Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1072776

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 # 5316
Name: Falcon Exploration, Inc.
Address 1: 125 N MARKET STE 1252
Address 2:
City: WICHITA State: KS Zip: 67202 + 1719
Contact Person: CYNDE WOLF
Phone: (316) 262-1378
CONTRACTOR: License # 5142
Name: Sterling Drilling Company
Wellsite Geologist: KEITH REAVIS
Purchaser: NA

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 #:

10/10/2011	10/22/2011	10/23/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-081-21966-00-00
Spot Description:
S2 - NW - SW - NE Sec. 36 Twp. 27 S. R. 31 ☐ East ☑ West
1680 Feet from ☑ North / ☐ South Line of Section
2310 Feet from ☑ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:
☑ NE ☐ NW ☐ SE ☐ SW

GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Haskell
Lease Name: GARETSON BROTHERS Well #: 1-36(NE)
Field Name:
Producing Formation: NA
Elevation: Ground: 2845 Kelly Bushing: 2858
Total Vertical Depth: 5550 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 1863 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: 8800 ppm Fluid volume: 60 bbls
Dewatering method used: Evaporated

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: 01/25/2012
☑ **Confidential Release Date:** 01/24/2014
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 01/25/2012

[redacted] 1072776

Operator Name: Falcon Exploration, Inc. Lease Name: GARETSON BROTHERS Well #: 1-36(NE)

Sec. 36 Twp. 27 S. R. 31 ☐ East ☑ West County: Haskell

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Attached

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Attached	Attached	Attached

CASING RECORD ☑ New ☐ 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
SURFACE	12.25	8.625	24	1863	65/35;CLASS A	750	2% GEL, 3% CC

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	-			
	-			

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 *(Amount and Kind of Material Used)*	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: ☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)* _____

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Falcon Exploration, Inc.
Well Name	GARETSON BROTHERS 1-36(NE)
Doc ID	1072776

All Electric Logs Run

CNL/CDL
BHCS
DIL
MEL

Form	ACO1 - Well Completion
Operator	Falcon Exploration, Inc.
Well Name	GARETSON BROTHERS 1-36(NE)
Doc ID	1072776

Tops

Name	Top	Datum
STOTLER	3541	-684
LANSING	4228	-1370
MARMATON	4728	-1870
PAWNEE	4817	-1959
CHEROKEE	4864	-2006
MORROW SH	5068	-2210
MISS ST GEN	5185	-2327
MISS ST LOUIS	5251	-2393

ALLIED CEMENTING CO., LLC. 036548

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Liberal, Ks

DATE 10-12-11	SEC. 36	TWP. 27	RANGE 31W	CALLED OUT	ON LOCATION	JOB START 3:00pm	JOB FINISH 4:00pm
LEASE Satterfield	WELL # 1-36		LOCATION Copeland N on Rd 42 W to Lou			COUNTY Haskell	STATE Ks
OLD OR NEW (Circle one)							

CONTRACTOR Sterling #5
TYPE OF JOB 8 5/8 Surface
HOLE SIZE 12 1/4 T.D. 1868'
CASING SIZE 8 5/8 DEPTH 1863'
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX 1000 PSI MINIMUM
MEAS. LINE SHOE JOINT 40.57
CEMENT LEFT IN CSG. 40.57
PERFS.
DISPLACEMENT 115.9 BBL

OWNER Same

EQUIPMENT

PUMP TRUCK CEMENTER Bob
372 HELPER Ceasar
BULK TRUCK
457/251 DRIVER Robin
BULK TRUCK
462/252 DRIVER Adam (M.C.)

CEMENT

AMOUNT ORDERED 600 65/35 6% Gel 3% CC 1/4# Flo Seal
150 A 3% CC 2% Gel

COMMON	150	@ 16.25	2437.50
POZMIX		@	
GEL	3 SK	@ 21.25	63.75
CHLORIDE	265 CC	@ 58	1515.00
ASC		@	
600 LITE		@ 15.00	9000.00
		@	
FLOSEAL 150LB		@ 2.70	405.00
		@	
		@	
		@	
		@	
HANDLING	782	@ 2.25	1759.50
MILEAGE	5K x Mix x 11		4501.00
		TOTAL	19479.95

REMARKS:

On Loc + Safety Meeting
Break Circ
Mix 600 SK Lite
Mix 150 SK A
Shut Down + Drop Plug
Disp Cmt
Land Plug + Release PSI
Float Holding + Circ Cmt To Surface

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			1925.00
EXTRA FOOTAGE		@	
MILEAGE	100 mi	@ 7.00	700.00
MANIFOLD + Head		@	200.00
CTU EL mi 100		@ 4.00	400
		@	
		TOTAL	3225.00

CHARGE TO: Falcon Exp
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

8 5/8

1- AFU		@	382.00
4 Centralizer		@ 64.00	256.00
3- Basket		@ 478.00	1434.00
1- Guide Shoe		@ 394	394.00
1- Top Plug 5-W		@	112.00
		TOTAL	2578.00

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

PRINTED NAME Leon Kuhn

SIGNATURE Leon Kuhn

SALES TAX (If Any)
TOTAL CHARGES 25282.95
DISCOUNT 5056.59 IF PAID IN 30 DAYS
20,226.36

ALLIED CEMENTING CO., LLC. 043517

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Oakley

DATE 10-23-11	SEC 36	TWP. 27S	RANGE 31W	CALLED OUT	ON LOCATION	JOB START 4:30AM	JOB FINISH 5:30AM
LEASE Garetson Brothers	WELL # 1-36		LOCATION Copeland 11N 1W			COUNTY Haskell	STATE KS
OLD OR (NEW) (Circle one)			11N 1/2W Sinto				

CONTRACTOR Sterling Rig 5
TYPE OF JOB PTA
HOLE SIZE 7 7/8 T.D. 5550'
CASING SIZE DEPTH
TUBING SIZE DEPTH
DRILL PIPE 4 1/2 DEPTH 1890'
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT

OWNER same

EQUIPMENT

PUMP TRUCK # 431 CEMENTER Andrew
HELPER Darrin
BULK TRUCK # 347 DRIVER Ethan
BULK TRUCK # DRIVER

CEMENT

AMOUNT ORDERED 120 sks 60/40 4%gel 1/4 Flo-seal

COMMON	102 sks	@16.25	1657.50
POZMIX	68 sks	@8.50	578.00
GEL	6 sks	@21.25	127.50
CHLORIDE		@	
ASC		@	
Flo-seal	42#	@2.70	113.40
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	128 sks	@2.25	400.50
MILEAGE	11¢ sk/mile		1076.90

TOTAL 3953.80

REMARKS:

50 sks @ 1890'
50 sks @ 740'
20 sks @ 60'
20 sks @ mousehole
30 sks @ Rathole

thank you

SERVICE

DEPTH OF JOB 1890
PUMP TRUCK CHARGE 1250.00
EXTRA FOOTAGE @
MILEAGE 55 miles x2 @7.00 770.00
MANIFOLD @
Light vehicle @4.00 440.00
@

TOTAL 2460.00

CHARGE TO: Falcon Exploration
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

@
@
@
@
@

TOTAL

SALES TAX (If Any)
TOTAL CHARGES
DISCOUNT IF PAID IN 30 DAYS

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

PRINTED NAME ALAN LOFTIN

SIGNATURE Alan Loftin

Company	**Falcon Exploration, Inc.**	Lease Name	**Garetson Brothers NE**
Address	**125 North Market, Suite 1252**	Lease #	**1-36**
CSZ	**Wichita, KS 67202**	Legal Desc	**S/2 NW SW NE**
Attn.	**Keith Reavis**	Section	**36**
		Township	**27S**
		County	**Haskell**
		Drilling Cont	**Sterling Drilling #5**

Job Ticket **3449** Range **31W** State **KS**

Comments **Field: Wildcat**

GENERAL INFORMATION

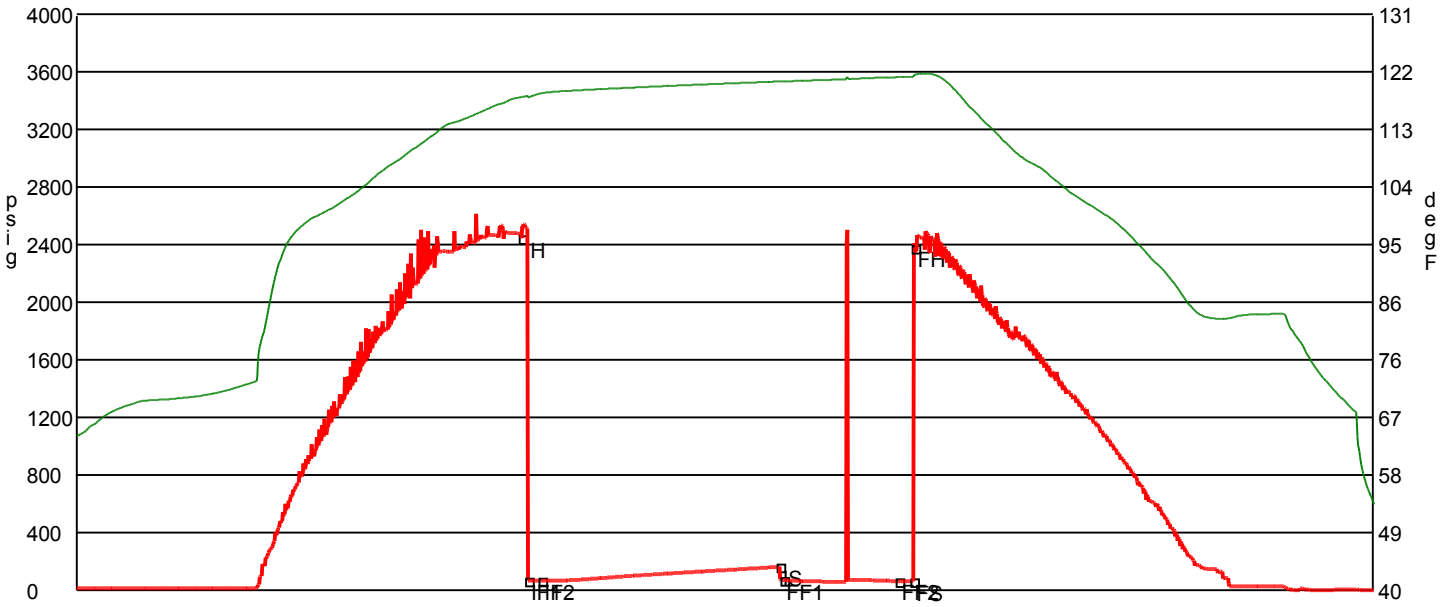
				Chokes	**3/4**	Hole Size	**7 7/8**
Test #	**1**	Test Date	**10/19/2011**	Top Recorder #	**13767**		
Tester	**Jimmy Ricketts**			Mid Recorder #			
Test Type	**Conventional Bottom Hole Successful Test**			Bott Recorder #	**w1022**		
# of Packers	**2.0**	Packer Size	**6 3/4**	Mileage	**232**	Approved By	
				Standby Time	**0**		
Mud Type	**Gel Chem**			Extra Equipmnt	**Jars & Safety Joint**		
Mud Weight	**9.2**	Viscosity	**54.0**	Time on Site	**2:15 PM**		
Filtrate	**8.4**	Chlorides	**1700**	Tool Picked Up	**3:00 PM**		
				Tool Layed Dwn	**10:30 PM**		
Drill Collar Len	**334.0**						
Wght Pipe Len	**0**			Elevation	**2845.00**	Kelley Bushings	**2853.00**
Formation	**Inola & Morrow**			Start Date/Time	**10/19/2011 2:53 PM**		
Interval Top	**5024.0**	Bottom	**5077.0**	End Date/Time	**10/19/2011 10:58 PM**		
Anchor Len Below	**53.0**	Between	**0**				
Total Depth	**5077.0**						

Blow Type **Surface blow throughout initial flow period. No blow throughout final flow period. Flushed tool 25 minutes into final flow period, no help. Times: 5, 90, 45, 5.**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
30	Drilling mud	0% 0ft	0% 0ft	0% 0ft	100%30ft

DST Fluids **0**



	Date	Time	Pressure	Temp	
IH	10/19/2011 5:38:00 PM	2.75	2444.578	117.958	Initial Hydro-static
IF1	10/19/2011 5:40:30 PM	2.791667	67.317	117.908	Initial Flow (1)
IF2	10/19/2011 5:45:30 PM	2.875	68.123	118.558	Initial Flow (2)
IS	10/19/2011 7:15:00 PM	4.366667	164.375	120.423	Initial Shut-In
FF1	10/19/2011 7:16:30 PM	4.391667	72.333	120.421	Final Flow (1)
FF2	10/19/2011 7:59:45 PM	5.1125	65.2	121.097	Final Flow (2)
FS	10/19/2011 8:05:15 PM	5.204167	63.295	121.159	Final Shut-In
FH	10/19/2011 8:05:45 PM	5.2125	2382.045	121.491	Final Hydro-static

GAS FLOWS

Min Into IFP	Min Into FFP	Gas Flows	Pressure	Choke

Company	**Falcon Exploration, Inc.**	Lease Name	**Garetson Brothers NE**
Address	**125 North Market, Suite 1252**	Lease #	**1-36**
CSZ	**Wichita, KS 67202**	Legal Desc	**S/2 NW SW NE**
Attn.	**Keith Reavis**	Section	**36**
		Township	**27S**
		County	**Haskell**
		Drilling Cont	**Sterling Drilling #5**

Job Ticket **3449** Range **31W** State **KS**

Comments **Field: Wildcat**

GENERAL INFORMATION

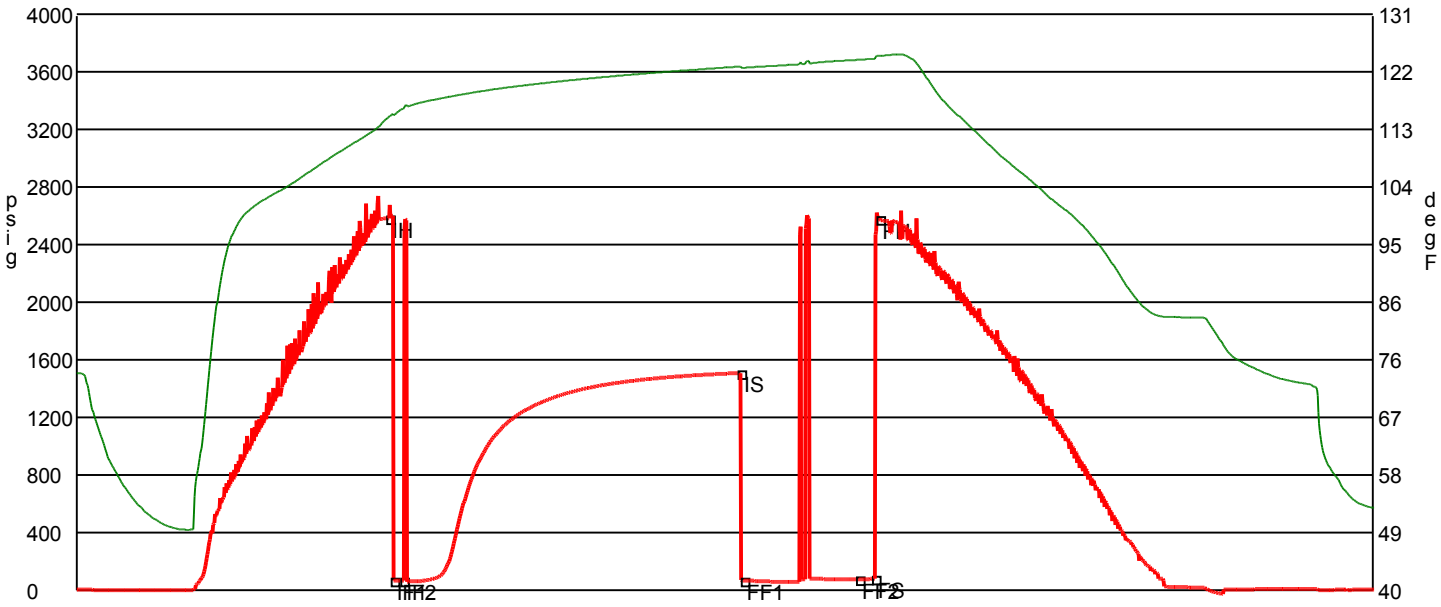
				Chokes	**3/4**	Hole Size	**7 7/8**
Test #	**2**	Test Date	**10/21/2011**	Top Recorder #	**13767**		
Tester	**Jimmy Ricketts**			Mid Recorder #			
Test Type	**Conventional Bottom Hole Successful Test**			Bott Recorder #	**w1022**		
# of Packers	**2.0**	Packer Size	**6 3/4**	Mileage	**0**	Approved By	
				Standby Time	**0**		
Mud Type	**Gel Chem**			Extra Equipmnt	**Jars & Safety Joint**		
Mud Weight	**9.0**	Viscosity	**55.0**	Time on Site	**1:00 AM**		
Filtrate	**8.4**	Chlorides	**2050**	Tool Picked Up	**2:40 AM**		
				Tool Layed Dwn	**9:00 AM**		
Drill Collar Len	**334.0**						
Wght Pipe Len	**0**			Elevation	**2845.00**	Kelley Bushings	**2853.00**
Formation	**Saint Louis**			Start Date/Time	**10/21/2011 2:22 AM**		
Interval Top	**5280.0**	Bottom	**5310.0**	End Date/Time	**10/21/2011 10:25 AM**		
Anchor Len Below	**30.0**	Between	**0**				
Total Depth	**5310.0**						

Blow Type **Weak blow building to 1/4 inch initial flow period. Inadvertantly flushed tool at start of initial shut-in period. No blow final flow period. Flushed tool twice at 23 minutes, no help. Times: 4, 126, 45, 5.**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
45	Drilling mud	0% 0ft	0% 0ft	0% 0ft	100%45ft

DST Fluids **0**



	Date	Time	Pressure	Temp	
IH	10/21/2011 4:16:45 AM	1.9125	2583.125	114.848	Initial Hydro-static
IF1	10/21/2011 4:18:30 AM	1.941667	67.777	115.1	Initial Flow (1)
IF2	10/21/2011 4:22:00 AM	2	70.673	116.118	Initial Flow (2)
IS	10/21/2011 6:28:30 AM	4.108333	1510.847	122.779	Initial Shut-In
FF1	10/21/2011 6:29:30 AM	4.125	70.03	122.581	Final Flow (1)
FF2	10/21/2011 7:12:45 AM	4.845833	76.363	123.85	Final Flow (2)
FS	10/21/2011 7:18:45 AM	4.945833	82.745	124.015	Final Shut-In
FH	10/21/2011 7:20:30 AM	4.975	2579.636	124.442	Final Hydro-static

GAS FLOWS

Min Into IFP	Min Into FFP	Gas Flows	Pressure	Choke

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:	Garetson Bros. #1-36		
Location:	Sec. 36 - T27S - R31W	API:	15-081-21966-0000
Pool:		Field:	Wildcat
State:	Kansas	Country:	USA

Scale 1:240 Imperial

Well Name:	Garetson Bros. #1-36		
Surface Location:	Sec. 36 - T27S - R31W		
Bottom Location:			
API:	15-081-21966-0000		
License Number:	5316		
Spud Date:	10/10/2011	Time:	00:00
Region:	Haskell County		
Drilling Completed:	10/22/2011	Time:	07:12
Surface Coordinates:	1680' FNL & 2310' FEL		
Bottom Hole Coordinates:			
Ground Elevation:	2845.00ft		
K.B. Elevation:	2858.00ft		
Logged Interval:	2600.00ft	To:	5550.00ft
Total Depth:	5550.00ft		
Formation:	Mississippian		
Drilling Fluid Type:	Chemical/Fresh Water Gel		

SURFACE CO-ORDINATES

Well Type:	Vertical		
Longitude:		Latitude:	
N/S Co-ord:	1680' FNL		
E/W Co-ord:	2310' 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:	10/10/2011	Time:	00:00
TD Date:	10/22/2011	Time:	07:12
Rig Release:		Time:	

ELEVATIONS

K.B. Elevation:	2858.00ft	Ground Elevation:	2845.00ft
K.B. to Ground:	13.00ft		

NOTES

A Sterling Drilling Company Tooke Daq gas detector was operational from surface casing to TD. The curves from the gas detector were imported into this log.

After review of drill stem test data and analysis of electrical logs, it was determined that the Garetson Bros. #1-36 should be plugged and abandoned as a dry test.

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

Respectfully submitted,
Keith Reavis

Falcon Exploration, Inc

daily drilling report

DATE	7:00 AM DEPTH	REMARKS
10/14/2011	2802	Geologist Keith Reavis on location @ 0120 hrs, 2621 ft., drilling ahead permian and Chase,Ft. Riley, Neva, displaced at 3200'
10/15/2011	3529	drilling Neva, Foraker, Stotler, Tarkio, Topeka
10/16/2011	4114	drilling Lecompton, Heebner, Douglas, Lansing
10/17/2011	4549	drilling ahead, LKC, Marmaton
10/18/2011	4871	drilling ahead, Marmaton, Pawnee, Cherokee, shut down for mud pump repairs, short trip to surface - appx 8 hrs
10/19/2011	5042	drilling ahead, Cherokee, Morrow shale, Inola lime show warrants DST, conduct and complete DST #1, successful test, TOH w/tools
10/20/2011	5116	TIH/w bit, resume drilling, Morrow, Chester, St. Gen., St. Louis show in St. Lo warrants DST
10/21/2011	5310	TIH w/tools, conducting DST #2, complete DST #2, successful test, trip back in hole, resume drilling
10/22/2011	5550	drilling ahead, St. Lo, Salem, rathole, TD, TOH for logs, conduct logging operations, geologist off location @ 1900 hrs

Falcon Exploration, Inc.

well comparison sheet

	DRILLING WELL Garetson Bros. #1-36 1680' FNL & 2310' FEL Sec 36-T27S-R31W				COMPARISON WELL McCoy Pet. - Koehn B #1-25 1980' FSL & 660' FWL Sec 25-T27S-R31W				COMPARISON WELL Falcon - Smith #1-5 1460' FNL & 330' FWL Sec 5-T28S-R30W			
	2858 KB				2822 KB		Structural Relationship		2832 KB		Structural Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Chase	2684	174	2684	174	2664	158	16	16	2673	159	15	15
Winfield	2768	90	2767	91	2740	82	8	9	2750	82	8	9
Towanda	2818	40	2808	50	2787	35	5	15	2799	33	7	17
Ft. Riley	2864	-6	2859	-1	2838	-16	10	15	2849	-17	11	16
Neva	3196	-338	3186	-328	3158	-336	-2	8	3179	-347	9	19
Foraker	3306	-448	3303	-445	3268	-446	-2	1	3293	-461	13	16
Stotler	3544	-686	3542	-684	3508	-686	0	2	3530	-698	12	14
Tarkio	3618	-760	3614	-756	3580	-758	-2	2	3602	-770	10	14
Topeka	3810	-952	3808	-950	3773	-951	-1	1	3802	-970	18	20
Heebner	4134	-1276	4131	-1273	4093	-1271	-5	-2	4140	-1308	32	35
Lansing	4232	-1374	4232	-1374	4190	-1368	-6	-6	4237	-1405	31	31
Stark Sh.	4585	-1727	4583	-1725	4546	-1724	-3	-1	4590	-1758	31	33
Marmaton	4729	-1871	4728	-1870	4689	-1867	-4	-3	4739	-1907	36	37
Pawnee	4818	-1960	4821	-1963	4772	-1950	-10	-13	4822	-1990	30	27
Cherokee	4865	-2007	4863	-2005	4813	-1991	-16	-14	4870	-2038	31	33
Morrow	5070	-2212	5068	-2210	5016	-2194	-18	-16	5070	-2238	26	28
Mississippi	5126	-2268	5124	-2266	5144	-2322	54	56	5154	-2322	54	56
St. Lo Por	5290	-2432	5289	-2431	5276	-2454	22	23	5310	-2478	46	47
Total Depth	5550	-2692	5552	-2694	5396	-2574	-118	-120	5552	-2720	28	26

Drill Stem Test #1

RICKETTS TESTING (620) 326-5830 Page 1

Company	**Falcon Exploration, Inc.**	Lease Name	**Garetson Brothers NE**
Address	**125 North Market, Suite 1252**	Lease #	**1-36**
CSZ	**Wichita, KS 67202**	Legal Desc	**S/2 NW SW NE**
Attn.	**Keith Reavis**	Section	**36**
		Township	**27S**
		County	**Haskell**
		Drilling Cont	**Sterling Drilling #5**
Comments	**Field: Wildcat**		

Job Ticket **3449** Range **31W** State **KS**

GENERAL INFORMATION

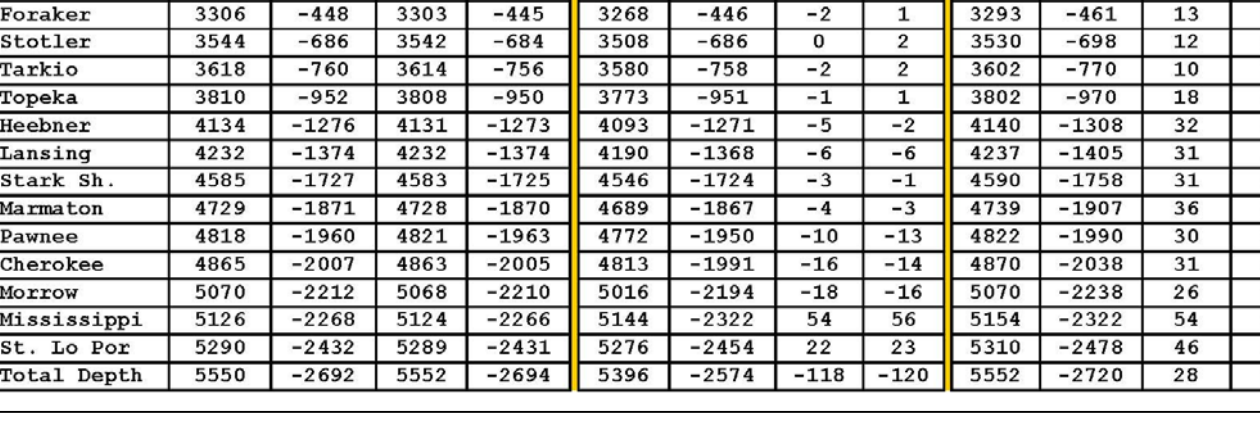
Test #	**1**	Test Date	**10/19/2011**
Tester	**Jimmy Ricketts**		
Test Type	**Conventional Bottom Hole Successful Test**		
# of Packers	**2.0**	Packer Size	**6 3/4**
Mud Type	**Gel Chem**		
Mud Weight	**9.2**	Viscosity	**54.0**
Filtrate	**8.4**	Chlorides	**1700**
Drill Collar Len	**334.0**		
Wght Pipe Len	**0**		
Formation	**Inola & Morrow**		
Interval Top	**5024.0**	Bottom	**5077.0**
Anchor Len Below	**53.0**	Between	**0**
Total Depth	**5077.0**		
Blow Type	**Surface blow throughout initial flow period. No blow throughout final flow period. Flushed tool 25 minutes into final flow period, no help. Times: 5, 90, 45, 5.**		

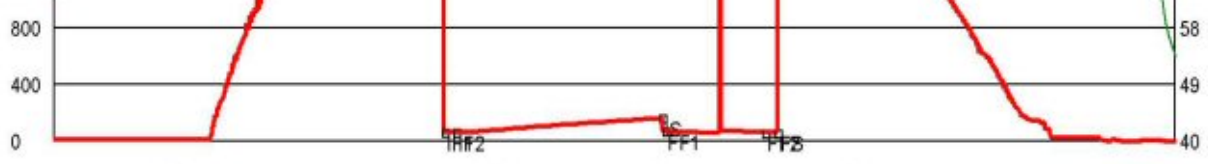
Chokes	**3/4**	Hole Size	**7 7/8**
Top Recorder #	**13767**		
Mid Recorder #			
Bott Recorder #	**w1022**		
Mileage	**232**	Approved By	
Standby Time	**0**		
Extra Equipmnt	**Jars & Safety Joint**		
Time on Site	**2:15 PM**		
Tool Picked Up	**3:00 PM**		
Tool Layed Dwn	**10:30 PM**		
Elevation	**2845.00**	Kelley Bushings	**2853.00**
Start Date/Time	**10/19/2011 2:53 PM**		
End Date/Time	**10/19/2011 10:58 PM**		

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
30	Drilling mud	0% 0ft	0% 0ft	0% 0ft	100%30ft

DST Fluids **0**





	Date	Time	Pressure	Temp	
IH	10/19/2011 5:38:00 PM	2.75	2444.578	117.958	Initial Hydro-static
IF1	10/19/2011 5:40:30 PM	2.791667	67.317	117.908	Initial Flow (1)
IF2	10/19/2011 5:45:30 PM	2.875	68.123	118.558	Initial Flow (2)
IS	10/19/2011 7:15:00 PM	4.366667	164.375	120.423	Initial Shut-In
FF1	10/19/2011 7:16:30 PM	4.391667	72.333	120.421	Final Flow (1)
FF2	10/19/2011 7:59:45 PM	5.1125	65.2	121.097	Final Flow (2)
FS	10/19/2011 8:05:15 PM	5.204167	63.295	121.159	Final Shut-In
FH	10/19/2011 8:05:45 PM	5.2125	2382.045	121.491	Final Hydro-static

Drill Stem Test #2

RICKETTS TESTING (620) 326-5830 Page 1

Company	**Falcon Exploration, Inc.**	Lease Name	**Garetson Brothers NE**
Address	**125 North Market, Suite 1252**	Lease #	**1-36**
CSZ	**Wichita, KS 67202**	Legal Desc	**S/2 NW SW NE**
Attn.	**Keith Reavis**	Section	**36**
		Township	**27S**
		County	**Haskell**
		Drilling Cont	**Sterling Drilling #5**

Job Ticket **3449** Range **31W** State **KS**

Comments **Field: Wildcat**

GENERAL INFORMATION

Test #	**2**	Test Date	**10/21/2011**
Tester	**Jimmy Ricketts**		
Test Type	**Conventional Bottom Hole Successful Test**		
# of Packers	**2.0**	Packer Size	**6 3/4**
Mud Type	**Gel Chem**		
Mud Weight	**9.0**	Viscosity	**55.0**
Filtrate	**8.4**	Chlorides	**2050**
Drill Collar Len	**334.0**		
Wght Pipe Len	**0**		
Formation	**Saint Louis**		
Interval Top	**5280.0**	Bottom	**5310.0**
Anchor Len Below	**30.0**	Between	**0**
Total Depth	**5310.0**		

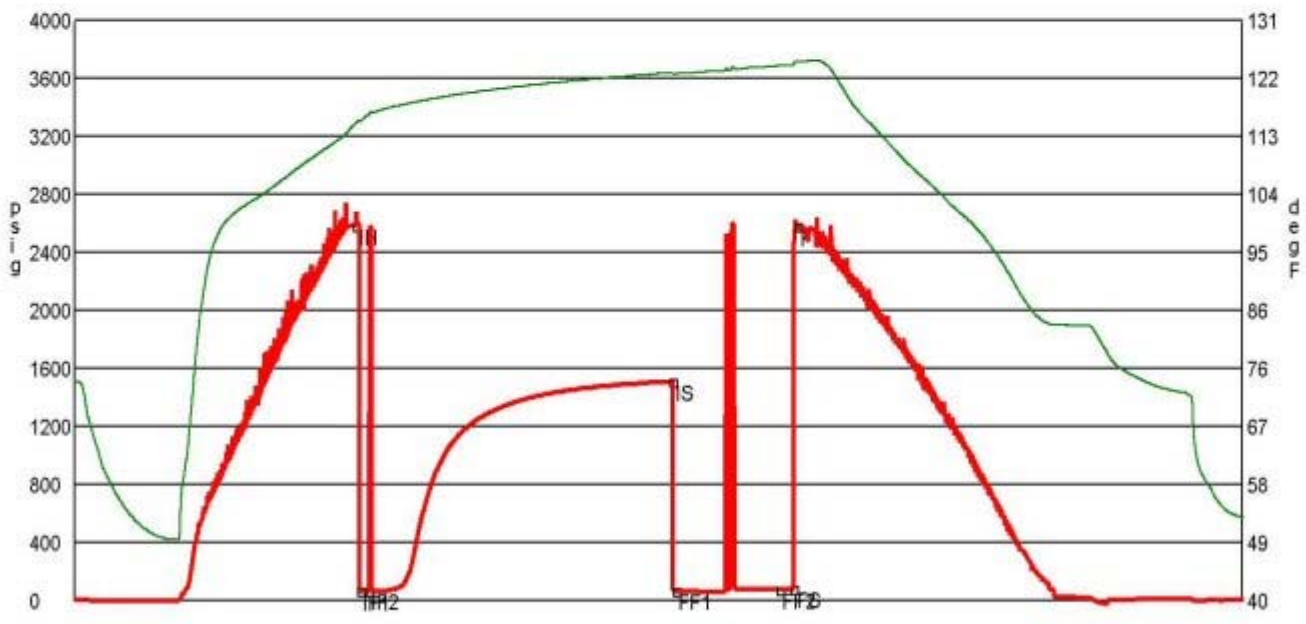
Chokes	**3/4**	Hole Size	**7 7/8**
Top Recorder #	**13767**		
Mid Recorder #			
Bott Recorder #	**w1022**		
Mileage	**0**	Approved By	
Standby Time	**0**		
Extra Equipmnt	**Jars & Safety Joint**		
Time on Site	**1:00 AM**		
Tool Picked Up	**2:40 AM**		
Tool Layed Dwn	**9:00 AM**		
Elevation	**2845.00**	Kelley Bushings	**2853.00**
Start Date/Time	**10/21/2011 2:22 AM**		
End Date/Time	**10/21/2011 10:25 AM**		

Blow Type **Weak blow building to 1/4 inch initial flow period. Inadvertantly flushed tool at start of initial shut-in period. No blow final flow period. Flushed tool twice at 23 minutes, no help. Times: 4, 126, 45, 5.**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
45	Drilling mud	0% 0ft	0% 0ft	0% 0ft	100%45ft

DST Fluids **0**



	Date	Time	Pressure	Temp	
IH	10/21/2011 4:16:45 AM	1.9125	2583.125	114.848	Initial Hydro-static
IF1	10/21/2011 4:18:30 AM	1.941667	67.777	115.1	Initial Flow (1)
IF2	10/21/2011 4:22:00 AM	2	70.673	116.118	Initial Flow (2)
IS	10/21/2011 6:28:30 AM	4.108333	1510.847	122.779	Initial Shut-In
FF1	10/21/2011 6:29:30 AM	4.125	70.03	122.581	Final Flow (1)
FF2	10/21/2011 7:12:45 AM	4.845833	76.363	123.85	Final Flow (2)
FS	10/21/2011 7:18:45 AM	4.945833	82.745	124.015	Final Shut-In
FH	10/21/2011 7:20:30 AM	4.975	2579.636	124.442	Final Hydro-static

ROCK TYPES

Cht, Dolprim, Dolsec, sdy lmst, Lmst fw<7, Lmst fw7>, shale, grn, shale, gry, Carbon Sh, shale, red, Ss

ACCESSORIES

MINERAL
- Argillaceous
- Calcareous
- Chert, dark
- Chert, tripolitic
- Dolomitic
- Glauconite
- Mineral Crystals
- Pyrite
- Sandy
- Varicolored chert
- Chert White
- Argillaceous/Shale

FOSSIL
- Bioclastic or Fragmental
- F Fossils < 20%
- Oolite
- Pellets
- Plant Remains
- Oomoldic

STRINGER
- Dolomite
- Limestone
- Sandstone
- Siltstone
- Shale
- green shale
- carb shale

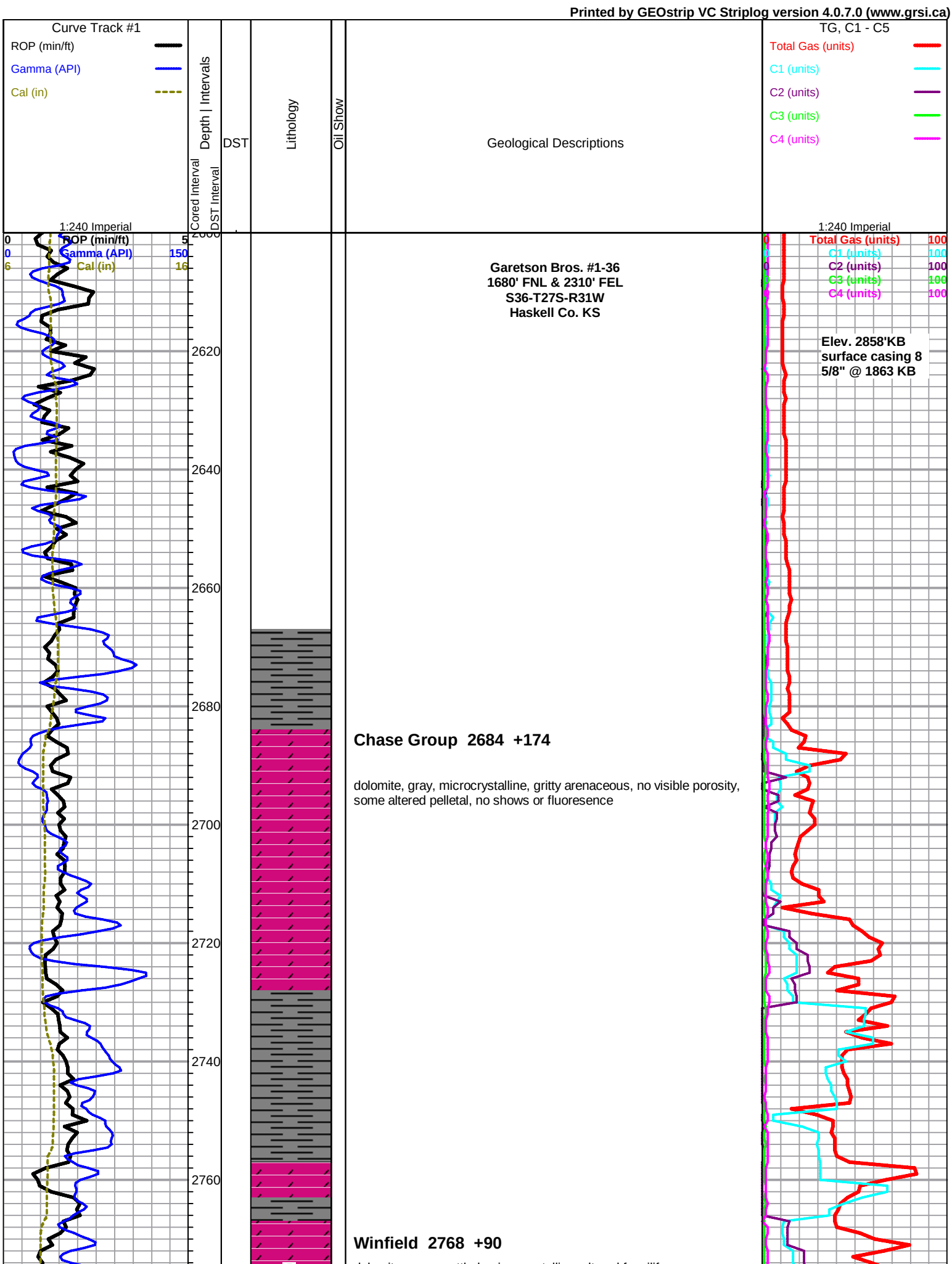
TEXTURE
- C Chalky
- CX Cryptocrystalline
- L Lithogr

OTHER SYMBOLS

MISC
- Daily Report
- Digital Photo
- Document
- Folder
- Link
- Vertical Log File
- Horizontal Log File
- Core Log File
- Drill Cuttings Rpt

DST
- DST Int
- DST alt
- Core

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



visible porosity, with gray soft argillaceous, no shows or fluoresence

red and gray shales

cfs @ 2802 ft
0650 hrs
10/14/11

0 ROP (min/ft) 5
0 Gamma (API) 150
6 Cal (in) 16

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

Towanda 2818 +40

dolomite, light gray, microcrystalline, arenaceous, abundant gray fossiliferous chert

grading to dolomite, dark gray, arenacous to fossiliferous, grainy, no shows

Ft. Riley 2864 -6

dolomite, mixed gray, slightly arenaceous, microcrystalline, some grainy, fairly dense, mostly poor samples, abundant red shales and anhydrite

as above

samples clean back up, limestone to dolomitic limestone, gray, microcrystalline, grainy fossiliferous, cream to light gray sub-sucrosic and cream to light gray, cryptocrystalline, compact lithographic, abundant chalk, milky wash, no shows

0 ROP (min/ft) 5
0 Gamma (API) 150
6 Cal (in) 16

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

as above, increasing chalk, lithographic facies drops out

Mud-Co Mud Ck
@ 3031'
1400 hrs 10/14/11
vis 34 wt 9.4
pv 3 yp 4
wl nc cake na
pH 7.0
chl 36000
cal hvy
sol 5.8
lcm 0#
dmc $4050.35
cmc $10002.85

limestone, light gray to cream and white, very fossiliferous, grainy, some pinpoint porosity, abundant chalk, no shows, some amber/orange cherts

as above

Cottonwood

limestone, cream to light gray to white, bioclastic, microcrystalline, grainy, some pinpoint porosity, no shows

limestone, white to cream and light gray, bioclastic to oolitic, some scattered porosity, with some dense oolitic and cryptocrystalline white limestone, lithographic, abundant chalk, no shows, fair bluish white to bright light green fluoresence

limestone as above, with mixed fossiliferous limestone, poor samples, flood red shales, samples wash red

displace mud
system @ 3200'

Neva 3196 -338

0 ROP (min/ft) 5
0 Gamma (API) 150
6 Cal (in) 16

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

limestone, white to cream, microcrystalline to cryptocrystalline, fossiliferous to lithographic, abundant shale, some white boney cherts, no shows, spotty light fluoresence

limestone, gray, mottled, fossiliferous, soft, chalky, some with sub sucrosic texture, poor visible porosity, no shows or fluoresence

flood red shales

limestone, cream to tan, cryptocrystalline, fossiliferous, dense, with abundant chalk in samples, no shows, some light fluoresence

as above, some smooth compact lithographic

Foraker 3306 -448

limestone, gray, mottled, microcrystalline, very fossiliferous, some large clasts, dense to weathered chalky, poor visible porosity, some scattered fossiliferous gray cherts, no shows or fluoresence

as above

limestone, gray to dark gray, microcrystalline, slightly fossiliferous, dense, some arenaceous, with chert, variable gray, fossiliferous, no shows

0 ROP (min/ft) 5
0 Gamma (API) 150
6 Cal (in) 16

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

3380
3400
3420
3440
3460
3480
3500
3520
3540
3560
3580
3600
3620
3640
3660
3680
3700
3720
3740
3760
3780
3800
3820
3840
3860
3880
3900
3920
3940
3960

limestones, mixed gray fossiliferous, trace oolitic, abundant chalk, some grainy

as above

limestone, cream, oolitic to oomoldic, some fair oomold porosity, no shows, some faint mineral fluoresence

limestone, mixed white to cream and light gray, fossiliferous to bioclastic, chalky, grainy, abundant chalk in samples, poor visible porosity, no shows

limestones, mixed fossiliferous, abundant chalk, no shows

limestone, gray, microcrystalline, fossiliferous, some mottling, still abundant chalk, dense to soft and weathered, no shows

red and gray soft sticky shales

Stotler 3544 -686

limestone, tan to gray to pale green, microcrystalline, dense, lithographic to fossiliferous and pelletal, no shows, poor fluoresence

limestone as above, trace cream oolitic/oomoldic

limestone, light gray to gray green, microcrystalline, fossiliferous, chalky in part, some dark gray pelletal, some chalk in samples, no shows

Tarkio 3618 -760

limestone, cream to light gray, microcrystalline, fossiliferous, chalky, some grainy, some light gray weathered/chalky pelletal, abundant chalk in samples, no shows or fluoresence

limestone, cream, cryptocrystalline, fossiliferous, some secondary calcite, abundant chalk, no shows, fair even light fluoresence

limestone, dark gray to gray/green, microcrystalline, dense fossiliferous with limestone, brown, grainy, bioclastic, dense, no shows or fluoresence

limestone, mixed gray fossiliferous, mostly dense, some chalk, no shows or fluoresence

Bern

limestone, light gray to light gray/green, microcrystalline, mostly lithographic, some gray fossiliferous, no shows

as above

as above, some scattered chert

limesotne, gray, fossiliferous, grainy to weathered to chalk, some large clasts, trace weathered fossiliferous cherts, moderate chalk in samples, no shows

Topeka 3810 -952

limestone, cream to light gray, micro-cryptocrystalline, fossiliferous, chalky, poor visible overall porosity, no shows or fluoresence, abundant chalk

as above

limestone, cream to light gray, fossiliferous to bioclastic, chalky, some pinpoint porosity, flood chalk in samples, no shows, pale blue fluoresence

as above

limestone and chalk as above, some white and gray fossiliferous chert

as above

Lecompton

Mud-Co Mud Ck
@ 3715'
1300 hrs 10/15/11
vis 54 wt 9.0
pv 15 yp17
wl 8.8 cake 1/32
pH 9.0
chl 2800
cal 20
sol 4.8
lcm 1#
dmc $1100.50
cmc $11103.35

0 ROP (min/ft) 5
0 Gamma (API) 150
6 Cal (in) 16
SC scale change
0 ROP (min/ft) 10
0 Gamma (API) 150
6 Cal (in) 16
0 ROP (min/ft) 10
0 Gamma (API) 150
6 Cal (in) 16
0 ROP (min/ft) 10
0 Gamma (API) 150
6 Cal (in) 16
3980
4000
4020
4040
4060
4080
4100
4120
4140
4160
4180
4200
4220
4240
4260
4280
4300
4320
4340
4360
4380
4400
4420
4440
4460
4480
4500
4520
4540
4560
limestone, cream to gray, mostly cryptocrystalline, fossiliferous, dense, no shows
as above, some scattered cherts and chalky to arenaceous limestone
0 Total Gas (units) 100
C1 (units) 100
C2 (units) 100
C3 (units) 100
C4 (units) 100
as above, influx chalk in samples
limestones as above, with some brown chalky fossiliferous limestones, flood chalk in samples
start 4100' sample, flood shale, red-maroon, green and red/green mottled, mixed limestones, abundant chalk, some red and tan cherts
limestone, light gray to cream, microcrystalline, chalky fossiliferous, moderate chalk in samples, no shows
Heebner 4134 -1276
black carbonaceous shale
chert, white to light gray, sharp, fresh, fossiliferous, with: dolomite, (appx 50-50) cream to light gray, microcrystalline, sub-sucrosic, dense, no shows, pale green fluoresence
Douglas 4166 -1308
shale, gray to green and brown, argillaceous, grain, some fossiliferous
limestone, cream to gray and tan, micro-cryptocrystalline, fossiliferous, some grainy with large clasts dense, cherty, no shows
soft gray shales
Lansing 4232 -1374
limestone, white to cream, microcrystalline, some sub-sucrosic, fossiliferous, mostly chalky, poor visible porosity, abundant chalk, no shows or fluoresence
grading to limestone, gray to tan, cryptocrystalline, cherty dense to grainy fossiliferous, some weathered chalky, abundant gray to tan fossiliferous chert
shale, gray-black mottled, fossiliferous, abundant organic remains, brittle, calcareous
limestone, gray to white, very chalky fossiliferous, poor visible porosity, abundant chalk in samples, no shows or fluoresence
fresh air re-zero
limestone as above with some gray mottled pelletal
limestone, mixed gray to cream non-descript fossiliferous, moderated chalk, dark gray to smokey chert, sharp, fresh, no shows
Mud-Co Mud Ck
@ 4335'
1735 hrs 10/16/11
vis 55 wt 9.2
pv 17 yp17
wl 8.4 cake 1/32
pH 11.0
chl 2800
cal 20
sol 7.0
lcm 3#
dmc $3270.20
cmc $14373.55
as above, limestones darker, some pelletal
4380 sample, flood chalk, with limestone, light gray, microcrystalline, fossiliferous in part, no show or fluoresence
gray limey fossiliferous shale, gray dense pelletal to oolitic limestone
chalk and limestone (appx 60/40) cream oomoldic to oolitic, some fair oomold porosity, no shows
limestone, tan to gray, cryptocrystalline, fossiliferous, dense, some pyritic
as above with gray limey dense shales
limestone, white to gray, cryptocrystalline, fossiliferous, chalky in part, no shows, trace chert
limestone, mixed non-descript fossiliferous, dense, some chalk
as above with dark green, green and black shales
limestone, white to light gray/green and light gray, fossiliferous to very fossiliferous, fairly chalky, abundant chalk, no shows or fluoresence
as above
limestone, gray and tan, cryptocrystalline, mostly lithographic, dense, compact

0 ROP (min/ft) 10
0 Gamma (API) 150
6 Cal (in) 16

cfs @ 4610 ft
1000 hrs 10/17/11

4580 4600 4620 4640 4660 4680 4700 4720 4740 4760 4780 4800 4820 4840 4860 4880 4900 4920 4940 4960 4980 5000 5020 5040 5060 5080 5100 5120 5140 5160

D S T # 1

cfs & ctch @ 5040 ft 10/19/11

cfs @ 5077 ft 0930 hrs10/19/11

cfs @ 5087 ft 0315 hrs 10/20/11

cfs @ 4841 ft 0250 hrs 10/18/11

shale gas

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

leaking connection on extractor flow line

shlale kick

66 unit total

50 unit total re-cycle

conn killed shale gas kick

4871' down 8 hrs, pump repairs, short trip

Mud-Co Mud Ck
@ 4709'
1715 hrs 10/17/11
vis 48 wt 9.2
pv 16 yp16
wl 8.4 cake 1/32
pH 11.0
chl 2100
cal 20
sol 6.3
lcm 3#
dmc $1618.55
cmc $15992.10

Mud-Co Mud Ck
@ 4887'
1610 hrs 10/18/11
vis 54 wt 9.1
pv 17 yp18
wl 8.4 cake 1/32
pH 11.0
chl 2100
cal 20
sol 4.8
lcm 2#
dmc $1662.70
cmc $17654.80

Mud-Co Mud Ck
@ 5077'
1715 hrs 10/19/11
vis 48 wt 9.3
pv 16 yp16
wl 8.8 cake 1/32
pH 11.0
chl 2200
cal 20
sol 7.0
lcm 2#
dmc $451.75
cmc $18105.55

pipe strap 0.02 ft long - deviation survey 1 deg

Stark Shale 4585 -1727

black carbonaceous shale

limestone, cream to gray, cryptocrystalline, lithographic, with some limestone, light gray to white, grainy, chalky, bioclastic, no visible porosity, no show gas, no mineral or cut fluoresence, moderate chalk in samples

as above - decrease in chalky facies - with flood of gray and red shales - sluff (?)

Hushpuckney

limestone, tan to brown, oolitic to oomoldic, some fair oomold porosity, no shows, light even green fluoresence, appx 25% chalk in samples

grades to limestone, gray, mottled, very fossiliferous, large clasts, with mix of gray to light gray chalky pelletal, some scattered oolitic, dense to some weathered to near chalk, no shows, light fluoresence, abundant chalk in samples

limestone, dark gray, microcrystalline, dense, cherty, shaley and arenaceous to shale, dense, dark gray, calcareous with: limestone, gray, microcrystalline, fossiliferous, some secondary calcite, dense, no shows

Marmaton 4729 -1871

limestone, cream to gray, cryptocrystalline, dense lithographic, trace fossiliferous, no shows

limestone, tan to light brown, microcrystalline, pelletal to fossiliferous to trace oolitic, grainy, some secondary calcite, dense, with abundant chalk

limestone as above, with some brown chalky pelletal and limestone, cream to white, fossiliferous, chalky, poor visible porosity, some gray and green argillaceous and fossiliferous shales

as above, influx limestone, blue/gray, cryptocrystalline, lithographic, no shows

as above, some blue/gray fossiliferous, increase in brown dense fossiliferous facies

gassy black carbonaceous shale

Pawnee 4818 -1960

limestone, white to light gray, spongy chalky bioclastic, to white to gray cryptocrystalline fossiliferous, poor overall visible porosity, good bright green fluoresence, no cut, no gas show, very appx 20% chalk in samples, some scattered gray fossiliferous chert

limestone, brown, cryptocrystalline, dense, fossiliferous, with: limestone, gray, chalky fossiliferous, with dark gray/grown fossiliferous cherts, no shows

black carbonaceous shale

limestone, gray, microcrystalline, fossiliferous, grainy, chalky, some tan cherty cryptocrystalline, no shows

Cherokee 4865 -2007

black carbonaceous shale

limestones, gray, fossiliferous, chalky: brown, oolitic/pelletal to bioclastic, dense, abundant brown fossilifeous chert, sharp, fresh: shale, dark gray, dense, limey

as above, picking up dark gray arenaceous dense cherty limestones

limestones, gray, fossiliferous to very fossiliferous, dense to chalky: brown to gray, oolitic/pelletal to bioclastic, dense, abundant brown fossilifeous chert a.a., abundant mixed black and gray shales, no shows, scattered very faint fluoresence

mixed gray to brown and tan fossiliferous to pelletal limestone, chalky to cherty, mixed black, brown and gray shales, some argillaceous, trace brown chert, no shows or fluoresence

limestone, light gray, cryptocrystalline, fossiliferous, dense, fairly homogeneous, dense, no shows or fluoresence

limestones, mixed brown to gray, fossiliferous, cherty to chalky, some argillaceous, abundant mixed cherts, black and gray shales, no shows or fluoresence

limestone, dark gray, microcrystalline, lithographic to fossiliferous, dense, with: shale, dark gray to black, very dense, calcareous, abundant dark gray/black fossiliferous cherts

DST #1 - 5024'-5077', 5-90-45-5, rec. 30 ft mud, IF 67-68#, FF 72-65 #, ISIP 164#, FSIP 63#, HSH 2444-2382#, BHT 121 deg. F

limestone, brown to tan, cryptocrystalline, fossiliferous to pelletal, some gray chalky limestone, abundant brown fossiliferous to pelletal cherts, sharp, fresh, no shows or fluoresence

few clusters pale green siltstone in cfs samples

5060 & 5070 samples, limestone, brown, microcrystalline, fossiliferous, grainy, cherty, some small interclast vugs, no odor, show heavy tarry free oil in tray, show gassy, free oil on break, light green fluoresence, good milky streaming cut

Garetson Brothers #1-36 NE DST #1.pdf

5077 cfs grades to limestone, dark gray, microcrystalline, some secondary calcite, fossiliferous, pyritic, dense, with light gray to tan chalky fossiliferous limestones, some free oil in tray, no visible shows, faint spotty fluoresence

Morrow 5070 -2212

5077 30 and 60 min samples, some sandy gray limestone as above, brown limestones, pale green fissile to green mushy shales, some green fine grained quartz sandstone, barren, abundant pyrite nodules, few clusters dark stained asphaltic quartz sand, no show free oil or odor

light green pyritic shale as above, pyritic in part, some olive shale, green dirty fine grain sandstone a.a., barren, lots of soft mushy shale

5100 some pale green cryptocrystalline lithographic limestone, flood lavender/gray shale, some pyritic, black foss/plant remnants

shale, now grading to lighter gray, with some cryptoxln-lithographic green limestone, heavy gray milky wash, no sand, some gray bioclastic (large clasts), friable, no show, pale fluoresence

5120 sample, shale a.a., limestone falls out, trace gray shale loaded sandstone to very fine grained sandstone, well cemented, no show

Miss (Chester LS) 5126 -2268

limestone, gray to blue/gray and cream, oolitic and bioclastic, some large clasts, chalky in part, poor visible porosity, no shows,

flood brown/gray splintery shale, limestone as above, with limestone, pale green, sandy, chalky to dense, some pale green siltstone

limestone, white to green, microcrystalline, very sandy, cherty and dense to friable/chalky, with sandstone, white to green, very fine grain, well sorted and rounded, mostly well cemented, with flood brick red shales, samples wash red - no shows or fluoresence

0 ROP (min/ft) 10
0 Gamma (API) 150
6 Cal (in) 16

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

DST #2

5180 5200 5220 5240 5260 5280 5300 5320 5340 5360 5380 5400 5420 5440 5460 5480 5500 5520 5540 5560

Miss St. Gen

as above, influx gray and red/green mottled shales (50%+), few clusters sandstone with dark brown/black dead stain, no show free oil, no odor, no fluoresence

limestone, a.a., increasing variable brown to black, saturated to spotty staining, no odor, no free oil, no fluoresence, shales dropping out, abundant chalk

a.a., trace chalky oolitic, some scattered sandstone as described above

5250 sample, a.a., slight increase in sandstone, decreasing show

limestone, light gray, cryptocrystalline, compact dense lithographic with orange chert, sharp, fresh

Mud-Co Mud Ck
@ 5218'
1450 hrs 10/20/11
vis 55 wt 9.0
pv 22 yp 21
wl 8.4 cake 1/32
pH 10.5
chl 2050
cal 20
sol 4.9
lcm 3#
dmc $1104.10
cmc $19210.65

St. Louis

limestone, white to light gray, oolitic, slighty to very sandy, fairly mature, chalky, scattered glauconitic, with sandy limestones, gray to green, chalky to dense, abundant chalk

DST #2 - 5280'-5310', 4-126-45-5, rec 45' mud, IF 67-70#, FF 70-76#, ISIP 1510#, FSIP 83#, HSH 2583-2579#, BHT 124 deg. F

limestone, white to light gray, oolitic, scattered fair solution vugs (between oolites, chalky in part, fair scattered brown spotty staining, fair show oil on break, some bleeding gassy oil, faint odor and fair even white/green fluoresence, moderate chalk in tray

Garetson Brothers #1-36 NE DST #2.pdf

limestone, gray to cream, oolitic, chalky to dense, mature to flattened, abundant chalk

chalk, 60% of sample, rest is oolitic limestone as above and weathered very chalky oolitic, no show

mixed oolitic to sandy oolitic, very chalky to dense, glauconitic, heavy white wash, no shows or fluoresence

limestone, tan to gray, oolitic, fairly mature, very chalky, glauconitic in part, poor visible porosity, no shows or fluoresence, abundant chalk in samples, heavy milky wash

mixed oolitic to scattered argillaceous oolitic, very chalky, heavy white wash, no shows or fluoresence, scattered waxy green shales

limestone, light gray to cream and tan, oolitic, mostly chalky, with some limestone, light gray, cryptocrystalline compact lithographic, abundant chalk and gray smokey fossiliferous chert, no shows

limestone as above, chert drops out, stringers gray green dolomitic limestone, microcrystalline, dense, arenaceous, no show, some light fluoresence

limestone, tan-gray, oolitic, grainy flattened, dense, fairly homogeneous, grading to limestone, tan, cryptocrystalline, dense compact lithographic, some arenaceous tan dolomitic limestone and loose shattered calcite crystals

Salem

dolomite, tan, microcrystalline, with chert nodules, some chalk, trace chert, some chalk and calcite crystal, no shows, faint scattered fluoresence

limestone, dolomitic, dark brown, cryptocrystalline, lithographic, with dark brown chert, grading to chalk with brown to tan limestone, mature very chalky oolitic (appx 70-30)

dolomitic limestone and dolomite, dark brown to dark gray, dense, oolitic, with dark brown oolitic cherts

limestone, cream, cryptocrystalline, chalky, slightly fossiliferous, with dolomitic limestone, gray dense fossiliferous, dolomite, green to gray green, dense, arenaceous and flood smokey gray fossilifereous chert

TD @ 5550' @ 0712 hrs 10/22/11
Log Tech TD 5552'
Complete Logging Operations @ 1800 hrs 10/22/11

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802

Kansas
Corporation Commission

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

January 25, 2012

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

Re: ACO1
API 15-081-21966-00-00
GARETSON BROTHERS 1-36(NE)
NE/4 Sec.36-27S-31W
Haskell 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