Heebner	3711	-1380
Toronto	3733	-1402
Lansing	3754	-1423
Base of KC	4046	-1715
Marmaton	4086	-1755
Pawnee	4173	-1842
Ft. Scott	4249	-1918
Cherokee	4276	-1945
Mississippi		
RTD	4360	-2029

PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361

INVOICE

Invoice Number: 137960
Invoice Date: Aug 12, 2013
Page: 1

Bill To:
Robert F. Hembree P O Box 542 Ness City, KS 67560

Now Includes:



Customer ID	Field Ticket #	Payment Terms	
Hem	60562	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Great Bend	Aug 12, 2013	9/11/13

Quantity	Item	Description	Unit Price	Amount
		Kirk #1		
150.00	CEMENT MATERIALS	Class A Common	17.90	2,685.00
3.00	CEMENT MATERIALS	Gel	23.40	70.20
5.00	CEMENT MATERIALS	Chloride	64.00	320.00
162.09	CEMENT SERVICE	Cubic Feet	2.48	401.98
22.20	CEMENT SERVICE	Ton Mileage	2.60	57.72
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
3.00	CEMENT SERVICE	Pump Truck Mileage	7.70	23.10
3.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	13.20
1.00	CEMENT SUPERVISOR	Dustin Chambers		
1.00	EQUIPMENT OPERATOR	Mike Scothorn		
1.00	OPERATOR ASSISTANT	Kevin Weighous		

Subtotal	5,083.45
Sales Tax	189.12
Total Invoice Amount	5,272.57
Payment/Credit Applied	
TOTAL	5,272.57

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 762.51

ONLY IF PAID ON OR BEFORE
Sep 6, 2013

< 762.51 >
4,510.06

ALLIED OIL & GAS SERVICES, LLC 060562

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Great Bend, KS

DATE <u>6-12-13</u>	SEC. <u>35</u>	TWP. <u>18</u>	RANGE <u>24W</u>	CALLED OUT	ON LOCATION	JOB START <u>2:30 pm</u>	JOB FINISH <u>3:30 pm</u>
LEASE <u>Kirk</u>	WELL# <u>1</u>	LOCATION <u>Ness City 2W 1/2 S</u>			COUNTY <u>Ness</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>			<u>Grout</u>				

CONTRACTOR <u>Pickrell Drilling #10</u>	OWNER
TYPE OF JOB <u>Surf Face</u>	CEMENT
HOLE SIZE <u>12 1/4"</u> T.D.	AMOUNT ORDERED <u>150 SKS Class A</u>
CASING SIZE <u>6 5/8"</u> DEPTH	<u>34 cc 2-1/2 gal</u>
TUBING SIZE DEPTH	
DRILL PIPE <u>1 1/2"</u> DEPTH	
TOOL DEPTH	
PRES. MAX MINIMUM	COMMON <u>150</u> @ <u>17.90</u> <u>2.685.00</u>
MEAS. LINE SHOE JOINT	POZMIX @
CEMENT LEFT IN CSG. <u>15 CT</u>	GEL <u>3</u> @ <u>23.40</u> <u>70.20</u>
PERFS.	CHLORIDE <u>5</u> @ <u>64.00</u> <u>320.00</u>
DISPLACEMENT <u>12.89 Bbls Freshwater</u>	ASC @

EQUIPMENT

PUMP TRUCK # <u>394</u>	CEMENTER <u>Dustin Chambers</u>
BULK TRUCK # <u>610-112</u>	HELPER <u>Mike Scott</u>
BULK TRUCK #	DRIVER <u>Kevin Wengrow</u>
BULK TRUCK #	DRIVER

REMARKS:

Break circulation with Rig head
pump 5 bbls freshwater ahead
mix 150 SKS Class A 34 cc 2-1/2 gal
Displace 12.89 bbls Freshwater ahead in
chamber did circulation
plug Down - 3:00 PM
Rig Down

CHARGE TO: Robert P. Membree
STREET _____
CITY _____ STATE _____ ZIP _____

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.

PRINTED NAME x Mike Kevla

SIGNATURE x Mike Kevla
Thank You!!

HANDLING <u>162.09</u>	@ <u>2.48</u>	<u>401.92</u>
MILEAGE <u>7.4 x 3 x</u>	@ <u>2.60</u>	<u>57.72</u>
		TOTAL <u>3.534.90</u>

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE	<u>1512.35</u>	
EXTRA FOOTAGE	@	
MILEAGE <u>Hum 3</u>	@ <u>7.70</u>	<u>23.10</u>
MANIFOLD	@	
<u>Hum 3</u>	@ <u>4.40</u>	<u>13.20</u>
		TOTAL <u>1.548.55</u>

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
		TOTAL _____

SALES TAX (If Any)	
TOTAL CHARGES <u>5.083.45</u>	
DISCOUNT <u>762.51</u>	IF PAID IN 30 DAYS
	<u>4.320.93</u>

PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361

INVOICE

Invoice Number: 138137
Invoice Date: Aug 18, 2013
Page: 1

Bill To:
Robert F. Hembree P O Box 542 Ness City, KS 67560

Now Includes:



Customer ID	Field Ticket #	Payment Terms	
Hem	59559	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Great Bend	Aug 18, 2013	9/17/13

Quantity	Item	Description	Unit Price	Amount
		<u>Kirk #1</u>		
150.00	CEMENT MATERIALS	Class A Common	17.90	2,685.00
100.00	CEMENT MATERIALS	Pozmix	9.35	935.00
9.00	CEMENT MATERIALS	Gel	23.40	210.60
63.00	CEMENT MATERIALS	Flo Seal	2.97	187.11
269.20	CEMENT SERVICE	Cubic Feet	2.48	667.62
44.92	CEMENT SERVICE	Ton Mileage	2.60	116.79
1.00	CEMENT SERVICE	Rotary Plug	2,249.84	2,249.84
4.00	CEMENT SERVICE	Pump Truck Mileage	7.70	30.80
4.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	17.60
1.00	CEMENT SUPERVISOR	Darin Franklin		
1.00	EQUIPMENT OPERATOR	Ben Newell		
1.00	OPERATOR ASSISTANT	Marlyn Spangenberg		

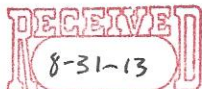
Subtotal	7,100.36
Sales Tax	436.67
Total Invoice Amount	7,537.03
Payment/Credit Applied	
TOTAL	7,537.03

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 1,065.05

ONLY IF PAID ON OR BEFORE
Sep 12, 2013

< 1,065.05 >
6,471.98



ALLIED OIL & GAS SERVICES, LLC 059559

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
Med Gresthena, KS

DATE <u>8-18-2013</u>	SEC. <u>35</u>	TWP. <u>18S</u>	RANGE <u>24W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Kirk</u>	WELL# <u>1</u>	LOCATION <u>Ness City, KS 2W04</u>			COUNTY <u>Ness</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>1/2 Soun, east mo</u>				

CONTRACTOR Pi Kers 11 #10
 TYPE OF JOB Rotary plus
 HOLE SIZE 7 7/8 T.D. _____
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 DEPTH 1950
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 3 bbls water, 25 bbls mud
 EQUIPMENT _____

PUMP TRUCK CEMENTER Darin Franklin
 # 366 HELPER Ben Newell
 BULK TRUCK _____
 # 381-252 DRIVER Marilyn Spangenberg
 BULK TRUCK _____
 # _____ DRIVER _____

REMARKS:

OWNER Robert F. Hembree
 CEMENT AMOUNT ORDERED 250 sy 60' 40' 40' 60'
+ 4 #10
 COMMON 150 @ 17.90 2,685.00
 POZMIX 100 @ 9.35 935.00
 GEL 9 @ 23.40 210.60
 CHLORIDE _____ @ _____
 ASC _____ @ _____
Flascel 63 @ 2.97 187.11
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING 269.2 @ 2.48 667.61
 MILEAGE 11.23 x 4 x 2.60 116.80
 TOTAL 4,802.52

SERVICE

DEPTH OF JOB 1950
 PUMP TRUCK CHARGE 2249.89
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 1700 4 @ 7.70 30.80
 MANIFOLD _____ @ _____
1700 4 @ 4.40 17.60
 _____ @ _____

CHARGE TO: Robert F. Hembree
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL 2,298.29

PLUG & FLOAT EQUIPMENT

none @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL _____

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.

PRINTED NAME Mike Kern
 SIGNATURE Mike Kern

SALES TAX (If Any) _____
 TOTAL CHARGES 7100.36
 DISCOUNT 1065.05 IF PAID IN 30 DAYS
6,035.30

Thank you!!!



Musgrove

**PETROLEUM
CORPORATION**
Clafin, Kansas

Geologist's Report

Company: Robert F. Hembree
 Lease: Kirk #1
 Field: McDonald Northeast
 Location: W2-E2-W2-SE
 Sec: 35 Twsp: 18S Rge: 24W
 County: Ness State: Kansas
 GL: 2324 KB: 2331

Contractor: Pickrell Drilling Company Rig 10
 Spud: 8/12/13 Comp: 8/17/13
 RTD: 4360' LTD: No Log
 Mud Up: 3500 +/- Type Mud: Chemical/Displaced

Samples Saved From: 3600' to RTD
 Drilling Time Kept From: 3600' to RTD
 Samples Examined From: 3600' to RTD
 Geological Supervision From: 3800' to RTD
 Geologist on Well: K. Talbott

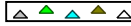






Surface Casing: 8 5/8" @ '
 Production: None

Logs: None

Hembree Kirk #1 W2-E2-W2-SE Sec. 35-T18S-R24W			Hembree Schwartzkopf #1 SE-NW-NW-NW Sec. 35-T18S-R24W	
KB	2331		2302	
Formation	Sample	Sub-sea	Log	Sub-sea
Anhydrite			1561	741
Base Anhydrite			1596	706
Heebner	3711	-1380	3679	-1377
Toronto	3733	-1402	3701	-1399
Lansing	3754	-1423	3721	-1419
Base KC	4046	-1715	4016	-1714



Marmaton	4086	-1755	4055	-1753
Pawnee	4173	-1842	4137	-1835
Ft. Scott	4249	-1918	4214	-1912
Cherokee	4276	-1945	4239	-1937
Mississippia	-	-	4310	-2008
Miss. Dolom	-	-	4313	-2011
RTD	4360	-2029	4314	-2063
LTD	-	-	4315	-2061

ROCK TYPES

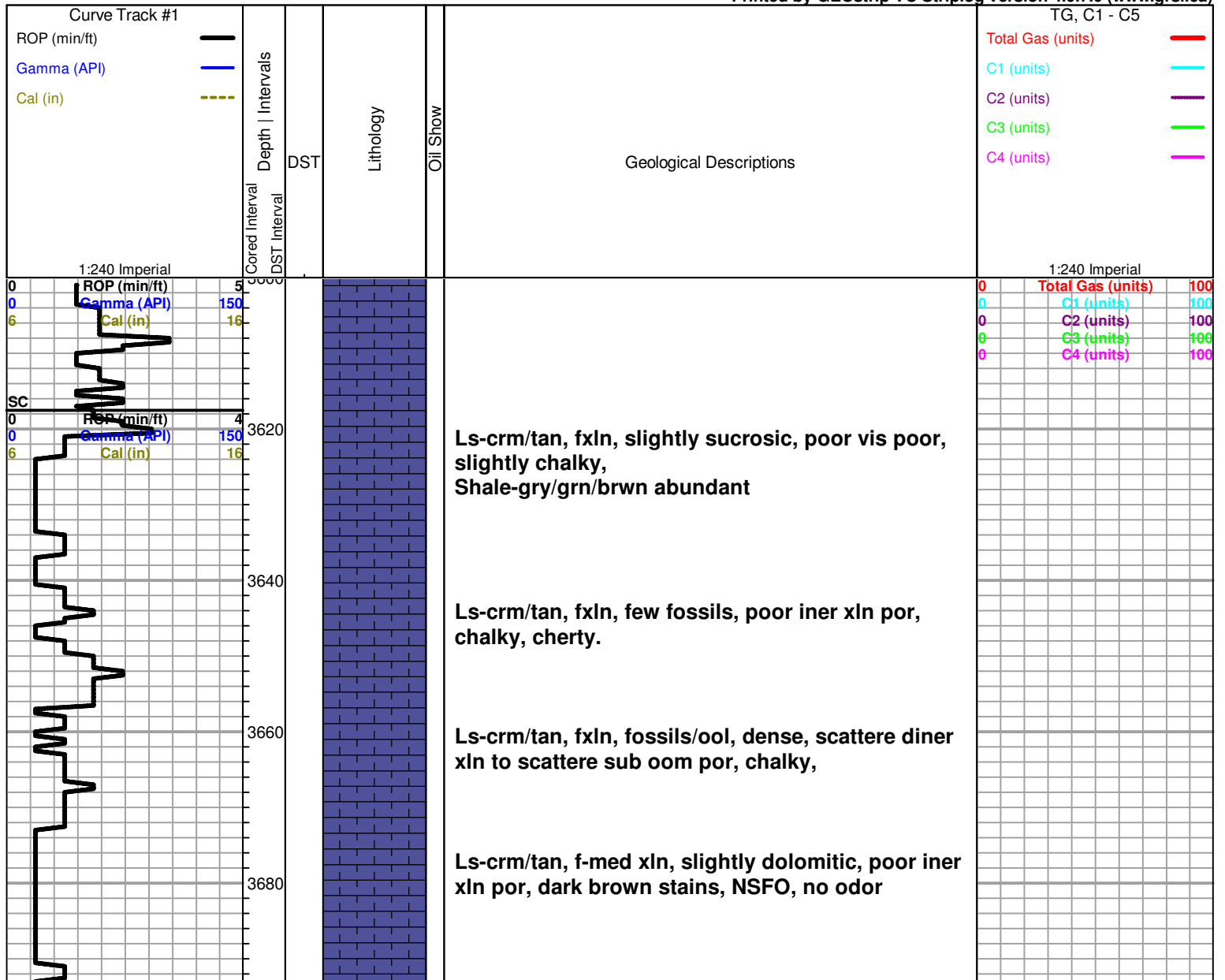
 Cht vari	 shale, grn	 Carbon Sh	 Shcol
 Lmst fw<7	 shale, gry	 shale, red	

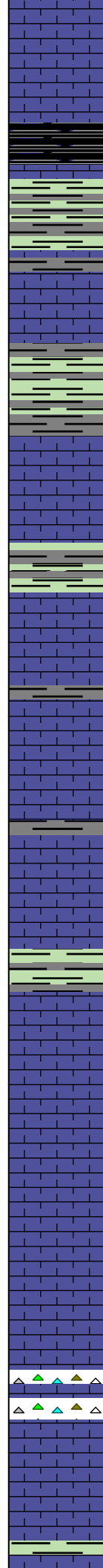
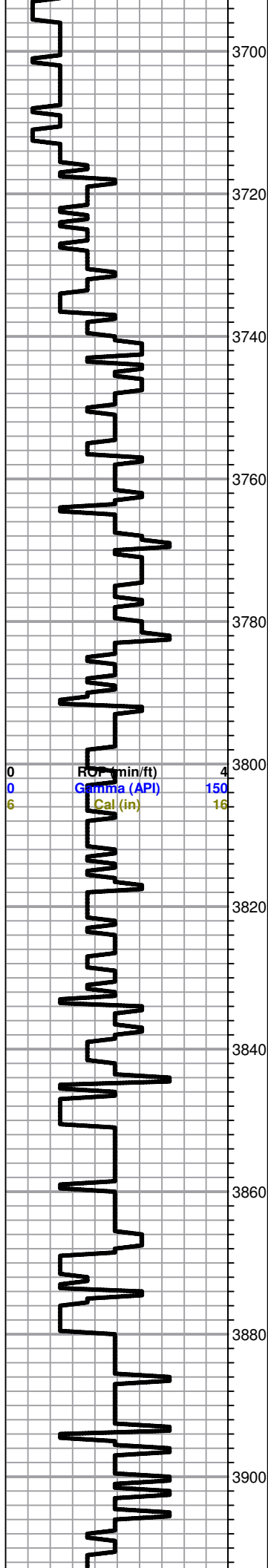
OTHER SYMBOLS

DST

-  DST Int
-  DST alt

Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)





A/A Sucrosic

Heebner 3711.0 (-1380.0) 0.0

Black carbon shale

Shale-gry/grn

Toronto 3733.0 (-1402.0) 0.0

Ls-crm/tan, fxln, fossils, poor oom to finely vug por, no vis shows, dense

Shale-gry/grn

Lansing 3754.0 (-1423.0) 0.0

Ls-wht/lt gry, fxln, fossils, poor scattered iner xln por, chalky, Shale-mar/grn

Ls-wht/tan, fxln, slightly dolomitic, poor iner xln por, fossils, trace brown stais, NSFo, Shale-gry

Ls-crm/wht, fxln, few fossils, poor vis por, chalky

A/A

Ls-crm/wht, fxln, few fossils/ool, poor scattered por, no vis shows, Shale-gry/grn

Ls-wht/lt gry, fxln, few fossils, poor scattered iner xln and oom por, no vis shows, chalky

A/A

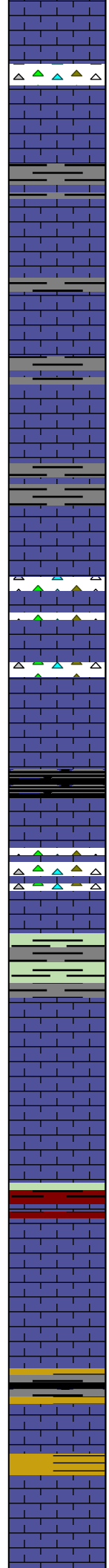
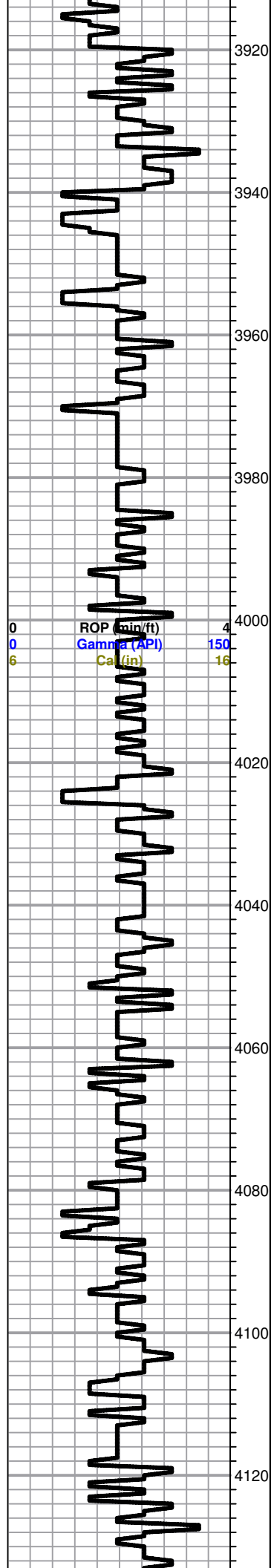
Ls-wht/crm/lt gry,fxln, few fossils/ool, poor scattered por, chalky



A/A-chert- boney wht/crm

Ls-crm/tan/lt gry, fxln, poor scattered por, chalky Shale-grn

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100



Ls-wht/lt grn, fxln, slightly ool, dense, poor vis por, chert-gry

A/A Shale-brown/gry

Ls-wht/lt gry, fxln, slightly ool, poor vis por, mostly dense, shale-gry

A/A

Ls-crm/wht, fxln, slightly ool, poor inner ool por, dense, shale-gry

A/A-chert-gry/buff

Ls-wht/crm, fxln, poor vi spor, slightly chalky

Black carbon shale

Ls-wht/lt gry, fxln, poor vis por, Shale-gry abundant Chert-gry

Base Kansas City 4046.0 (-1715.0) 0.0

Shale-gry/brwn/blk

Ls-crm/gry/tan, fxln, dense, poor vis por

A/A

Shale-mar/brwn/grn-slightly silty

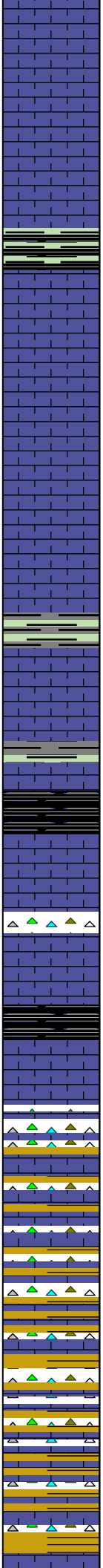
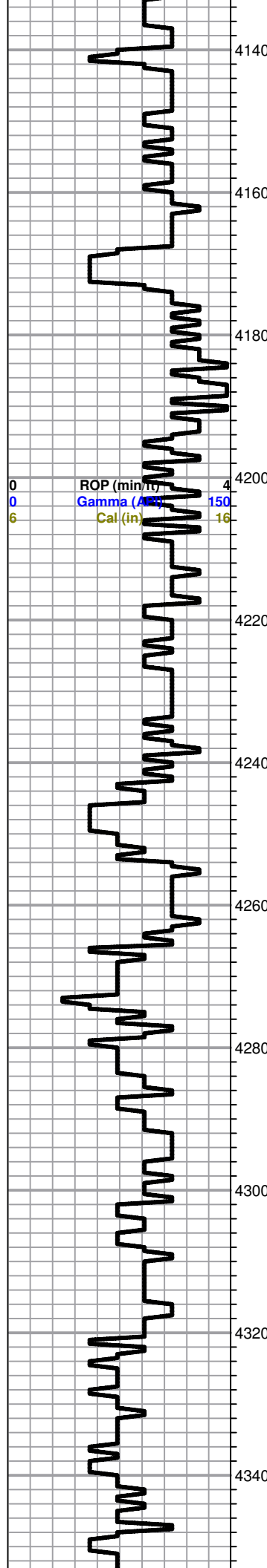
Marmaton 4086.0 (-1755.0) 0.0

Ls-crm/tan, fxln, poro vis por, dense, cherty

A/A Shale-gry/brwn

Ls-wht/lt gry, fxln, few fossils, poor vis por, chert-tan/gry

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100



A/A

Ls-crm/wht/lt gry, fxln, dense, poor vis por

Shale-mar/grn

Pawnee 4173.0 (-1842.0) 0.0

Ls-wht/crm, fxln, few fossils, dense, poor vis por,

A/A Trace black spotty stains, NSFO

Ls-gry/tan, fxln, dense, poor vis por,

A/A Shale-grn/gry

Ls-wht/gry, fxln, dense, poor vis por,
 Shale-gry/brwn

Black carbon shale

Fort Scott 4249.0 (-1918.0) 0.0

Ls-crm/gry, fxln ool, poor vis por

Ls-crm/tan, fxln ool, poor inner xln to finely vug por,
 dark brown stains, NSFO, no odor

Cherokee 4276.0 (-1945.0) 0.0

Black carbon Shale

Ls-gry/tan, fxln, dense, poor vis por, few fossils,
 chert- gry
 Shale-gry-silty

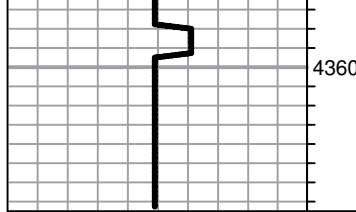
A/A

Ls-tan/gry, fxln, dense, poor vis por, chalky
 Chert-gry/buff,
 Shale-maroon/grn/nry

Chert-wht/gry

Ls-crm/gry, fxln, poor vis por, chalky, few fossils,

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100



4360



RTD 4360.0 (-2029.0) 0.0

