Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1083232

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 # 5822
Name: Val Energy, Inc.
Wellsite Geologist: KEITH REAVIS
Purchaser: NCRA

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 #:

02/11/2012 — Spud Date or Recompletion Date
02/23/2012 — Date Reached TD
03/16/2012 — Completion Date or Recompletion Date

API No. 15 - 15-069-20364-00-00
Spot Description:
W2 SW SW SE Sec. 8 Twp. 28 S. R. 30 ☐ East ☑ West
330 Feet from ☐ North / ☑ South Line of Section
2520 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: Gray
Lease Name: KENNETH DIRKS Well #: 2-8(SE)
Field Name: WC
Producing Formation: NA
Elevation: Ground: 2809 Kelly Bushing: 2819
Total Vertical Depth: 5548 Plug Back Total Depth: 5278
Amount of Surface Pipe Set and Cemented at: 1869 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: 4200 ppm Fluid volume: 120 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: SHAWN HAYDEN
Lease Name: LIZ SMITH License #: 33562
Quarter NE Sec. 26 Twp. 30 S. R. 34 ☐ East ☑ West
County: HASKELL Permit #: D26802

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: 06/05/2012
☑ **Confidential Release Date:** 06/05/2014
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 06/05/2012

[redacted] 1083232

Operator Name: Falcon Exploration, Inc. Lease Name: KENNETH DIRKS Well #: 2-8(SE)

Sec. 8 Twp. 28 S. R. 30 ☐ East ☑ West County: Gray

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	1869	65:35;CLASS A	825	GEL, CC
PRODUCTION	7.875	5.5	15.5	5307	AA2	110	5% W60, SALT

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
4	5118-5128		

TUBING RECORD: Size: 2.375 Set At: 5186 Packer At: Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR. 03/28/2012

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	88		0		

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:
5118-5128

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

Form	ACO1 - Well Completion
Operator	Falcon Exploration, Inc.
Well Name	KENNETH DIRKS 2-8(SE)
Doc ID	1083232

All Electric Logs Run

MEL
DIL
BHCS
CNL/CDL

Form	ACO1 - Well Completion
Operator	Falcon Exploration, Inc.
Well Name	KENNETH DIRKS 2-8(SE)
Doc ID	1083232

Tops

Name	Top	Datum
STOTLER	3533	-714
LANSING	4246	-1427
PAWNEE	4837	-2018
CHEROKEE	4886	-2067
MORROW SS	5116	-2297
MISS/CHESTER	5130	-2311
ST GEN	5225	-2406
ST LOUIS LWR B	5365	-2546

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/

June 04, 2012

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

Re: ACO1
API 15-069-20364-00-00
KENNETH DIRKS 2-8(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,
CYNDE WOLF

Company	**Falcon Exploration, Inc.**	Lease Name	**Kenneth Dirks**		
Address	**125 North Market, Suite 1252**	Lease #	**2-8**		
CSZ	**Wichita, KS 67202**	Legal Desc	**W/2 SW SW SE**	Job Ticket	**3463**
Attn.	**Keith Reavis**	Section	**8**	Range	**30W**
		Township	**28S**		
		County	**Gray**	State	**KS**
		Drilling Cont	**Val Drilling #7**		
Comments	**Field: Wildcat**				

GENERAL INFORMATION

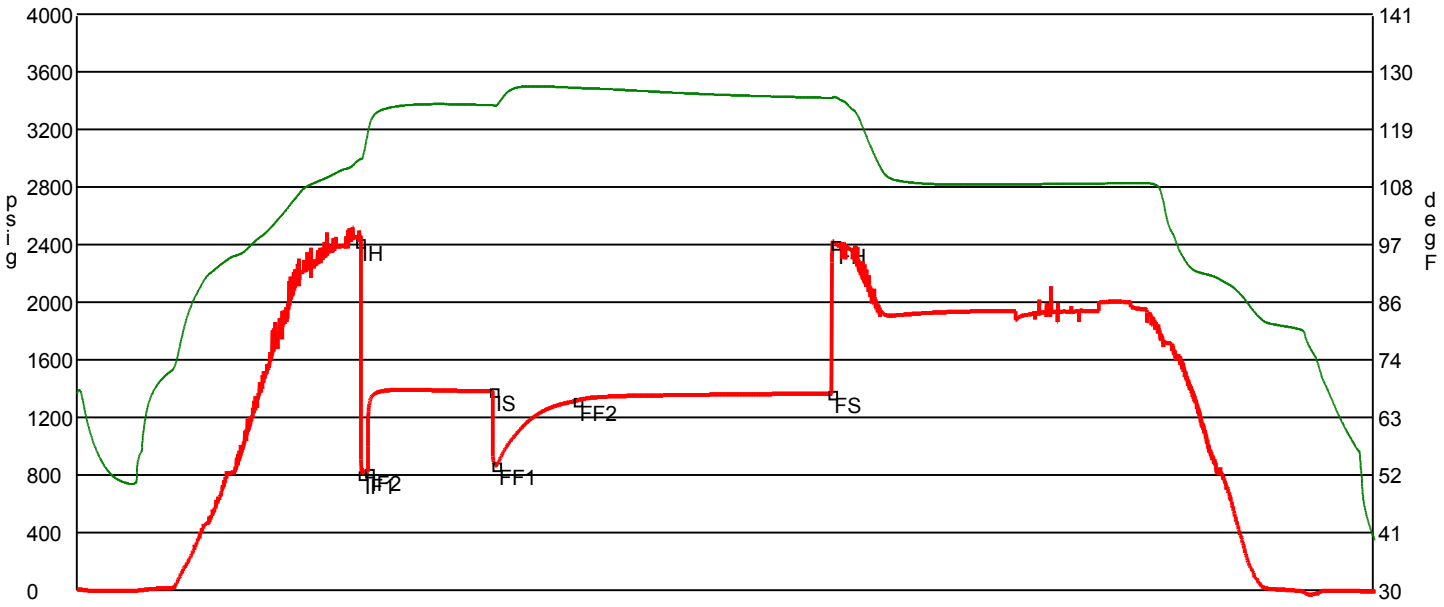
				Chokes	**3/4**	Hole Size	**7 7/8**
Test #	**1**	Test Date	**2/20/2012**	Top Recorder #	**13767**		
Tester	**Jimmy Ricketts**			Mid Recorder #	**w1022**		
Test Type	**Conventional Bottom Hole**			Bott Recorder #	**w1119**		
	Successful Test						
# of Packers	**2.0**	Packer Size	**6 3/4**	Mileage	**216**	Approved By	
				Standby Time	**4**		
Mud Type	**Gel Chem**			Extra Equipmnt	**Jars, Safety Joint, and Cir. Pin**		
Mud Weight	**9.1**	Viscosity	**57.0**	Time on Site	**7:30 AM**		
Filtrate	**7.2**	Chlorides	**1400**	Tool Picked Up	**10:30 AM**		
				Tool Layed Dwn	**1:00 AM**		
Drill Collar Len	**0**						
Wght Pipe Len	**0**			Elevation	**2809.00**	Kelley Bushings	**2819.00**
Formation	**Morrow Sand**			Start Date/Time	**2/20/2012 9:52 AM**		
Interval Top	**5075.0**	Bottom	**5127.0**	End Date/Time	**2/21/2012 1:26 AM**		
Anchor Len Below	**52.0**	Between	**0**				
Total Depth	**5127.0**						

Blow Type **Strong blow throughout initial flow period. Strong blow back 20 minutes into initial shut-in period with gas to surface at 28 minutes. Strong blow throughout final flow period. Strong blow back during final shut-in period. Times: 5, 90, 60, 184. API gravity of oil was 22.**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
3880	Clean oil	0% 0ft	100% 3880ft	0% 0ft	0% 0ft
125	Gas in pipe	100% 125ft	0% 0ft	0% 0ft	0% 0ft
190	Heavy mud cut oil	0% 0ft	58% 110.2ft	0% 0ft	42% 79.8ft

DST Fluids **0**



	Date	Time	Pressure	Temp	
IH	2/20/2012 1:14:10 PM	3.369444	2420.39	113.002	Initial Hydro-static
IF1	2/20/2012 1:16:00 PM	3.4	808.115	113.126	Initial Flow (1)
IF2	2/20/2012 1:20:30 PM	3.475	825.23	118.064	Initial Flow (2)
IS	2/20/2012 2:50:30 PM	4.975	1383.305	123.507	Initial Shut-In
FF1	2/20/2012 2:52:40 PM	5.011111	868.744	123.391	Final Flow (1)
FF2	2/20/2012 3:50:50 PM	5.980556	1316.459	126.855	Final Flow (2)
FS	2/20/2012 6:54:50 PM	9.047222	1367.083	124.92	Final Shut-In
FH	2/20/2012 6:57:10 PM	9.086111	2405.489	125.074	Final Hydro-static

GAS FLOWS

Min Into IFP	Min Into FFP	Gas Flows	Pressure	Choke
0	10	19.90 mcf	10.00 h2o	0.50 in
0	20	12.50 mcf	4.00 h2o	0.50 in
0	30	9.45 mcf	7.00 h2o	0.38 in
0	40	4.30 mcf	6.50 h2o	0.25 in
0	50	3.95 mcf	5.50 h2o	0.25 in
0	60	3.37 mcf	4.00 h2o	0.25 in

Company	**Falcon Exploration, Inc.**	Lease Name	**Kenneth Dirks**		
Address	**125 North Market, Suite 1252**	Lease #	**2-8**		
CSZ	**Wichita, KS 67202**	Legal Desc	**W/2 SW SW SE**	Job Ticket	**3463**
Attn.	**Keith Reavis**	Section	**8**	Range	**30W**
		Township	**28S**		
		County	**Gray**	State	**KS**
		Drilling Cont	**Val Drilling #7**		

Comments **Field: Wildcat**

GENERAL INFORMATION

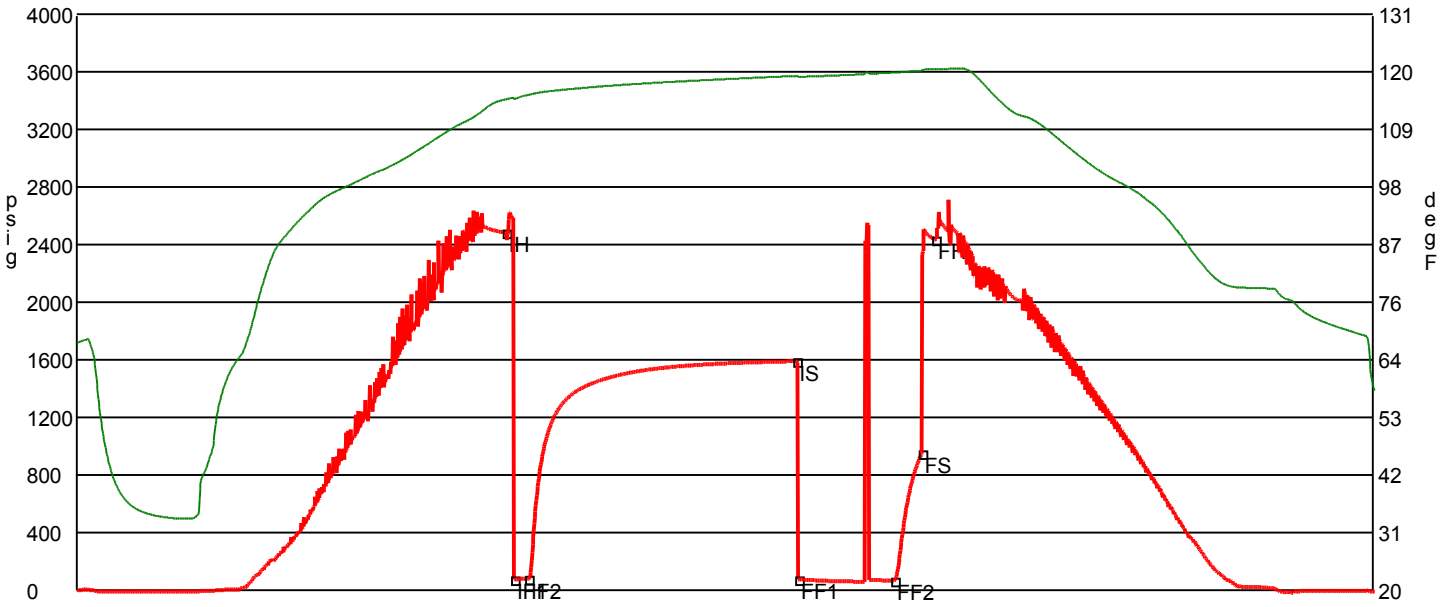
				Chokes	**3/4**	Hole Size	**7 7/8**
Test #	**2**	Test Date	**2/22/2012**	Top Recorder #	**13767**		
Tester	**Jimmy Ricketts**			Mid Recorder #	**w1022**		
Test Type	**Conventional Bottom Hole**			Bott Recorder #	**ww1023**		
	Successful Test						
# of Packers	**2.0**	Packer Size	**6 3/4**	Mileage	**0**	Approved By	
				Standby Time	**0**		
Mud Type	**Gel Chem**			Extra Equipmnt	**Jars & Safety Joint**		
Mud Weight	**9.1**	Viscosity	**49.0**	Time on Site	**2:30 AM**		
Filtrate	**6.4**	Chlorides	**1400**	Tool Picked Up	**3:00 AM**		
				Tool Layed Dwn	**9:00 AM**		
Drill Collar Len	**0**						
Wght Pipe Len	**0**			Elevation	**2809.00**	Kelley Bushings	**2819.00**
Formation	**Saint Louis**			Start Date/Time	**2/22/2012 2:46 AM**		
Interval Top	**5308.0**	Bottom	**5364.0**	End Date/Time	**2/22/2012 9:59 AM**		
Anchor Len Below	**56.0**	Between	**0**				
Total Depth	**5364.0**						

Blow Type **Weak blow building to 1/2 inch initial flow period. No blow final flow period. Flushed tool 23 minutes into final flow period but did no good. Times: 5, 90, 32, 10.**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
20	Drilling mud with trace oil	0% 0ft	trace	0% 0ft	100%20ft

DST Fluids **0**



	Date	Time	Pressure	Temp	
IH	2/22/2012 5:08:20 AM	2.372222	2487.599	114.641	Initial Hydro-static
IF1	2/22/2012 5:11:10 AM	2.419444	75.997	114.715	Initial Flow (1)
IF2	2/22/2012 5:15:50 AM	2.497222	81.042	115.498	Initial Flow (2)
IS	2/22/2012 6:45:40 AM	3.994444	1592.49	119.156	Initial Shut-In
FF1	2/22/2012 6:46:10 AM	4.002778	76.31	118.979	Final Flow (1)
FF2	2/22/2012 7:18:20 AM	4.538889	70.1	119.804	Final Flow (2)
FS	2/22/2012 7:27:40 AM	4.694444	953.327	120.148	Final Shut-In
FH	2/22/2012 7:32:00 AM	4.766667	2438.053	120.411	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:	Kenneth Dirks #2-8		
Location:	Sec. 8 - T28S - R30W	API:	15-069-20364-0000
Pool:		Field:	Renegade SW
State:	Kansas	Country:	USA

Scale 1:240 Imperial

Well Name:	Kenneth Dirks #2-8		
Surface Location:	Sec. 8 - T28S - R30W		
Bottom Location:			
API:	15-069-20364-0000		
License Number:	5316		
Spud Date:	2/11/2012	Time:	23:15
Region:	Gray County		
Drilling Completed:	2/23/2012	Time:	02:45
Surface Coordinates:	330' FSL & 2520' FEL		
Bottom Hole Coordinates:			
Ground Elevation:	2809.00ft		
K.B. Elevation:	2819.00ft		
Logged Interval:	3500.00ft	To:	5548.00ft
Total Depth:	5548.00ft		
Formation:	Morrow/Mississippian		
Drilling Fluid Type:	Chemical/Fresh Water Gel		

SURFACE CO-ORDINATES

Well Type:	Vertical		
Longitude:		Latitude:	
N/S Co-ord:	330' FSL		
E/W Co-ord:	2520' 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:	Val Energy		
Rig #:	7		
Rig Type:	mud rotary		
Spud Date:	2/11/2012	Time:	23:15
TD Date:	2/23/2012	Time:	02:45
Rig Release:		Time:	

ELEVATIONS

K.B. Elevation:	2819.00ft	Ground Elevation:	2809.00ft
K.B. to Ground:	10.00ft		

NOTES

Due to the results of Drill Stem Test #1, 5 1/2" production casing was set and cement to test the Morrow Sand through perforations and stimulation.

A Bloodhound gas detector supplied by Bluestem Environmental was employed on this well from the Chase Group to TD. Penetration rate and gas curves were imported into this log.

The 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
02/16/2012		Geologist Keith Reavis on location @ 1910 hrs, 3395 ft., drilling ahead check bloodhound system, set up, drill Stotler
02/17/2012	3724	drilling ahead, Tarkio, Bern, Topeka, Lecompton, Heebner, Douglas
02/18/2012	4409	drilling ahead, Lansing, light plant went down 1045 pm, stop, circ @ 4800 ft
02/19/2012	4865	resume drilling at 0410 hrs, Marmaton, Pawnee, Cherokee, bit trip @ 5015 ft
02/20/2012	5127	drilling ahead, Cherokee, Morrow, cfs Morrow sand, show and gas kick warrant DST, TOH, conducting and complete DST #1, successful test
02/21/2012	5141	out with test tools, in w/bit, condition hole, resume drilling Mississippian show in St. Louis warrants DST
02/22/2012	5364	TOH w/bit and in with tools for DST #2, conducting and complete DST #2, successful test, back in hole w/bit, resume drilling
02/23/2012	5548	TD @ 5548 ft., 0245 hrs, ctch, TOH, conduct and complete logging operations. geologist off location at 1330 hrs.

Falcon Exploration, Inc.

well comparison sheet

	DRILLING WELL K. Dirks #2-8 330' FSL & 2520' FEL Sec. 8 T28S R30W				COMPARISON WELL K. Dirks #1-8 2090' FSL & 440' FEL Sec. 8 T28S R30W				COMPARISON WELL Lanterman #1-8 2030' FNL & 370' FEL Sec. 8 T28S R30W			
	2819 KB				2819 KB		Structural Relationship		2821 KB		Structural Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Stotler	3532	-713	3533	-714	3530	-711	-2	-3	3532	-711	-2	-3
Tarkio	3604	-785	3598	-779	3602	-783	-2	4	3603	-782	-3	3
Topeka	3804	-985	3803	-984	3800	-981	-4	-3	3804	-983	-2	-1
Lecompton	3967	-1148	3968	-1149	3965	-1146	-2	-3	3967	-1146	-2	-3
Heebner	4148	-1329	4149	-1330	4146	-1327	-2	-3	4146	-1325	-4	-5
Lansing	4249	-1430	4246	-1427	4251	-1432	2	5	4249	-1428	-2	1
Stark	4608	-1789	4612	-1793	4610	-1791	2	-2	4606	-1785	-4	-8
Marmaton	4736	-1917	4752	-1933	4741	-1922	5	-11	4743	-1922	5	-11
Pawnee	4835	-2016	4838	-2019	4841	-2022	6	3	4837	-2016	0	-3
Cherokee	4883	-2064	4886	-2067	4885	-2066	2	-1	4881	-2060	-4	-7
Morrow Sand	5110	-2291	5117	-2298	5124	-2305	14	7	5118	-2297	6	-1
Miss St. Gen.	5214	-2395	5217	-2398	5216	-2397	2	-1	5244	-2423	28	25
St. Lo B Por.	5340	-2521	5341	-2522	5342	-2523	2	1	5345	-2524	3	2
Salem	5496	-2677	5498	-2679	5497	-2678	1	-1	np			
Total Depth	5548	-2729	5550	-2731	5528	-2709	-20	-22	5406	-2585	-144	-146

Drill Stem Test #1

RICKETTS TESTING (620) 326-5830 Page 1

Company	Falcon Exploration, Inc.	Lease Name	Kenneth Dirks		
Address	125 North Market, Suite 1252	Lease #	2-8		
CSZ	Wichita, KS 67202	Legal Desc	W/2 SW SW SE	Job Ticket	3463
Attn	Keith Reavis	Section	8	Range	30W
		Township	28S		
		County	Gray	State	KS
		Drilling Cont	Val Drilling #7		
Comments	Field: Wildcat				

GENERAL INFORMATION

Test #	1	Test Date	2/20/2012	Chokes	3/4
Tester	Jimmy Ricketts			Top Recorder #	13767
Test Type	Conventional Bottom Hole Successful Test			Mid Recorder #	w1022
# of Packers	2.0	Packer Size	6 3/4	Bott Recorder #	w1119
Mud Type	Gel Chem			Mileage	216
Mud Weight	9.1	Viscosity	57.0	Standby Time	4
Filtrate	7.2	Chlorides	1400	Extra Equipmnt	Jars, Safety Joint, and Cir. Pin
Drill Collar Len	0			Time on Site	7:30 AM
Wght Pipe Len	0			Tool Picked Up	10:30 AM
				Tool Layed Dwn	1:00 AM
Formation	Morrow Sand			Elevation	2809.00
Interval Top	5075.0	Bottom	5127.0	Start Date/Time	2/20/2012 9:52 AM
Anchor Len Below	52.0	Between	0	End Date/Time	2/21/2012 1:26 AM
Total Depth	5127.0				

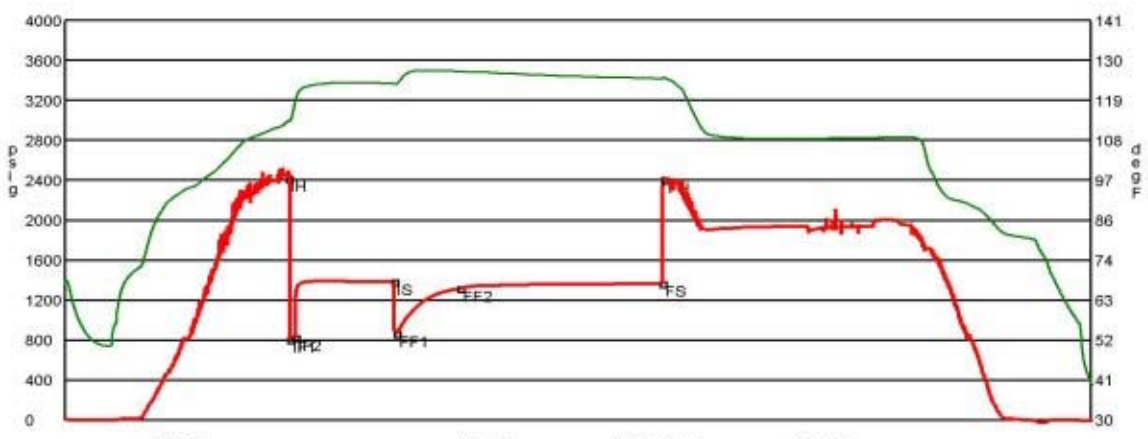
Hole Size 7 7/8
Approved By
Kelley Bushings 2819.00

Blow Type: Strong blow throughout initial flow period. Strong blow back 20 minutes into initial shut-in period with gas to surface at 28 minutes. Strong blow throughout final flow period. Strong blow back during final shut-in period. Times: 5, 90, 60, 184. API gravity of oil was 22.

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
3880	Clean oil	0% 0ft	100% 3880ft	0% 0ft	0% 0ft
125	Gas in pipe	100% 125ft	0% 0ft	0% 0ft	0% 0ft
190	Heavy mud cut oil	0% 0ft	58% 110.2ft	0% 0ft	42% 79.8ft

DST Fluids 0



	Date	Time	Pressure	Temp	
IH	2/20/2012 1:14:10 PM	3.369444	2420.39	113.002	Initial Hydro-static
IF1	2/20/2012 1:16:00 PM	3.4	808.115	113.126	Initial Flow (1)
IF2	2/20/2012 1:20:30 PM	3.475	825.23	118.064	Initial Flow (2)
IS	2/20/2012 2:50:30 PM	4.975	1383.305	123.507	Initial Shut-In
FF1	2/20/2012 2:52:40 PM	5.011111	868.744	123.391	Final Flow (1)
FF2	2/20/2012 3:50:50 PM	5.980556	1316.459	126.855	Final Flow (2)
FS	2/20/2012 6:54:50 PM	9.047222	1367.083	124.92	Final Shut-In
FH	2/20/2012 6:57:10 PM	9.086111	2405.489	125.074	Final Hydro-static

GAS FLOWS

Min Into IFP	Min Into FFP	Gas Flows	Pressure	Choke
0	10	19.90 mcf	10.00 h2o	0.50 in
0	20	12.50 mcf	4.00 h2o	0.50 in
0	30	9.45 mcf	7.00 h2o	0.38 in
0	40	4.30 mcf	6.50 h2o	0.25 in
0	50	3.95 mcf	5.50 h2o	0.25 in
0	60	3.37 mcf	4.00 h2o	0.25 in

Drill Stem Test #2

RICKETTS TESTING (620) 326-5830 Page 1

Company	**Falcon Exploration, Inc.**	Lease Name	**Kenneth Dirks**		
Address	**125 North Market, Suite 1252**	Lease #	**2-8**		
CSZ	**Wichita, KS 67202**	Legal Desc	**W/2 SW SW SE**	Job Ticket	**3463**
Attn.	**Keith Reavis**	Section	**8**	Range	**30W**
		Township	**28S**		
		County	**Gray**	State	**KS**
		Drilling Cont	**Val Drilling #7**		
Comments	**Field: Wildcat**				

GENERAL INFORMATION

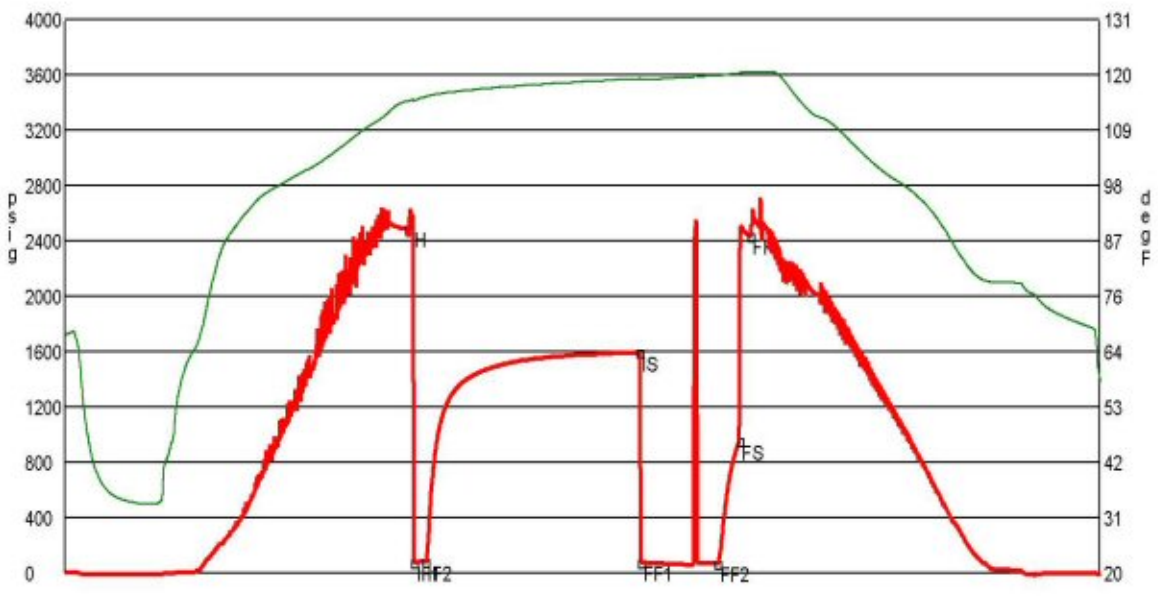
Test #	**2**	Test Date	**2/22/2012**	Chokes	**3/4**	Hole Size	**7 7/8**
Tester	**Jimmy Ricketts**			Top Recorder #	**13767**		
Test Type	**Conventional Bottom Hole**			Mid Recorder #	**w1022**		
	Successful Test			Bott Recorder #	**ww1023**		
# of Packers	**2.0**	Packer Size	**6 3/4**	Mileage	**0**	Approved By	
				Standby Time	**0**		
Mud Type	**Gel Chem**			Extra Equipmnt	**Jars & Safety Joint**		
Mud Weight	**9.1**	Viscosity	**49.0**	Time on Site	**2:30 AM**		
Filtrate	**6.4**	Chlorides	**1400**	Tool Picked Up	**3:00 AM**		
				Tool Layed Dwn	**9:00 AM**		
Drill Collar Len	**0**						
Wght Pipe Len	**0**			Elevation	**2809.00**	Kelley Bushings	**2819.00**
Formation	**Saint Louis**			Start Date/Time	**2/22/2012 2:46 AM**		
Interval Top	**5308.0**	Bottom	**5364.0**	End Date/Time	**2/22/2012 9:59 AM**		
Anchor Len Below	**56.0**	Between	**0**				
Total Depth	**5364.0**						

Blow Type **Weak blow building to 1/2 inch initial flow period. No blow final flow period. Flushed tool 23 minutes into final flow period but did no good. Times: 5, 90, 32, 10.**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
20	Drilling mud with trace oil	0% 0ft	trace	0% 0ft	100%20ft

DST Fluids **0**



	Date	Time	Pressure	Temp	
IH	2/22/2012 5:08:20 AM	2.372222	2487.599	114.641	Initial Hydro-static
IF1	2/22/2012 5:11:10 AM	2.419444	75.997	114.715	Initial Flow (1)
IF2	2/22/2012 5:15:50 AM	2.497222	81.042	115.498	Initial Flow (2)
IS	2/22/2012 6:45:40 AM	3.994444	1592.49	119.156	Initial Shut-In
FF1	2/22/2012 6:46:10 AM	4.002778	76.31	118.979	Final Flow (1)
FF2	2/22/2012 7:18:20 AM	4.538889	70.1	119.804	Final Flow (2)
FS	2/22/2012 7:27:40 AM	4.694444	953.327	120.148	Final Shut-In
FH	2/22/2012 7:32:00 AM	4.766667	2438.053	120.411	Final Hydro-static

ROCK TYPES

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

ACCESSORIES

MINERAL
- Argillaceous
- Chert, dark
- Dolomitic
- Glauconite
- Pyrite
- Chert White

FOSSIL
- Bioclastic or Fragmental
- Bryozoa
- Fossils < 20%
- Oolite
- Pellets
- Oomoldic

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

TEXTURE
- C Chalky
- L Lithogr

OTHER SYMBOLS

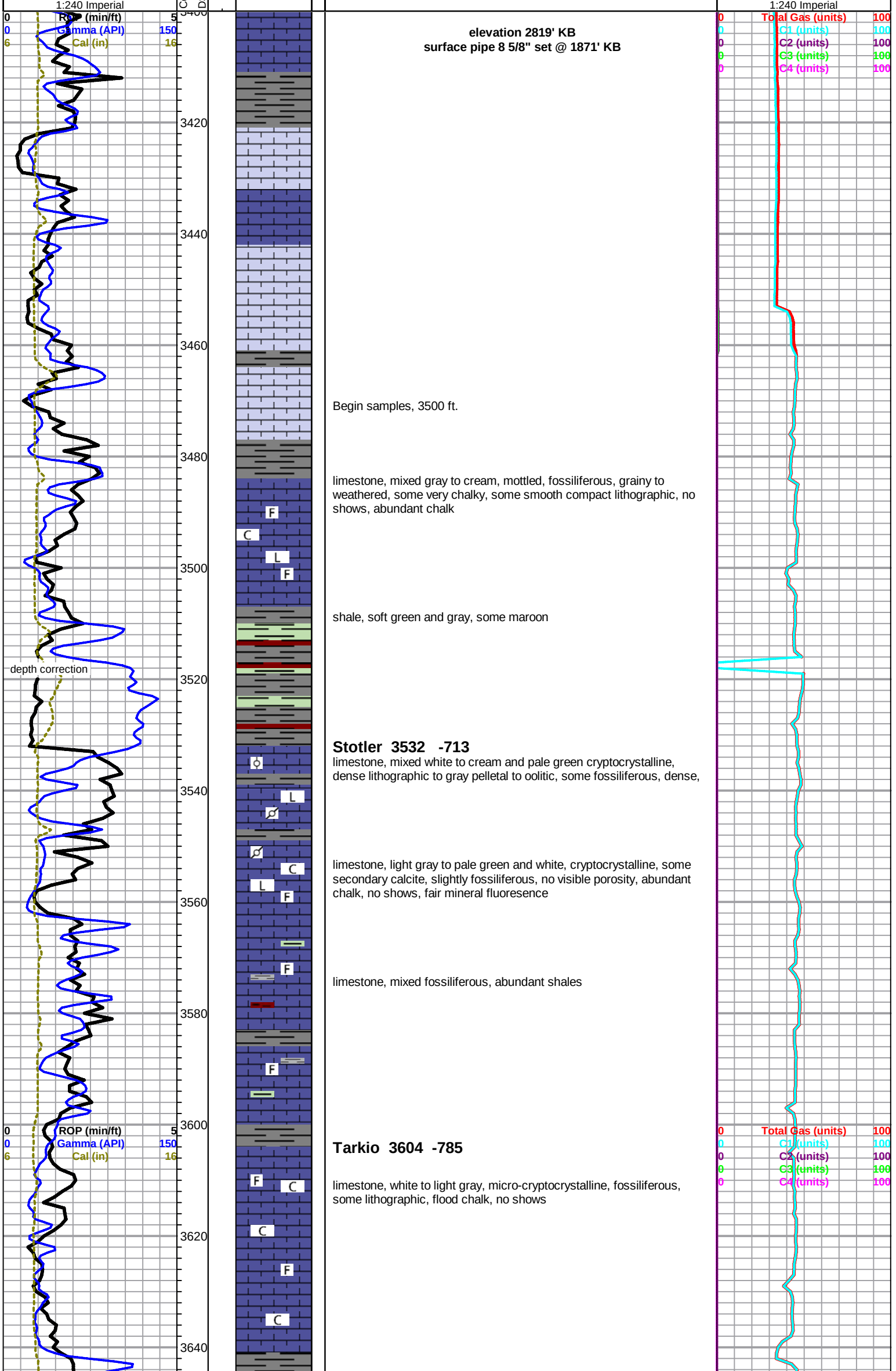
DST
- DST Int
- DST alt
- Core
- tail pipe

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

Curve Track #1: ROP (min/ft), Gamma (API), Cal (in) — 1:240 Imperial

Depth | Intervals; Cored Interval; DST Interval; DST; Lithology; Oil Show; Geological Descriptions

TG, C1 - C5: Total Gas (units), C1 (units), C2 (units), C3 (units), C4 (units) — 1:240 Imperial



limestone, cream to white and gray, dense to chalky, fossiliferous, decrease in chalk in samples, no shows

limestone, gray to gray/green and brown, microcrystalline, dense, fossiliferous, some pelletal, cherty, no visible porosity, no shows

Bern

limestone, mixed, grainy fossiliferous to pelletal, some very large clasts, dense, poor visible porosity,with some soft tan chalky oolitic, poor visible porosity, no shows

limestone, as above, flood gray and tan cherts

limestone, mixed gray, microcrystalline, fossiliferous, some arenaceous, chalky and pyritic in part, poor visible porosity, no shows, abundant chalk

as above, some scattered brown cherty fossiliferous limestone

limestone, light gray, grainy bioclastic, large clasts, some pyritic, poor visible porosity, no shows

Topeka 3804 -985

limestone, white to gray, chalky, fossiliferous, poor visible porosity, no shows, some white and gray chert, abundant chalk

mixed chalky fossiliferous limestones, abundant chalk, cherts drop out

limestone, mixed chalky fossiliferous to bioclastic, some pelletal and very chalky

as above, some dary gray, dense, microcrystalline, very fossiliferous

limestone, gray to cream, fossiliferous, microcrystalline, fairly dense, poor visible porosity, some scattered light gray cherts, abundant chalk, no shows

limestone, gray to light gray and cream, microcrystalline, fossiliferous, some pelletal, abundant chalk, flood light gray chert, sharp, fresh

Lecompton 3967 -1148

limestone, light gray, microcrystalline, fossiliferous to bioclastic, chalky, poor visible porosity, no shows

as above, flood chalk, appx 30%

as above, influx green and red shales

limestone, cream to white and gray, chalky fossiliferous to bioclastic, some interclast porosity, appx 40-50% chalk in samples

limestone as above, with: limestone, gray, crypto-microcrystalline, dense, fossiliferous, marked decrease in chalk

mixed gray dense to chalky fossiliferous and lithographic limestones, influx abundant dark gray chert and dense limey dark gray shale

as above, limestone grading to gray fossiliferous to bioclastic, large clasts, no shows

Heebner 4148 -1329

shale, black carbonaceous

soft gray shale, heavy gray wash

Toronto

limestone and dolomite, white, microcrystalline, with gray/green cryptocrystalline lithographic limestone, abundant chalk and light gray to cream fossiliferous cherts, no shows

Douglas

limestone, light gray to cream, microcrystalline, fossiliferous, some large clasts, mostly dense, some chalky, poor visible porosity, no shows, trace chert

shale, soft gray and some green, heavy gray wash

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

3660 3680 3700 3720 3740 3760 3780 3800 3820 3840 3860 3880 3900 3920 3940 3960 3980 4000 4020 4040 4060 4080 4100 4120 4140 4160 4180 4200 4220 4240

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

Mud-Co Mud Ck
@ 3886'
1200 hrs 2/17/12
vis 47 wt 9.2
pv 13 yp 16
wl 10.4
cake 1/32
pH 9.5
chl 3100
cal 20
sol 6.3
lcm 2#
dmc $66.15
cmc $10161.15

fresh air re-zero

spike system

shale kick

reset fresh air zero

Lansing 4249 -1430

limestone, white to cream, micro to cryptocrystalline, fossiliferous/bioclastic, smooth compact to grainy, with: chert, white to gray, fossiliferous, sharp, fresh, no shows, fairly even bright bluish/white flouresence, abundant chalk

limestone, light gray to tan, grainy, chalky, some pinpoint porosity with: limestone, light gray, cryptocrystalline, dense, slightly fossiliferous to lithographic, no shows

limestone, mixed gray to brown mottled, fossiliferous, some pelletal and oolitic, some earthy/chalky mixed fossiliferous limestones, abundant chalk and mixed shale in samples, some brown and tan cherts

mixed limestone with flood mixed shale, pyrite nodules, some pyritic chert and limestone

grading to limestone, gray/brown mottled, very fossiliferous, mostly chalky, some dense, poor visible porosity, no shows

limestone, white to cream and light gray, crypto-microcrystalline, fossiliferous, bioclastic to lithographic, some weathered, abundant chalk, appx 30% in samples, no shows

limestone, cream to white, oolitic to pelletal to bioclastic, flood of tan oomoldic lower in porosity, very chalky, poor visible porosity, appx 50% chalk, no shows

limestone, gray, cryptocrystalline, fossiliferous, dense, pyritic, some pyrite bryozoans, gray limey shale, pyritic

limestone, cream to light gray, mostly cryptocrystalline, chalky, slighty fossiliferous to lithographic, some pyritic, poor visible porosity, abundant chalk, no shows

MUNCIE CREEK

limestone, cream to gray, microcrystalline, fossiliferous, chalky, no shows, some chalk

as above, some tan pelletal

limestone, gray, weathered, fossiliferous, very chalky

light gray limey shale to shaley limestone, abundant light gray fossiliferous chert

chalky white to gray fossiliferous limestone, weathered, abundant chalk, no shows

limestone, mixed gray non-descript fossiliferous, abundant chalk

as above

Stark Shale 4608 -1789

gassy black carbonaceous shale

limestone, cream to light gray, cryptocrystalline, chalky, lithographic to slightly fossiliferous, with dolomite, cream, microcrystalline, poor visible porosity, no shows, abundant chalk

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

limestone, fine oolitic, cream, dense, poor visible porosity, some gray grainy pelletal, flood of chalk, no shows

mixed dense limestones with some gray oolitic cherts

limestone, cream, oolitic to oomoldic, some fair porosity, some light fluoresence, no shows, abundant chalk

limestone, dark gray, cryptocrystalline, lithographic to fossiliferous, some large clasts, dense, no shows, some chert, with: gray limey shale and some black carbonaceous shales

as above, with: gray limey shale and some black carbonaceous shales

Marmaton 4736 -1917

limestone, gray to brown and cream, cryptcrystalline, fossiliferous to lithographic, poor visible porosity, abundant chalk, trace sucrosic tan microcrystalline dolomite

Marmaton log top 4752

grading to limestone, cream to tan, cryptocrystalline, mostly lithographic, some fossiliferous, fairly dense, chalk drops out, no shows, few scattered pieces with fair green mineral fluoresence

as above, increase in fossiliferous, slight influx chalk

as above, influx chert, tan, translucent, fossiliferous

4830 sample, mostly shale, green to bright green and gray

shale, black carbonaceous

Pawnee 4835 -2016

limestone, light gray to cream, cryptocrystalline, chalky fossiliferous to

Mud-Co Mud Ck
@ 4591'
1330 hrs 2/18/12
vis 49 wt 9.2
pv 16 yp 18
wl 6.4
cake 1/32
pH 9.5
chl 1700
cal 20
sol 6.3
lcm 2#
dmc $2512.70
cmc $12673.85

shale kick

shale recycle

data shift 3 ft
downhole @ 4797 ft

shale kick

SCALE CHANGE

0 ROP (min/ft) 5
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

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

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

4260 4280 4300 4320 4340 4360 4380 4400 4420 4440 4460 4480 4500 4520 4540 4560 4580 4600 4620 4640 4660 4680 4700 4720 4740 4760 4780 4800 4820 4840

D F G

bioclastic, some light gray micro-cryptocrystalline, lithographic, dense, compact, poor visible porosity, abundant chalk in samples, no shows, some spotty fair fluoresence

shale kick

as above with brown fossiliferous limestone

shale kick

Cherokee 4883 -2064

gassy black carbonaceous shale

limestone, cream, microcrystalline, chalky, fossiliferous to oolitic, poor visible porosity, no shows, with shale, mixed light gray, green and brown, silty, some oolitic chert, trace pyrite

limestone, as above with light gray, fossiliferous to pelletal, cyrptocrystalline, some arenaceous, shales as above, no shows

depth correction

depth correction

shale, black carbonaceous

limestone, mixed gray to tan, some pyritic, fossiliferous, dense, with shales as above

increasing shales, mostly gray, silty to micaceous

limestone, light gray to gray, microcrystalline, shaley arenaceous, some dolomitic, dense, no shows, decrease in shales

Mud-Co Mud Ck
@ 5011'
1345 hrs 2/19/12
vis 47 wt 9.2
pv 14 yp 16
wl 7.4
cake 1/32
pH 11.5
chl 1100
cal 20
sol 6.4
lcm 2#
dmc $2198.85
cmc $14872.70

grades to limestone, cream to gray, crypto-microcrystalline, fossiliferous, chalky in part, poor visible porosity, no shows

flood dark gray shale with limestone, dark brown, fossiliferous, grainy, dense, no shows

limestone, cream to gray, microcrystalline, fossiliferous to very fossiliferous, chalky in part, abundant chalk in samples, heavy chalky wash, no shows

bit trip @ 5015 ft.

deviation survey 3/4 deg
strap 5.38 ft short to board

5040 sample - as above, flood tan to brown fossiliferous chert

limestone, mixed gray, brown, dark gray, fossiliferous, dense, some cherty, flood very dark gray to black shales, scattered black to tan cherts

as above, some pyrite

Mud-Co Mud Ck
@ 5127'
1350 hrs 2/20/12
vis 57 wt 9.1
pv 17 yp 20
wl 7.2
cake 1/32
pH 11.0
chl 1400
cal 20
sol 5.7
lcm 4#
dmc $1356.75
cmc $16229.45

as above, found 1 piece brown limestone, fossiliferous, few small vugs, show of tarry clingy oil, no fluoresence or odor, slow light cut with halo, some light green striated shale, pyritic in part, some pyrite nodules - scattered small white sandstone clusters, very fine grained and glauconitic, friable, barren

5120 sample, flood green sandy to silty shale, pyritic with: sandstone, green to gray, fine to very fine grain, sub-round to sub-angular, poorly sorted, well cemented, glauconitic, some dark brown dead staining, few small heavy oil droplets on break, no odor, no fluoresence, good bluish/white streaming cut

Morrow Sand 5110 -2291

30 min cfs - sandstone, quartz, fine to medium grain, round to angular, poorly sorted, well cemented, pyritic, some dolomite inclusions, well cemented, some scattered intergranular porosity, good odor, fairly even light brown staining, good show free oil, some gassy, light fluoresence, excellent cut

60 min sample, as above, flood pyrite nodules

gray dense lithographic shaley lime and gray dense limey shale

Deviation Survey 3/4 deg

DST #1, 5075-5127, 5-90-60-184, GTS 28 min into ISIP, Ga. 19.9 MCF - 3.37 MCF during FFP, recovered 3880' CGO, 125' GIP, 190' HMCO, IFP 808-825#, FFP 868-1316#, SIP's 1383-1367#, BHT 126 deg F

limestone, cream, chalky, fossiliferous to pelletal, some secondary calcite, with limestone, pale green, cryptocrystalline, dense lithographic, abundant chalk

data gap, shifted curve down

175 total units

Mud-Co Mud Ck
@ 5139'
0625 hrs 2/21/12
vis 49 wt 8.8
pv 15 yp 16
wl 7.2
cake 1/32
pH 10.5
chl 1600
cal 20
sol 3.5
lcm 2.5#
dmc $2012.35
cmc $18241.80

limestone, gray/tan to blue/gray mottled, very fossiliferous, large clasts, poor visible porosity, no shows or fluoresence, still abundant shales and chalk

5200, flood sandstone to siltstone, green, very fine grained, well sorted and cemented, no shows

shale, red and gray, heavy red wash in samples

St. Gen 5214 -2395

sandy limestone, white to light gray and light green, chalky, abundant oolitic, mostly sandy, fine mature, very chalky, no visible porosity, barren, very faint mineral fluoresence

fresh air re-zero

as above, influx red/green mottled shale, some bright green shale

sandy limestone as above, shale drops out, decrease in oolitic, increase in chalk in samples, appx 20%, no shows

limestone, sandy as above, decrease in chalk, with limestone, gray, cryptocrystalline, dense compact lithographic, trace sandy, no shows, even light mineral fluoresence

St. Louis 5301

picking up white to light gray mature oolitic, larger oolities than above, glauconitic, friable, very chalky, poor visible porosity, fair green mineral fluoresence

oolitic limestone a.a, poor overall porosity, some scattered light brown interoolite staining, trace free oil and some tarry clingy oil to oil sheen on break, very light green fluoresence, slow to good milky white cut, fleeting odor in wet cup, with flood chalk, few pieces of gray dense flattened oolitic

limestone, cream chalky flattened oolitic, some sandy, with sandy limestone, pale green/gray, chalky to dense, chert, gray/black speckled, fossiliferous, pyritic with light smokey gray/black speckled, sharp, fresh, no shows

DST #2, 5308-5364, 5-90-32-10, recover 20 mud w/tr oil, FP's 75-81# & 76-70#, SIP's 1592-953#, BHT 120 deg F

jet #1 pit, runaround open

limestone, white to cream, oolitic, mature, some fair inter-oolite porosity, some chalky, fair brown inter-oolite staining, fair show oil, free and on break, bleeding some gas bubbles, some gray flattened cryptocrystalline oolitic with solution vugs, show as above, fair green fluoresence, excellent cut, good odor in wet cup

limestone, mostly gray cryptocrystalline oolitic, dense, flattened to mature, some chalky mature oolitic, no shows, moderate chalk in samples

limestone, white, very chalky weathered oolitic, no visible porosity, shows or fluoresence, abundant chalk

Mud-Co Mud Ck
@ 5364'
0840 hrs 2/22/12
vis 49 wt 9.1
pv 15 yp 15
wl 6.4
cake 1/32
pH 9.0
chl 1400
cal 20
sol 5.7
lcm 3#
dmc $1461.00
cmc $19702.80

limestone, white chalky oolitic to gray cryptocrystalline dense oolitic, stringers dirty gray sandy limestone, no shows

limestone, mixed, mostly light gray, oolitic, glauconitic, cryptocrystalline with no visible shows, porosity or fluoresence

limestone, white, uniform mature oolitic, chalky, no visible porosity, barren

limestone, mixed gray to light gray, oolitic, mature to flattened, grainy, dense, poor visible porosity, no shows, with stringers dirty gray sandy limestone

4860 4880 4900 4920 4940 4960 4980 5000 5020 5040 5060 5080 5100 5120 5140 5160 5180 5200 5220 5240 5260 5280 5300 5320 5340 5360 5380 5400 5420 5440

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

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

0 Total Gas (units) 600
0 C1 (units) 600
0 C2 (units) 600
0 C3 (units) 600
0 C4 (units) 600

DST #1

DST #2

data gap, geolograph stuck

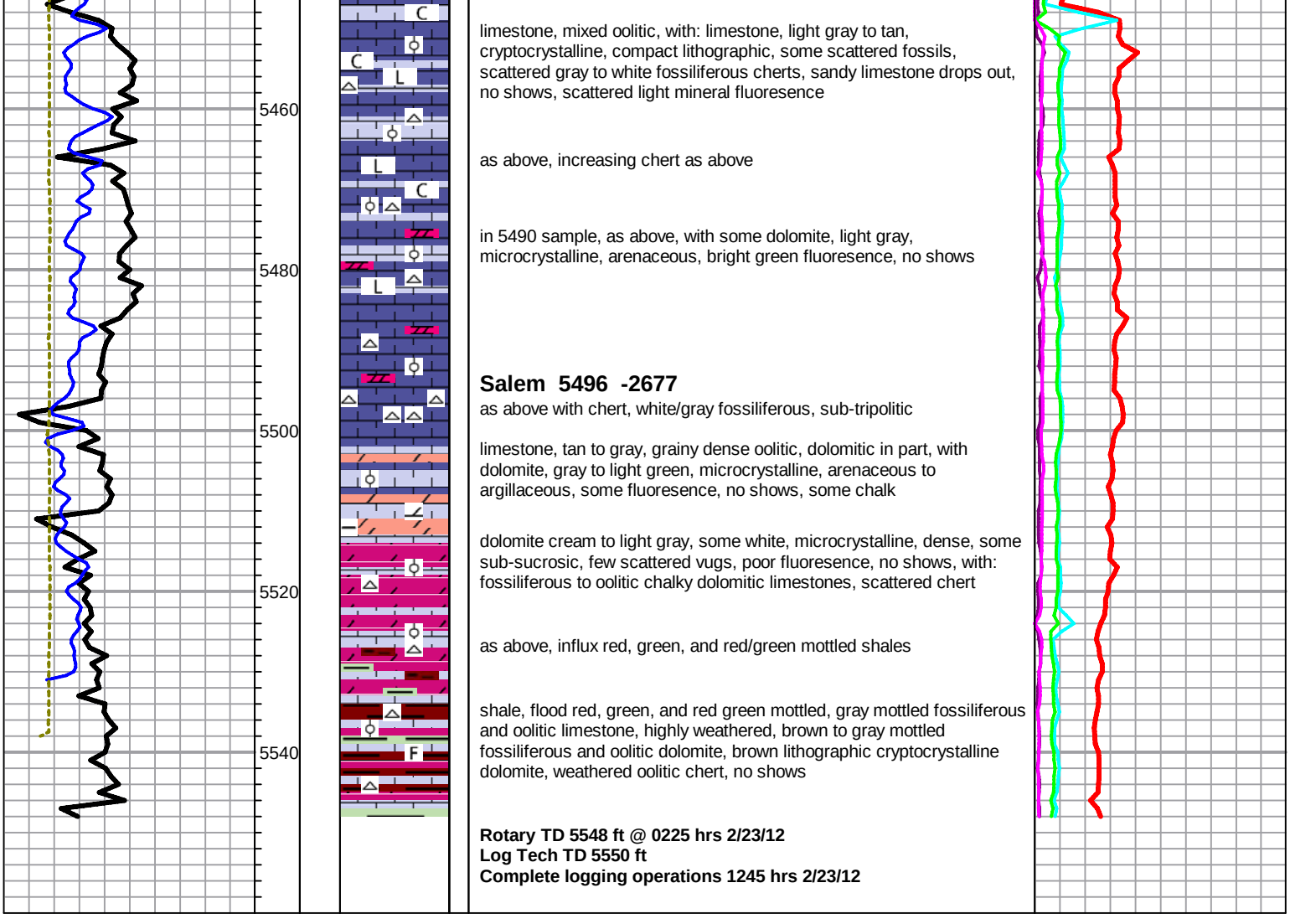
cfs @ 5127 ft.
0515 hrs 2/20/12

data gap, geolograph stuck

data gap, geolograph stuck

cfs @ 5335 ft
0830 hrs 2/21/12

cfs @ 5364 ft
2250 hrs 2/21/12



limestone, mixed oolitic, with: limestone, light gray to tan, cryptocrystalline, compact lithographic, some scattered fossils, scattered gray to white fossiliferous cherts, sandy limestone drops out, no shows, scattered light mineral fluoresence

as above, increasing chert as above

in 5490 sample, as above, with some dolomite, light gray, microcrystalline, arenaceous, bright green fluoresence, no shows

Salem 5496 -2677

as above with chert, white/gray fossiliferous, sub-tripolitic

limestone, tan to gray, grainy dense oolitic, dolomitic in part, with dolomite, gray to light green, microcrystalline, arenaceous to argillaceous, some fluoresence, no shows, some chalk

dolomite cream to light gray, some white, microcrystalline, dense, some sub-sucrosic, few scattered vugs, poor fluoresence, no shows, with: fossiliferous to oolitic chalky dolomitic limestones, scattered chert

as above, influx red, green, and red/green mottled shales

shale, flood red, green, and red green mottled, gray mottled fossiliferous and oolitic limestone, highly weathered, brown to gray mottled fossiliferous and oolitic dolomite, brown lithographic cryptocrystalline dolomite, weathered oolitic chert, no shows

Rotary TD 5548 ft @ 0225 hrs 2/23/12
Log Tech TD 5550 ft
Complete logging operations 1245 hrs 2/23/12

BASIC℠
ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer	Lease No.	Date
[illegible] Exploration		2-23-12

Lease	Well #	Service Receipt
Kenneth Dirks	2-8	1717 62618

Casing	Depth	County	State
5½ 15.5#	5306 [illegible]	Gray	Ks

Job Type	Formation	Legal Description
[illegible]		2-28-30 [illegible]

Pipe Data

Casing size		Tubing Size	
Depth		Depth	
Volume		Volume	
Max Press		Max Press	
Well Connection		Annulus Vol.	
Plug Depth		Packer Depth	

Perforating Data

Shots/Ft

From	To
From	To
From	To
From	To
From	To
From	To

Cement Data

Lead

[illegible]

Tail in

Time	Casing Pressure	Tubing Pressure	Bbls. Pumbed	Rate	Service Log
22:30					On loc. / Held Safety Meeting
					Rig Laying Down D.P.
04:00					Start Csg
10:45					Csg. on Bottom Circ. w/ Rig
					Ran 5306' [illegible] 5½ 15.5# w/ [illegible]
11:35	3000				Test Pump + lines
11:37	200		5	3	Start Fresh H2O
11:39	250		12	4	Start Super Flush II
11:43	[illegible]		5	4	Start Fresh H2O
11:46					Shutdown
11:48	100		5	2.5	Plug Mouse Hole w/ [illegible]
11:5[illegible]	100		7	2.5	Plug Rat Hole w/ 30sk @ 15.1#
11:5[illegible]					Shutdown + [illegible] 5½
11:57	40		20	6	Start [illegible]
12:04	0				Shutdown + Wash up + Drop Plug
12:11	150		0	6.5	Start Disp. w/ Fresh H2O
12:27	450		124	4	Slow Rate
12:28	1200		126	4	Bump Plug
12:31	0			0	Release / Float Held
12:45					End Job
	450				Pressure Before Plug landed

Service Units	21755	[illegible]	[illegible]			
Driver Names	Cochran	[illegible]	Vasquez			

Chuck
Customer Representative

J. Bennett
Station Manager

[illegible] Cochran
Cementer

Taylor Printing, Inc.

ALLIED CEMENTING CO., INC.

Federal Tax I.D.# 48-0727860

27158

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

SERVICE POINT: LIBERAL KS

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
2-13-12	8	28	30W			8:00 AM	10:00 AM
LEASE KENNETH DICK	WELL # 2-8	LOCATION Copland KS N on Rd 2 ½ E Into				COUNTY Gray	STATE KS
OLD OR NEW (Circle one)							

CONTRACTOR VAL #1
TYPE OF JOB 8 5/8 SURFACE
HOLE SIZE 12¼ T.D. 1829
CASING SIZE 8 5/8 DEPTH 1827
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX 1000 PSI MINIMUM 0
MEAS. LINE SHOE JOINT 40.82'
CEMENT LEFT IN CSG. 40.82
PERFS.
DISPLACEMENT 114.2 BBL

OWNER SAME

EQUIPMENT

PUMP TRUCK #470/484 CEMENTER R Ryan
HELPER LENNY
BULK TRUCK #457/251 DRIVER CEASAR
BULK TRUCK #472/467 DRIVER ANGEL

REMARKS:

THANK YOU
CIRC CMT TO SURFACE

CHARGE TO: FALCON Exp
STREET
CITY STATE ZIP

CEMENT

AMOUNT ORDERED 675 65/35 6% GEL 3% CC ¼ FLOSEAL
150 A 3% CL ¼ FLOSEAL 2% GEL

COMMON	150	@ 16.25	2437.50
POZMIX		@	
GEL	3SK	@ 21.25	63.75
CHLORIDE	2-3SK CC	@ 58.20	1571.40
ASC		@	
	675 LITE	@ 15.00	10,125.00
		@	
	FLOSEAL 169LB	@ 2.70	456.30
		@	
		@	
	Stand-by 8 hrs	@ 400.00	N/C
		@	
		@	
HANDLING	867	@ 2.25	1934.50
MILEAGE	5¢ x mix x 11		1741.00
		TOTAL	21334.45

SERVICE

DEPTH OF JOB	1827'		
PUMP TRUCK CHARGE			1925.00
EXTRA FOOTAGE		@	
MILEAGE	100 mi	@ 7.00	700.00
MANIFOLD + Head		@ 200.00	200.00
CTU 1 mi 100m		@ 4.00	400.00
		@	
		TOTAL	3225.00

PLUG & FLOAT EQUIPMENT

8 5/8

1 - Guide Shoe	@		394.00
6 Basket	@	478.00	2868.00
6 Centralizer	@	64.00	384.00
2 - AFU	@	387.00	164.00
1 - Top Rug 5-W	@		111.00
	TOTAL		4522.00

TAX
TOTAL CHARGE 29081.45
DISCOUNT IF PAID IN 30 DAYS

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

CHUCK
PRINTED NAME