

### Kansas Corporation Commission Oil & Gas Conservation Division

### 1055900

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	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: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Original Total Depth: Conv. to ENHR	Chloride content: ppm Fluid volume: bbls  Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	QuarterSec TwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	
Spud Date or Date Reached TD Completion Date or Recompletion Date  Recompletion Date	

### **AFFIDAVIT**

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

**Submitted Electronically** 

KCC Office Use ONLY							
Letter of Confidentiality Received							
Date:							
Confidential Release Date:							
Wireline Log Received							
Geologist Report Received							
UIC Distribution							
ALT I II Approved by: Date:							

Side Two



Operator Name:			Lease Nam	e:			Well #:	
Sec Twp	S. R	East West	County:					
time tool open and clo	sed, flowing and shut- es if gas to surface test	base of formations pen in pressures, whether s i, along with final chart( vell site report.	hut-in pressure	reached st	atic level,	hydrostatic pre	essures, bottom h	ole temperature, fluid
Drill Stem Tests Taken (Attach Additional S		Yes No		Log	Formation	n (Top), Depth	and Datum	Sample
Samples Sent to Geole	•	Yes No	1	Name			Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy,	I Electronically	Yes No Yes No						
List All E. Logs Run:								
		CASING Report all strings set-	RECORD		Used te, production	on, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	S	etting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
	Dillied	Set (III O.D.)	LD3.71 t.		рерит	Cement	Osed	Additives
Purpose:	Donth		CEMENTING /		RECORD			
Perforate	Depth Top Bottom	Type of Cement	# Sacks Used Type and Percent Additives					
Protect Casing Plug Back TD								
Plug Off Zone								
	DEDEOD ATION	N DECORD Dridge Dive	a Cat/Time		Asid From	sturo Shot Com	ant Causage Book	4
Shots Per Foot	Specify Fo	N RECORD - Bridge Plug ootage of Each Interval Per	forated			nount and Kind of	ent Squeeze Record Material Used)	Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner	_	Yes I	No	
Date of First, Resumed	Production, SWD or ENH	R. Producing Meth	nod:	Gas Lift	t 🗌 0	ther (Explain)		
Estimated Production Per 24 Hours	Oil Bi	ols. Gas	Mcf	Water	Bb	ols.	Gas-Oil Ratio	Gravity
DISPOSITIO	ON OF GAS:		METHOD OF COM	MPLETION:			PRODUCTIO	ON INTERVAL:
Vented Sold	Used on Lease	Open Hole		oually Comp. bmit ACO-5)		nmingled nit ACO-4)		
(If vented, Sub	mit ACO-18.)	Other (Specify)			•	· [ -		

Form	ACO1 - Well Completion
Operator	Falcon Exploration, Inc.
Well Name	KENNETH DIRKS 1-8(SE)
Doc ID	1055900

### All Electric Logs Run

DIL	
MEL	
BHCS	
CDL/CNL	

Form	ACO1 - Well Completion
Operator	Falcon Exploration, Inc.
Well Name	KENNETH DIRKS 1-8(SE)
Doc ID	1055900

### Tops

Name	Тор	Datum
STOTLER	3530	-711
TARKIO	3601	-782
HEEBNER	4146	-1327
LANSING	4250	-1431
STARK	4600	-1781
PAWNEE	4840	-2021
MORROW	5092	-2273
MISS ST GEN	5216	-2397
ST LOUIS	5315	-2496

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/

Thomas E. Wright, Chairman Ward Loyd, Commissioner Corporation Commission

Sam Brownback, Governor

May 16, 2011

MICHEAL S MITCHELL Falcon Exploration, Inc. 125 N MARKET STE 1252 WICHITA, KS 67202-1719

Re: ACO1

API 15-069-20337-00-00 KENNETH DIRKS 1-8(SE) SE/4 Sec.08-28S-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, MICHEAL S MITCHELL

## ALLIED CEMENTING CO., LLC. 040613 Federal Tax I.D.# 20-5975804

RUSSELL, KANSAS 67665	SERVICE POINT:				
		Mezicir	ne Lobse		
DATE 1-21-24 SEC. 8 TWP. RANGE 300	CALLED OUT ON LOCATION  3.00 Pm C.00 Pm	JOB START	JOB FINISH		
LEASE DIENS WELL# 1-8 LOCATION CODE	ISAZKE YAE FORZ 3	COUNTY	STATE		
OLD OR NEW (Circle one) 5 1/2 My w	1. Her	Gray	KS_		
CONTRACTOR USI #1		_			
TYPE OF JOB SUCFEEC	OWNER FSICON F	Piers tio	<u> </u>		
HOLE SIZE 12 1/2 T.D. 1845	- CEMENT				
CASING SIZE & 1/8 DEPTH 1854'	AMOUNT ORDERED 675	c. 651351	10,0		
TUBING SIZE DEPTH	39000 + 14 # Flosee1	1505.0	<u>Grocer</u> Cieren		
DRILL PIPE DEPTH TOOL DEPTH	3% Co + 20/0 Col		-1222		
DD CO A CARE					
MEAS. LINE SHOE JOINT 42'	_ COMMON_# /50 5x	e <u>15 45</u>	23/7		
CEMENT LEFT IN CSG.	_ POZMIX GEL .3	@ <del></del>	12 40		
PERFS.	CHLORIDE 27 5×	@ <u>20</u> @58 <u></u>	62		
DISPLACEMENT // 5 bb/s of Crash were	ASC	@ <i></i>	1571 7		
EQUIPMENT	ALW 650 SK	- @ <u>14 80</u>	9620 19		
• • • • • • • • • • • • • • • • • • • •	Floseal 168 #	@2. <u>5°</u>	420		
PUMPTRUCK CEMENTER Dans		@			
#360-265 HELPER JOSON 7		@			
BULK TRUCK		_ @			
#363-290 DRIVER M9++ T.					
BULK TRUCK					
#366 - DRIVER BUDDY U.	HANDLING_897	· @ <del></del>			
1	MILEAGE 897/-10/50		2152		
REMARKS:			3062919		
Pipe on bodion & brock Circuistion		IUIAL	ייואסטו		
PUMP 36his freshware Shares min	SERVIC	787			
6/550 CF-1092 Coment, Mux 18050 OF		- Li			
1911 Comeny, Shuz 2000, Relesse Plus	DEPTH OF JOB 1854'				
Start displacement, Lift pressures	PUMP TRUCK CHARGE	2011 =			
pomp ping st 112 pyr 1000 -1200 bs.		@			
flock did hold, Coment did CITCUISHE	MILEAGE	@ <b>7 =</b>	350 ==		
	MANIFOLD	. @	113 60		
	Hoserentsi	@	<u>//3 ==</u>		
CHARGE TO: FSICON Explorence	-	. @			
		egrapia sum a .	21174 2		
STREET	. 1	TOTAL	<u> </u>		
CITYSTATEZIP					
	PLUG & FLOAT	EQUIPMENT	•		
	1-Pubber Plus	@	//3 00		
	1-AFU Insert	@	277 ==		
To Allied Cementing Co., LLC.	3- Baskets	@248 =	744 ==		
You are hereby requested to rent cementing equipment	4-CentiG1/2013	@ 62 = Z	248 =		
and furnish cementer and helper(s) to assist owner or	1- Guide shoe	@	'82 = <u>=</u>		
contractor to do work as is listed. The above work was			مد		
done to satisfaction and supervision of owner agent or		TOTAL [	764		
contractor. I have read and understand the "GENERAL	CAL DO MA	•			
TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (If Any)		_		
Sa PA	TOTAL CHARGES	00/			
PRINTED NAME X	DISCOUNT	IF PAID 1	IN 30 DAYS		
SIGNATURE X	DOP GET		on onto		
11 12 111					
Thank You !!!	8.5		•		
	2.5 do.				

# ALLIED CEMENTING CO., LLC. 035552 Federal Tax I.D.# 20-5975804

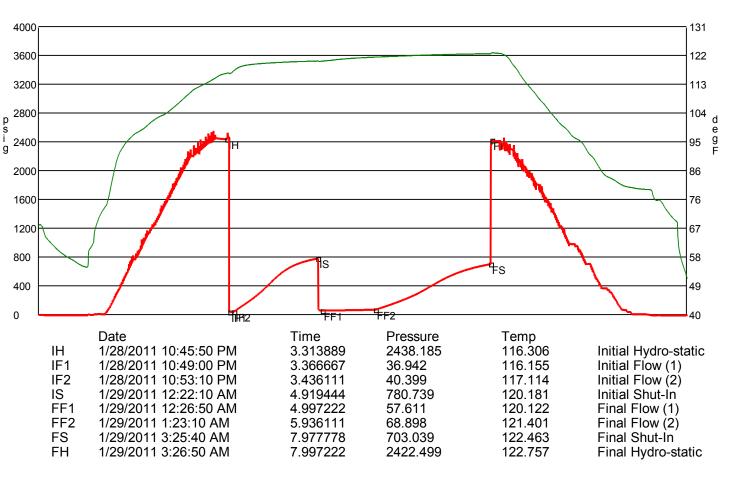
REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	SER	VICE POINT	
DATE 1 100   SEC. 8 TWP. RANGE 30	CALLED OUT ON LOCATION	JOB START	JOB FINISH
LEASE WELL# 1-8 LOCATION LOGAL	end 5/2 or win 752	COUNTY	STATE.
OLD OB NEW (Circle one)		CIFAL	125_
CONTRACTOR A A TYPE OF JOB	OWNER Since		
HOLE SIZE W/Y T.D.	CEMENT		
TUBING SIZE BUP DEPTH 1845	AMOUNT ORDERED <u>300</u>	Com	
DRILL PIPE DEPTH DEPTH	·	On 5	ilo .
TOOL DEPTH		***	3, 472
PRES. MAX MINIMUM MEAS. LINE SHOP JOINT	COMMON	@/545	154000
MEAS. LINE SHOE JOINT CEMENT LEFT IN CSG.	POZMIX	_@	- <del> </del>
PERFS.	GEL CHI ON DE	_@_ <del></del>	1
DISPLACEMENT	CHLORIDE	_@ <i>_32</i>	- 29/ =
EQUIPMENT			<u> </u>
		@	
PUMPTRUCK CEMENTER Files		.@	
# 422 HELPER Wand		_@	
		. w	
BULK TRUCK  # DRIVER	be	@	**************************************
# DRIVER	HANDLING 310 JAJ	@ <del>- 46/-</del>	
	MILEAGE DA SK / 1	@ <u>/</u>	294
REMARKS:	7-54	TOTAL	1 <u>7 X</u> B130 is FE
1 10 85 FT MX 100 SKS		TOTAL	430=
con W/ 370 CC iNHy D.	SERVIC	E	
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The state of the s	DEPTH OF JOBPUMP TRUCK CHARGE		- 11 - 12
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Thent	MILEAGE50	® <del>5 ==</del>	352
Ela Wa at A	MANIFOLD	@	1 2 2 3
pan, von y ma, man		@	
CHARGE TO: FULCON		@	
STREET	· · · · · · · · · · · · · · · · · · ·	TOTAL	81000
		TOTAL	010
CITYSTATEZIP	PLUG & FLOAT I	EQUIPMENT	ŗ
		@	
To Allied Cementing Co., LLC.		<u>av</u>	
You are hereby requested to rent cementing equipment			
and furnish cementer and helper(s) to assist owner or		<u> </u>	
contractor to do work as is listed. The above work was			
done to satisfaction and supervision of owner agent or		TOTAL	
contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.	SALES TAV (16 A)		terrior
	SALES TAX (If Any)		-
PRINTED NAME (No. Hay Parcy)	TOTAL CHARGES		
WILLIAM DU CON 1/28 / C/CA/			
	DISCOUNT	IF PAID	IN 30 DAYS



Customer Fall Con F					Cement Report
	rolliation	Lease No.		Date	2-3'-11
Lease Konneth Divk	4	Well #	6	Service Recei	pl
Casing 51/2 Depth	<i>9</i> 5,75 777	County (	Scau	State	
Job Type 61/2 (, 5.	Formation	· · · · · · · · · · · · · · · · · · ·	Legal	Description & - 2	8-30
Pip	e Data			orating Data	Cement Data
Casing size	Tubing Size	an et al. La	· · · · · · · · · · · · · · · · · · ·	Shots/Ft	
Depth 55201	Depth		From	То	-5% W- 60, 10% = H
Volume 13	Volume		From	То	Lead 1705x AA Z 5% W-60, 10%5 H 5=6. Isourte, 6% C-15 14 Delcamor @ 111.8
Max Press	Max Press		From	То	Tail in 1.540 416x, 60
Well Connection	Annulus Vol.		From	То	5054 H BJA+ 1.15 WHISK 5.78 50
Plug Depth	Packer Depth	·	From	To	- 118 my Hok 5.2250
Casing Tubin Time Pressure Press	g re Bbls. Pumbed	Rate		Service	For P4D
05.00			milec	Spot truck	3, BALP, SOTTON
14.30			Bunk	1100	
5.30			HAN 1	70 727	
6:12 2400			De to	The second secon	
16/14 2000		3.5	1200 S	1/1/2	Ser 198 Commence
16; 15 70° #	13	37	Parish		<u>C. Mark</u> 21/2
16. # ZOOH		56	Panas I	1-17	
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7:53 1500-0			The state of the s		Eleathold
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Taylor Printing, Inc.

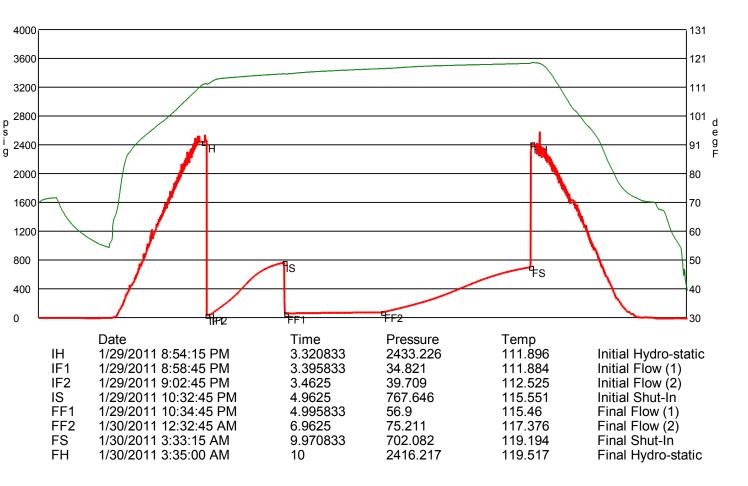
RICKETTS TESTING			(620) 326-5830			Page 1		
Company Address CSZ Attn.	Falcon Exploration, Inc. 125 North Market, Suite 1252 Wichita, KS 67202 Keith Reavis Field: Wildcat		Lease Name Lease # Legal Desc Section Township County Drilling Cont	Kenneth Dirks 1-8 SW NE NE SE 8 28S Gray Val Drilling #1		Job Ticket Range State	3413 30W KS	
GENERAL INFORMATION  Test # 1 Test Date 1/28/2011 Tester Jimmy Ricketts			Chokes Top Recorder # Mid Recorder #		Hole Size 7 7/8			
Mud Type		sel Chem .4 Viscosity 56.0		Bott Recorder #w1023  Mileage 236 Approved By Standby Time 0  Extra Equipmnt Jars & Safety Joint Time on Site 4:30 PM Tool Picked Up 8:00 PM Tool Layed Dwn6:30 AM				
Drill Collar Len Wght Pipe Len				Elevation	2809.00	Kelley E	Bushings <b>28</b>	19.00
Formation Interval Top Anchor Len Bel Total Depth Blow Type	pp 5085.0 Bottom 5135.0 n Below 50.0 Between 0 h 5135.0							
	Times: 5, 90, 6	0, 122.						
RECOVERY								
Feet Description	on			Gas	Oil	Water	<u>M</u> ı	ud
	s smell in pipe eavy oil cut mud			100%430ft 14% 18.9ft	0% Oft 35% 47.2ft	0% Of 0% Of		6 Oft % 68.9ft



### GAS FLOWS

Min Into IFP Min Into FFP Gas Flows Pressure Choke

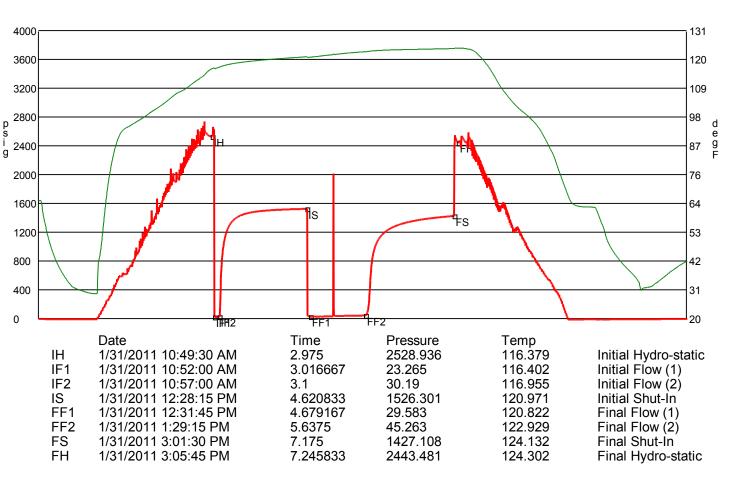
RICKETTS TESTING			(620) 326-5830			Page 1		
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	NFORMATIO			Chokes	3/4	Hole S	ize <b>77/8</b>	
Test # <b>2</b> Tester Test Type	ster Jimmy Ricketts st Type Conventional Bottom Hole		Top Recorder # Mid Recorder # Bott Recorder #					
# of Packers	2.0	Successful Test 2.0 Packer Size <b>6 3/4</b>		Mileage Standby Time	Approved By			
Mud Type Mud Weight Filtrate	Gel Chem 9.1 8.0	Viscosity Chlorides	59.0 1300			Joint		
Drill Collar Len Wght Pipe Len				Elevation	2809.00	Kelley	Bushings <b>28</b>	19.00
Formation Interval Top Anchor Len Bel Total Depth Blow Type	5171.0 Weak blow bu		5171.0 0 nches initial flow p 5, 90, 120, 180.	End Date/Time	e1/29/2011 5:35 1/30/2011 6:44 blow throughou	AM		
RECOVERY								
Feet Description	on			Gas	Oil	Water	<u>M</u> ı	ud
	ht gas smell in p eavy oil cut mud			100%590ft 13% 19.5ft	0% Oft 26% 39ft	0% 0 0% 0		6 Oft % 91.5ft



### GAS FLOWS

Min Into IFP Min Into FFP Gas Flows Pressure Choke

RICKETTS TESTING				(620) 326-5830	)		Page 1		
Company Address CSZ Attn.	Falcon Exploration, Inc. 125 North Market, Suite 1252 Wichita, KS 67202 Keith Reavis			Lease Name Lease # Legal Desc Section Township County Drilling Cont	Kenneth Dirks 1-8 SW NE NE SE 8 28S Gray Val Drilling #1		Job Ticket Range State	3413 30W KS	
GENERAL INFORMATION  Test # 3 Test Date 1/31/2011  Tester Jimmy Ricketts  Test Type Conventional Bottom Hole				Chokes 3/4 Hole Size 7 7/8 Top Recorder # 13767 Mid Recorder # Bott Recorder # w1023					
# of Packers  Mud Type  Mud Weight  Filtrate	Successful Te 2.0 Gel Chem 9.1 7.2	Packer Size Viscosity Chlorides	e6 3/4 47.0 900	Mileage Standby Time Extra Equipmon Time on Site Tool Picked Up Tool Layed Dw	t Jars & Safety 5:00 AM 8:20 AM	Approve <b>Joint</b>	ed By		
Drill Collar Len Wght Pipe Len				Elevation	2809.00	Kelley B	ushings <b>28</b>	19.00	
Formation Interval Top Anchor Len Bel Total Depth Blow Type	5376.0 Weak blow bu		5376.0 0 2 inch initial flow pe period causing a 1	End Date/Time		PM pol			
RECOVERY									
Feet Description	on			Gas	Oil	Water	<u>M</u> u	ud	
65 Trace oil DST Fluids	cut mud			0% Oft	trace	0% Off	: 10	0%65ft	



### 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: Kenneth Dirks #1-8

Location: Sec 8, T28s, R30W API: 15-069-20337-0000

Pool: Field: Wildcat State: Kansas Country: USA

Scale 1:240 Imperial

Well Name: Kenneth Dirks #1-8 Surface Location: Sec 8, T28s, R30W

Bottom Location:

API: 15-069-20337-0000

License Number: 5822

Spud Date: 1/20/2011 Time: 15:34

Time:

17:50

Region: Gray County
Drilling Completed: 2/2/2011

Surface Coordinates: 2090' FSL & 440' FEL

**Bottom Hole Coordinates:** 

Ground Elevation: 2809.00ft K.B. Elevation: 2819.00ft

Logged Interval: 3300.00ft To: 5500.00ft

Total Depth: 5525.00ft
Formation: Mississippian

Drilling Fluid Type: Chemical/Fresh Water Gel

SURFACE CO-ORDINATES

Well Type: Vertical

Longitude: Latitude:

N/S Co-ord: 2090' FSL E/W Co-ord: 440' FEL

**LOGGED BY** 

Keith Reavis

Consulting Geologist

Company: KLG #136

Address: 3420 22nd Street

Great Bend, KS 67530

Phone Nbr: 620-617-4091

Logged By: Geologist Name: Keith Reavis

**CONTRACTOR** 

Contractor: Val Energy, Inc.

Rig #: 1

Rig Type: mud rotary

 Spud Date:
 1/20/2011
 Time:
 15:34

 TD Date:
 2/2/2011
 Time:
 17:50

Rig Release: Time:

**ELEVATIONS** 

K.B. Elevation: 2819.00ft Ground Elevation: 2809.00ft

K.B. to Ground: 10.00ft

**NOTES** 

Based on engineering analyses of DST #1 and DST #2 it was determined and agreed upon by all parties that 5 1/2" production casing be set and cemented and that the K. Dirks #1-8 be further tested through perforations in the Morrow Sand.

The samples were saved from this well and will be available for further review at the Kansas Geological Survey Well

Respectfully submitted, Keith Reavis

# Falcon Exploration, Inc. Daily Drilling Report

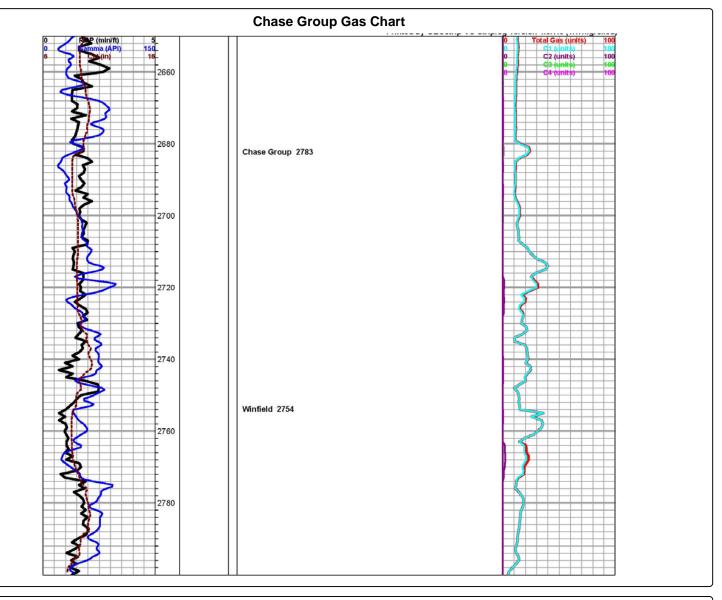
DATE	7:00 AM DEPTH	REMARKS
1/24/2011		Geologist Keith Reavis on location @ 2000 hrs, 3400 ft., drilling ahead set up and check Bloodhound and communications
1/25/2011	3707	drilling ahead, Stotler, Tarkio, Topeka, Lecompton, Heebner
1/26/2011	4312	drilling ahead, Douglas, Lansing, lower LKC
1/27/2011	4748	drilling ahead, lower LKC, Marmaton, Pawnee, Cherokee
1/28/2011	5050	drilling Cherokee, stop and short trip in lower Cherokee at 5050' resume drilling, cut Morrow sand, show and gas kick warrants DST, TOH for DST #1, conducting DST #1
1/29/2011	5135	complete DST #1, successful test, resume drilling Morrow, drill out of Morrow into Miss, cfs 5171, TOH for DST #2, conducting DST #2
1/30/2011	5171	complete DST #2, successful test, TIH w/bit, resume drilling
1/31/2011	5376	drilling ahead, Mississippian, St. Louis, show and gas activity warrant test, TOH for DST #3, conducting DST #3, complete DST, successful test, TIH w/bit, rig freezing up
2/1/2011	5414	drilling ahead, RTD @ 5525 ft, 1750 hrs, set to circ rig on bottom until weather warms for logs
2/2/2011	5525	circulating on bottom, waiting on weather for logs, TOH for logs conduct and complete logging operations, geo off loc @ 1830 hrs

### **Well Comparison Sheet**

DRILLING WELL K. Dirks #1-8 2090' FSL & 440' FEL Sec. 8 T28S R30W 2819 KB COMPARISON WELL Lanterman #1-8 2030' FNL & 370' FEL Sec. 8 T28S R30W 2821 KB

Formation	sample	sub-sea	log	sub-sea	log	sub-sea	sample	log
Stotler	3531	-712	3530	-711	3532	-711	-1	0
Tarkio	3604	-785	3602	-783	3603	-782	-3	-1
Topeka	3804	-985	3800	-981	3804	-983	-2	2
Lecompton	3965	-1146	3965	-1146	3967	-1146	0	0
Heebner	4146	-1327	4146	-1327	4146	-1325	-2	-2
Lansing	4251	-1432	4251	-1432	4249	-1428	-4	-4
Stark	4612	-1793	4610	-1791	4606	-1785	-8	-6
Marmaton	4750	-1931	4741	-1922	4743	-1922	-9	0
Pawnee	4841	-2022	4841	-2022	4837	-2016	-6	-6
Cherokee	4886	-2067	4885	-2066	4881	-2060	-7	-6
Morrow	5093	-2274	5093	-2274	5089	-2268	-6	-6
Miss Chester	5144	-2325	5144	-2325	5151	-2330	5	5
Mice St. Con	F224	2402	E246	2207	E244	2422	24	26

wiss St. Gen.	<b>322</b> 1	-2402	<b>5216</b>	-2397	<b>3244</b>	-2423	21	26
St. Louis B por	5342	-2523	5342	-2523	5345	-2524	1	1
Salem	5498	-2679	5497	-2678				
Total Depth	5525	-2706	5528	-2709	5406	-2585	-121	-124



### **Drill Stem Test #1**

### RICKETTS TESTING

(620) 326-5830

Page 1

Company Address Attn.

Falcon Exploration, Inc. 125 North Market, Suite 1252 Wichita, KS 67202 Keith Reavis

Lease Name Lease # Lease # Legal Desc Section Township County Drilling Cont

Kenneth Dirks 1-8 SW NE NE SE 8 28S

Gray Val Drilling #1

Job Ticket 3413 Range 30W KS State

Hole Size 7 7/8

Field: Wildcat Comments

### GENERAL INFORMATION

Test Date 1/28/2011 Test #1 Tester Test Type Jimmy Ricketts Conventional Bottom Hole

Successful Test 2.0 # of Packers Packer Size6 3/4

**Gel Chem** 

Mud Type Mud Weight Filtrate 9.4 11.2 Viscosity Chlorides

Drill Collar Len 0 Wght Pipe Len 0

Chokes 3/4
Top Recorder # 13767
Mid Recorder #
Bott Recorder # w1023 Mileage Approved By Mileage 236 Appr Standby Time 0 Extra Equipmnt Jars & Safety Joint Time on Site 4:30 PM Tool Picked Up 8:00 PM

Tool Layed Dwn6:30 AM Elevation 2809.00 Kelley Bushings 2819.00

Start Date/Time1/28/2011 7:27 PM End Date/Time 1/29/2011 6:54 AM

Formation Morrow
Interval Top 5085.0 Bottom 5135.0
Anchor Len Below 50.0 Between 0
Total Depth Blow Type Weak blow building to 7 inches initial flow period. Strong blow throughout final flow period. 2 inch blow back during final shut-in period.

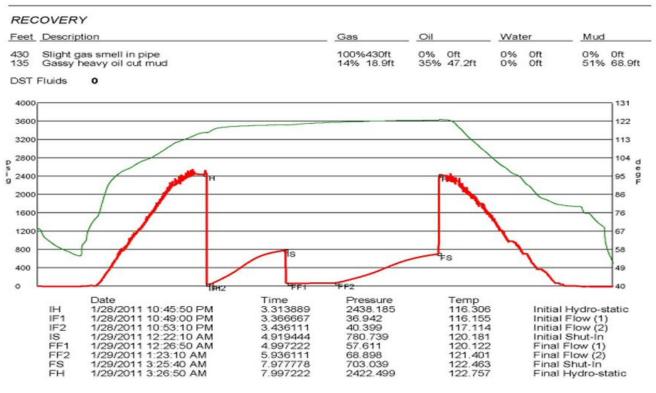
Times: 5, 90, 60, 122.

2800

2400

1600

1200



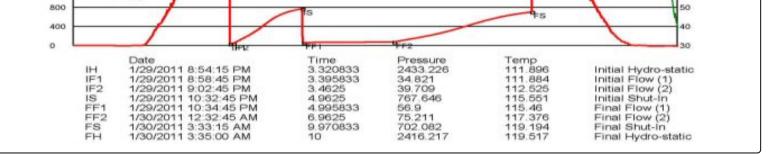
#### **Drill Stem Test #2** RICKETTS TESTING (620) 326-5830 Page 1 Falcon Exploration, Inc. Company Lease Name Kenneth Dirks 125 North Market, Suite 1252 Wichita, KS 67202 Keith Reavis Address Lease # Job Ticket 3413 Range 30W Legal Desc SW NE NE SE CSZ Attn. Section Township 285 Gray Val Drilling #1 County State KS Drilling Cont Field: Wildcat Comments GENERAL INFORMATION Chokes Hole Size 77/8 Top Recorder # 13767 Test #2 Test Date 1/29/2011 Tester Jimmy Ricketts Mid Recorder # Conventional Bottom Hole Successful Test Bott Recorder #w1023 Test Type # of Packers 2.0 Packer Size 6 3/4 Mileage Approved By Mileage O Appr Standby Time 0 Extra Equipmnt Jars & Safety Joint Time on Site 4:30 PM Tool Picked Up 6:40 PM Mud Type Mud Weight **Gel Chem** Viscosity 59.0 8.0 1300 Filtrate Chlorides Tool Layed Dwn6:00 AM Drill Collar Len 0 Wght Pipe Len 0 Elevation Kelley Bushings 2819.00 Formation Interval Top 5083.0 Anchor Len Below 88.0 Anchor Len Below 88.0 5171.0 Start Date/Time1/29/2011 5:35 PM Morrow Bottom 5171.0 End Date/Time 1/30/2011 6:44 AM Between Weak blow building to 5 inches initial flow period. Strong blow throughout final flow period. Times: 5, 90, 120, 180. Blow Type RECOVERY Feet Description Gas Oil Water Mud Very slight gas smell in pipe 100%590ft Oft Oft 61% 91.5ft 150 Gassy heavy oil cut mud 13% 19.5ft 26% 39ft 0% Oft **DST Fluids** 4000 131 3600 121

101

91

70

60





RICKETTS TESTING

(620) 326-5830

Lease Name

Page 1

KS

Company Address CSZ Attn

Falcon Exploration, Inc. 125 North Market, Suite 1252 Wichita, KS 67202

Keith Reavis

Lease # Legal Desc Section Township County

Drilling Cont

Kenneth Dirks SW NE NE SE 8 285 Gray Val Drilling #1

Job Ticket 3413 Range 30W

State

Kelley Bushings 2819.00

Approved By

Comments Field: Wildcat

### GENERAL INFORMATION

Test # 3 Tester Test Type

Test Date 1/31/2011 Jimmy Ricketts

Conventional Bottom Hole Successful Test

# of Packers

Mud Type Mud Weight Gel Chem

9.1 Filtrate 7.2

Drill Collar Len Wght Pipe Len 0

Formation Interval Top 5320.0 Anchor Len Below 56.0

Total Depth

Blow Type

Saint Louis

Bottom Between 5376.0

Packer Size6 3/4

Viscosity Chlorides 900

5376.0

Chokes 3/4 Top Recorder # 13767 Hole Size 77/8

Mid Recorder # Bott Recorder #w1023

Mileage

Elevation

Standby Time 0 Extra Equipmnt Jars & Safety Joint 5:00 AM Time on Site

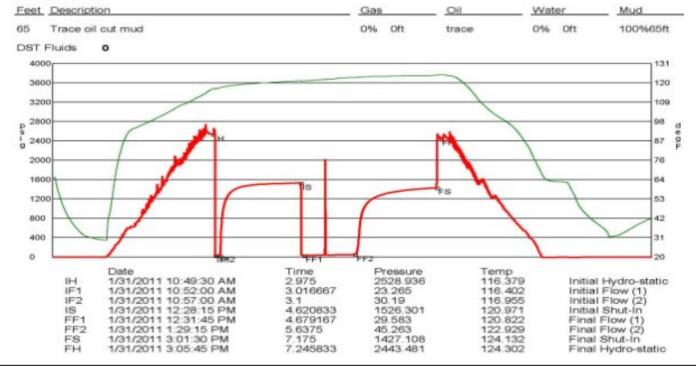
Tool Picked Up 8:20 AM Tool Layed Dwn6:00 PM

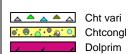
Start Date/Time 1/31/2011 7:51 AM End Date/Time 1/31/2011 7:04 PM

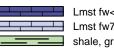
2809.00

Weak blow building to 1/2 inch initial flow period. Surface blow, flushed tool 30 minutes into final flow period causing a 1/2 inch blow. Times: 5, 91, 60, 92.

### RECOVERY





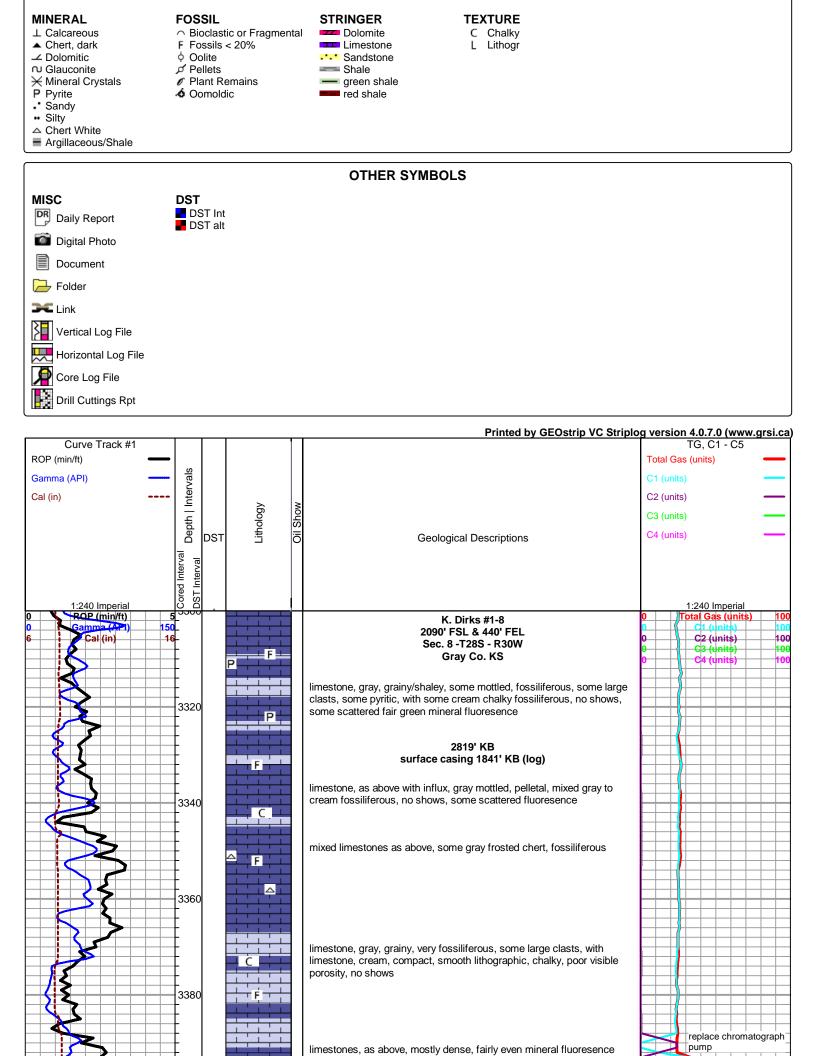


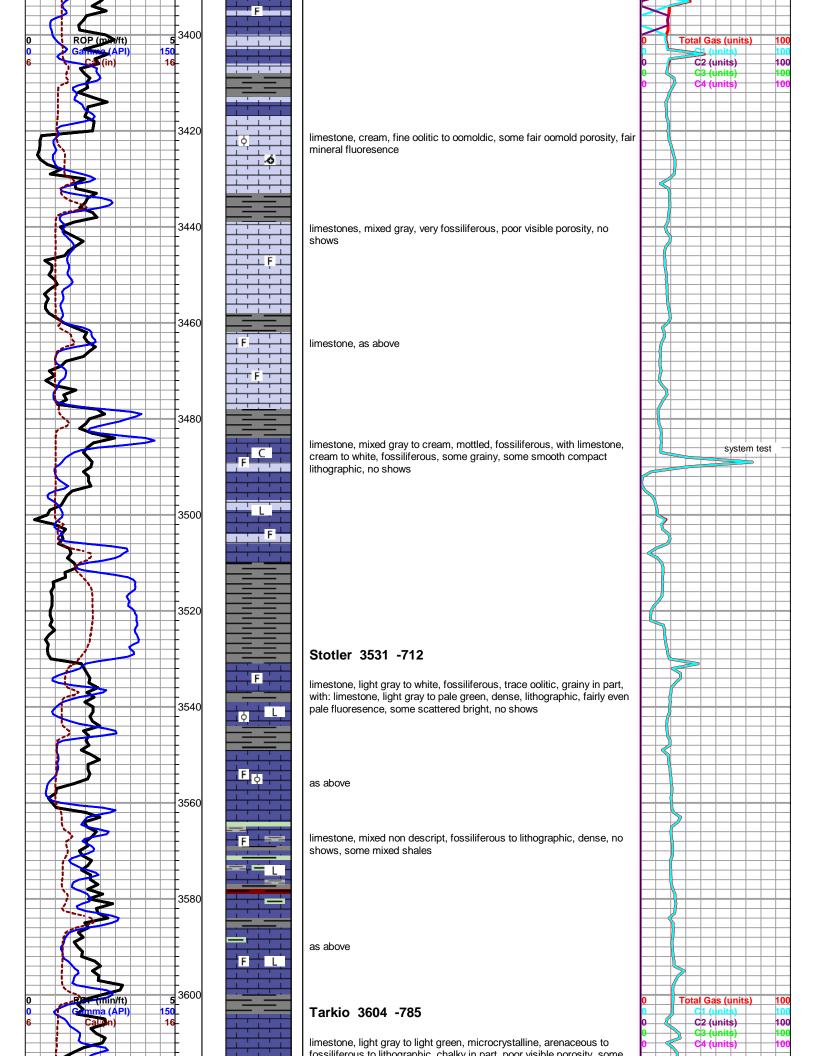


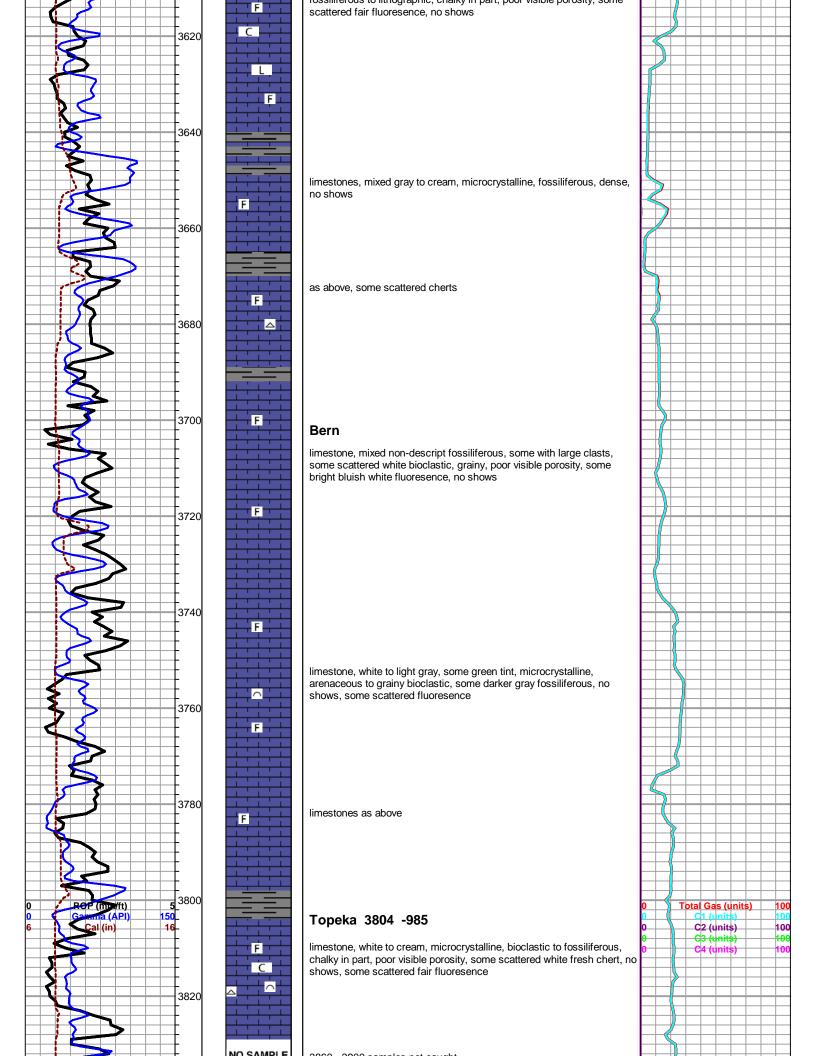


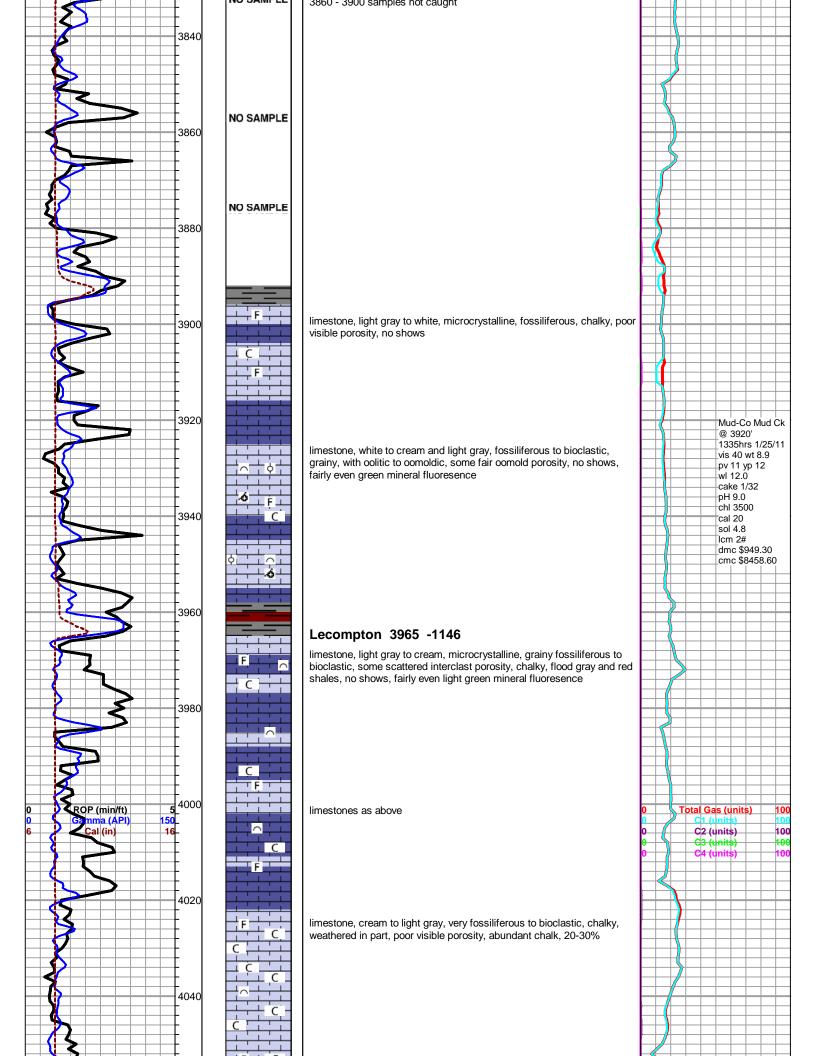
shale, gry Carbon Sh shale, red

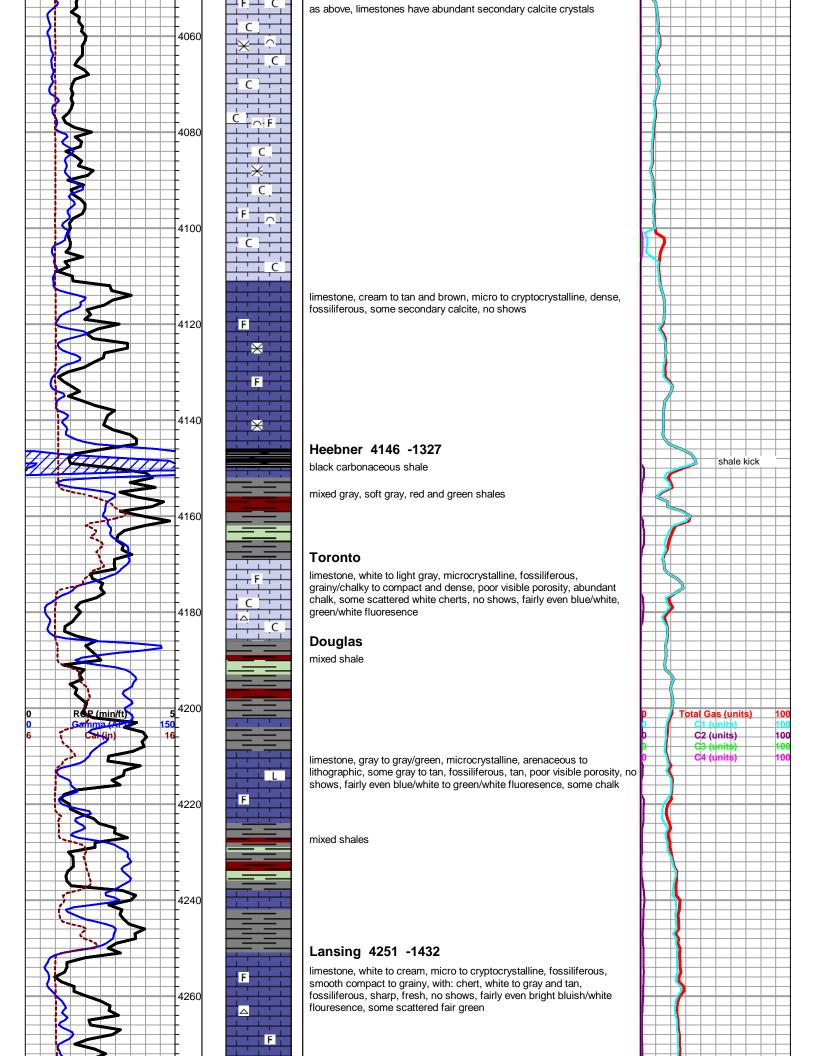
10101010101010101 **NO SAMPLE** No Sample

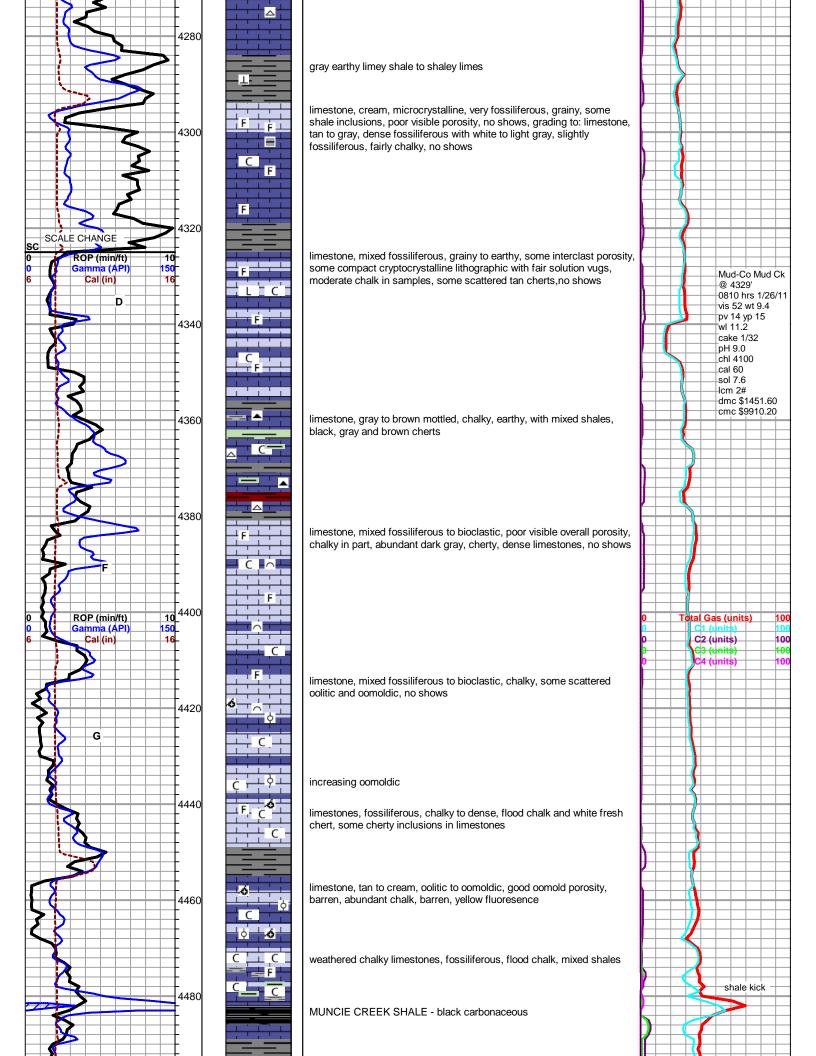


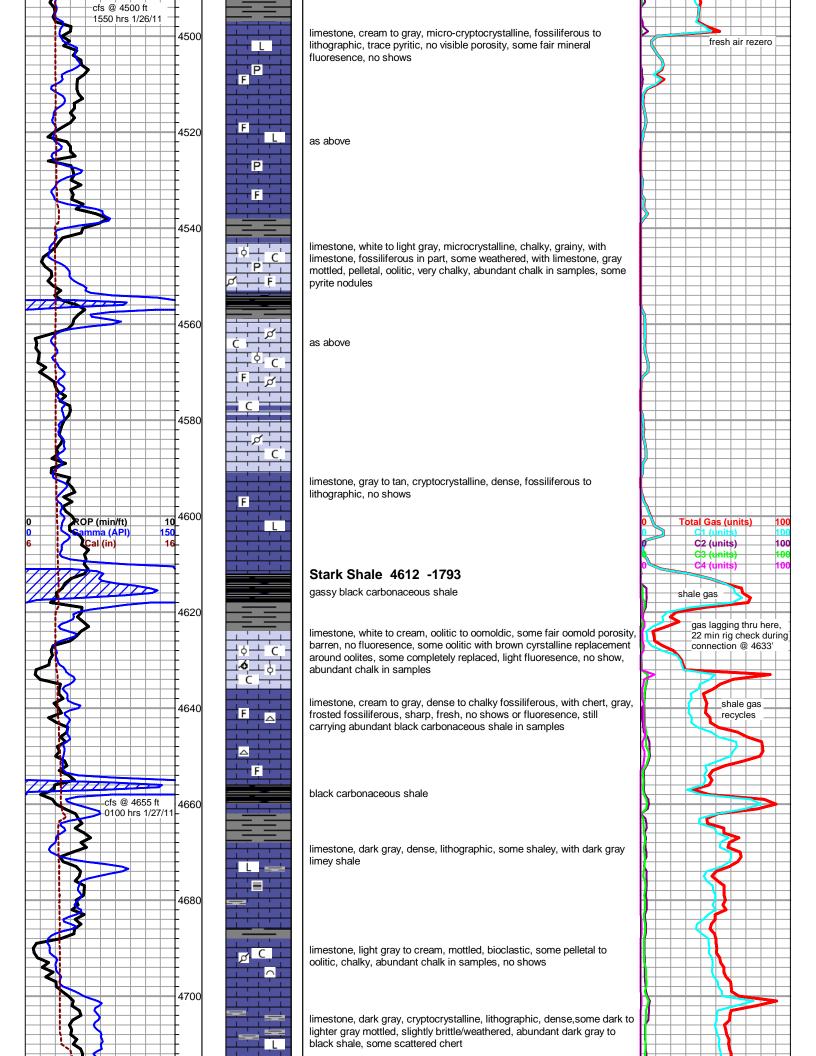


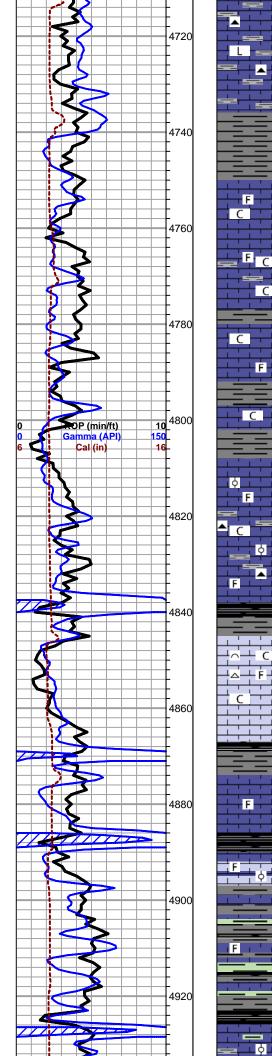












dark gray to black shale

Marmaton log top 4741 -1922

### Marmaton 4750 -1931

limestone, cream, micro to cryptocrystalline, fossiliferous to smooth lithographic, chalky in part, mostly dense, some scattered mineral fluoresence, no shows

as above, increasing chalk in samples

as above

limestone, cream to light gray and white, microcrystalline, fossiliferous to oolitic, slightly cherty to chalky, poor visible porosity, no shows, some chalk, scattered shales and gray chert

### Pawnee 4841 -2022

limestone, white to cream, cryptocrystalline, chalky fossiliferous to bioclastic, some white microcrystalline, grainy, poor visible porosity, abundant chalk in samples, some scattered gray cherts, fossiliferous, some scattered fluoresence, no shows

limestone, gray to cream, microcrystalline, fossiliferous, dense,no shows

### Cherokee 4886 -2067

black carbonaceous shale

limestone, cream to gray, micro-cryptocrystalline, fossiliferous to oolitic, chalky in part, no visible porosity, no shows, with oolitic cherts, some scattered faint fluoresence

grades to black, green and gray shales, some argillaceous, with stringers of dark gray cherty limestone, dense fossiliferous, and limestones as above

