



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1233534
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: _____

1233534

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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	--	---

Form	ACO1 - Well Completion
Operator	Falcon Exploration, Inc.
Well Name	CIRCLE N TRUST 1-6(SE)
Doc ID	1233534

All Electric Logs Run

DIL
MEL
BHCS
CNL/CDL

Form	ACO1 - Well Completion
Operator	Falcon Exploration, Inc.
Well Name	CIRCLE N TRUST 1-6(SE)
Doc ID	1233534

Tops

Name	Top	Datum
STOTLER	3525	-686
TARKIO	3582	-743
LANSING	4220	-1381
PAWNEE	4812	-1973
MORROW SH	5064	-2225
MORROW SD	5074	-2235
ST GEN	5182	-2343
ST LOUIS	5286	-2447



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: circle1-6dst1

TIME ON: 8-31 16:09
TIME OFF: 09-01 00:24

Company Falcon Exploration Lease & Well No. Circle N Trust #1-6
Contractor Sterling Drilling Rig #3 Charge to Falcon Exploration
Elevation 2839 KB Formation Morrow Effective Pay -- Ft. Ticket No. S0491
Date 8-31-14 Sec. 6 Twp. 28 S Range 30 W County Gray State KANSAS
Test Approved By Keith Reavis Diamond Representative Jacob McCallie

Formation Test No. 1 Interval Tested from 5064 ft. to 5085 ft. Total Depth 5085 ft.

Packer Depth 5059 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Packer Depth 5064 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 5045 ft. Recorder Number 5515 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 5067 ft. Recorder Number 5586 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 49 Drill Collar Length 216 ft. I.D. 2 1/4 in.

Weight 9.45 Water Loss 11.2 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in.

Chlorides 2,100 P.P.M. Drill Pipe Length 4815 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number 4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out No Anchor Length 21 ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB- Died in 5 min **NOBB**

2nd Open: No Blow- Flushed 15 min into-good surge-Died in 30 min **NOBB**

Recovered 58 ft. of MUD 100% M

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

TOOL SAMPLE: 100% M Total _____

Time Set Packer(s) 6:44 PM ^{A.M.}/_{P.M.} Time Started Off Bottom 9:49 PM ^{A.M.}/_{P.M.} Maximum Temperature 123

Initial Hydrostatic Pressure..... (A) 2541 P.S.I.

Initial Flow Period..... Minutes 5 (B) 12 P.S.I. to (C) 14 P.S.I.

Initial Closed In Period..... Minutes 60 (D) 65 P.S.I.

Final Flow Period..... Minutes 30 (E) 17 P.S.I. to (F) 49 P.S.I.

Final Closed In Period..... Minutes 90 (G) 72 P.S.I.

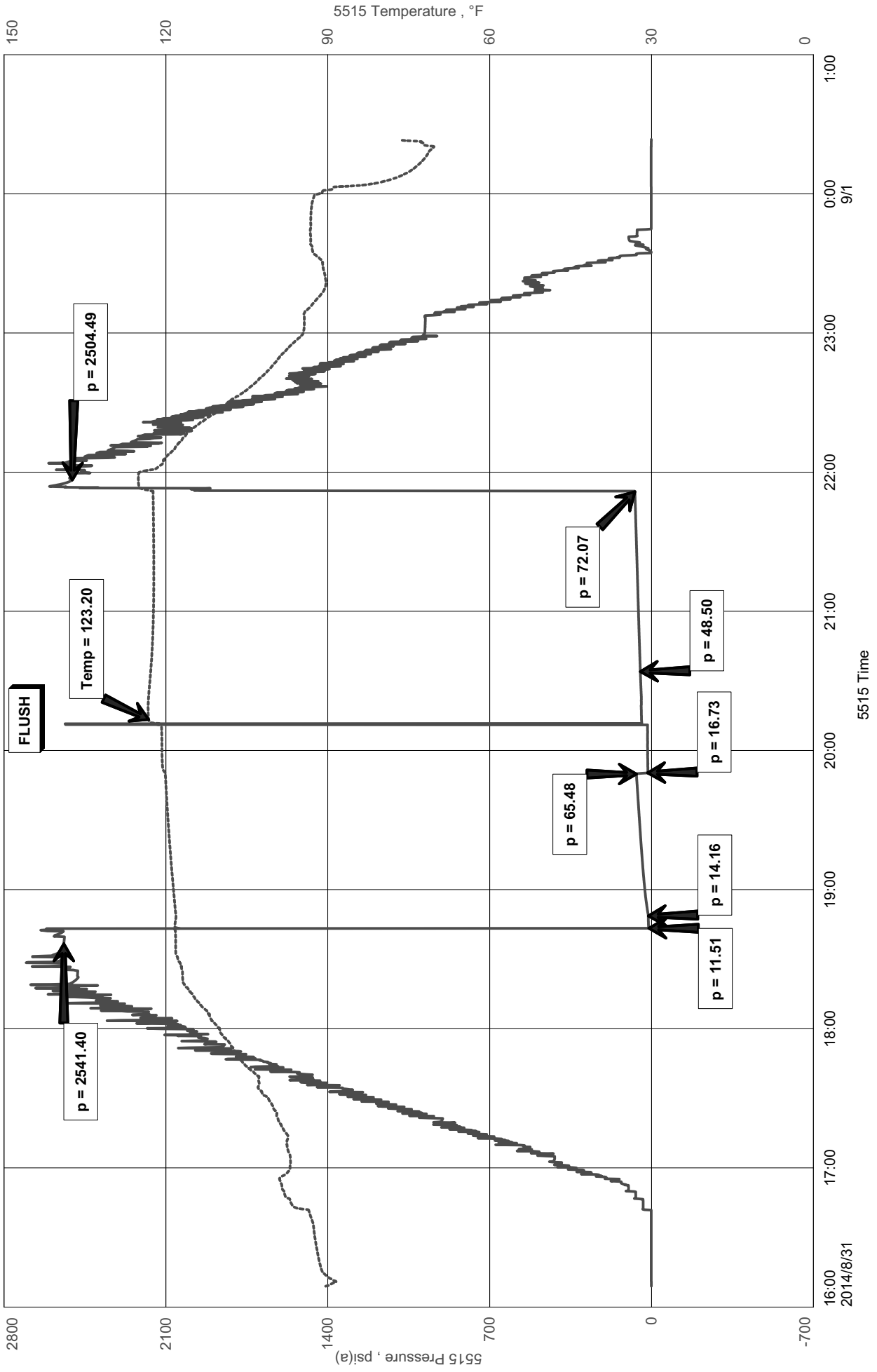
Final Hydrostatic Pressure..... (H) 2504 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Falcon Exploration
DST #1 Morrow 5064-5085'
Start Test Date: 2014/08/31
Final Test Date: 2014/09/01

Circle N Trust #1-6
Formation: DST #1 Morrow 5064-5085'
Pool: Pool Ext
Job Number: S0491

Circle N Trust #1-6



Diamond Testing LLC

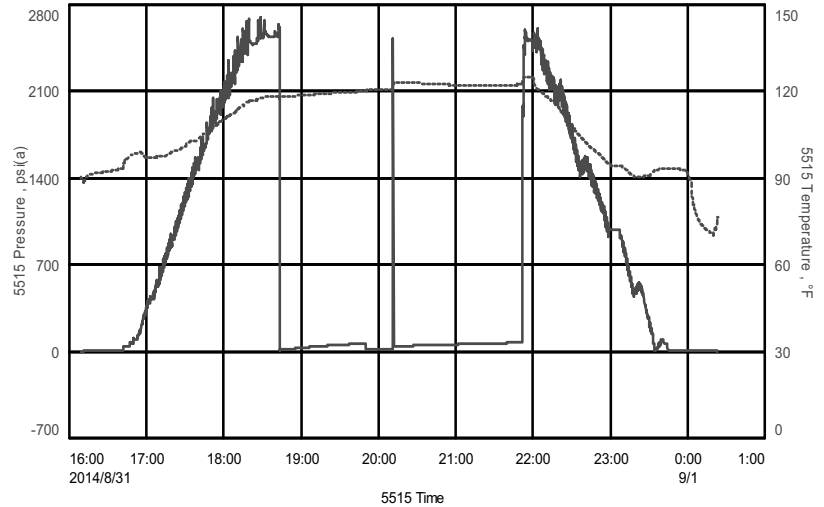
General Information Report

Jacob McCallie
620-617-7116
mccallie.dtlc@gmail.com

General Information

Company Name Falcon Exploration
Contact Cynde Wolf
Well Name Circle N Trust #1-6
Unique Well ID DST #1 Morrow 5064-5085'
Surface Location SEC 6-28S-30W Gray County
Field Colusa South
Well Type Vertical
Test Type Drill Stem Test
Formation DST #1 Morrow 5064-5085'
Well Fluid Type 01 Oil
Start Test Date 2014/08/31
Start Test Time 16:09:00
Final Test Date 2014/09/01
Final Test Time 00:24:00
Job Number S0491
Representative Jacob McCallie
Report Date 2014/08/31
Qualified By Keith Reavis

Circle N Trust #1-6



Test Results

RECOVERY: 58' MUD 100% M

TOOL SAMPLE: 100%M



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: circle1-6dst2

TIME ON: 09:00
 TIME OFF: 21:31

Company Falcon Exploration Lease & Well No. Circle N Trust #1-6
 Contractor Sterling Drilling Rig #3 Charge to Falcon Exploration
 Elevation 2839 KB Formation St. Louis Effective Pay -- Ft. Ticket No. S0492
 Date 9-2-14 Sec. 6 Twp. 28 S Range 30 W County Gray State KANSAS
 Test Approved By Keith Reavis Diamond Representative Jacob McCallie

Formation Test No. 2 Interval Tested from 5270 ft. to 5330 ft. Total Depth 5330 ft.

Packer Depth 5265 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Packer Depth 5270 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 5251 ft. Recorder Number 5515 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 5273 ft. Recorder Number 5586 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 55 Drill Collar Length 216 ft. I.D. 2 1/4 in.

Weight 9.15 Water Loss 8.4 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in.

Chlorides 1,400 P.P.M. Drill Pipe Length 5021 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number 4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out No Anchor Length 60 (28A) ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: 1/4" Blow- Built to 4 1/2" in 5 min WSBB

2nd Open: 2" Blow- Built to BB in 3 min BBBB

Recovered 3116 ft. of GIP

Recovered 162 ft. of SLGCHMCO 10% G 55% O 35% M

Recovered 175 ft. of CO 100% O GRAVITY: 27 @ 60 degrees F

Recovered 12 ft. of SLGCM 12% G 88% M

Recovered 349 ft. of TOTAL FLUID

Recovered _____ ft. of _____

Remarks: _____

TOOL SAMPLE: 5% G 45% O 50% M

Time Set Packer(s) 11:55 AM ^{A.M.}/_{P.M.} Time Started Off Bottom 6:00 PM ^{A.M.}/_{P.M.} Maximum Temperature 129

Initial Hydrostatic Pressure..... (A) 2538 P.S.I.

Initial Flow Period..... Minutes 5 (B) 15 P.S.I. to (C) 54 P.S.I.

Initial Closed In Period..... Minutes 90 (D) 1481 P.S.I.

Final Flow Period..... Minutes 90 (E) 68 P.S.I. to (F) 161 P.S.I.

Final Closed In Period..... Minutes 180 (G) 1475 P.S.I.

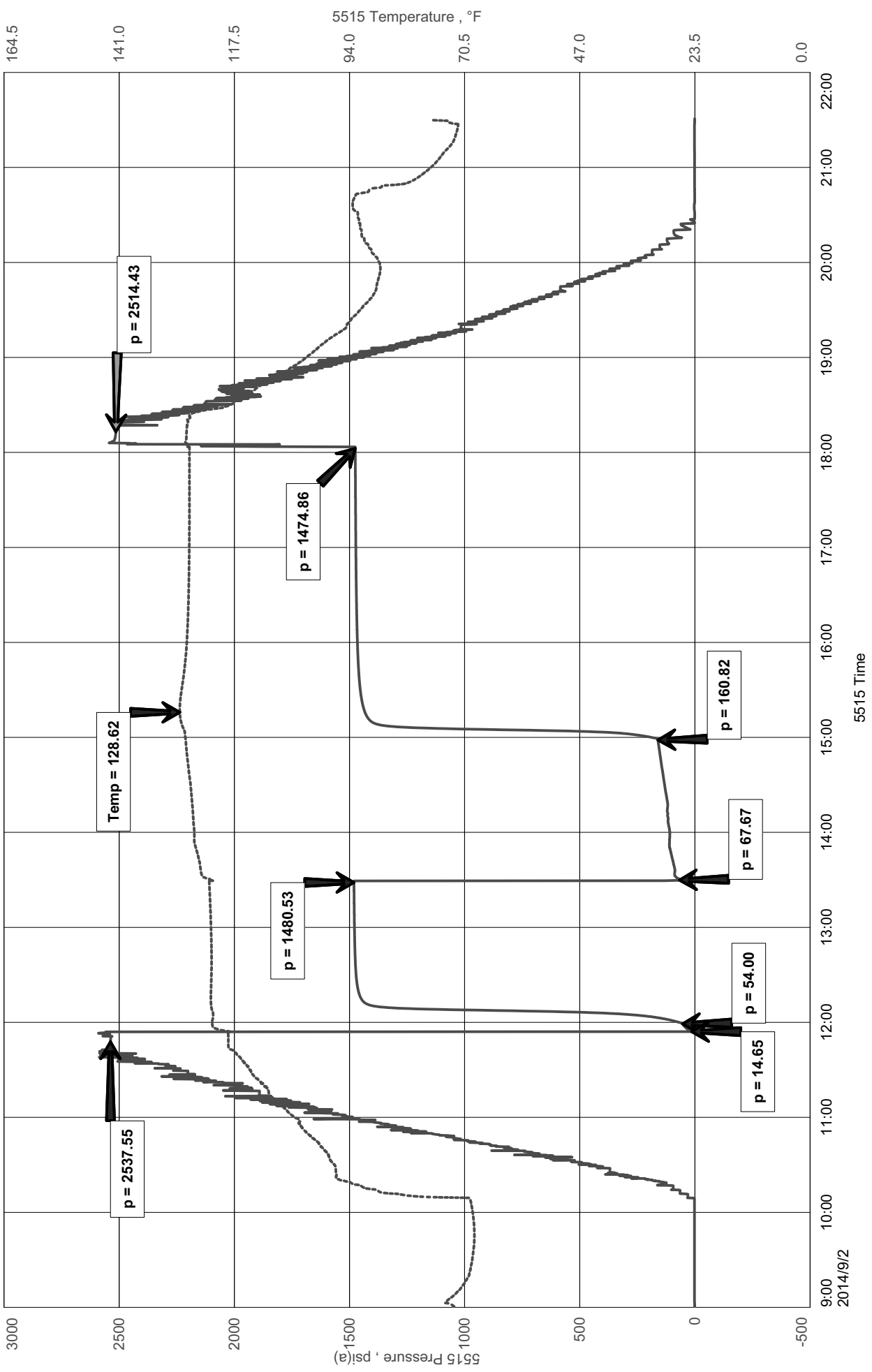
Final Hydrostatic Pressure..... (H) 2514 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Falcon Exploration
DST #2 St. Louis 5270-5330'
Start Test Date: 2014/09/02
Final Test Date: 2014/09/02

Circle N Trust #1-6
Formation: DST #2 St. Louis 5270-5330'
Pool: Pool Ext.
Job Number: S0492

Circle N Trust #1-6



Diamond Testing LLC

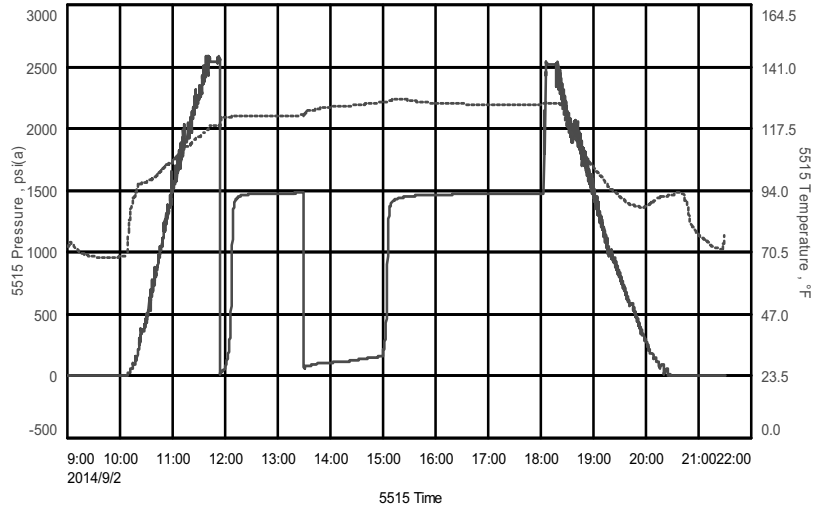
General Information Report

Jacob McCallie
620-617-7116
mccallie.dtlc@gmail.com

General Information

Company Name Falcon Exploration
Contact Cynde Wolf
Well Name Circle N Trust #1-6
Unique Well ID DST #2 St. Louis 5270-5330'
Surface Location SEC 6-28S-30W Gray County
Field Colusa South
Well Type Vertical
Test Type Drill Stem Test
Formation DST #2 St. Louis 5270-5330'
Well Fluid Type 01 Oil
Start Test Date 2014/09/02
Start Test Time 09:00:00
Final Test Date 2014/09/02
Final Test Time 21:31:00
Job Number S0492
Representative Jacob McCallie
Report Date 2014/09/02
Qualified By Keith Reavis

Circle N Trust #1-6



Test Results

RECOVERY:

3116'	GIP	
162'	SLGCHMCO	10% G 55% O 35% M
175'	CO	100% O GRAVITY: 27 @ 60 degrees F
12'	SLGCM	12% G 88% M
349'	TOTAL FLUID	

TOOL SAMPLE:

5% G 45% O 50% M



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

Well Name: CIRCLE N TRUST # 1-6 (SE)
API: #15-069-20,481-00-00
Location: NE-SW-NW-SE 1/4 of SEC. 6 - 28 S. - 30 W.
License Number: KCC # 5316
Spud Date: 08/25/2014
Surface Coordinates: 1850' FSL & 2175' FEL

Region: GRAY CO., KS.
Drilling Completed:

**Bottom Hole
Coordinates:**
Ground Elevation (ft): 2828' **K.B. Elevation (ft):** 2838'
Logged Interval (ft): **To:** **Total Depth (ft):**
Formation:
Type of Drilling Fluid: CHEMICAL/POLYMER/GEL. & MUD DISPLACEMENT @ 2949'.

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Falcon Exploration, Inc. KCC KCC. # 5316
Address: 125 North Market Street, Ste. #1252
Wichita, Kansas 67202

GEOLOGIST

Name: David P. Williams, P.G.
Company: DW Energy, LLC (DWE)
Address: 312 North Broadview Street
Wichita, Kansas 67208


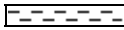

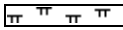

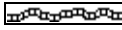




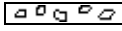







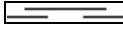




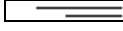
CASING & DEVIATION

Surface Casing: Spud at 2:30 AM on 08/25/14. Drilled 12-1/4" to 1845'. Ran 43 joints of new 24#, 8-5/8" casing. Tallied 1826'. Set at 1840' KB. Welded straps on GS & bottom 3 joints, then tack welded all collars. Cemented with 460 sksA-Conn; 3% CC, 1/4# FS. Tailed with 150 sks Premium. Cement did circulate. Plug down at 10:45 PM on 08/27/14 Basic Energy Svcs Cementing ticket #06107. Centralozers (6) 3;14;16;27;33;38. Baskets (3) 3;17;22.









































































DSTs

Comments

























ROCK TYPES

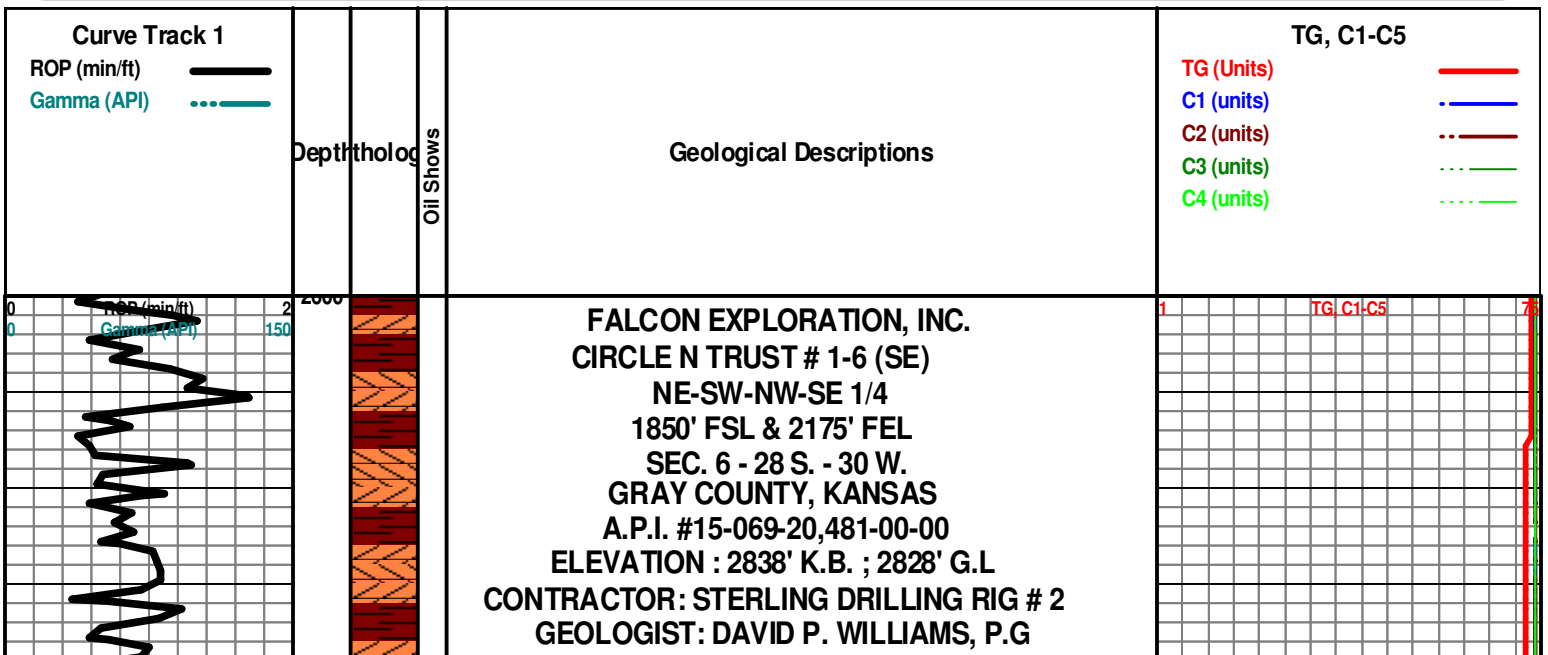
 Anhy	 Clyst	 Gry shale	 Mrlst	 Shgy
 Bent	 Coal	 Gyp	 Red shale	 Sltst
 Brec	 Congl	 Igne	 Salt	 Ss
 Carb sh	 Dol	 Lmst	 Shale	 Till
 Cht	 Grn sh	 Meta	 Shcol	

ACCESSORIES

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

OTHER SYMBOLS

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



Geologist On Location @ 3092' @ 9:40 AM 08-29-2014
Stone Coral Anhydrite Sample Top = 1775' (+1063)
Stone Coral Anhydrite Sample Base = 1792' (+1046)

Deviation Surveys Taken: @ 1845' = 1 degree;

2650

CHASE GROUP 2673' (+ 165)

2700

KRIDER 2696' (+ 142)

2750

WINFIELD 2746' (+ 92)

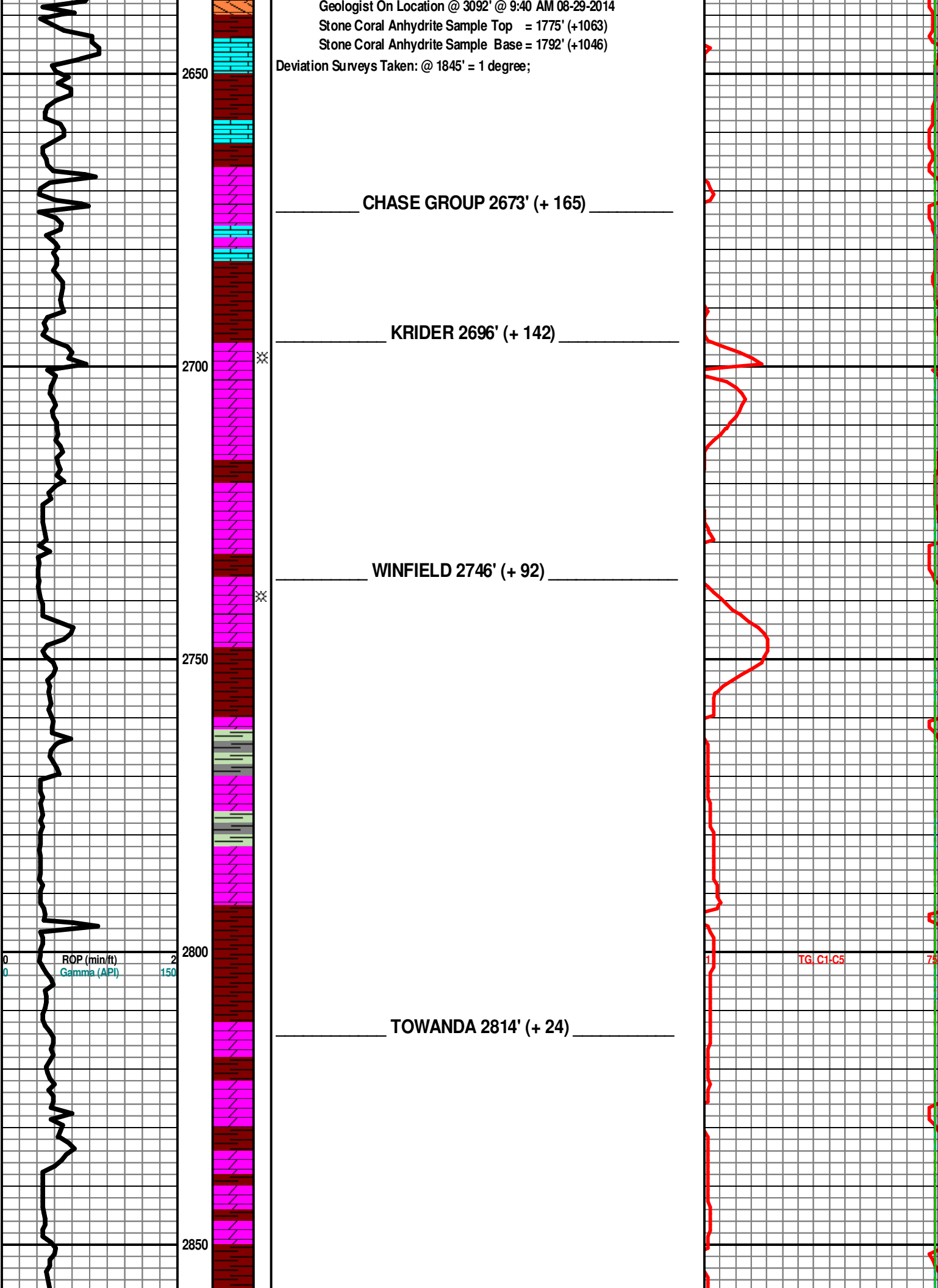
2800

TOWANDA 2814' (+ 24)

2850

ROP (min/ft) 2
Gamma (API) 150

TG C1-C5 75



Geologist On Location @ 3092' @ 9:40 AM 08-29-2014

3100

Ls Crm-Gry-Wht MicroIn-FxIn Poor Pin-Pt IxIn Por Grad Dns Micrite Cht
Gry Op Shp Vit Chalky Sh Gry-Red Soft No Odor No Stn No Flor NS

COTTONWOOD 3120' (-282)

3150

Ls Wht-Crm-Gry MicroIn Dns Micrite Cht Gry Op Shp Vit Chalky Sh
Red-Char-Gry Soft No Odor No Stn No Flor NS

NEVA 3176' (- 338)

3200

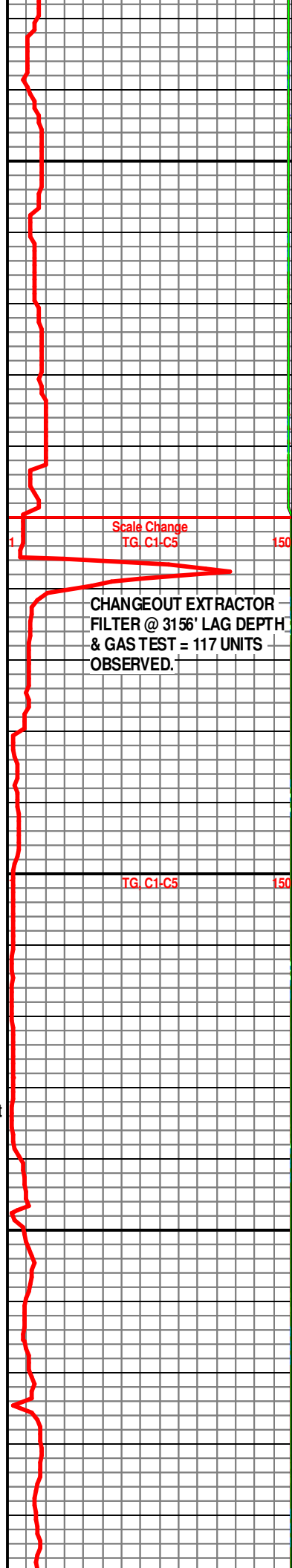
Ls Crm-Tan FxIn-MicroIn Dns Micrite Grad Fair IxIn Fos (Crin) IGran Por
(w/Tr Vug Leaching) Cht Gry Op Shp Vit Chalky Sh Char-Gry-Red Tr Soft No
Odor No Stn No Flor NS

3250

Ls Crm-Tan FxIn-MicroIn Dns Micrite Grad Poor IxIn Por Cht Blk Op Shp Vit
Sh Red-Char-Gry Soft No Odor No Stn No Flor NS

FORAKER 3274' (- 436)

Ls Gry-Crm-Wht FxIn-MicroIn Dns Micrite Grad Poor IxIn Por Cht Wht Op
Shp Vit Pyr Mass Sh Char-Grn/Gry-Red Soft No Odor No Stn No Flor NS



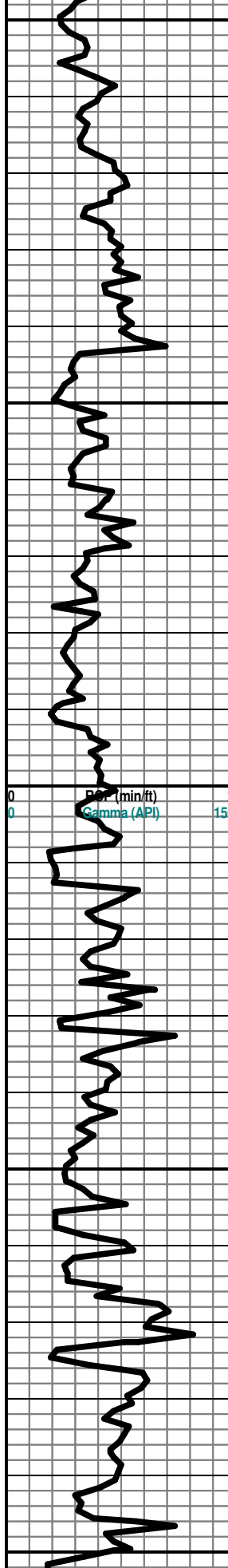
Scale Change
TG C1-C5

CHANGEOUT EXTRACTOR
FILTER @ 3156' LAG DEPTH
& GAS TEST = 117 UNITS
OBSERVED.

TG C1-C5

ROP (min/ft)
Gamma (API)

3300
3350
3400
3450
3500



Ls Wht-Crm-Gry Microxln-Fxln Poor Ixln Por Dns Micrite (w/Pyr Includ) Cht Wht Op Shp Vit Sh Char-Grn/Gry-Red Soft No Odor No Stn No Flor NS

Ls Wht-Crm-Gry Fxln Poor Ixln Por Dns Micrite Cht Wht Transp- Op Shp Vit Chalk Sh Char-Grn/Gry-Red Soft- Fissil No Odor No Stn No Flor NS

Ls Crm-Wht-Gry Fxln Poor Ixln Por Dns Micrite Cht Wht-Clear Transp-Op Shp Vit Chalk Sh Char-Grn/Gry-Red Soft-Fissil No Odor No Stn No Flor NS

FALL CITY 3413' (- 575)

Ls Wht-Crm-Gry Fxln Grad Pin-Pt Por Fair-Med Ixln Por Grad Poor OOM Por (w Small OOids in pl) Fair Leaching Cht Gry Op Shp Vit Fos (Fuss) Sh Char-Grn/Gry Fissil No Odor No Stn No Flor NS

Ls Wht-Crm-Gry Fxln Grad Pin-Pt Por Fair-Med Ixln Por Grad Poor OOM Por (w Small OOids in pl) Fair Leaching Cht Wht-Gry Op Shp Vit Fos (Fuss) Sh Char-Grn/Gry Fissil No Odor No Stn No Flor NS

ROOT SHALE 3500' (- 662)

Sh Red-Char-Grn/Gry Soft-Fissil Ls Wht-Crm-Gry Microxln Dns Micrite Cht Wht AA Op Shp Vit No Odor No Stn No Flor NS

Mudco Ck @ 3389'
@ 1:30 PM 8/29/14
Vis= 55;
WT= 8.6#;
PV= 17;
YP= 21;
WL= 10.0;
Cake= 1;
Chl= 5800;
Cal = 20;
Sol= 1.9%.
LCM= 2#;
DMC=\$4,978.20;
CMC=\$9,630.90.

TG C1-C5 150

STOTLER 3528' (- 690)

3550

LS Wht-Crm-Gry Microxln Dns Micritic Sh Grn-Red Soft No Odor Sli ? Min Flor No Stn NS

TARKIO 3578' (- 740)

3600

LS Wht-Crm-Gry Microxln Dns Micritic Sh Grn-Red Soft No Odor Sli ? Min Flor No Stn NS

ROP (API) 2
Gamma (API) 150

TG C1-C5 150

3650

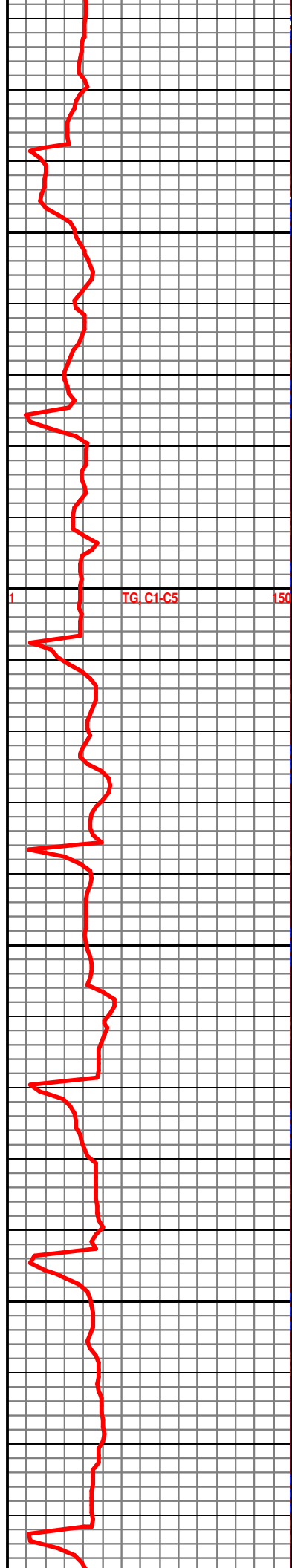
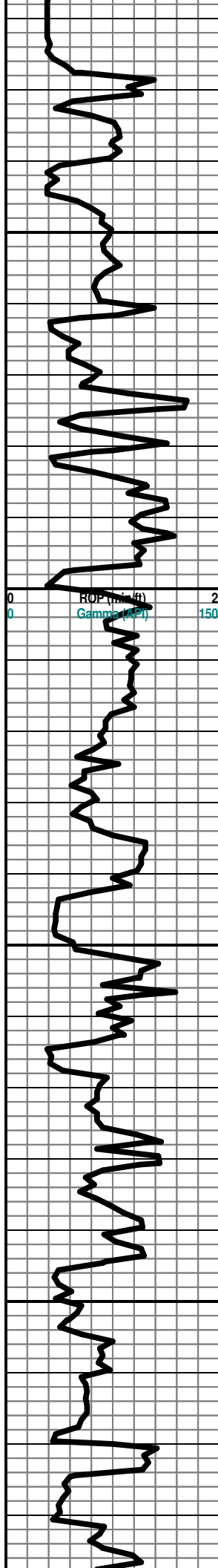
Ls Wht-Crm-Gry Microxln Dns Micrite Grad Poor OOM/OOL Por (w Small OOids in pl) Poor-Fair Leaching Sh Char-Grn/Gry Fissil No Odor Sli ? Min Flor No Stn NS

BERN 3668' (- 836)

3700

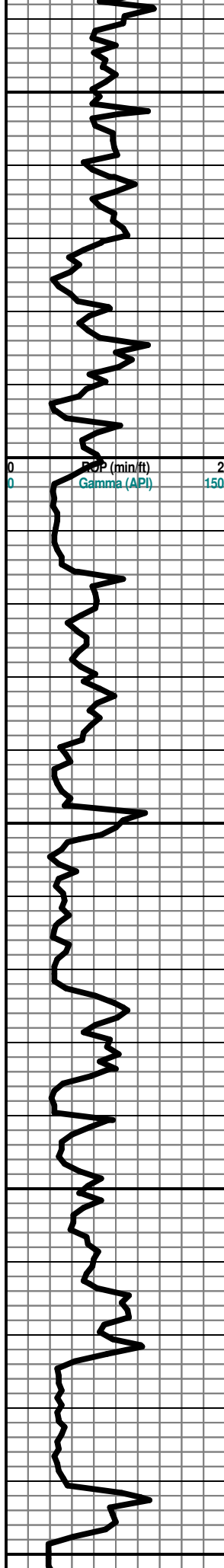
Ls Gry-Crm-Wht Fxln Tr/Poor lxln Por Micritic Dns Barren Fos (Fuss) Sh Grn/Gry-Char No Odor No Flor No Stn NS

Ls Gry-Crm-Wht Fxln Tr/Poor lxln Por Micritic Dns Barren Fos (Fuss) Sh Grn/Gry-Char No Odor No Flor No Stn NS



3750
3800
3850
3900
3950

ROP (min/ft) 2
Gamma (API) 150



Ls Gry-Crm-Wht FxIn Tr/Poor IxIn Por Micritic Dns Barren Fos (Fuss) Sh
Grn/Gry-Char No Odor No Flor No Stn NS

TOPEKA 3795' (- 957)

Ls Wht-Crm-Gry MicroIn Dns Micrite Grad Poor OOM/OOL Por (w Small
OOids in pl) Poor-Fair Leaching Sh Char-Grn/Gry Fissil No Odor No Flor No
Stn NS

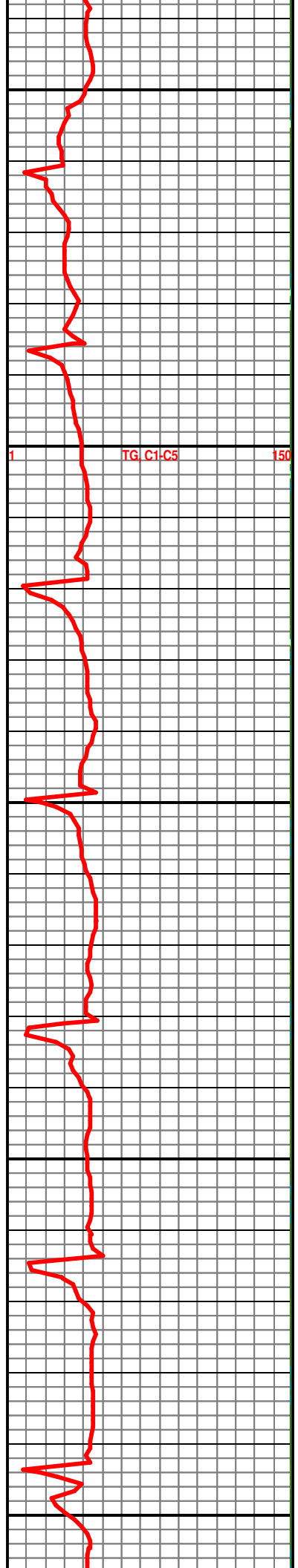
Ls Wht-Crm MicroIn-FxIn Poor IxIn Por Grad Micritic Cht Wht Op Shp Vit
Abd Sh Char-Grn/Gry-Red Soft-Fissil No Odor No Flor No Stn NS

Ls Wht-Crm MicroIn-FxIn Poor IxIn Por Grad Micritic Grad Poor OOM Por
Poor Leaching Cht Wht Op Shp Vit Tr Sh Char- Grn/Gry- Red Soft-Fissil No
Odor No Flor No Stn NS

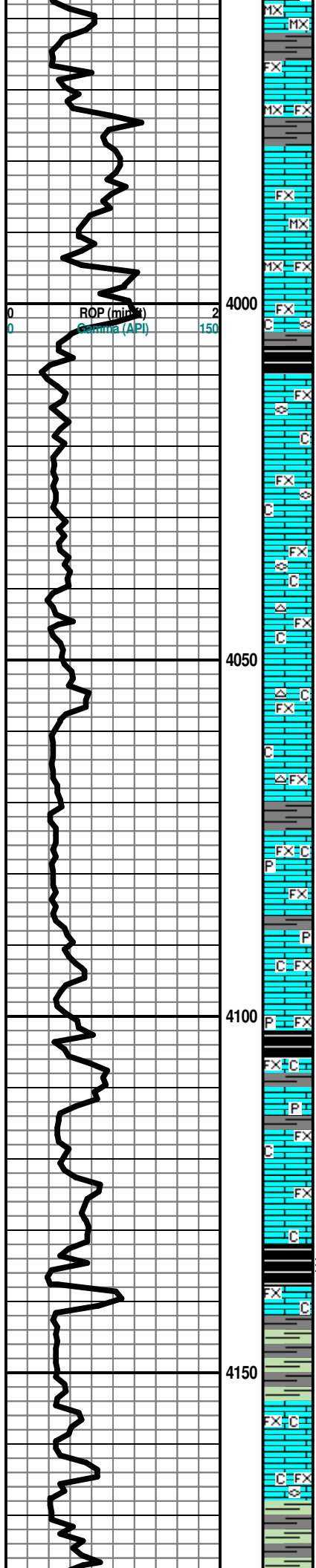
Ls Wht-Crm MicroIn-FxIn Poor IxIn IGran Por Grad Micritic Chalk Sh
Char-Grn/Gry-Red Soft-Fissil No Odor No Flor No Stn NS

LeCOMPTON 3948' (- 1110)

Ls Gry-Crm-Tan MicroIn-FxIn Poor IxIn Por Grad Micritic Grad Poor OOM
Por Poor Leaching Chalkv Sh Char- Grn/Gry-Aqua Soft-Fissil No Odor No



TG C1-C5 150



Flor No Stn NS

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

Ls Wht-Crm-Gry FxIn Poor IxIn IGran Por Grad Micritic Fos (Fuss) Chalk Sh
Char-Grn/Gry Soft-Fissil No Odor No Flor No Stn NS

Ls Wht-Crm-Gry FxIn Poor IxIn IGran Por Grad Micritic Cht Wht-Gry
Translu-Op Shp Vit Chalk Sh Char-Grn/Gry Soft-Fissil No Odor No Flor No
Stn NS

PLATTSMOUTH 4103' (- 1265)

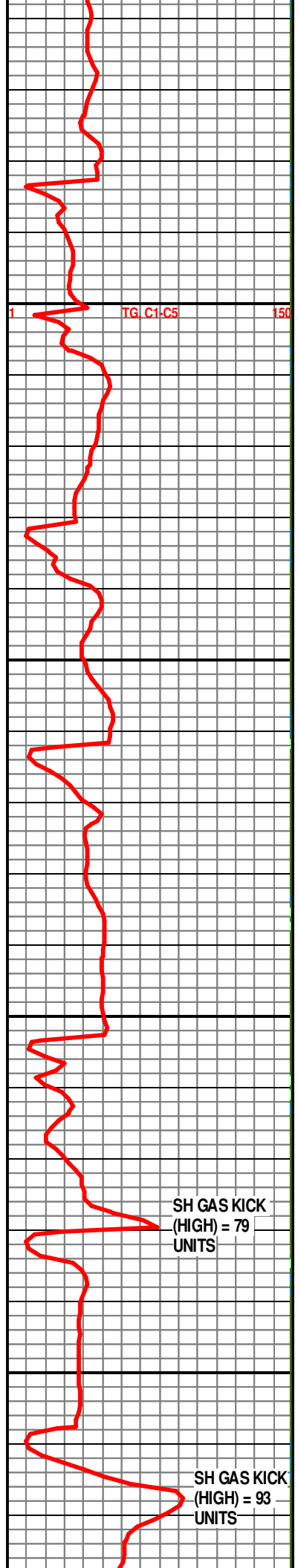
Ls Wht-Crm-Gry FxIn Poor IxIn IGran Por Grad Micritic Pyr Mass Chalk Sh
Char-Gry Soft No Odor No Flor No Stn NS

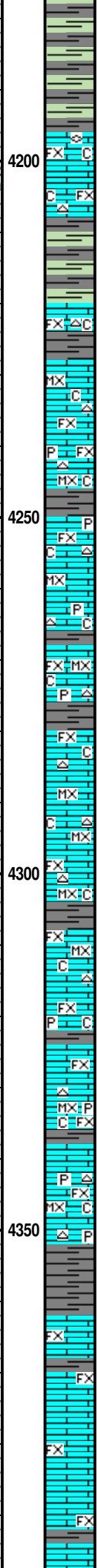
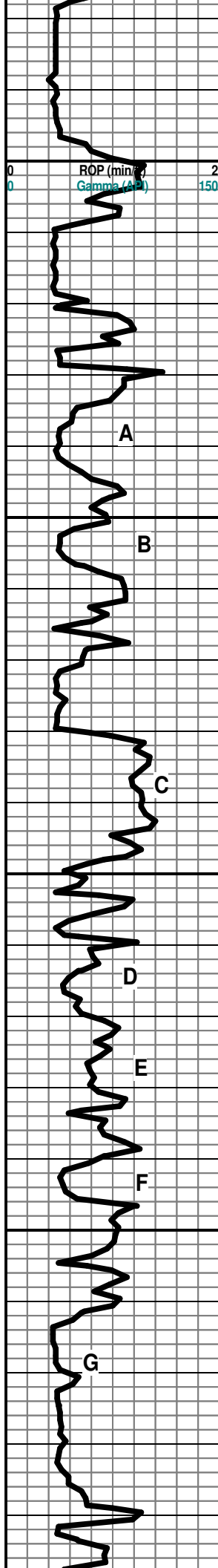
HEEBNER 4132 (- 1294)

TORONTO 4154' (- 1316)

Sh Blk Carb (w/SSG)- Gry-Char-Lt Grn Soft-Fissil Ls Wht-Crm-Gry FxIn Dns
Micrite Grad Poor Pin-Pt IxIn Por Chalk No Odor No Flor No Stn GSG in Blk
Sh

DOUGLAS 4168' (- 1330)





Sh Char-Drab Grn/Gry Soft-Fissil Ls Wht-Crm Fxln Dns Micrite Poor Ixln Por
Chalk Cht Wht Transl-Op Shp Vit Fos (Fuss) Sh No Odor No Stn No Flor NS

IATAN (BROWN LIME) 4220' (- 1382)

LANSING 4229' (- 1391)

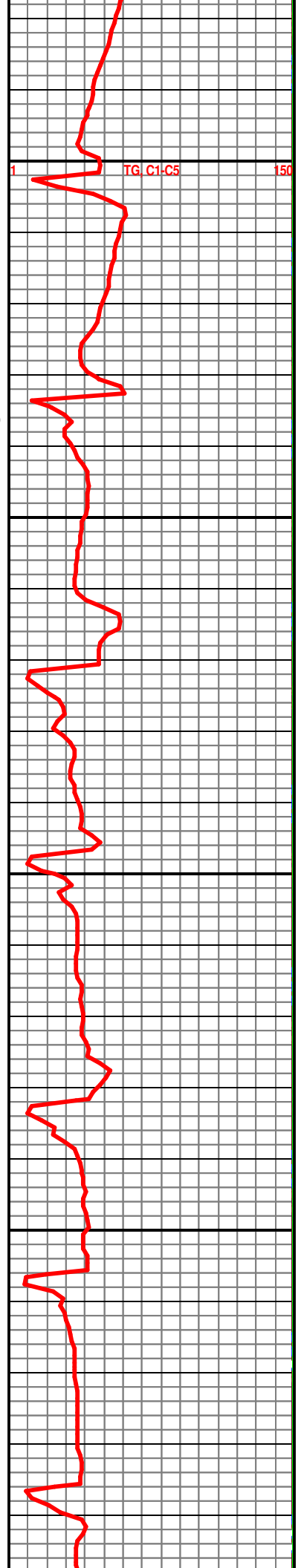
Ls Crm-Gry Microxln-Fxln Poor Ixln Pin-Pt Ixln Por Grad Micritic Cht
Wht-Tan (Banded) Translu-Op Shp Vit Chalk Wht Soft Sh Char-Gry Fissil No
Odor No Stn No Flor NS

Ls Crm-Gry Microxln-Fxln Poor Ixln Por Grad Micritic Cht Wht Op Shp Vit
Chalk Sh Char-Gry-Aqua Soft-Fissil No Odor No Stn No Flor NS

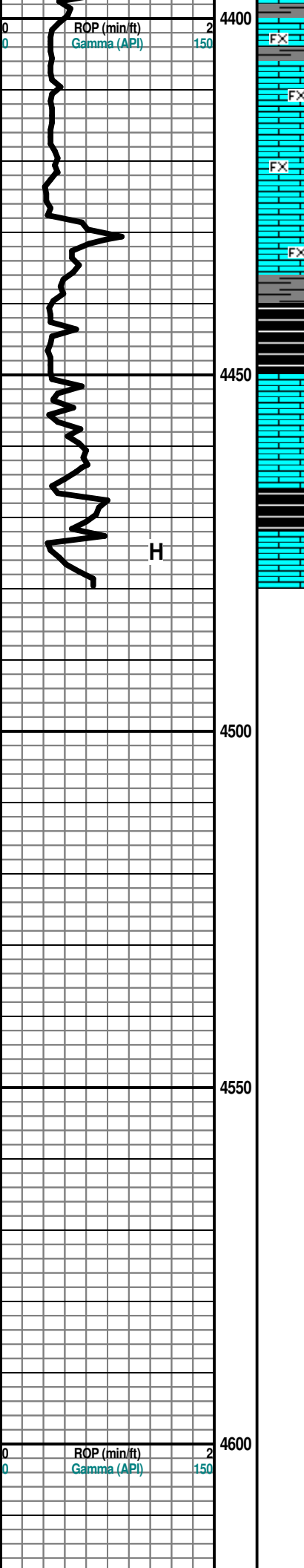
Ls Wht-Crm Microxln-Fxln Poor Ixln Por Grad Micritic Cht Wht Op Shp Vit
Chalk Sh Char-Gry Soft-Fissil No Odor No Stn No Flor NS

Ls Wht-Crm Microxln-Fxln Poor Ixln Por Grad Micritic Cht Amber Translu
Shp Vit Pyr Mass Chalk Sh Char-Gry Soft-Fissil No Odor No Stn No Flor NS

Ls Wht-Crm Microxln-Fxln Poor Ixln Por Grad Micritic Grad Poor OOM
(w/Med OOids in pl) Por Fair Leaching Pyr Mass Fos (Brach) Chalk Sh

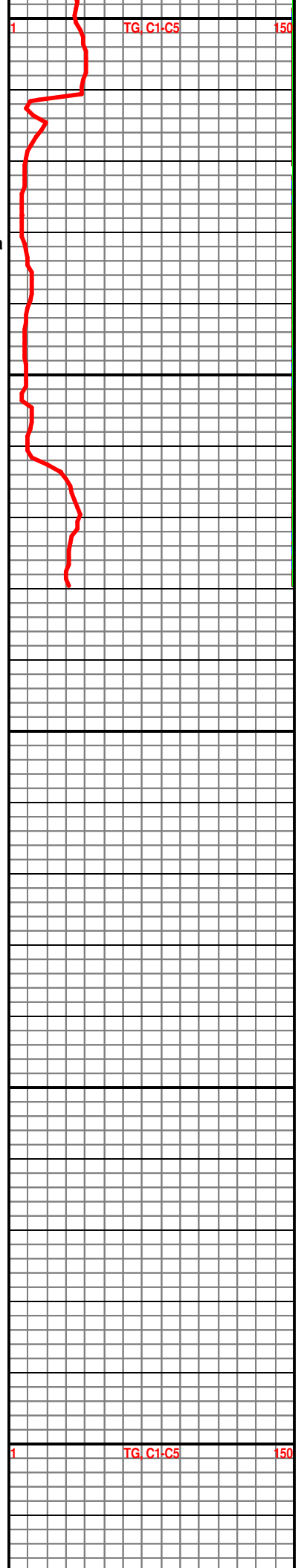


Char-Gry Soft-Fissil No Odor No Stn No Flor NS



Ls Wht-Crm-Tan-Gry MicroIn-FxIn Dns Micritic (w/Pyr Includ) Grad Poor
OOM (w/Med Ooids in pl) Por Poor Leaching Chalky Sh Char- Grn/Gry-Aqua
Soft-Fissil No Odor No Flor No Stn NS

MUNCIE CREEK 4440' (- 1608)



4650

4700

4750

4800

ROP (min/ft) 2
Gamma (API) 150

TG C1-C5 150

4850

4900

4950

5000

5050

ROP (min/ft) 2
Gamma (API) 150

TG C1-C5 150

5100

5150

5200

5250

ROP (min/ft) 2
Gamma (API) 150

TG C1-C5 150

5300

5350

5400

5450

ROP (min/ft) 2
Gamma (API) 150

TG C1-C5 150

OPERATOR

Company: Falcon Exploration, Inc.
 Address: 125 N. Market Suite 1252
 Wichita, KS 67202
 Contact Geologist: Brian Fisher
 Contact Phone Nbr: 316-262-1378
 Well Name: Circe N Trust #1-6 (SE)
 Location: Sec. 6 - T28S - R30W
 API: 15-069-20481-0000
 Pool: _____
 State: Kansas
 Field: Colusa South
 Country: USA

Scale 1:240 Imperial

Well Name: Circe N Trust #1-6 (SE)
 Surface Location: Sec. 6 - T28S - R30W
 Bottom Location: _____
 API: 15-069-20481-0000
 License Number: 5316
 Spud Date: 8/25/2014
 Region: Gray County
 Drilling Completed: 9/3/2014
 Surface Coordinates: 1850' FSL & 2175' FEL
 Bottom Hole Coordinates: _____
 Ground Elevation: 2828.00ft
 K.B. Elevation: 2839.00ft
 Logged Interval: 4600.00ft
 Total Depth: 5450.00ft
 Formation: Mississippian
 Drilling Fluid Type: Chemical/Fresh Water Gel
 Time: 9:00 PM
 Time: 8:05 AM
 To: 5450.00ft

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude: _____
 Latitude: _____
 N/S Co-ord: 1850' FSL
 E/W Co-ord: 2175' FEL

LOGGED BY

Keith Reavis
Consulting Geologist

Company: Keith Reavis, Inc.
 Address: 3420 22nd Street
 Great Bend, KS 67530
 Phone Nbr: 620-617-4091
 Logged By: KLG #136
 Name: Keith Reavis

CONTRACTOR

Contractor: Sterling Drilling Company
 Rig #: 2
 Rig Type: mud rotary
 Spud Date: 8/25/2014
 TD Date: 9/3/2014
 Rig Release: _____
 Time: 9:00 PM
 Time: 8:05 AM
 Time: _____

ELEVATIONS

K.B. Elevation: 2839.00ft
 K.B. to Ground: 11.00ft
 Ground Elevation: 2828.00ft

NOTES

Due to results of DST #2, it was decided to run 5 1/2" production casing and further test the Mississippian St. Louis B through perforations and stimulation.

A Tooke Daq gas detection system operated by Sterling Drilling was employed on this well. ROP and gas curves were imported from the Tooke system into this mudlog. Gamma ray and caliper curves were imported from the electrical log suite.

Samples were saved and will be available for review at the Kansas Geological Survey Well Sample Library in Wichita, KS.

Respectfully submitted,
 Keith Reavis

Falcon Exploration, Inc.
daily drilling report

DATE	7:00 AM DEPTH	REMARKS
08/30/2014		Geologist Keith Reavis on location @ 1355 hrs, 4800 ft., drilling ahead Marmaton, Pawnee, Cherokee, bit trip @ 5040' 2020 hrs, out with PDC
08/31/2014	5040	back on bottom with button bit, ctch, resume drilling, Morrow show in upper Morrow sand warrants test, TOH for DST #1, conduct DST #1
09/01/2014	5110	complete DST #1, successful test, TIH w/bit, resume drilling, Morrow and upper Miss, St. Gen
09/02/2014	5330	drilling ahead, St. Louis, show warrants test, TOH for DST #2, conduct and complete DST #2, successful test, TIH w/bit
09/03/2014	5450	resume drilling, rathole ahead to TD of 5450 at 0805 hrs, ctch, TOH for logs, conduct logging operations, geologist off loc 1915 hrs

Falcon Exploration, Inc.
well comparison sheet

DRILLING WELL					COMPARISON WELL			
Circle N Trust #1-6 (SE) 1850' FSL & 2175' FEL Sec 6-T28S-R30W					Nightingale #1-6 2050' FNL & 2050' FWL Sec 6-T28S-R30W			
2839 KB					2844 KB		Structural Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log
Stark	4592	-1753	4592	-1753	4591	-1747	-6	-6
Marmaton	4726	-1887	4724	-1885	4725	-1881	-6	-4
Pawnee	4821	-1982	4819	-1980	4821	-1977	-5	-3
Cherokee	4863	-2024	4862	-2023	4862	-2018	-6	-5
Morrow	5070	-2231	5064	-2225	5066	-2222	-9	-3
Morrow Sand	5075	-2236	5074	-2235	5069	-2225	-11	-10
St. Gen	5166	-2327	5182	-2343	5189	-2345	18	2
St. Louis	5270	-2431	5275	-2436	5276	-2432	1	-4
Total Depth	5450	-2611	5450	-2611	5458	-2614	3	3

Drill Stem Test #1



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: circle1-6dst1

TIME ON: 8-31 16:09
 TIME OFF: 09-01 00:24

Company **Falcon Exploration** Lease & Well No. **Circle N Trust #1-6**
 Contractor **Sterling Drilling Rig #2** Charge to **Falcon Exploration**
 Elevation **2839 KB** Formation **Morrow** Effective Pay **--** Ft. Ticket No. **S0491**
 Date **8-31-14** Sec. **6** Twp. **28 S** Range **30 W** County **Gray** State **KANSAS**
 Test Approved By **Keith Reavis** Diamond Representative **Jacob McCallie**

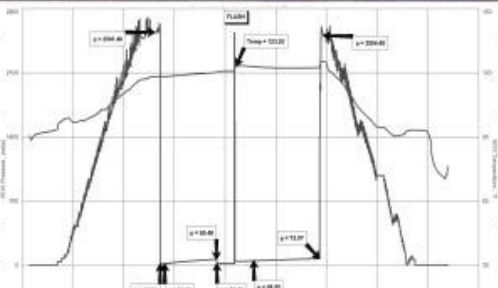
Formation Test No. **1** Interval Tested from **5064** ft. to **5085** ft. Total Depth **5085** ft.
 Packer Depth **5059** ft. Size **6 3/4** in. Packer depth **--** ft. Size **6 3/4** in.
 Packer Depth **5064** ft. Size **6 3/4** in. Packer depth **--** ft. Size **6 3/4** in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) **5045** ft. Recorder Number **5515** Cap. **5,000** P.S.I.
 Bottom Recorder Depth (Outside) **5067** ft. Recorder Number **5586** Cap. **5,000** P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type **Chem** Viscosity **49** Drill Collar Length **216** ft. I.D. **2 1/4** in.
 Weight **9.45** Water Loss **11.2** cc. Weight Pipe Length **--** ft. I.D. **2 7/8** in.
 Chlorides **2,100** P.P.M. Drill Pipe Length **4815** ft. I.D. **3 1/2** in.
 Jars: Make **STERLING** Serial Number **4** Test Tool Length **33** ft. Tool Size **3 1/2-IF** in.
 Did Well Flow? **NO** Reversed Out **No** Anchor Length **21** ft. Size **4 1/2-FH** in.
 Main Hole Size **7 7/8** Tool Joint Size **4 1/2 XH** in. Surface Choke Size **1** in. Bottom Choke Size **5/8** in.

Blow: 1st Open: **WSB- Died in 5 min** **NOBB**
 2nd Open: **No Blow- Flushed 15 min into-good surge-Died in 30 min** **NOBB**

Recovered **58** ft. of MUD **100% M**
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Remarks: _____



TOOL SAMPLE: 100% M
 Time Set Packer(s) **6:44 PM** A.M. P.M. Time Started Off Bottom **9:49 PM** A.M. P.M. Maximum Temperature **123**
 Initial Hydrostatic Pressure..... (A) **2541** P.S.I.
 Initial Flow Period..... Minutes **5** (B) **12** P.S.I. to (C) **14** P.S.I.
 Initial Closed In Period..... Minutes **60** (D) **65** P.S.I.
 Final Flow Period..... Minutes **30** (E) **17** P.S.I. to (F) **49** P.S.I.
 Final Closed In Period..... Minutes **90** (G) **72** P.S.I.
 Final Hydrostatic Pressure..... (H) **2504** P.S.I.

Drill Stem Test #2



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313

TIME ON: 09:00
 TIME OFF: 21:31

DRILL-STEM TEST TICKET
 FILE: circle1-6dst2

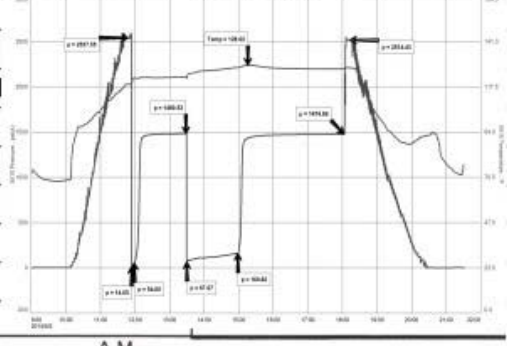
Company **Falcon Exploration** Lease & Well No. Circle N Trust #1-6
 Contractor Sterling Drilling Rig #2 Charge to Falcon Exploration
 Elevation 2839 KB Formation St. Louis Effective Pay -- Ft. Ticket No. S0492
 Date 9-2-14 Sec. 6 Twp. 28 S Range 30 W County Gray State KANSAS
 Test Approved By Keith Reavis Diamond Representative Jacob McCallie

Formation Test No. 2 Interval Tested from 5270 ft. to 5330 ft. Total Depth 5330 ft.
 Packer Depth 5265 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.
 Packer Depth 5270 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.
 Depth of Selective Zone Set

Top Recorder Depth (Inside) 5251 ft. Recorder Number 5515 Cap. 5,000 P.S.I.
 Bottom Recorder Depth (Outside) 5273 ft. Recorder Number 5586 Cap. 5,000 P.S.I.
 Below Straddle Recorder Depth ft. Recorder Number Cap. P.S.I.
 Mud Type Chem Viscosity 55 Drill Collar Length 216 ft. I.D. 2 1/4 in.
 Weight 9.15 Water Loss 8.4 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in.
 Chlorides 1,400 P.P.M. Drill Pipe Length 5021 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out No Anchor Length 60 (28A) ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: 1/4" Blow- Built to 4 1/2" in 5 min **WSBB**
 2nd Open: 2" Blow- Built to BB in 3 min **BBBB**

Recovered 3116 ft. of GIP
 Recovered 162 ft. of SLGCHMCO 10% G 55% O 35% M
 Recovered 175 ft. of CO 100% O GRAVIT
 Recovered 12 ft. of SLGCM 12% G 88% M
 Recovered 349 ft. of TOTAL FLUID
 Recovered ft. of
 Remarks:



TOOL SAMPLE: 5% G 45% O 50% M
 Time Set Packer(s) 11:55 AM A.M. P.M. Time Started Off Bottom 6:00 PM A.M. P.M. Maximum Temperature 129

Initial Hydrostatic Pressure..... (A) 2538 P.S.I.
 Initial Flow Period..... Minutes 5 (B) 15 P.S.I. to (C) 54 P.S.I.
 Initial Closed In Period..... Minutes 90 (D) 1481 P.S.I.
 Final Flow Period..... Minutes 90 (E) 68 P.S.I. to (F) 161 P.S.I.
 Final Closed In Period..... Minutes 180 (G) 1475 P.S.I.
 Final Hydrostatic Pressure..... (H) 2514 P.S.I.

ROCK TYPES

Clystgy	Lmst fw<7	shale, gm	Carbon Sh	Ss
sdy lmst	Lmst fw>	shale, gry	shale, red	

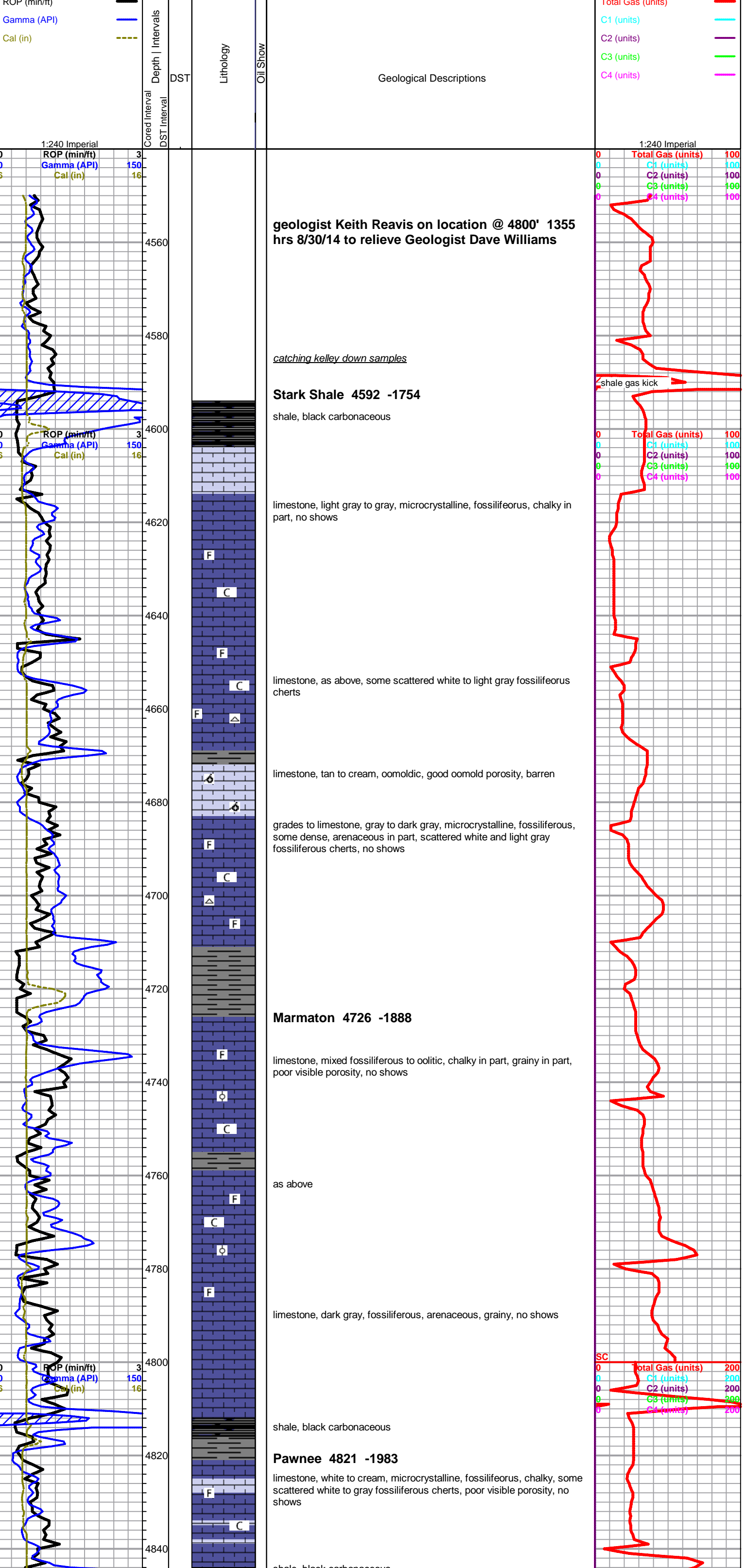
ACCESSORIES

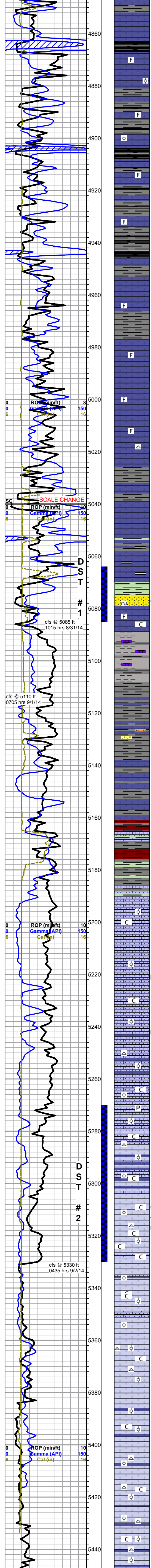
MINERAL	FOSSIL	STRINGER	TEXTURE
<ul style="list-style-type: none"> Glauconite Pyrite Chert White 	<ul style="list-style-type: none"> F Fossils < 20% o Oolite o Oomoldic 	<ul style="list-style-type: none"> Limestone Sandstone Siltstone carb shale 	<ul style="list-style-type: none"> C Chalky

OTHER SYMBOLS

Oil Show	DST
<ul style="list-style-type: none"> Good Show Fair Show Poor Show Spotted or Trace Questionable Strn Dead Oil Strn Fluorescence Gas 	<ul style="list-style-type: none"> DST Int DST alt Core tail pipe

Printed by GEOstrip VC Striplog version 4.0.8.15 (www.grsi.ca)





Cherokee 4863 -2025

shale, black carbonaceous
 limestone, white to cream and gray, grainy fossiliferous to oolitic, some pelletal,
 grading to limestone, as above, mixed with variable dense gray fossiliferous, gray arenaceous limestones and gray and black shales

as above

limestone, cream, microcrystalline, chalky fossiliferous and limestone, variable gray and tan, mostly cryptocrystalline, dense, fossiliferous, no shows

limestone, tan to gray, micro-cryptocrystalline, fossiliferous, poor visible porosity, some scattered fossiliferous cherts, no shows
DST #1: 5064-5085' (Morrow), 5-60-30-90. Weak surface blow on first open, died in 5 minutes. No blow on 2nd. Flushed tool, no help. Recovered 58' mud. IHP 2541 -- IFP'S 12-14# -- ISIP 65# -- FFP'S 17-49# -- FSIP 72# -- FHP 2504#.
bit trip @ 4040', out with PDC, in with button

limestone, cream to gray, microcrystalline, fossiliferous, chalky in part, no shows

grades to limestone, dark gray to black, micro-cryptocrystalline, cherty, sandy in part, some fossiliferous, very dense, with black shales, no shows

Morrow 5070 -2231

30 min sample
 sandstone, gray to brown, very fine grained, glauconitic to silty, sub-round to rounded, fair sorted, friable to fair cementing, mostly saturated stain, gilsonitic, good show free oil, strong odor, no fluorescence, fair cut
 also influx of limestone with the sand, gray to cream to blue/gray, microcrystalline, fossiliferous, chalky in part, no shows
 @ 5090 grades to gray claystone and shale, with light gray silty shale

influx limestone, blue/gray chalky fossiliferous, some weathered, cream to tan, fossiliferous, trace pelletal, chalky to arenaceous, no visible porosity or shows - still mostly claystone and shale

gray fissile shales, with trace green very fine grain glauconitic dirty sandstone and siltstone, no shows

limestone, cream to gray mottled and blue/gray mottled, fossiliferous, grainy, some pelletal, chalky in part, weathered in part, no visible porosity or shows

Miss St. Gen. 5166 -2327

5180 sample, limestone, cream, micro-oolitic, sandy, fairly dense, no shows, influx red shales, red wash in samples
 5190 flood gray and green fissile shales with limestone as above

Miss. St. Gen. Log Top 5182 -2343

limestone, light gray to cream, micro-oolitic, very sandy, mostly dense but chalky in part, no shows, shales drop out

as above

as above, trace light black dead staining, no free oil or odor

as above, trace staining, some scattered light gray to cream cryptocrystalline lithographic limestone, trace chert

DST #2: 5270-5330' (St Louis), 5-90-90-180. 1/4 inch blow on first open. Built to 4-1/2 inches in 5 minutes. 2nd open. Built to BOB in 3 minutes. Recovered 3116' GIP, 162' SI.GCMO (10% gas, 55% oil, 35% mud), 175' CO, 12' SI.GCM (12% gas, 88% mud). IHP 2538# -- IFP 15-54# -- ISIP 1481 -- FFP'S 68-161# -- FSIP 1475# -- FHP 2514 #. BHT 129 deg F.

St. Louis 5270 -2431

limestone, cream to light gray, sandy although less than above, micro-oolitic to small sub-mature oolitic, chalky to grainy, slightly glauconitic, some pyritic, poor visible porosity, no shows or fluorescence
 limestone, as above, with gray to cream fine to medium oolitic, less slightly sandy, limestone, cream, chalky, flattened oolitic, some scattered cherts, no shows
 grading to limestone, gray, cryptocrystalline, dense, flattened oolitic,

limestone, white to light gray to cream, mature chalky oolitic, some free oolites, some scattered inter-oolite porosity, scattered light black stain, sheen in tray, trace gassy free oil on break, fair odor, no fluorescence, poor to good cut, abundant chalk, some light gray fossiliferous cherts

limestone, grades back to cream to light gray, chalky oolitic, sub-mature to flattened, poor porosity, trace glauconitic, no shows
resume drilling at 5330' with PDC bit

poor samples, trip trash

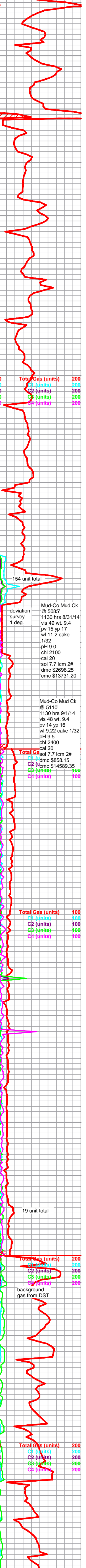
limestone, as above, some mature chalky oolitic, some sandy oolitic with medium rounded quartz sand grain inclusions

sandy oolitic drops out, influx abundant chert, white to tan translucent, slight fossiliferous, fresh, sharp,

limestone, cream to light gray, chalky flattened oolitic, slightly glauconitic, poor porosity, cherts drop out, no shows, some scattered chalky cryptocrystalline sub-lithographic, no shows

as above, with mixed cherts

as above



Rotary TD 5450 ft, 0805 hrs, 9/3/14
Nabors Wireline TD 5450 ft
complete logging operations @ 1850 hrs 9/3/14



Cement Report

Customer Falcon Exploration		Lease No.		Date 8-27-14	
Lease Circle A Trust		Well # 1-6		Service Receipt	
Casing 8 5/8	Depth 1840'	County Gray		State KS	
Job Type 2-42		Formation		Legal Description 6-28-30	
Pipe Data			Perforating Data		Cement Data
Casing size 8 5/8 24"		Tubing Size		Shots/Ft	
Depth 1840'		Depth		From To	
Volume 114 bbl		Volume		From To	
Max Press		Max Press		From To	
Well Connection #		Annulus Vol.		From To	
Plug Depth 1798'		Packer Depth		From To	
				Lead 460SX @ 11.4 PPG 3% CC, 1/4" PolyFlake, 2% WCA-1	
				A-Gen Blend	
				Tail in 150SX @ 14.8 PPG 2% CC, 1/4" PolyFlake	
				Premium Plus Cement	
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1930					On Location Rig up
2000					Safety Meeting
2036	2500				Pressure Test
2036	150		20	5	Pump Stoploss
2043	150		241	5	Pump 460 SX @ 11.4 PPG
2134	200		35	5	Pump 150 SX @ 14.8 PPG
2150					Drop Plug
2152	200			5	Start Displacement
2218	400		95	2	Slow Rate - Shut Down
2223	450		100	2	Pump 5 bbl - Shut Down
2227	450		105	2	Pump 5 bbl - Shut Down
2232	450		108	2	Pump 3 bbl - Pressure up.
2235	1200		108	2	Bump Plug
2240	0				Release Pressure - float Held Shut Down Rig Down
Service Units		80463		27808	
78940		19564		3754)	
Driver Names		Jesus		Ruben	
		Hugo		Sam	

Evaldo

Customer Representative

Jerry Bennett

Station Manager

Rubén Martínez

Cementer



Cement Report

Customer	Falcon Exploration	Lease No.		Date	9-4-14
Lease	Circle W Trust	Well #	Hp	Service Receipt	06025
Casing	5 1/2" 15.5#	County	Gray	State	Ks
Job Type	242-5 1/2 Production	Formation	0	Legal Description	6-28-30

Pipe Data		Perforating Data		Cement Data
Casing size	5 1/2" 15.5#	Tubing Size		Lead 50 sk ACon
Depth	5050'	Depth	From To	
Volume	129 bbl	Volume	From To	Tail in 100 sk AA2
Max Press	2800 #	Max Press	From To	
Well Connection	TD40'	Annulus Vol.	From To	
Plug Depth	ST-42'	Packer Depth	From To	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
6:15					on loc-site assessment
6:30					spot trucks - rig up
7:30					start csg + float equip
9:30					csg on botm break circ
9:30					safety meeting - JSA
9:45	200		12	5	pressure test 3000#, pump super
9:45	200		25	6	mix + pump 50 sk ACon @ 11.5#
9:55	200		40	6	switch to tail 150 sk AA2 @ 14.8#
					dash lines
10:05	100		0	6	drop plug, disp csg
10:25	700		120	2	slow rate
10:30	1300		129	0	land plug, float hold
					plug rest + mouse holes w/ 50.
					job complete

Service Units	34726	27462	14384-19578		
Driver Names	A Owen	E Miller	V Vasquez		

Leon Customer Representative
 J Bennett Station Manager
 A Owen Cementer