



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1213270  
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
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

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: \_\_\_\_\_

1213270

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

<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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Hembree, Robert F
Well Name	Petersilie 6
Doc ID	1213270

Tops

Name	Top	Datum
Anhydrite	1568	+762
Base Anhydrite	1612	+718
Heebner	3752	-1422
Toronto	3777	-1447
Lansing	3803	-1473
Base KC	4128	-1798
Marmaton	4162	-1832
Altamont	4191	-1861
Pawnee	4240	-1910
Fort Scott	4312	-1982
Cherokee	4338	-2008
Missippian	NA	NA
RTD	4450	-2120



# INVOICE

PO Box 93999  
Southlake, TX 76092

Invoice Number: 143405  
Invoice Date: May 19, 2014  
Page: 1

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

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

Customer ID	Field Ticket #	Payment Terms	
Hem	62965	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Great Bend	May 19, 2014	6/18/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Petersilie #6		
160.00	CEMENT MATERIALS	Class A Common	17.90	2,864.00
3.00	CEMENT MATERIALS	Gel	23.40	70.20
451.00	CEMENT MATERIALS	Chloride	0.80	360.80
172.99	CEMENT SERVICE	Cubic Feet Charge	2.48	429.02
78.90	CEMENT SERVICE	Ton Mileage Charge	2.60	205.14
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
10.00	CEMENT SERVICE	Pump Truck Mileage	7.70	77.00
10.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	44.00
1.00	CEMENT SUPERVISOR	Tim Dickson		
1.00	EQUIPMENT OPERATOR	Kevin Eddy		
1.00	EQUIPMENT OPERATOR	Daniel Casper		

Subtotal	5,562.41
Sales Tax	202.64
Total Invoice Amount	5,765.05
Payment/Credit Applied	
<b>TOTAL</b>	<b>5,765.05</b>

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

\$ 1,112.48

ONLY IF PAID ON OR BEFORE  
Jun 18, 2014

< 1112.48 >  
\$ 4,652.57

# ALLIED OIL & GAS SERVICE, LLC 062965

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Great Bend

DATE <u>5-19-14</u>	SEC. <u>12</u>	TWP. <u>20</u>	RANGE <u>24</u>	CALLED OUT <u>9:30 AM</u>	ON LOCATION <u>11:45 AM</u>	JOB START <u>12:15 PM</u>	JOB FINISH <u>1:20 PM</u>
LEASE <u>Peterini</u>		WELL # <u>6</u>	LOCATION <u>New City South to 40 Rd</u>		COUNTY <u>New</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)			<u>West, 1/4 North</u>				

CONTRACTOR Richell  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 T.D. 222'  
 CASING SIZE 8 7/8 DEPTH 222'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. 15'  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 13 bbls

OWNER Same  
 CEMENT AMOUNT ORDERED 160 lbs Class A  
3% cc, 2% ad

EQUIPMENT  
 PUMP TRUCK CEMENTER Tom Dickson  
 # 366 HELPER Kevin Eddy  
 BULK TRUCK  
 # 544-198 DRIVER Don Cooper  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON	<u>160</u>	@ <u>17.90</u>	<u>2,864.00</u>
POZMIX		@	
GEL	<u>30</u>	@ <u>23.40</u>	<u>70.20</u>
CHLORIDE	<u>451</u>	@ <u>.80</u>	<u>360.80</u>
ASC		@	
Materials Total			@ <u>3,295.00</u>
Disc ( <u>20%</u> )			<u>659.00</u>
Service			
HANDLING	<u>172.99</u>	@ <u>2.48</u>	<u>429.01</u>
MILEAGE	<u>7.89 x 10 x</u>	<u>2.60</u>	<u>205.14</u>

**REMARKS:**

Ran 222' of 8 7/8 cas. Base cementation  
Pumped 5 bbls #20 V Mixed 160 lbs  
Class A 3% cc, 2% ad. Displaced  
with #20.  
Cement Not Circulate

DEPTH OF JOB	<u>222'</u>		
PUMP TRUCK CHARGE			<u>1512.25</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>Hum 10</u>	@ <u>7.70</u>	<u>77.00</u>
MANIFOLD		@	
	<u>Hum 10</u>	@ <u>4.40</u>	<u>44.00</u>
		@	

CHARGE TO: Robert F. Henderson  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL 2,267.40  
 (20%) 453.48

**PLUG & FLOAT EQUIPMENT**

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

(0%) TOTAL 0

To: Allied Oil & Gas Services, LLC.  
 You are hereby requested to rent cementing equipment and furnish cement 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.

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES 5,562.40  
 DISCOUNT 1,112.48 (20/20/0) IF PAID IN 30 DAYS  
4,449.92

PRINTED NAME Kirk F Denning  
 SIGNATURE Kirk F Denning



PO Box 93999  
Southlake, TX 76092

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

# INVOICE

Invoice Number: 143403

Invoice Date: May 24, 2014

Page: 1

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

Customer ID	Field Ticket #	Payment Terms	
Hem	62941	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Great Bend	May 24, 2014	6/23/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Petersilie #5		
132.00	CEMENT MATERIALS	Class A Common	17.90	2,362.80
88.00	CEMENT MATERIALS	Pozmix	9.35	822.80
8.00	CEMENT MATERIALS	Gel	23.40	187.20
55.00	CEMENT MATERIALS	Flo Seal	2.97	163.35
236.99	CEMENT SERVICE	Cubic Feet Charge	2.48	587.74
98.80	CEMENT SERVICE	Ton Mileage Charge	2.60	256.88
1.00	CEMENT SERVICE	Rotary Plug	2,213.75	2,213.75
10.00	CEMENT SERVICE	Pump Truck Mileage	7.70	77.00
10.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	44.00
1.00	CEMENT SUPERVISOR	Joshua Isaac		
1.00	EQUIPMENT OPERATOR	Ben Newell		
1.00	OPERATOR ASSISTANT	Brian Lang		

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

\$ 1,343.10

ONLY IF PAID ON OR BEFORE  
Jun 23, 2014

Subtotal	6,715.52
Sales Tax	413.00
Total Invoice Amount	7,128.52
Payment/Credit Applied	
<b>TOTAL</b>	<b>7,128.52</b>

< 1343.10 >  
\$ 5,785.42





## Geologist's Report

Company: Hembree, Robert F.

Lease: Petersilie #6

Field: Petersilie Northeast

Surface Location: N2-NE-SE-SE (1108' FSL & 330' FEL)

Sec: 12 Twp: 20S Rge: 24W

County: Ness State: Kansas

GL: 2323' KB: 2330'

Contractor: Pickrell Drilling Rig #10

Spud: 5/19/14 Comp: 5/24/14

RTD: 4450' LTD:

Mud Up: +/- 3400' Mud Type: Chemical Displaced

Drilling Time Kept From: 3650' to RTD

Samples Saved From: 3650' to RTD

Samples Examined: 3700' to RTD

Geological Supervision: 3950' to RTD

Geologist on Well: Kurt Talbott

Surface Casing: 8 5/8"@ 222'

Production Casing: None

Wireline Logs: None








## Image Header 02

	PETERSILIE #6		PETERSILIE #4		PETERSILIE #3	
	2330 KB		2329 KB		2330 KB	
FORMATION	MD	MD SS	Log	SS	MD	SS
ANHYDRITE						
BASE ANHY						
HEEBNER	3752	-1422	3750	-1421	3752	-1422
TORONTO	3777	-1447	3778	-1449	3769	-1439
LANSING	3803	-1473	3799	-1470	3799	-1469
BASE KC	4128	-1798	4121	-1792	4118	-1788
MARMATON	4162	-1832	4157	-1828	4155	-1825
ALTAMONT	4191	-1861	4185	-1856	4186	-1856
PAWNEE	4240	-1910	4234	-1905	4230	-1900
FORT SCOTT	4312	-1982	4309	-1980	4306	-1976
OSAGE	4322	-1992	4322	-1992	4322	-1992



CHEROKEE	4338	-2008	4333	-2004	4327	-1997
MISSISSIPPIAN	NA	NA	4422	-2093	4414	-2084
TOTAL DEPTH	4450	-2120	4484	-2155	4422	-2092

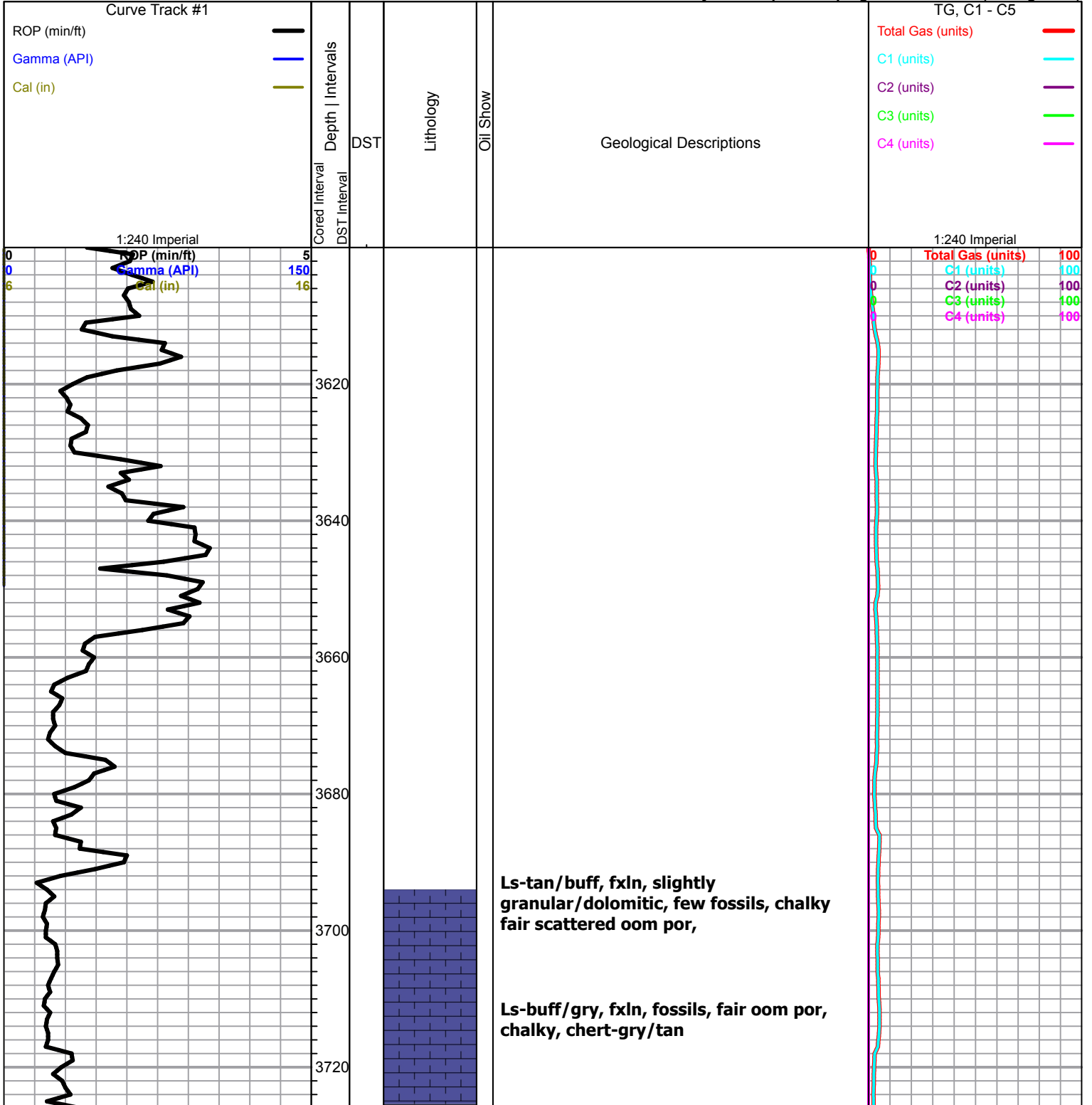
**ROCK TYPES**

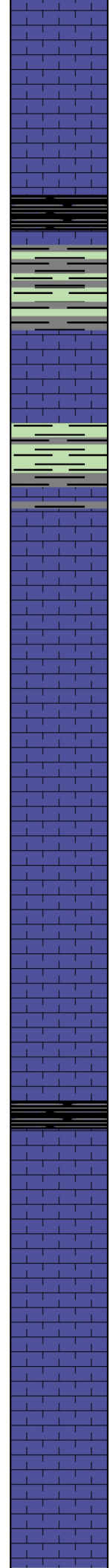
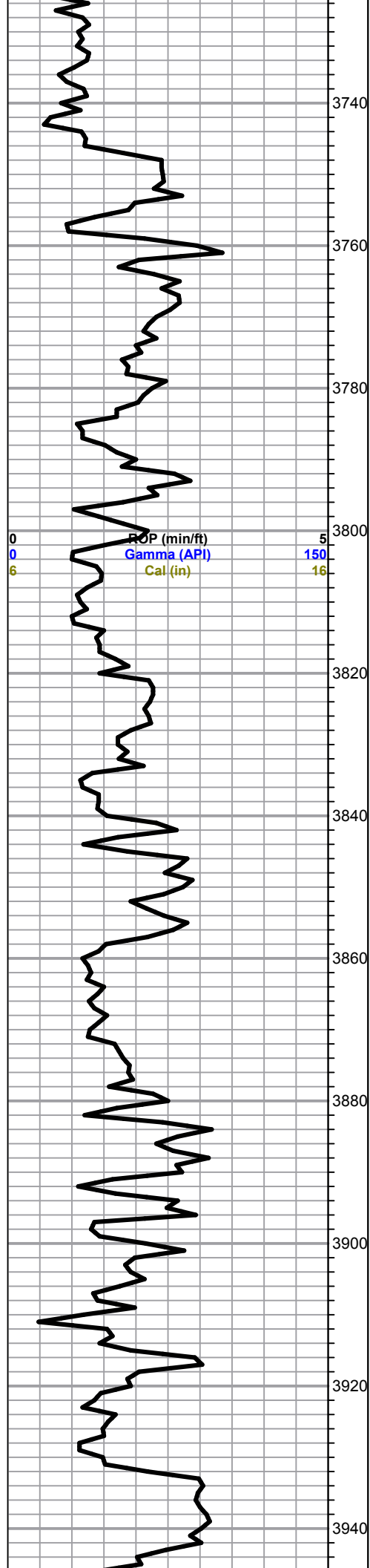
 Congl	 shale, grn	 Carbon Sh	 Ss
 Lmst fw<7	 shale, gry	 shale, red	

**OTHER SYMBOLS**

<b>EVENTS</b>	<b>INTERVALS</b>	<b>DST</b>
⌋ Casing Shoe	■ Core	■ DST Int
▽ RTF	· DST	■ DST alt
▶ Sidewall		
▶ Left Casing Shoe		
▶ Right Casing Shoe		

Printed by GEOstrip VC Striplog version 4.0.8.9 (www.grsi.ca)





A/A slightly dolomitic  
chert-gry/tan,

**Heebner 3752.0 (-1422.0) 0.0**

Black carbon shale

**Toronto 3777.0 (-1447.0) 0.0**

Ls-gry/tan, fxln, few fossils/ool, dense  
poor scattered por, Chalky  
Shale-brwn/gry

**Lansing 3803.0 (-1473.0) 0.0**

Ls-wht, fine to med xln, few fossils,  
scattered por, chalky

Ls-wht/lt gry, fxln, fossils/ool, dense,  
poor vis por, chalky

Ls-crm/wht, fxln, dense, poor scattered  
por, chalky

Ls-wht/lt gry, fxln, fossils, chalky, poor  
vis por,

Ls-wht/lt gry, fxln, ool, scattered iner ool  
to sub oom por, chalky

A/A Chert- gry  
Black carbon shale

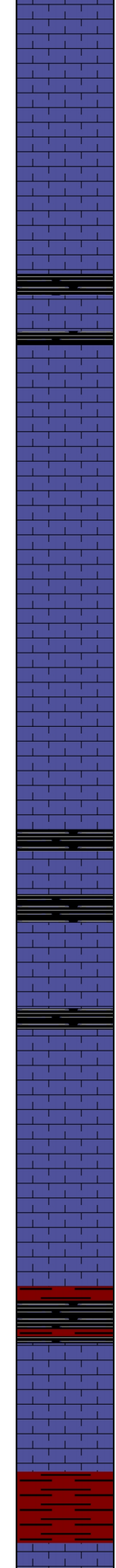
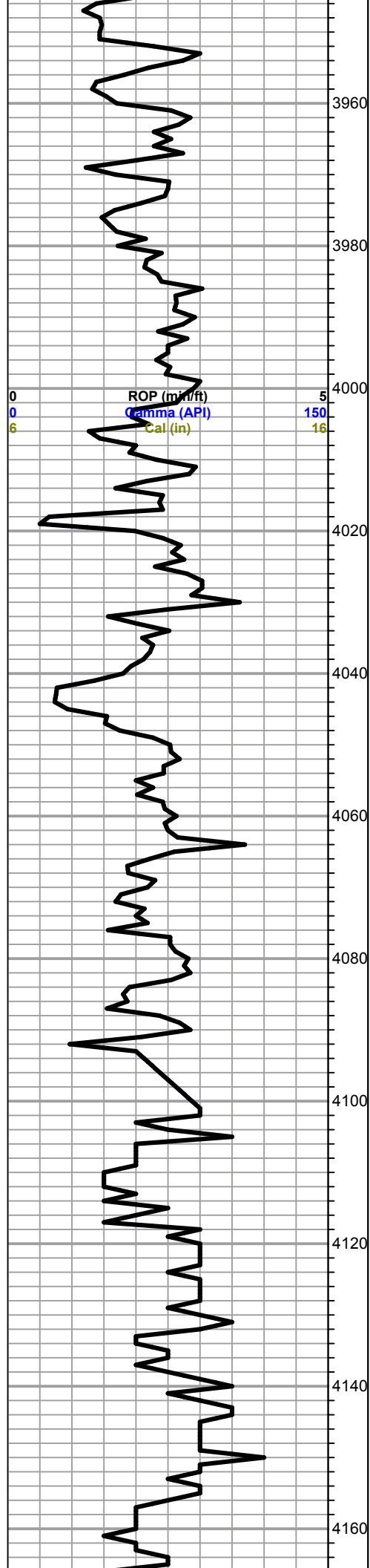
Ls-crm/tan, fxln, chalky, few fossils,  
chert-gry

Ls-crm/tan, fxln, ool/fossils, poor  
scattered por, chalky no vis shows

Ls-wht/crm, fxln, fossils/ool, oom, fair to  
good oom por, chalky, no vis shows

Ls-crm/tan, fxln, ool, dense, poor vis por,  
cherty in part, chert-tan/gry

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



A/A

Ls-tan/lt gry, fxln, dense, cherty in part, few fossils, poor vis por, black carbon shale

Ls-crm/tan, fxln, ool, oom, scattered oom por, cahiky

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

Ls-wht/crm, ool, oom, chalky, oom por, barren

Ls-tan/lt gry, flxn, dense, poor vis por, cherty in part, chalky, Trace black carbon shale

Black carbon shale

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

A/A few sparry calvite cement

Base KC 4128.0 (-1798.0) 0.0

Black carbon shale

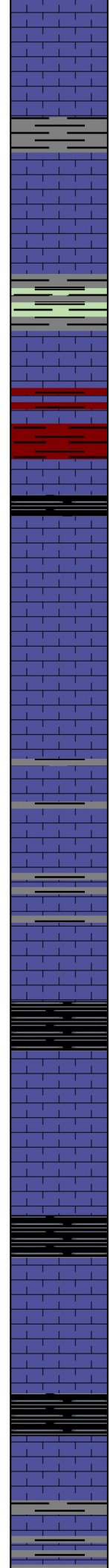
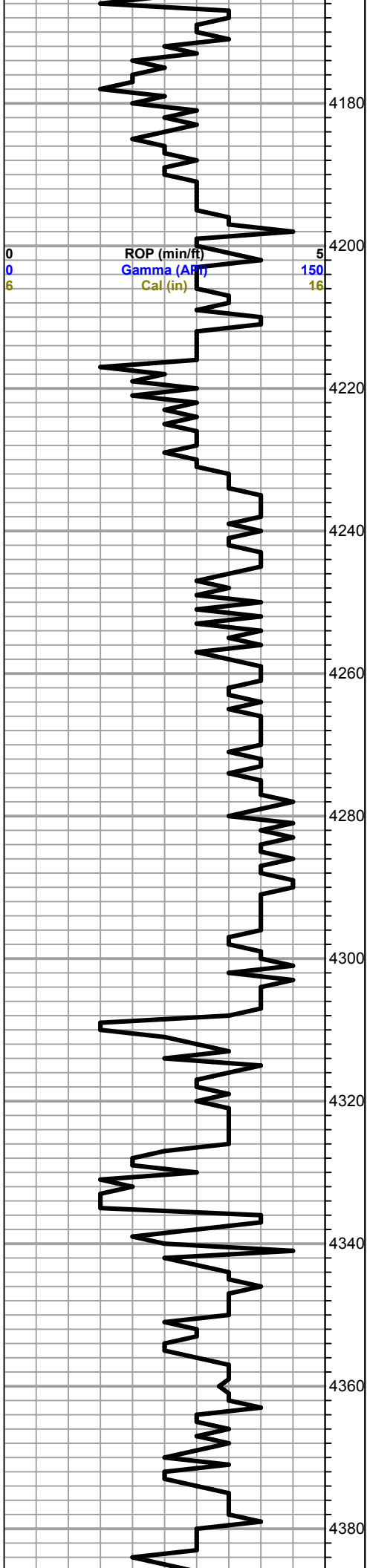
Ls-wht/gry chalky trace wht chert-fossils

A/A

Shale-gry/maroon

Marmaton 4162.0 (-1832.0) 0.0

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



Ls-wht/crm, fxln, few fossils, sub oom in part, poor vis por, n/s

**Altamont 4191.0 (-1861.0) 0.0**

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

Gry/grn shale

Ls- wht/crm, fxln, few fossils, cahlky

Shale-maroon/grn

**Pawnee 4240.0 (-1910.0) 0.0**

Ls-wht/crm, fxln, ool, chalky, dense, boney wht cherty

Ls-wht/gry, fxln, chalky, chert-gry

A/A

A/A few shaley in part

Black carbon shale

**Fort Scott 4312.0 (-1982.0) 0.0**

Ls-tan/crm, fxln, ool/fossils in part, scattered iner xln to iner ool pro, brown to dull brown stains, SFo, faint to fair odor

Ls-crm/wht, fxln, chalky, chert crm/wht-fossils

**Cherokee 4338.0 (-2208.0) 0.0**

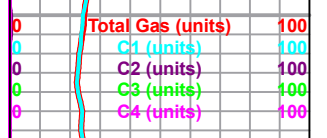
Black carbon shale

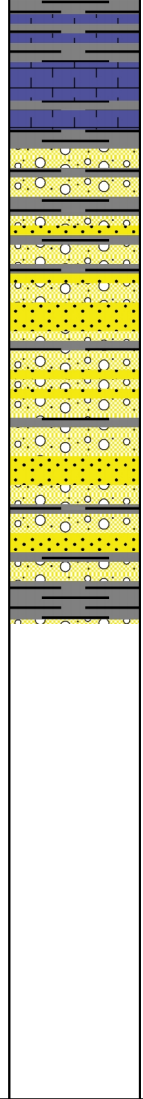
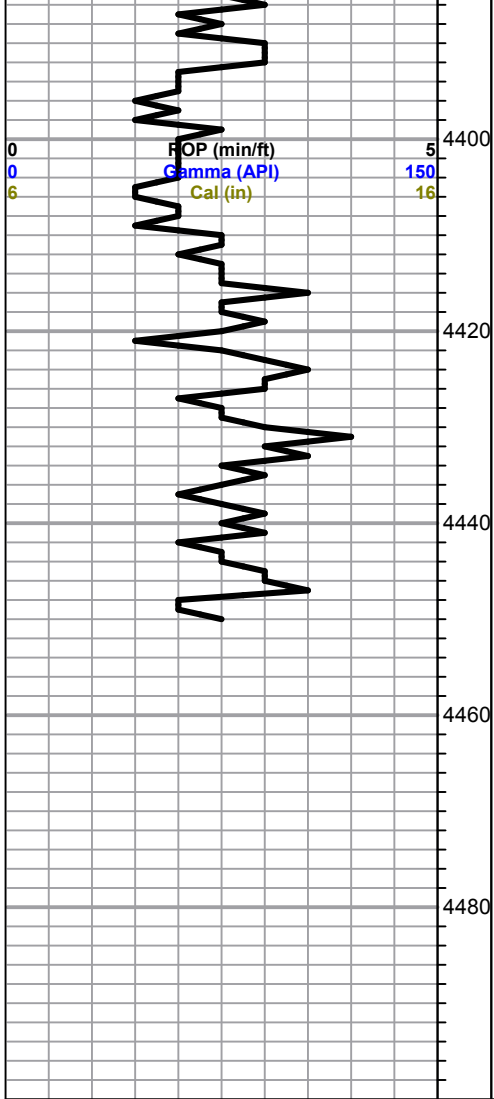
Ls-wht/crm, fxln, few ool, chalky, poor vis por,

Shale-gry/blk

Ls-tan/gry, fxln, few cherty, Trace FeS2

Grev limev shale





Grey limy shale

A/A

**Conglomerate 4404.0 (-2074.0) 0.0**

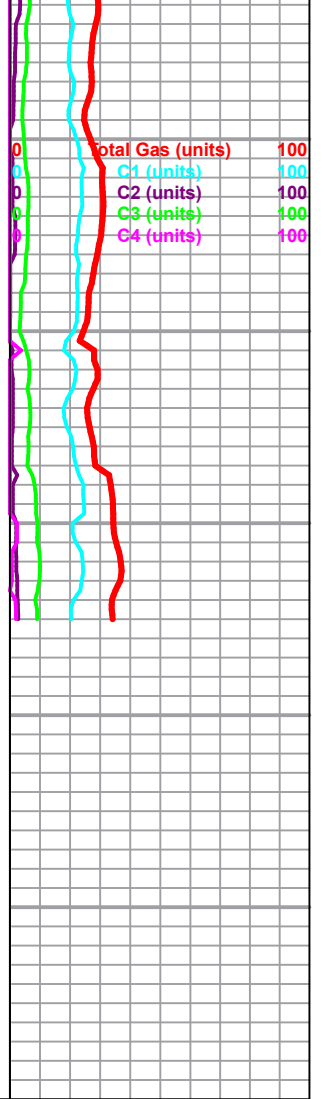
Trace wht/gry/amber cherty, weathered, semi trip, Scattered stains, TrSFO, faint odor

Trace sand, wht- very fine grained, shaley in part, glauc,

Sand-wht/clear, vfg sub round, friable in part, black dead stains, NSFo  
A/A vc chert

A/A

**Total Depth 4450.0 (-2120.0) 0.0**



# PICKRELL DRILLING COMPANY, INC.

100 SOUTH MAIN – SUITE 505  
WICHITA, KANSAS 67202-3738  
(316) 262-8427 - FAX 262-0893

#6 Petersilie  
N2 NE SE SE  
Section 12-20S-24W  
Ness County, Kansas  
Operator: Robert F. Hembree

Projected RTD: 4490'

API#: 15-135-25767-00-00  
1108' From South Line of Section  
330' From East Line of Section  
ELEV: 2330'KB, 2328'DF, 2323'GL  
Contractor: Pickrell Drilling Co. Inc. Rig # 10

- 5-16-14: MI & RURT. SDFWE. Will Spud on Monday (5/19).
- 5-19-14: Spud @ 7:15 AM. Drl'd. 12 1/4" Surface hole to 222'KB. SHT @ 222' = 1/2°. Ran 5 jts. of New 8 5/8" 20# surface casing set @ 220' (tally was 210'), cmt w/160sx Class A, 2% gel, 3% CC. PD @ 1:00 PM on 5-19-14. WOC approx. 8 hrs.
- 5-20-14: Drlg. ahead @ 996'. SHT @ 715' = 3/4°.
- 5-21-14: Drlg. ahead @ 2480'. SHT @ 1371' = 1°, at 1808' = 1/4°, at 2308' = 1/2°.
- 5-22-14: Drlg. ahead @ 3360'. SHT @ 2808 = 1°.
- 5-23-14: Depth 3933'. Filling premix tank. Made BT @ 3558'. SHT @ 3558' = 1/4°.
- 5-27-14: (On 5-24) TD 4401'. (On 5-25) RTD 4450'. No E-Logs ran. P&A well as follows: 50sx @ 1615', 80sx @ 770', 40sx @ 250', 20sx @ 60', 30sx in RH of 60-40 poz, 4% gel w/1/4#FC/sx. Plugging completed @ 7:00 PM on 5/24/14. Plugging permission from Ken Jehlik on 5/21-14 @ 2:15 PM. Allied ticket #62965. **Final Report.**

## SAMPLE TOPS

T/Anhydrite 1568 (+ 762)  
B/Anhydrite 1612 (+ 718)