



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1088625
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: _____

1088625

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

Form	ACO1 - Well Completion
Operator	Falcon Exploration, Inc.
Well Name	MICHAEL ESAU 1-22(SE)
Doc ID	1088625

All Electric Logs Run

DIL
MEL
CDL
BHCS

DIAMOND TESTING

General Information Report

General Information

Company Name FALCON EXPLORATION, INC.
Contact MIKE MITCHELL
Well Name MICHAEL ESAU #1-22 (SE)
Unique Well ID DST #1, STOTLER, 3453-3521
Surface Location SEC 22-28S-30W, GRAY CO. KS.
Field WILDCAT
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #1, STOTLER, 3453-3521
Well Fluid Type 02 Gas

Representative TIM VENTERS
Well Operator FALCON EXPLORATION, INC.
Report Date 2012/04/15
Prepared By TIM VENTERS
Qualified By KEITH REAVIS

Start Test Date 2012/04/14
Final Test Date 2012/04/15

Start Test Time 14:52:00
Final Test Time 00:20:00

Test Recovery:

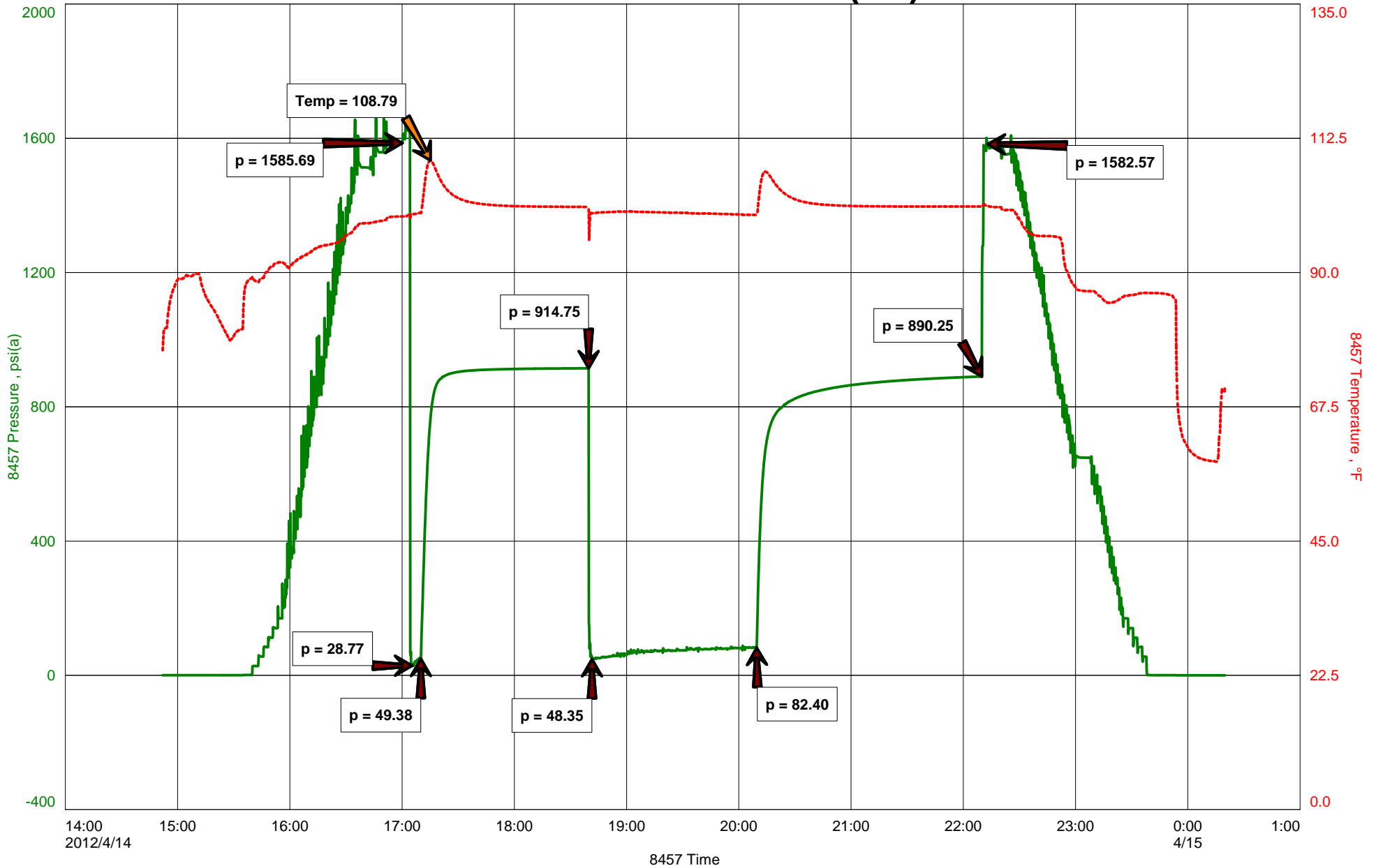
RECOVERED: 3310' GAS IN PIPE
210' MUD

TOOL SAMPLE: 4% OIL, 96% MUD

FALCON EXPLORATION, INC.
DST #1, STOTLER, 3453-3521
Start Test Date: 2012/04/14
Final Test Date: 2012/04/15

MICHAEL ESAU #1-22 (SE)
Formation: DST #1, STOTLER, 3453-3521
Pool: WILDCAT
Job Number: T041

MICHAEL ESAU #1-22 (SE)





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

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
2nd Open: _____

Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
	Total

Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ 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.

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

Sam Brownback, Governor

July 25, 2012

CYNDE WOLF
Falcon Exploration, Inc.
125 N MARKET STE 1252
WICHITA, KS 67202-1719

Re: ACO1
API 15-069-20369-00-00
MICHAEL ESAU 1-22(SE)
SE/4 Sec.22-28S-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,
CYNDE WOLF

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: Michael Esau #1-22 (SE)
 Location: Sec. 22 - T28S - R30W
 Pool: _____
 State: Kansas
 API: 15-069-20369-0000
 Field: Wildcat
 Country: USA

Scale 1:240 Imperial

Well Name: Michael Esau #1-22 (SE)
 Surface Location: Sec. 22 - T28S - R30W
 Bottom Location: _____
 API: 15-069-20369-0000
 License Number: 5316
 Spud Date: 4/9/2012 Time: 00:00
 Region: Gray County
 Drilling Completed: 4/16/2012 Time: 16:35
 Surface Coordinates: 977' FSL & 1857' FEL
 Bottom Hole Coordinates: _____
 Ground Elevation: 2772.00ft
 K.B. Elevation: 2785.00ft To: 4325.00ft
 Logged Interval: 2600.00ft
 Total Depth: 4325.00ft
 Formation: Stotler - Lansing
 Drilling Fluid Type: Chemical/Fresh Water Gel

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude: _____ Latitude: _____
 N/S Co-ord: 977' FSL
 E/W Co-ord: 1857' 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 #: 5
 Rig Type: mud rotary
 Spud Date: 4/9/2012 Time: 00:00
 TD Date: 4/16/2012 Time: 16:35
 Rig Release: _____ Time: _____

ELEVATIONS

K.B. Elevation: 2785.00ft Ground Elevation: 2772.00ft
 K.B. to Ground: 13.00ft

NOTES

A Tooke Daq gas detection system owned by Sterling Drilling Company was employed on this well. ROP and gas data were imported into this geological report.

Due to positive results of DST #1 and electrical log analysis, it was determined that 5 1/2" production casing be set and the Stotler be further tested through perforations and stimulation.

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

Respectfully submitted,
 Keith Reavis

Falcon Exploration, Inc.

DAILY DRILLING REPORT

DATE	7:00 AM DEPTH	REMARKS
4/12/2012		Geologist Keith Reavis on location @ 2005 hrs, 2491 ft. drilling ahead permian redbeds
4/13/2012	2808	drilling ahead, Chase Group, Fort Riley, Cottonwood, Neva
4/14/2012	3439	drilling ahead, Foraker, Stotler, gas kick and show warrant DST, short trip, TOH w/bit and in with tools, conducting DST #1
4/15/2012	3614	complete DST #1, successful test, back on bottom with bit, drilling ahead Tarkio, Bern, Topeka, Lecompton
4/16/2012	4165	drilling ahead, Lecompton, Heebner, Toronto, Douglas, Lansing, TD @ 4325 short trip, TOH, conduct logging operations
4/17/2012	4325	complete logging operations, geologist released and off location 0400 hrs

Falcon Exploration, Inc.

WELL COMPARISON SHEET

DRILLING WELL					COMPARISON WELL			
Esau #1-22					Fry #1-23			
977' FSL & 1857' FEL					850' FNL & 1850' FWL			
Sec. 22 T28S R30W					Sec. 23 T28S R30W			
2785 KB					2801 KB		Structural Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log
Chase	2639	146	2634	151	2633	168	-22	-17
Winfield	2710	75	2707	78	2707	94	-19	-16
Towanda	2760	25	2755	30	2754	47	-22	-17
Ft. Riley	2809	-24	2807	-22	2802	-1	-23	-21
Cottonwood	3079	-294	3075	-290	3063	-262	-32	-28
Neva	3135	-350	3130	-345	3122	-321	-29	-24
Foraker	3247	-462	3241	-456	3234	-433	-29	-23
Stotler	3483	-698	3480	-695	3466	-665	-33	-30
Topeka	3752	-967	3751	-966	3739	-938	-29	-28
Lecompton	3950	-1165	3947	-1162	3920	-1119	-46	-43
Heebner	4109	-1324	4106	-1321	4086	-1285	-39	-36
Lansing	4215	-1430	4216	-1431	4185	-1384	-46	-47
Stark	np				4538	-1737		
Marmaton	np				4691	-1890		
Pawnee	np				4778	-1977		
Cherokee	np				4823	-2022		
Morrow	np				5018	-2217		
Miss St. Gen.	np				5074	-2273		
St. Louis A por	np				5196	-2395		
Warsaw	np				5542	-2741		
Osage	np				5830	-3029		
Viola	np				6074	-3273		
Total Depth	4325	-1540	4324	-1539	6151	-3350	1810	1811



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

TIME ON: 14:52 4-14-12
 TIME OFF: 00:20 4-15-12

DRILL-STEM TEST TICKET
 FILE: MICHAELSAU122SEDST1

Company FALCON EXPLORATION, INC. Lease & Well No. MICHAEL ESAU #1-22 (SE)
 Contractor STERLING DRILLING CO. RIG #5 Charge to FALCON EXPLORATION, INC.
 Elevation 2785 KB Formation STOTLER Effective Pay _____ Ft. Ticket No. T041
 Date 4-14-12 Sec. 22 Twp. 28 S Range 30 W County GRAY State KANSAS
 Test Approved By KEITH REAVIS Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 1 Interval Tested from 3453 ft. to 3521 ft. Total Depth 3521 ft.
 Packer Depth 3448 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3453 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ 3434 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
 Bottom Recorder Depth (Outside) _____ 3518 ft. Recorder Number 11029 Cap. 5,025 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

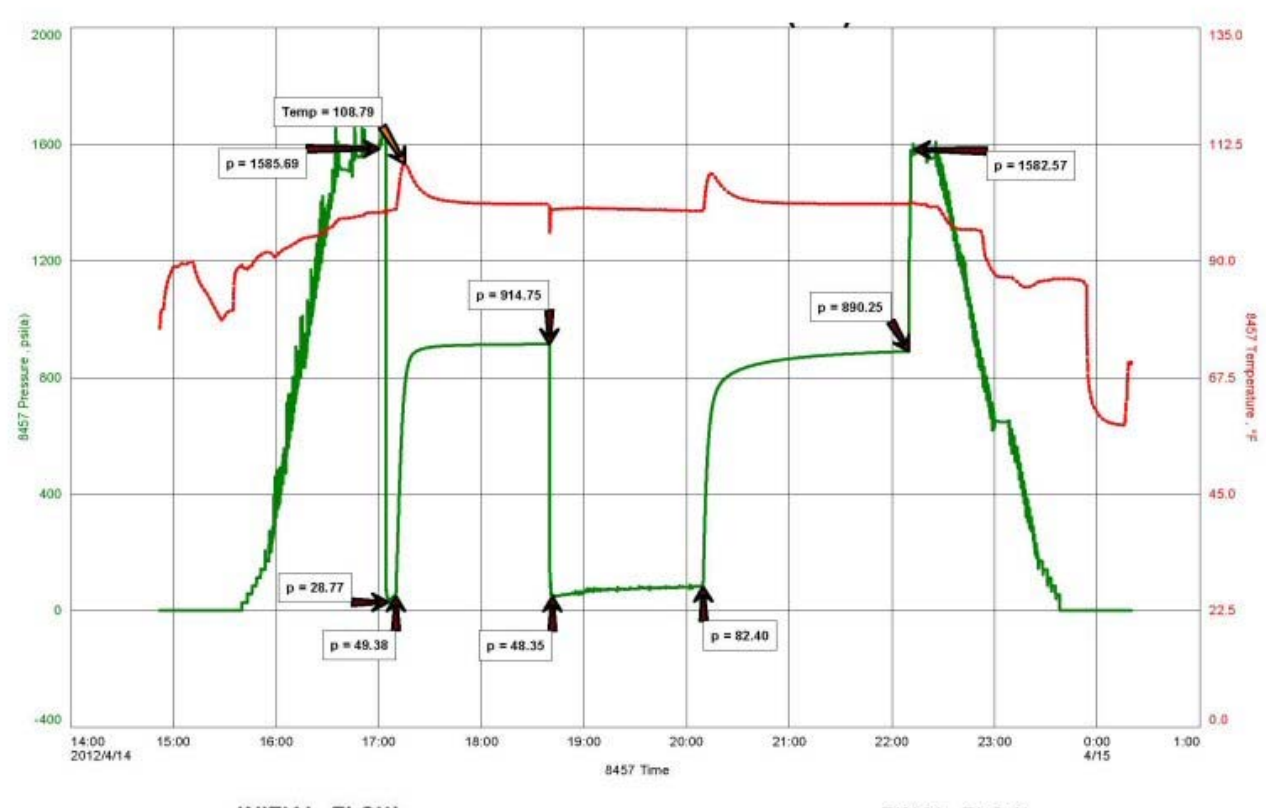
Mud Type CHEMICAL Viscosity 50 Drill Collar Length 331 ft. I.D. 2 1/4 in.
 Weight 8.95 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 2,100 P.P.M. Drill Pipe Length 3089 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 36 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. ^{32" DP IN ANCHOR} Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: GOOD 2 1/2 INCH BLOW, BUILDING, REACHING BOB 45 SEC. (NOBB)
 2nd Open: VERY STRONG BLOW HITTING BOB INSTANTANEOUSLY. (NOBB)

Recovered 3310 ft. of GAS IN PIPE
 Recovered 210 ft. of MUD
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Price Job _____
 Other Charges _____

Remarks:			Insurance
TOOL SAMPLE: 4% OIL, 96% MUD			Total
Time Set Packer(s)	5:04 PM A.M. P.M.	Time Started Off Bottom	10:09 PM A.M. P.M. Maximum Temperature 109 deg.
Initial Hydrostatic Pressure.....	(A)	1586 P.S.I.	
Initial Flow Period..... Minutes	5 (B)	29 P.S.I. to (C)	49 P.S.I.
Initial Closed In Period..... Minutes	90 (D)	915 P.S.I.	
Final Flow Period..... Minutes	90 (E)	48 P.S.I. to (F)	82 P.S.I.
Final Closed In Period..... Minutes	120 (G)	890 P.S.I.	
Final Hydrostatic Pressure.....	(H)	1583 P.S.I.	



INITIAL FLOW

Time O'Clock	Orifice Size	Gauge	CF/D
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	

FINAL FLOW PSI

Time O'Clock	Orifice Size	Gauge	CF/D
10	1/2 in.	5.5 in.	81,800
20	1/2 in.	8 in.	101,000
30	1/2 in.	9.5 in.	112,000
40	1/2 in.	10.5 in.	118,500
*50	1/2 in.	11.5 in.	125,000
60	1/2 in.	12 in.	129,000
70	1/2 in.	12.5 in.	131,500
80	1/2 in.	13 in.	134,000
90	1/2 in.	13 in.	134,000
	in.	in.	

*TOOK SAMPLE

ROCK TYPES

Anhy vert	Dolsec	Lmst fw7>	shale, gry	shale, red
Dolprim	Lmst fw<7	shale, grn	Carbon Sh	

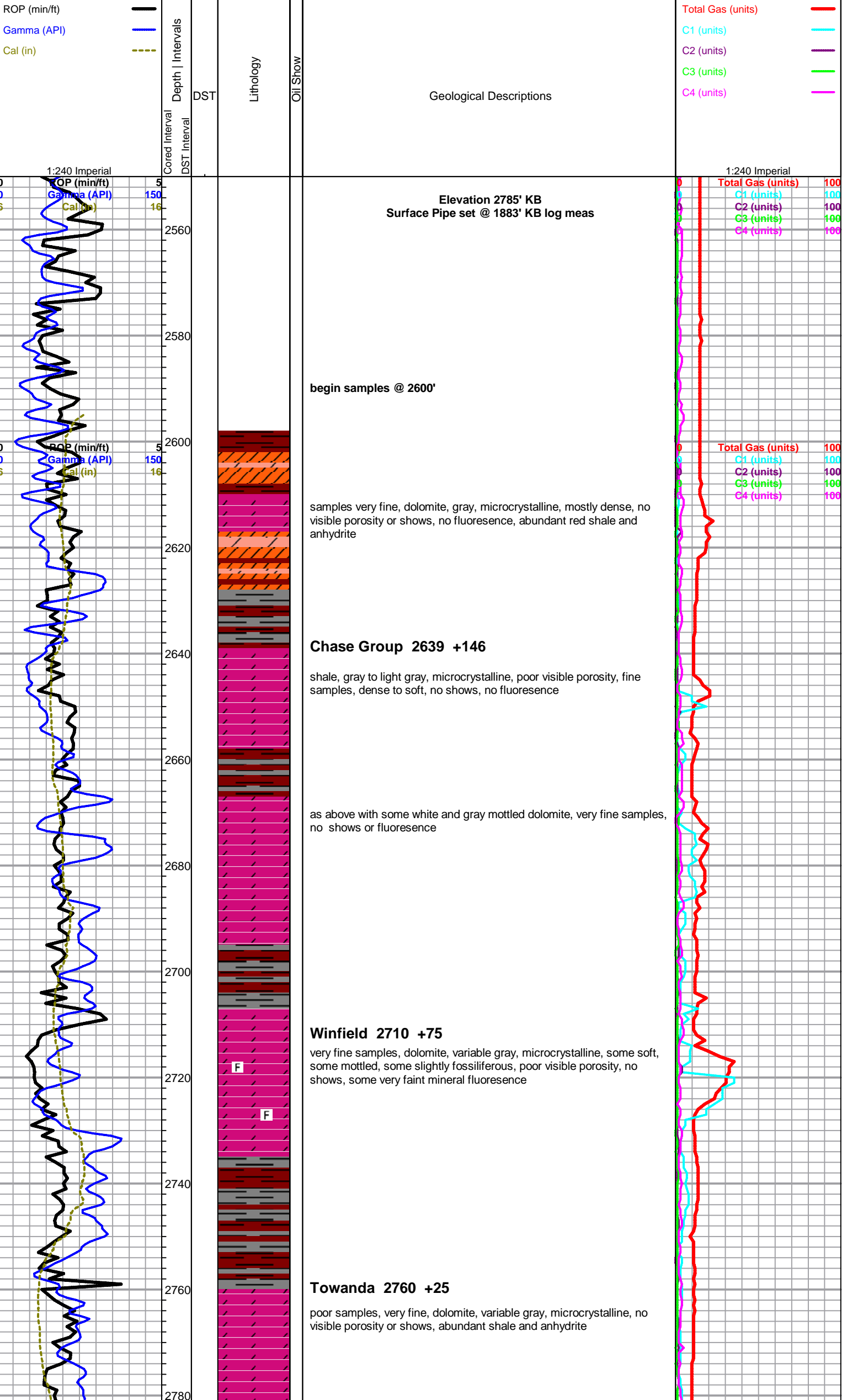
ACCESSORIES

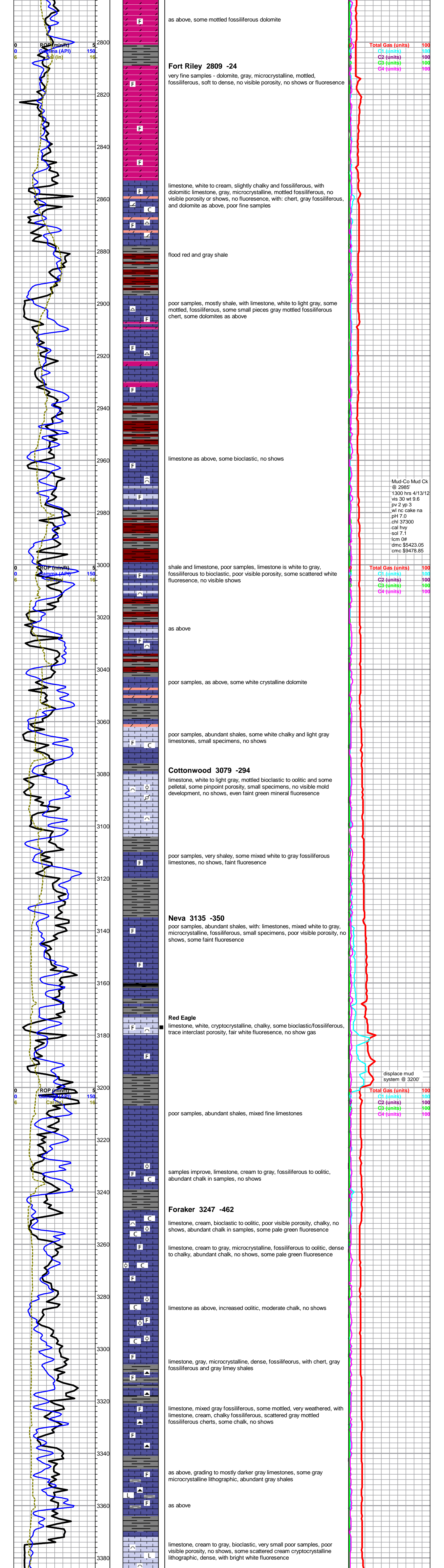
MINERAL	FOSSIL	STRINGER	TEXTURE
— Argillaceous ▲ Chert, dark ∟ Dolomitic ∩ Glauconite × Mineral Crystals P Pyrite △ Chert White	∩ Bioclastic or Fragmental F Fossils < 20% ∩ Oolite ∩ Pellets ∩ Oomoldic	— Shale — green shale — red shale — carb shale	C Chalky L Lithogry

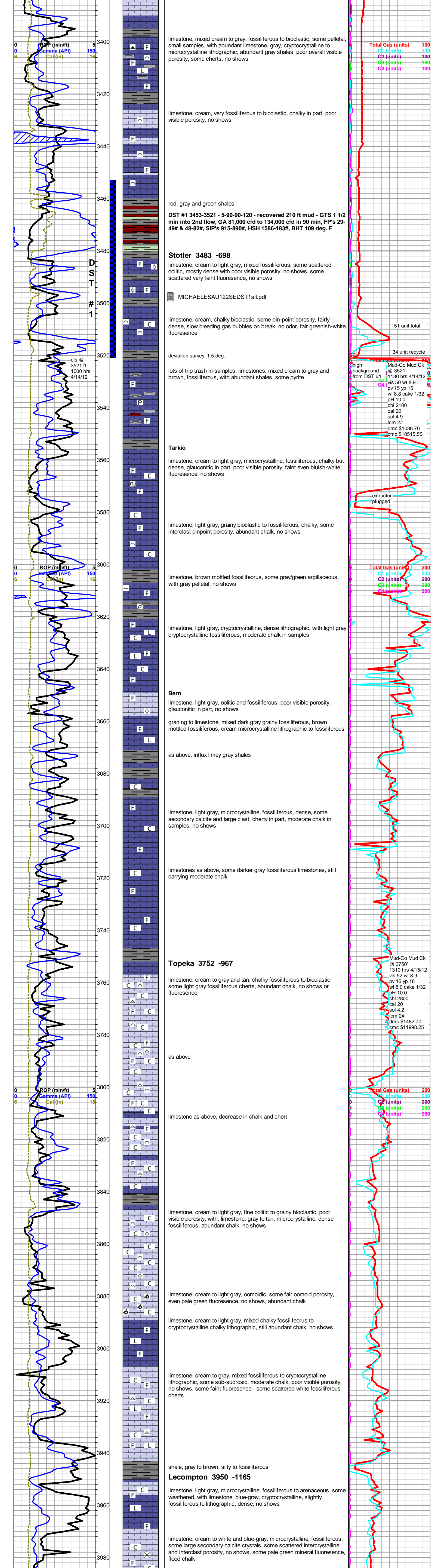
OTHER SYMBOLS

MISC	DST
DR Daily Report Digital Photo Document Folder Link Vertical Log File Horizontal Log File Core Log File Drill Cuttings Rpt	DST Int DST alt Core tail pipe

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







limestone, mixed cream to gray, fossiliferous to bioclastic, some pelletal, small samples, with abundant limestone, gray, cryptocrystalline to microcrystalline lithographic, abundant gray shales, poor overall visible porosity, some cherts, no shows

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

limestone, cream, very fossiliferous to bioclastic, chalky in part, poor visible porosity, no shows

red, gray and green shales

DST #1 3453-3521 - 5-90-90-120 - recovered 210 ft mud - GTS 1 1/2 min into 2nd flow, GA 81,000 cfd to 134,000 cfd in 90 min, FP's 29-49# & 48-82#, SIP's 915-890#, HSH 1586-183#, BHT 109 deg. F

Stotler 3483 -698

limestone, cream to light gray, mixed fossiliferous, some scattered oolitic, mostly dense with poor visible porosity, no shows, some scattered very faint fluorescence, no shows

MICHAELSAU122SEDST1all.pdf

limestone, cream, chalky bioclastic, some pin-point porosity, fairly dense, slow bleeding gas bubbles on break, no odor, fair greenish-white fluorescence

51 unit total

deviation survey 1.5 deg.

lots of trip trash in samples, limestones, mixed cream to gray and brown, fossiliferous, with abundant shales, some pyrite

High background from DST #1
 Mud-Co Mud Ck @ 3521' 1130 hrs 4/14/12
 vis 50 wt 8.9
 pv 15 yp 15
 wl 8.8 cake 1/32
 pH 10.0
 chl 2100
 cal 20
 sol 4.9
 lcm 2#
 dmc \$1036.70
 cmc \$10515.55

Tarkio

limestone, cream to light gray, microcrystalline, fossiliferous, chalky but dense, glauconitic in part, poor visible porosity, faint even bluish-white fluorescence, no shows

extractor plugged

limestone, light gray, grainy bioclastic to fossiliferous, chalky, some interclast pinpoint porosity, abundant chalk, no shows

limestone, brown mottled fossiliferous, some gray/green argillaceous, with gray pelletal, no shows

Total Gas (units) 200
 C1 (units) 200
 C2 (units) 200
 C3 (units) 200
 C4 (units) 200

limestone, light gray, cryptocrystalline, dense lithographic, with light gray cryptocrystalline fossiliferous, moderate chalk in samples

Bern

limestone, light gray, oolitic and fossiliferous, poor visible porosity, glauconitic in part, no shows

grading to limestone, mixed dark gray grainy fossiliferous, brown mottled fossiliferous, cream microcrystalline lithographic to fossiliferous

as above, influx limey gray shales

limestone, light gray, microcrystalline, fossiliferous, dense, some secondary calcite and large clast, cherty in part, moderate chalk in samples, no shows

limestones as above, some darker gray fossiliferous limestones, still carrying moderate chalk

Topeka 3752 -967

limestone, cream to gray and tan, chalky fossiliferous to bioclastic, some light gray fossiliferous cherts, abundant chalk, no shows or fluorescence

Mud-Co Mud Ck @ 3750' 1310 hrs 4/15/12
 vis 52 wt 8.9
 pv 16 yp 16
 wl 8.0 cake 1/32
 pH 10.0
 chl 2800
 cal 20
 sol 4.2
 lcm 2#
 dmc \$1482.70
 cmc \$11998.25

as above

Total Gas (units) 200
 C1 (units) 200
 C2 (units) 200
 C3 (units) 200
 C4 (units) 200

limestone as above, decrease in chalk and chert

limestone, cream to light gray, fine oolitic to grainy bioclastic, poor visible porosity, with: limestone, gray to tan, microcrystalline, dense fossiliferous, abundant chalk, no shows

limestone, cream to light gray, oomoldic, some fair oomold porosity, even pale green fluorescence, no shows, abundant chalk

limestone, cream to light gray, mixed chalky fossiliferous to cryptocrystalline chalky lithographic, still abundant chalk, no shows

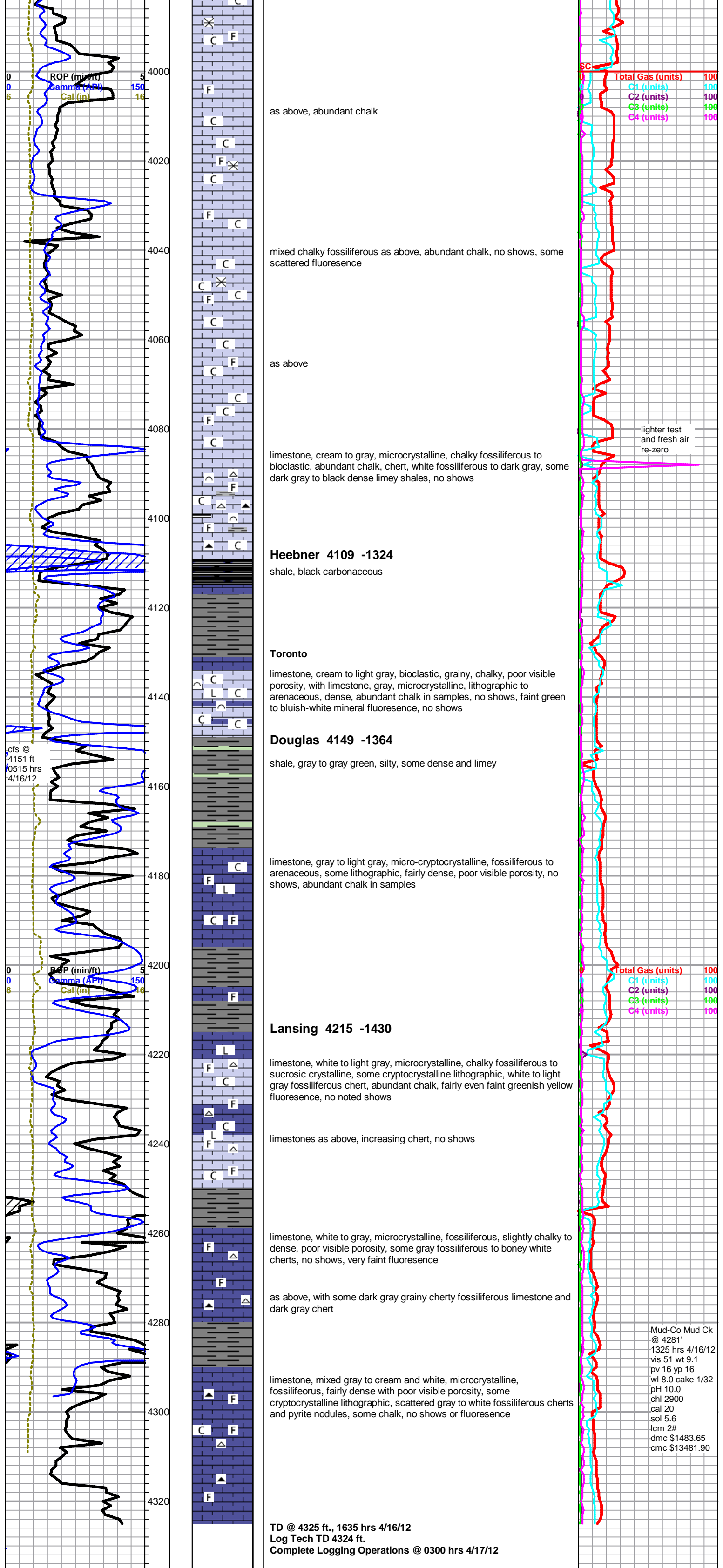
limestone, cream to gray, mixed fossiliferous to cryptocrystalline lithographic, some sub-sucrosic, moderate chalk, poor visible porosity, no shows, some faint fluorescence - some scattered white fossiliferous cherts

shale, gray to brown, silty to fossiliferous

Lecompton 3950 -1165

limestone, light gray, microcrystalline, fossiliferous to arenaceous, some weathered, with limestone, blue-gray, cryptocrystalline, slightly fossiliferous to lithographic, dense, no shows

limestone, cream to white and blue-gray, microcrystalline, fossiliferous, some large secondary calcite crystals, some scattered intercrystalline and interclast porosity, no shows, some pale green mineral fluorescence, flood chalk



as above, abundant chalk

mixed chalky fossiliferous as above, abundant chalk, no shows, some scattered fluorescence

as above

limestone, cream to gray, microcrystalline, chalky fossiliferous to bioclastic, abundant chalk, chert, white fossiliferous to dark gray, some dark gray to black dense limey shales, no shows

Heebner 4109 -1324

shale, black carbonaceous

Toronto

limestone, cream to light gray, bioclastic, grainy, chalky, poor visible porosity, with limestone, gray, microcrystalline, lithographic to arenaceous, dense, abundant chalk in samples, no shows, faint green to bluish-white mineral fluorescence, no shows

Douglas 4149 -1364

shale, gray to gray green, silty, some dense and limey

limestone, gray to light gray, micro-cryptocrystalline, fossiliferous to arenaceous, some lithographic, fairly dense, poor visible porosity, no shows, abundant chalk in samples

Lansing 4215 -1430

limestone, white to light gray, microcrystalline, chalky fossiliferous to sucrosic crystalline, some cryptocrystalline lithographic, white to light gray fossiliferous chert, abundant chalk, fairly even faint greenish yellow fluorescence, no noted shows

limestones as above, increasing chert, no shows

limestone, white to gray, microcrystalline, fossiliferous, slightly chalky to dense, poor visible porosity, some gray fossiliferous to boney white cherts, no shows, very faint fluorescence

as above, with some dark gray grainy cherty fossiliferous limestone and dark gray chert

limestone, mixed gray to cream and white, microcrystalline, fossiliferous, fairly dense with poor visible porosity, some cryptocrystalline lithographic, scattered gray to white fossiliferous cherts and pyrite nodules, some chalk, no shows or fluorescence

lighter test and fresh air re-zero

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

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

Mud-Co Mud Ck @ 4281'
1325 hrs 4/16/12
vis 51 wt 9.1
pv 16 yp 16
wl 8.0 cake 1/32
pH 10.0
chl 2900
cal 20
sol 5.6
lcm 2#
dmc \$1483.65
cmc \$13481.90

TD @ 4325 ft., 1635 hrs 4/16/12
Log Tech TD 4324 ft.
Complete Logging Operations @ 0300 hrs 4/17/12

ALLIED CEMENTING CO., INC.

Federal Tax I.D.# 48-0727860

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

SERVICE POINT: 27029
L. GERAK KS

DATE <u>4-11-12</u>	SEC. <u>22</u>	TWP. <u>28S</u>	RANGE <u>30W</u>	CALLED OUT	ON LOCATION	JOB START <u>12:30 PM</u>	JOB FINISH <u>1:30 PM</u>
LEASE <u>Michael BSAU</u>	WELL# <u>ESAU</u>	<u>1-22</u>	LOCATION <u>Copland No #4</u>			COUNTY <u>Gray</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)		<u>TOCC KAN</u>					

CONTRACTOR SIF
 TYPE OF JOB 8 1/2" SURFACE
 HOLE SIZE 12 1/2" T.D. 1889'
 CASING SIZE 8 5/8" 24" DEPTH 1883'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 1000 MINIMUM 4
 MEAS. LINE SHOE JOINT 40
 CEMENT LEFT IN CSG. 40
 PERFS.
 DISPLACEMENT 117.2 BBL

OWNER SAME
 CEMENT
 AMOUNT ORDERED 675 SK 65/35
6% GEL 3% CL 1/4" ROSEAL
150 A 2% GEL 3% CL
 COMMON 150 A @ 16.25 2437.50
 POZMIX @
 GEL 35K @ 2.10 680
 CHLORIDE 285K CL @ 5.80 1629.00
 ASC @
675 LITE @ 15.00 10125.00
 @
 @
FLOSEAL 169LB @ 2.20 456.20
 @
 @
 @
 @
 @
 HANDLING 863 @ 2.25 1941.75
 MILEAGE 5K mi x 11 @ 4.16 416.00
 TOTAL 2140.75

EQUIPMENT
Job
 PUMP TRUCK CEMENTER R. Ryan
 # 549/550 HELPER BETO / Kenney
 BULK TRUCK
 # DRIVER VINCENTE
 BULK TRUCK
 # 457/551 DRIVER ANGEL

REMARKS:

Thank you
Circle cut to surface

CHARGE TO: FALCON EXP
 STREET _____
 CITY _____ STATE _____ ZIP _____

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Leon Kuh

SERVICE
 DEPTH OF JOB 1883'
 PUMP TRUCK CHARGE 1925.00
 EXTRA FOOTAGE @
 MILEAGE 100 mi @ 7.00 700
 MANIFOLD + HEAD @ 200.00
CTUEL mi; 100 mi @ 4.00 400
 @
 TOTAL 3225.00

PLUG & FLOAT EQUIPMENT
8 1/2"
3- BASKET @ 314 942.00
3- CEMENTACIZER @ 67 201.00
1- AFU @ 235
1- Guide Shoe @ 404
1- SW PLY @ 107
 TOTAL 1886.00

TAX _____
 TOTAL CHARGE \$26512.75
 DISCOUNT \$19884.50 IF PAID IN 30 DAYS
 PRINTED NAME Leon Kuh



Cement Report

Customer	Falcon Exploration	Lease No.		Date	4/17/12
Lease	Michael F5011	Well #	1-72	Service Receipt	
Casing	5 1/2	Depth	3623	County	Gray
Job Type	L.S.	Formation		Legal Description	22-28-30

Pipe Data		Perforating Data		Cement Data
Casing size	5 1/2	Tubing Size		Lead 140sx 14.8#
Depth	3623	Depth		AN-2
Volume	49	Volume		1.511 6.640
Max Press	1500	Max Press		Tail in
Well Connection	P.C.	Annulus Vol.		
Plug Depth		Packer Depth		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
12:00					11/100 Spot-tricks, R.V. soft-patg
16:27	2500				13. test
16:25	250		5	5	H2O
16:27	250		12	5	Superflush
16:30	250		5	5	H2O
16:44					Plug RTM
16:59	240		0	5	Start mixing @ 14.8#
17:09	0		38	-	Finish mixing, Drop Plug
17:12					Wash up P/L
17:20	210		0	17.3	Start Disp
17:30	100		77	25	Slow Rate
17:35	1500		47	-	Plug Down
					Release Psi, Plug held
					Job Complete

Service Units	19858	39223 39276	35750 37975		
Driver Names	Harz	R. Olden	W. V. Lopez		

_____ Customer Representative
 _____ Station Manager
 _____ Cementer