Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1271096

Form ACO-1
November 2016
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34318
Name: BEREXCO LLC
Address 1: 2020 N. Bramblewood
Address 2:
City: Wichita State: KS Zip: 67206 + 1094
Contact Person: Bruce Meyer
Phone: (316) 265-3311
CONTRACTOR: License # 33493
Name: American Eagle Drilling LLC
Wellsite Geologist: Jeff Lawler
Purchaser: Central Crude Corporation

Designate Type of Completion:
☑ New Well ☐ Re-Entry ☐ Workover
☑ Oil ☐ WSW ☐ SWD
☐ Gas ☐ DH ☐ EOR
☐ OG ☐ GSW
☐ 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 EOR ☐ Conv. to SWD
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ EOR Permit #:
☐ GSW Permit #:

08/04/2015 Spud Date or Recompletion Date
08/11/2015 Date Reached TD
09/09/2015 Completion Date or Recompletion Date

API No.: 15-167-24034-00-00
Spot Description:
NW - SW - SW - SE Sec. 30 Twp. 14 S. R. 14 ☐ East ☑ West
470 Feet from ☐ North / ☑ South Line of Section
2555 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: Russell
Lease Name: SC Unit Well #: 1-30
Field Name: Gorham
Producing Formation: Arbuckle
Elevation: Ground: 1770 Kelly Bushing: 1777
Total Vertical Depth: 3280 Plug Back Total Depth: 3226
Amount of Surface Pipe Set and Cemented at: 798 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: 86000 ppm Fluid volume: 600 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: 11/12/2015
☑ **Confidential Release Date:** 11/11/2017
☑ **Wireline Log Received** ☐ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 11/13/2015

[redacted]

1271096

Operator Name: BEREXCO LLC Lease Name: SC Unit Well #: 1-30

Sec. 30 Twp. 14 S. R. 14 ☐ East ☑ West County: Russell

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

Geolgist Report / Mud Logs ☐ 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	23	798	Lite & Common	390	2%gel, 3% CC
Production	7.875	5.50	15.5	3276	65/35 POZ, ASC	320	6%gel, 1/4# cellophane flakes, 6% salt, 6

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	-			
	-			

1. Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☑ No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/ Injection: 09/09/2015

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	12	0	135		

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)*

PRODUCTION INTERVAL:

Top	Bottom
3208 - 3211	

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*

TUBING RECORD: Size: 2.875 Set At: 3221 Packer At: no packer

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	SC Unit 1-30
Doc ID	1271096

All Electric Logs Run

Radiation Guard Log
Dual Induction Log
Microresistivity Log
Dual Compensated Porosity Log

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	SC Unit 1-30
Doc ID	1271096

Tops

Name	Top	Datum
Anhydrite	785	+988
Anhydrite (base)	824	+953
Topeka	2675	-898
Heebner	2897	-1120
Toronto	2913	-1136
LKC	2954	-1177
BKC	3188	-1411
Arbuckle	3191	-1414
RTD	3280	-1503
LTD	3279	-1502

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	SC Unit 1-30
Doc ID	1271096

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	798	Lite & Common	390	2%gel, 3% CC
Production	7.875	5.50	15.5	3276	65/35 POZ, ASC	320	6%gel, 1/4# cellophane flakes, 6% salt, 6#/sack Kolseal

ALLIED OIL & GAS SERVICES, LLC 055075

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Russell

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
8-5-15	30	14	14	5:30pm	6:00pm	7:30pm	8:30

LEASE	WELL #	LOCATION	COUNTY	STATE
SC Unit	1	Russell - South to 4 corners	Russell	KS

OLD OR NEW (Circle one) 3 West To Opin Range South West Into

CONTRACTOR American Eagle
TYPE OF JOB Surface
HOLE SIZE 12¼ T.D. 800
CASING SIZE 8 5/8 DEPTH
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 25
PERFS.
DISPLACEMENT 50 bbl

OWNER

EQUIPMENT

PUMP TRUCK CEMENTER Orlando # 409
HELPER Yarborough
BULK TRUCK # 410 DRIVER Griffin
BULK TRUCK # 378 DRIVER Worth

CEMENT

AMOUNT ORDERED Lite Wate 240sks
Common 150sks

COMMON	150sks @	17.90	2685.00
POZMIX	@		
GEL	@		
CHLORIDE	627 lb @	1.10	689.70
ASC	@		
Allied light weight	@		
240sks	@	19.88	4771.20
	@		
Cellflake	60lb @	2.97	178.20
	@		
Chloride	423 lb @	1.10	465.30
	@		
	@		
HANDLING	436 cuft @	2.48	1081.28
MILEAGE	187 tm @	2.75	514.25
	TOTAL		

materials 8789.40
Disc 1318.92

REMARKS:

SERVICE

DEPTH OF JOB 811
PUMP TRUCK CHARGE 2058.50
EXTRA FOOTAGE @
MILEAGE 10mi @ 7.70 77.00
MANIFOLD @
LVM 10 @ N/C
@

Disc 1790.90 TOTAL 373.03

CHARGE TO: Beretta
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

~~Guide Shoe~~ AFU Float Collar			
Guide Shoe 1ea	@ 410.00		410.00
Baffle Plate 1ea	@ 320.00		320.00
Top Rubber Plug 1ea	@ 131.00		131.00
Centralizers 2ea	@ 75.00		150.00
	@		

Disc 509.28 TOTAL 1061.02

To: Allied Oil & Gas Services, 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.

SALES TAX (If Any)
TOTAL CHARGES 13,581.43
DISCOUNT 6519.09 IF PAID IN 30 DAYS
Net 7062.34

PRINTED NAME
SIGNATURE

ALLIED OIL & GAS SERVICES, LLC

CEMENTING LOG

STAGE NO.

Date 8-5-15 District Russell Ticket No. 55075
Company Berexco Rig American Eagle
Lease SC Unit Well No. 1
County Russell State KS
Location Russell South to A Corner Field
RD - 3 West - South Thru Open Range Towell 32 cc 1/4 Cell Lake

CASING DATA: Conductor ☐ PTA ☐ Squeeze ☐ Misc ☐
Surface ☑ Intermediate ☐ Production ☐ Liner ☐
Size 8 5/8 Type J-55 Weight 23 Collar

Casing Depths: Top Bottom

Drill Pipe: Size 4 1/2 Weight Collars
Open Hole: Size 12 1/4 T.D. ft. P.B. to ft.

CAPACITY FACTORS:
Casing: Bbls/Lin. ft. .0636 Lin. ft./Bbl.
Open Holes: Bbls/Lin. ft. Lin. ft./Bbl.
Drill Pipe: Bbls/Lin. ft. Lin. ft./Bbl.
Annulus: Bbls/Lin. ft. .2355 Lin. ft./Bbl.
Bbls/Lin. ft. Lin. ft./Bbl.
Perforations: From ft. to ft. Amt.

CEMENT DATA:
Spacer Type:
Amt. Sks Yield ft³/sk Density PPG

LEAD: Pump Time hrs. Type Lightweight
Amt. 240 Sks Yield 1.97 ft³/sk Density 12.5 PPG
TAIL: Pump Time hrs. Type Common
32 cc Excess 100
Amt. 150 Sks Yield 1.33 ft³/sk Density 14.9 PPG
WATER: Lead gals/sk Tail gals/sk Total Bbls.

Pump Trucks Used 419
Bulk Equip. 410
378

Float Equip: Manufacturer Industrial Rubber
Shoe: Type 8 5/8 Guide Shoe Depth
Float: Type Baffle Depth
Centralizers: Quantity 2 Plugs Top Btm.
Stage Collars
Special Equip.
Disp. Fluid Type Amt. Bbls. Weight PPG
Mud Type Weight PPG

COMPANY REPRESENTATIVE CEMENTER Steve Orlando

TIME AM/PM	PRESSURES PSI DRILL PIPE CASING	ANNULUS	FLUID PUMPED DATA TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	REMARKS
6:00 pm						On location - Safety Meeting
						Run 19 jts 8 5/8 23# Casing
						Centralizers on 1st
						Casing on Bottom - Break Circ w/ Rig
1:30 pm	300		84		4	Mix 240 sks Lightweight @ 12.5#
	250		35 1/2		4	Mix 150 sks Common @ 14.9#
						Shut Down - Release Plug
	0		0		5	Start H2O Displacement
	300		90		4	Cement TO Surface
8:30 pm	300		50		3	Plug Down - Close in Wellhead
						Circulation Thru Job
						Circulated 30 bbls to pit
						Job Complete
						Thanks, Steve

FINAL DISP. PRESS: 300 PSI BUMP PLUG TO 300 PSI BLEEDBACK 0 BBLS. THANK YOU

MILLER PRINTERS, INC. - Great Bend, KS

ALLIED OIL & GAS SERVICES, LLC 055076

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Russell

DATE 8-11-15	SEC 30	TWP. 14	RANGE 14	CALLED OUT 11:00	ON LOCATION 11:00	JOB START 5:00 AM	JOB FINISH 6:00 AM
LEASE S. Unit	WELL # 1		LOCATION Russell South to 4 corners 2 3/4 West + South + West Into Open Range			COUNTY Russell	STATE KS
OLD OR (NEW) (Circle one)							

CONTRACTOR

TYPE OF JOB 5 1/2 Long String

HOLE SIZE 7 7/8 T.D. 3274

CASING SIZE 5 1/2 DEPTH 3278

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 2000 MINIMUM

MEAS. LINE SHOE JOINT 86

CEMENT LEFT IN CSG. 86'

PERFS.

DISPLACEMENT

OWNER

EQUIPMENT

PUMP TRUCK # 447 CEMENTER Orlando
HELPER Yakubovich

BULK TRUCK # 858 DRIVER Griffith

BULK TRUCK # DRIVER

CEMENT

AMOUNT ORDERED 150 sks ASC A
195 sks Lite weight

COMMON		@		
POZMIX		@		
GEL		@		
CHLORIDE		@		
ASC		@		
150 sks Lite weight		@	19.88	2982.00
45 sks Lite weight		@	19.88	894.60
150 sks ASC		@	23.50	3526.00
cellflakes	384#	@	2.97	112.86
cellflakes	12#	@	2.97	35.64
Kol Seal	900#	@	.98	882.00
		@		
		@		
HANDLING	414 cuft	@	2.48	1026.72
MILEAGE	175 Tons		2.25	481.25
			TOTAL	

8432.10
4049.41 Disc
Tax

REMARKS:

SERVICE

DEPTH OF JOB	3278			2558.75
PUMP TRUCK CHARGE				
EXTRA FOOTAGE		@		
MILEAGE	10	@	7.20	72.00
MANIFOLD LV	5	@		N/C
Derrick Charge		@		577.50
		@		

HV

Disc 2266.19 TOTAL 4721.22

CHARGE TO: Berexco

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

A.F. Float Shoe	1	@	545.00	545.00
Turbolizers	13	@	95.00	1235.00
Baskets	2	@	395.00	790.00
Stop Ring	2	@	34.00	68.00
Latch Down Plug + Baffle	1	@	660.00	660.00

Disc 1583.04 TOTAL 3298.00

To: Allied Oil & Gas Services, 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.

SALES TAX (If Any)

TOTAL CHARGES 16,451.32

DISCOUNT 7896.64 IF PAID IN 30 DAYS

Net 8554.68

PRINTED NAME

SIGNATURE Dennis Kinney

ALLIED OIL & GAS SERVICES, LLC

CEMENTING LOG

WOCFLC

STAGE NO.

Date 8-11-15 District Russell Ticket No. 55076
Company Berexco
Lease S.C. Unit Well No. 1
County Russell State KS
Location Russell - South To Field
4 corners RD - 2 3/4 W - South Into
CASING DATA: Conductor ☐ PTA ☐ Squeeze ☐ Misc ☐
Surface ☐ Intermediate ☐ Production ☑ Liner ☐
Size 5½ Type J-55 Weight 15.5 Collar
78
TD 3280
Casing Depths: Top Bottom 3276
3198 B-Pile
Drill Pipe: Size Weight Collars
Open Hole: Size T.D. ft. P.B. to ft.

CAPACITY FACTORS:

Casing:	Bbls/Lin. ft.	Lin. ft./Bbl.
Open Holes:	Bbls/Lin. ft.	Lin. ft./Bbl.
Drill Pipe:	Bbls/Lin. ft.	Lin. ft./Bbl.
Annulus:	Bbls/Lin. ft.	Lin. ft./Bbl.
	Bbls/Lin. ft.	Lin. ft./Bbl.

Perforations: From ft. to ft. Amt.

CEMENT DATA:
Spacer Type:
Amt. Sks Yield ft³/sk Density PPG
LEAD: Pump Time hrs. Type Common
Excess
Amt. 150 Sks Yield ft³/sk Density PPG
TAIL: Pump Time hrs. Type Common
Excess
Amt. 150 Sks Yield ft³/sk Density PPG
WATER: Lead gals/sk Tail gals/sk Total Bbls.
Pump Trucks Used 447
Bulk Equip. 958
Float Equip: Manufacturer Weatherford / IR
Shoe: Type 5½ AFU Depth
Float: Type Depth
Centralizers: Quantity 13 Plugs Top Btm.
Stage Collars
Special Equip. Stop collars 2
Disp. Fluid Type H2O Amt. Bbls. Weight 8.33 PPG
Mud Type Weight PPG

COMPANY REPRESENTATIVE Dennis
CEMENTER Steve Orlando

TIME AM/PM	PRESSURES PSI DRILL PIPE CASING	ANNULUS	FLUID PUMPED DATA TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	REMARKS
11:00PM	8-10-15					On location
12:45AM	8-11-15					Run 77 jts 5½ 15.5# Casing
						Centralizers 1-2-3-4-5-7-8-9-10
						12-14-19-21 Insert FT #2
						Basket 3-6 Stop Clamps 1 & 3
						Casing On Bottom - Break Circ w/Rig
						1 hour Circulate
5:00AM	100		60		5	mix 150 sks Lite Cement @
	100				6	12# 1.6 cf
	100		42		5	mix 150 sks ASC A Cement @ 14.8#
						Shut Down - Clear pump & line
	0		0			
	250		42		6	Start H2O Displacement
	450		70		5	Lift pressure
					4	Slow Rate
6:00	700		76		4	plug Down - Hold
						Job Complete
						Circulation Thru Job
						Plug RH w 30/sks
						Run 150 sks Scavenger Allied

FINAL DISP. PRESS: 700 PSI BUMP PLUG TO 1500 PSI BLEEDBACK 1/2 BBLS. THANK YOU

MILLER PRINTERS, INC. - Great Bend, KS

DRILL STEM TEST REPORT

Berexco LLC

2020 N Bromblew ood
Wichita, KS 67206

ATTN: Jeff Law ler

Sec. 30-14s-14w Russell,KS

SC Unit #1-30

Job Ticket: 61640 **DST#: 1**

Test Start: 2015.08.09 @ 10:11:00

GENERAL INFORMATION:

Formation: **Toronto-LKC "C"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:43:00
Time Test Ended: 19:13:40

Test Type: Conventional Bottom Hole (Initial)
Tester: Phillip Gage
Unit No: 77

Interval: 2898.00 ft (KB) To 3012.00 ft (KB) (TVD)
Total Depth: 3012.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

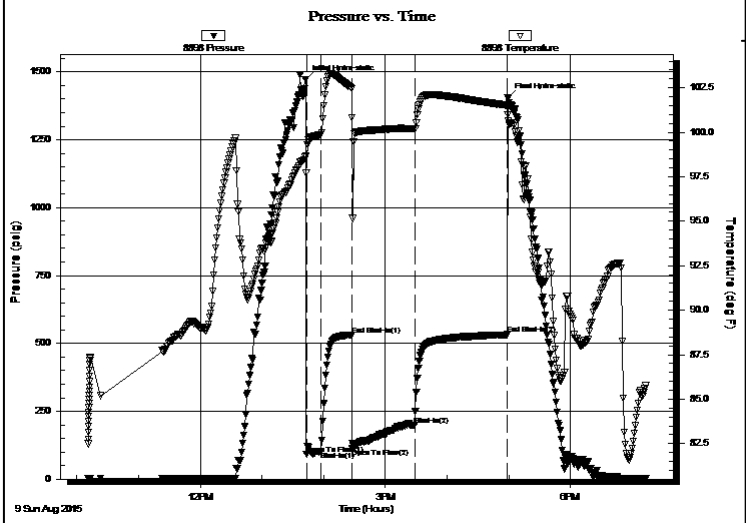
Reference Elevations: 1775.00 ft (KB)
1770.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8898 **Outside**

Press@RunDepth: 197.75 psig @ 2899.00 ft (KB)
Start Date: 2015.08.09 End Date: 2015.08.09
Start Time: 10:11:01 End Time: 19:13:40

Capacity: 8000.00 psig
Last Calib.: 2015.08.09
Time On Btm: 2015.08.09 @ 13:42:50
Time Off Btm: 2015.08.09 @ 16:58:50

TEST COMMENT: 15-IF-BOB in 2 mins
30-ISI-BOB in 10 mins.
60-FF-BOB instantly
90-FSI-BOB in 9 mins, died back to 6"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1472.83	98.68	Initial Hydro-static
1	91.62	97.72	Open To Flow (1)
15	102.28	99.85	Shut-In(1)
45	530.92	102.47	End Shut-In(1)
45	112.13	100.82	Open To Flow (2)
106	197.75	100.19	Shut-In(2)
196	534.43	101.52	End Shut-In(2)
197	1405.69	100.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
126.00	SOMCG, 10%o, 30%m, 60%g	1.49
252.00	VSOCM, 98%m, 2%o	3.53
73.00	M, w ith oil spots, 100%m	1.02
0.00	GIP-2434'	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	0.00	22.84
Last Gas Rate	0.25	9.00	37.12
Max. Gas Rate	0.25	9.00	37.12

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

2020 N Bromblew ood
Wichita, KS 67206

ATTN: Jeff Law ler

Sec. 30-14s-14w Russell,KS

SC Unit #1-30

Job Ticket: 61640 **DST#: 1**

Test Start: 2015.08.09 @ 10:11:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	60.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.99 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3000.00 ppm				
Filter Cake:	1.50 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
126.00	SOMCG, 10%o, 30%m, 60%g	1.494
252.00	VSOCM, 98%m, 2%o	3.535
73.00	M, w ith oil spots, 100%m	1.024
0.00	GIP-2434'	0.000

Total Length: 451.00 ft Total Volume: 6.053 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

DRILL STEM TEST REPORT

GAS RATES

Berexco LLC

2020 N Bromblew ood
Wichita, KS 67206

ATTN: Jeff Law ler

Sec. 30-14s-14w Russell,KS

SC Unit #1-30

Job Ticket: 61640 **DST#: 1**

Test Start: 2015.08.09 @ 10:11:00

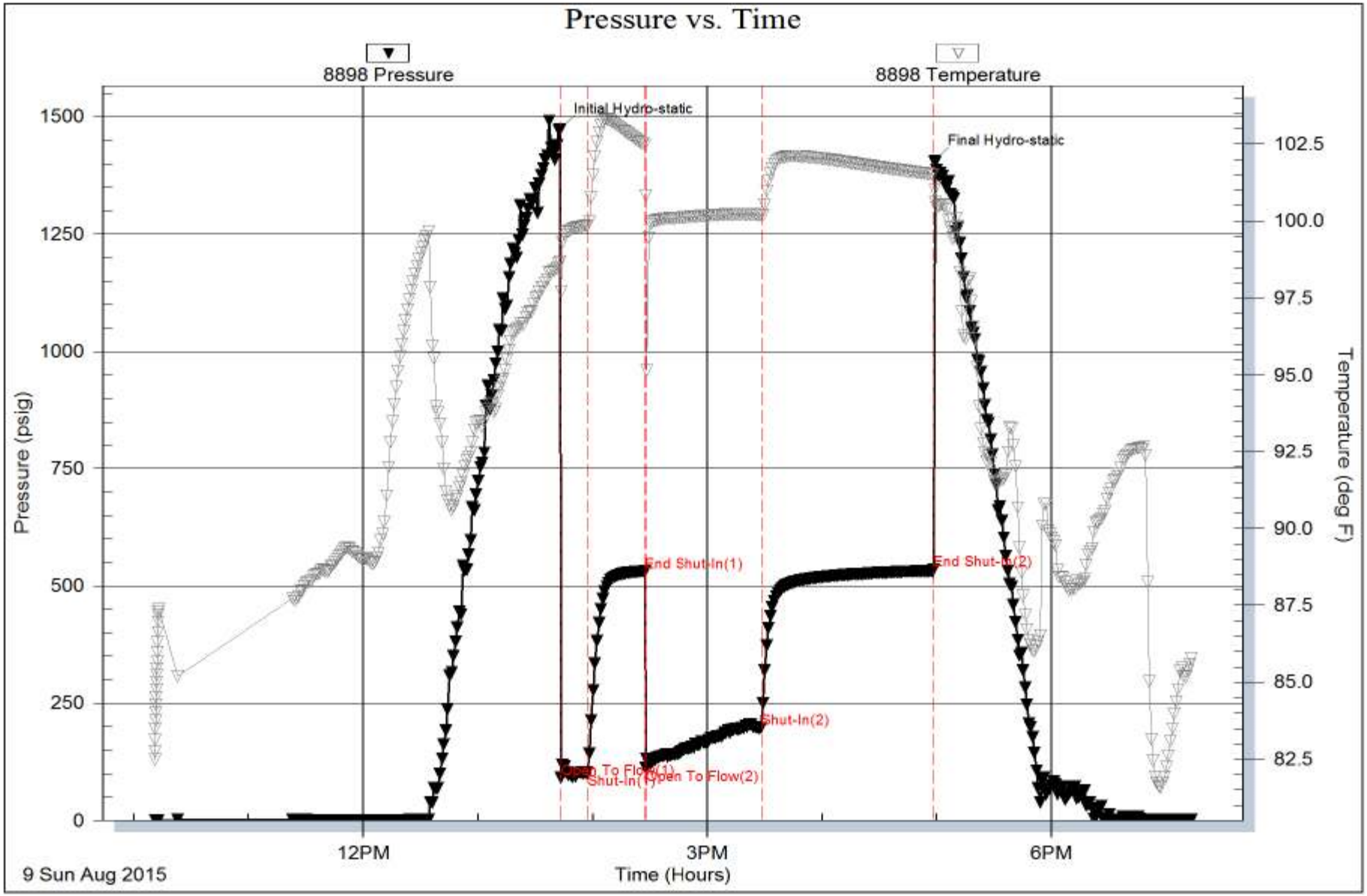
Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
60	10	0.25	0.00	22.84
60	10	0.25	7.00	33.95
60	10	0.25	8.00	35.54
60	10	0.25	9.00	37.12
60	10	0.25	9.00	37.12
60	10	0.25	9.00	37.12

Serial #: 8898 **Outside** Berexco LLC SC Unit #1-30 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 61640 Printed: 2015.08.09 @ 19:38:20

DRILL STEM TEST REPORT

Berexco LLC

2020 N Bromblew ood
Wichita, KS 67206

ATTN: Jeff Law ler

Sec. 30-14s-14w Russell,KS

SC Unit #1-30

Job Ticket: 61641 **DST#: 2**

Test Start: 2015.08.10 @ 04:10:00

GENERAL INFORMATION:

Formation: **LKC "D-G"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:23:39
Time Test Ended: 15:39:10

Test Type: Conventional Bottom Hole (Reset)
Tester: Phillip Gage
Unit No: 77

Interval: 3015.00 ft (KB) To 3090.00 ft (KB) (TVD)
Total Depth: 3090.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

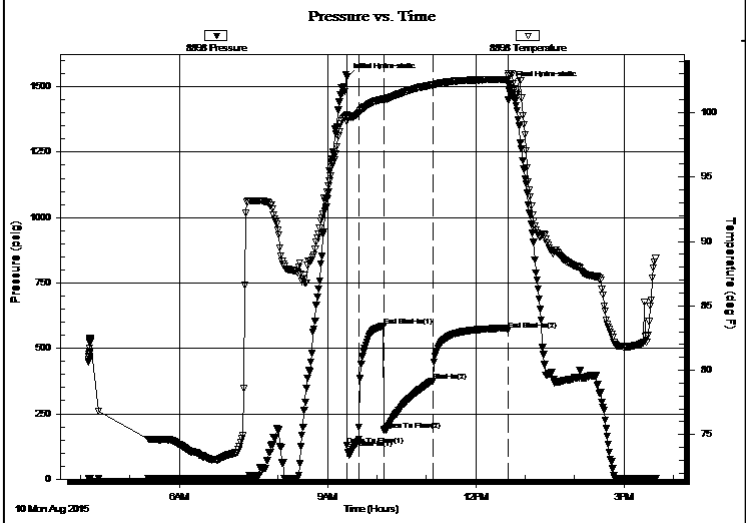
Reference Elevations: 1775.00 ft (KB)
1770.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8898 **Outside**

Press@RunDepth: 376.48 psig @ 3016.00 ft (KB)
Start Date: 2015.08.10 End Date: 2015.08.10
Start Time: 04:10:01 End Time: 15:39:10

Capacity: 8000.00 psig
Last Calib.: 2015.08.10
Time On Btm: 2015.08.10 @ 09:23:30
Time Off Btm: 2015.08.10 @ 12:40:09

TEST COMMENT: 15-IF-BOB in 1 min.
30-ISI-BOB in 4 mins, Gas to Surface.
60-FF-BOB in 30 seconds.
90-FSI-BOB in 4 mins.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1537.06	99.84	Initial Hydro-static
1	128.85	99.31	Open To Flow (1)
15	151.87	99.97	Shut-In(1)
45	585.29	101.07	End Shut-In(1)
46	186.08	101.00	Open To Flow (2)
105	376.48	102.16	Shut-In(2)
196	570.59	102.56	End Shut-In(2)
197	1506.01	103.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	SOGCM, 10%o, 40%g, 50%m	0.61
63.00	GOCM, 20%g, 30%o, 50%m	0.88
1008.00	GO, 40%g, 60%o	14.14
0.00	GIP- 1827'	0.00

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

2020 N Bromblew ood
Wichita, KS 67206

ATTN: Jeff Law ler

Sec. 30-14s-14w Russell,KS

SC Unit #1-30

Job Ticket: 61641 **DST#: 2**

Test Start: 2015.08.10 @ 04:10:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	30 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	51.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.79 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5800.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	SOGCM, 10%o, 40%g, 50%m	0.610
63.00	GOCM, 20%g, 30%o, 50%m	0.884
1008.00	GO, 40%g, 60%o	14.140
0.00	GIP- 1827'	0.000

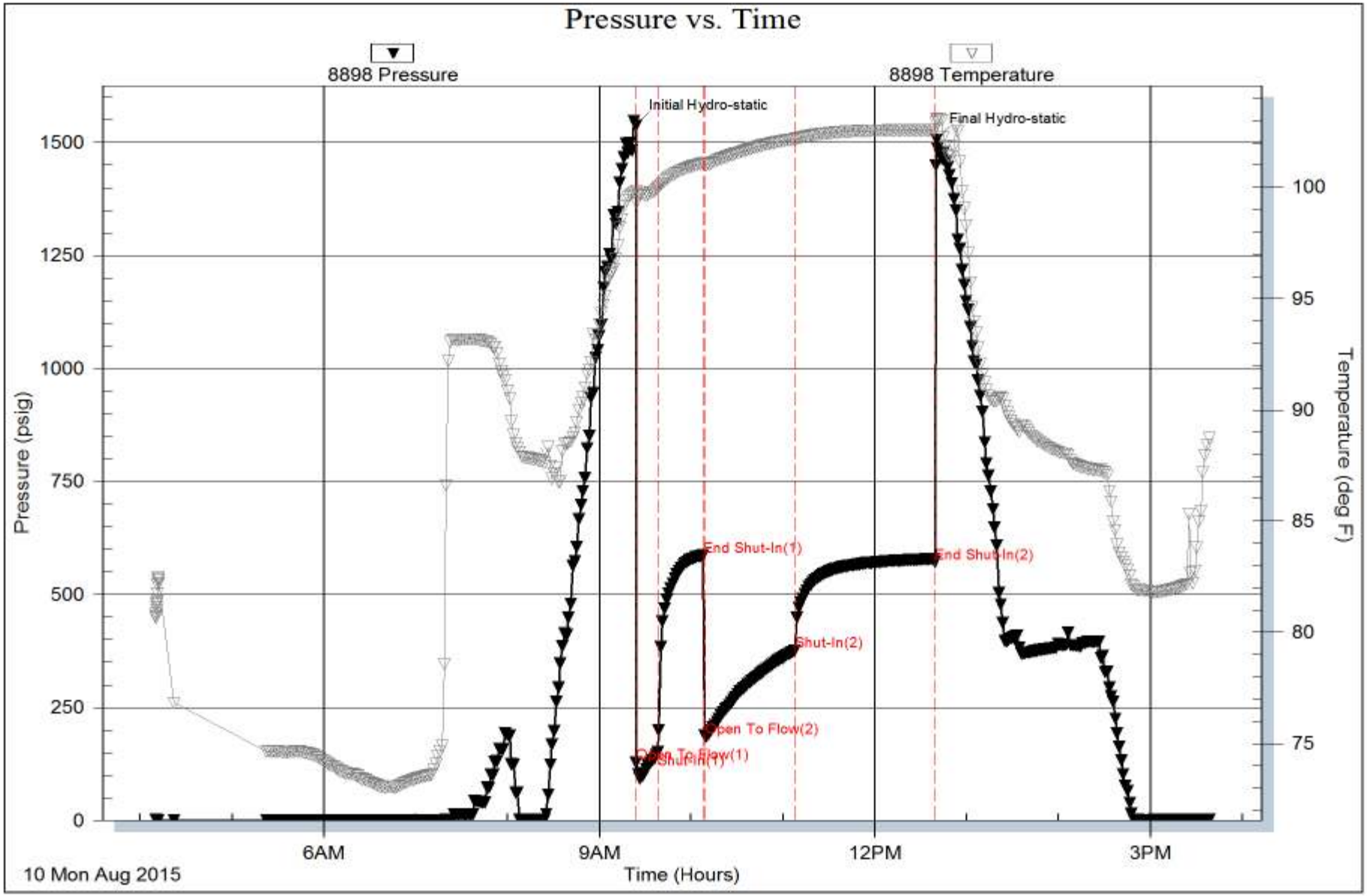
Total Length: 1134.00 ft Total Volume: 15.634 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 8898 **Outside** Berexco LLC SC Unit #1-30 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 61641 Printed: 2015.08.10 @ 16:56:48

BEREXCO

Scale 1:240 Imperial

Well Name:	SC UNIT #1-30		
Surface Location:	NW SW SW SE Sec. 30 - 14S - 14W		
Bottom Location:			
API:	15-167-24034		
License Number:	34318		
Spud Date:	8/4/2015	Time:	8:45 PM
Region:	RUSSELL COUNTY KANSAS		
Drilling Completed:	8/10/2015	Time:	5:56 AM
Surface Coordinates:	470' FSL & 2555' FEL		
Bottom Hole Coordinates:			
Ground Elevation:	1770.00ft		
K.B. Elevation:	1777.00ft		
Logged Interval:	2200.00ft	To:	3280.00ft
Total Depth:	3280.00ft		
Formation:	LANSING - KANSAS CITY; ARBUCKLE		
Drilling Fluid Type:	FRESH WATER / CHEMICAL GEL		

OPERATOR

Company:	BEREXCO, LLC		
Address:	2020 N. BRAMBLEWOOD WICHITA, KS 67206		
Contact Geologist:	BRUCE MEYER		
Contact Phone Nbr:	(316) 265-3311		
Well Name:	SC UNIT #1-30		
Location:	NW SW SW SE Sec. 30 - 14S - 14W		
API:	15-167-24034		
Pool:		Field:	GORHAM
State:	KANSAS	Country:	USA

SURFACE CO-ORDINATES

Well Type:	Vertical
Longitude:	-98.9190498
Latitude:	38.7997190
N/S Co-ord:	470' FSL
E/W Co-ord:	2555' FEL

LOGGED BY

BIG CREEK CONSULTING

Company:	BIG CREEK CONSULTING, INC.		
Address:	1909 MAPLE ELLIS, KS 67637		
Phone Nbr:	(785) 259-3737		
Logged By:	GEOLGIST	Name:	JEFF LAWLER / STEVE REED

CONTRACTOR

Contractor:	AMERICAN EAGLE DRILLING, LLC		
Rig #:	3		
Rig Type:	MUD ROTARY		
Spud Date:	8/4/2015	Time:	8:45 PM

Rig #:	3		
Rig Type:	MUD ROTARY		
Spud Date:	8/4/2015	Time:	8:45 PM
TD Date:	8/10/2015	Time:	5:56 AM
Rig Release:	8/12/2015	Time:	12:00 PM

ELEVATIONS

K.B. Elevation:	1777.00ft	Ground Elevation:	1770.00ft
K.B. to Ground:	7.00ft		

NOTES

BASED ON FAVORABLE RESULTS OF DST #2. THE DECISION WAS MADE TO SET 5 1/2" PRODUCTION CASING TO PRODUCE AND TEST FURTHER ZONES OF INTEREST.

RESPECTFULLY SUBMITTED BY:
STEVE REED

WELL COMPARISON SHEET

	SC UNIT 1-30				BEREXCO, LLC SOLBACH NORTH #4 SE NE SW NE 31-14-14				DARBY PETROLEUM CO. REXROAT #1 SW SE SW 30-14-14				BEREXCO, LLC HUMMEL #5 SW SW SW 30-14-14				P&A 8-05 OKMAR OIL CO. RUSCH #2 NE SW SE 30-14-14			
	KB 1777		GL 1770		KB 1788				KB 1758				KB 1790				KB 1775			
	LOG TOPS		SAMPLE TOPS		LOGS		LOG CORR.	SMPL. CORR.	COMP. CARD		LOG CORR.	SMPL. CORR.	COMP. CARD		LOG CORR.	SMPL. CORR.	COMP. CARD		LOG CORR.	SMPL. CORR.
FORMATION	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM			DEPTH	DATUM			DEPTH	DATUM			DEPTH	DATUM		
ANHYDRITE TOP	789	988	785	992	811	977	+ 11	+ 15	755	1003	- 15	- 11	799	991	- 3	+ 1	795	980	+ 8	+ 12
BASE	824	953	813	964	828	960	- 7	+ 4					834	956	- 3	+ 8	830	945	+ 8	+ 19
TOPEKA	2675	-898	2677	-900	2679	-891	- 7	- 9	2650	-892	- 6	- 8	2680	-890	- 8	- 10	2677	-902	+ 4	+ 2
HEEBNER SHALE	2897	-1120	2900	-1123	2901	-1113	- 7	- 10					2901	-1111	- 9	- 12	2900	-1125	+ 5	+ 2
TORONTO	2913	-1136	2918	-1141	2919	-1131	- 5	- 10					2920	-1130	- 6	- 11	2917	-1142	+ 6	+ 1
LKC	2954	-1177	2957	-1180	2960	-1172	- 5	- 8	2944	-1186	+ 9	+ 6	2960	-1170	- 7	- 10	2960	-1185	+ 8	+ 5
BKC	3188	-1411			3196	-1408	- 3													
ARBUCKLE	3191	-1414	3193	-1416	3200	-1412	- 2	- 4	3168	-1410	- 4	- 6	3195	-1405	- 9	- 11	3203	-1428	+ 14	+ 12
RTD			3280	-1503	3276	-1488		- 15	3215	-1457		- 46	3280	-1490		- 13	3207	-1432		- 71
LTD	3279	-1502											3282	-1492	- 10					

ROCK TYPES

- Dolprim
- Lmst fw<7
- Lmst fw7>
- shale, grn
- shale, gry
- Carbon Sh
- shale, red
- Ss

ACCESSORIES

MINERAL
- Glauconite
- P Pyrite
- Chert White
- Mc Mica
- Euhed rhombs of dol or

FOSSIL
- Crinoids
- F Fossils < 20%
- Oolite
- Oomoldic
- Fussilinid

STRINGER
- Chert
- Sandstone

TEXTURE
- C Chalky
- e Earthy

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

Printed by GEOstrip VC Striplog version 4.0.8.15 (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
Curve Track #3
1:240 Imperial

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

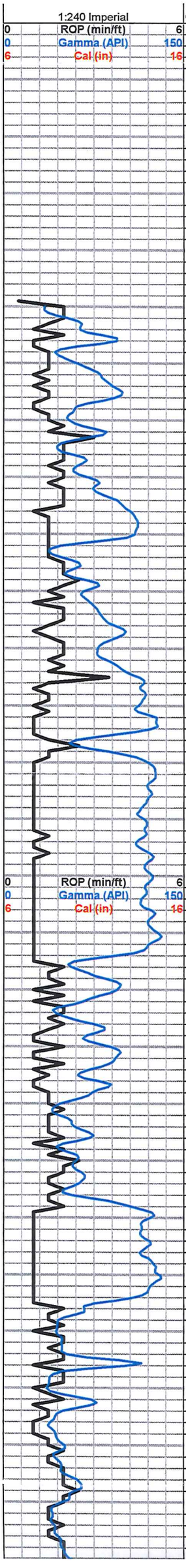
2460
2470
2480

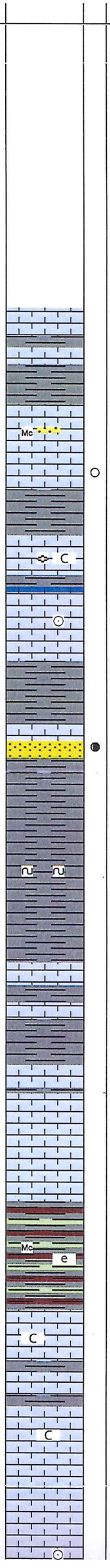
1' DRILL TIME THROUGH ANHYDRITE FROM 750' - 830'
1' DRILL TIME FROM 2500' - RTD
10' WET/DRY SAMPLES FROM 2500' - RTD

GEOLOGICAL SUPERVISION BY JEFF LAWLER/STEVE REED FROM 2500' - RTD

8 5/8" SURFACE PIPE SET @ 798' SURVEY 2 1/2 dgr.

ANHYDRITE TOP 785' (+992) E-LOG 789' (+988)





1:240 Imperial

1' DRILL TIME THROUGH ANHYDRITE FROM 750' - 830'
1' DRILL TIME FROM 2500' - RTD
10' WET/DRY SAMPLES FROM 2500' - RTD

GEOLOGICAL SUPERVISION BY JEFF LAWLER/STEVE REED FROM 2500' - RTD

8 5/8" SURFACE PIPE SET @ 798' SURVEY 2 1/2 dgr.

ANHYDRITE TOP 785' (+992) E-LOG 789' (+988)
ANHYDRITE BASE 813' (+964) E-LOG 824' (+953)

Sh- Lt & Drk Gray, silty & calcareous, abundant gummy argillaceous clumps & soft white chalk

Lm- Cream Tan, VFXLN, dense, well cemented, mix of high-energy Ls w/ fsl frag., poor to no vis. porosity, tight sl cherty Ls w/ min. vis. porosity, & tan gritty sl dolomitic Ls w/ consistent micro XLN porosity, all barren

Lm- A/A w/ interbedded gray shale benches & sl shaley fn grn Ss, sl unconsolidated, well sorted, micaceous, barren

Lm- Buff Cream, VF-FXLN, fsl, poorly dev. & chalky, loosely cemented, poor vis. porosity, mixed w/ some well cemented & tight, 2-3 PCS OF FROSTED/GRAY Ss, loosely cemented, sl shaley, WK SHEEN, LT STN, NSFO, NO ODR, WK HALO FLOR.

Lm- Cream Off White, FXLN, fsl w/ fusulinids, sl chalky in part, sctrd XLN porosity, clean & barren, interbedded calcareous gray shale lenses

Lm- Cream Tan, FXLN, fsl w/ crinoids, most loosely cemented & crumbly, some chalky in part, sctrd XLN & vry fn ppt porosity, barren

Lm- Tan Buff, VFXLN, dense, well cemented high-energy w/ fsl frag. poor vis. porosity, 2 PCS consolidated & mod. mature fn grn Ss, well sorted, friable, SCTD STN, TR FO, WK ODR,

TARK.jpg

Sh/Ss- Gray, dense & semi-waxy, arenaceous shale/shaley Ss

A/A- sl influx of cleaner more mature Ss, well sorted, spkld w/ gluaconite, mod. Ca cementation, consistent intergranular porosity, barren

Sh- Lt Gray, silty & micaceous, some calcareous

Lm- Cream Tan, VF-FXLN, dense, well cemented high-energy fsl Ls w/ poor vis. porosity

Lm- Buff Brown, VF-FXLN, dense, well cemented, tight & trashy, poor vis. porosity,

Lm- Cream, VFXLN, fsl, tight w/ poor vis. porosity, some w/ sctrd XLN porosity

Lm- A/A

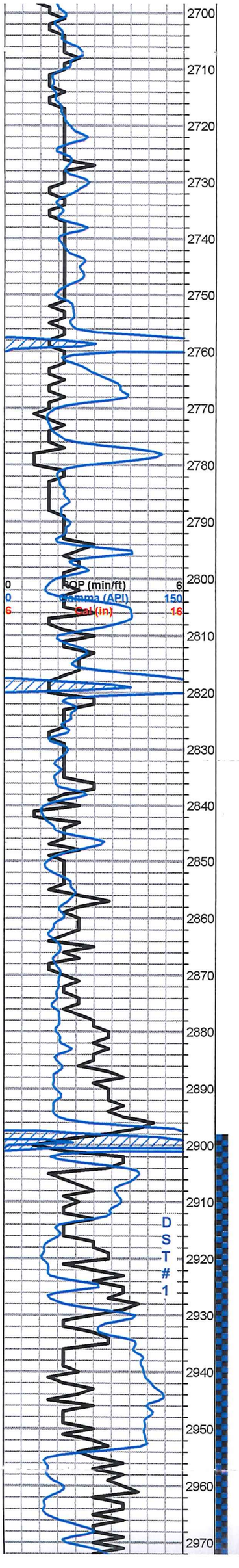
Sh- Gray Maroon Lm Green, silty & calcareous, some micaceous, some arenaceous, gritty & earthy, dense & crumbly

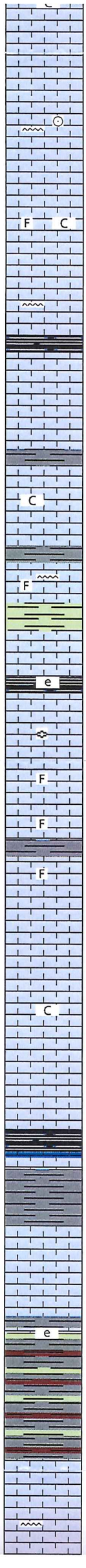
TOPEKA 2677' (-900) E-LOG 2675' (-898)
Lm- Cream Off White, VFXLN, dense, most well cemented lithographic Ls w/ vis. porosity, some chalky & crumbly and soft white chalk

Lm- Cream Off White, FXLN, dense, well cemented, fsl w/ sctrd XLN porosity, some chalky in part, all vry clean

Lm- Cream Buff, VF-FXLN, fsl, poorly dev, few pcs of sl cherty Ls, all w/ sctrd XLN porosity, barren

Lm- Gray Cream, mix of loosely cemented & crumbly, sl chalk, fsl w/ sctrd to dense XLN porosity, several pcs of fresh bedded gray fsl chert/cherty Ls w/a vis. porosity





chalky in part, all vry clean

Lm- Cream Buff, VF-FXLN, fsl, poorly dev, few pcs of sl cherty Ls, all w/ sctrd XLN porosity, barren

Lm- Gray Cream, mix of loosely cemented & crumbly, sl chalk, fsl w/ sctrd to dense XLN porosity, several pcs of fresh bedded gray fsl chert/cherty Ls w/o vis. porosity

Lm- Cream Off White, FXLN, fsl, poorly dev. w/ sctrd XLN porosity, semi-grainy

Lm- Cream Off White, FXLN, high-energy mix w/ fsl fragments, poor vis. porosity, some loosely cemented, chalky, & crumbly

Lm- Cream Off White, A/A, chalky & sl unconsolidated, few pcs of gray fresh bedded cherty Ls w/o vis. porosity

Sh- Black Maroon, fissile & carbonaceous, gritty & earthy

Lm- Cream Off White, FXLN Fn Grn, chalky loosely cemented mix of XLN & mud supported matrix, all mottled w/ poor vis. porosity, sctrd XLN porosity, FEW PCS W/ WK TR STN, NSFO, NO ODR

Lm- Cream Off White, VF-FXLN, dense, most well cemented, some chalky mud supported matrix, sctrd to dense XLN porosity, vry clean & barren

Lm- Cream Buff, FXLN, dense, well cemented, sl fsl, poorly dev. w/ sctrd XLN porosity, barren, few pcs of blk fsl fresh bedded chert

Sh- Gray Lm Green, silty & calcareous, dense & semi-waxy

Sh- Black Gray Maroon, fissile & carbonaceous, silty & soft, gritty & earthy

Lm- Cream Tan, FXLN, fsl, dense XLN porosity, semi-crumbly, barren, sctrd fn-med reXLN, barren, several loose fusulinids

Lm- Cream Tan, VFXLN, dense, well cemented, tight w/ min. vis. porosity, slick cherty like Ls, fsl

Lm- Gray Buff, VF-FXLN, dense, well cemented, poorly dev. w/ sctrd XLN porosity, fsl, barren

Lm- Cream Off White, FXLN, fsl, loosely cemented, dense reXLN & XLN porosity, SCTRD DRK STN, NSFO, WK ODR

Lm- Cream Off White, A/A sl better development w/ sctrd fn ppt porosity, SCTRD DRK STN, SL TR FO, WK-MOD ODR.

PLATTS...

Lm- Cream Off White, FXLN, fsl, poorly dev. & mostly tight w/ sctrd XLN porosity, barren, some soft white chalk

Lm- A/A

HEEBNER 2900' (-1123) E-LOG 2897' (-1120)
Sh- Black Gray, fissile & carbonaceous, silty & soft

Sh- Gray, silty & soft, some calcareous

TORONTO 2918' (-1141) E-LOG 2913' (-1136)
Lm- Cream Off White, VF-FXLN, dense, loosely cemented, some crumbly & mottled, sctrd to dense reXLN, XLN porosity, LT FLAKEY STN, NSFO, WK ODR

Sh- Gray Maroon Lm Green, gummy argillaceous clumps, gritty & earthy, soft & calcareous

Sh- A/A w/ arenaceous shale

LKC 2957' (-1180) E-LOG 2954' (-1177) Lm- Cream Tan, FXLN, mod. dev. w/ sctrd reXLN, XLN to sctrd ppt porosity, SUB-SAT LT STN, NSFO, WK ODR

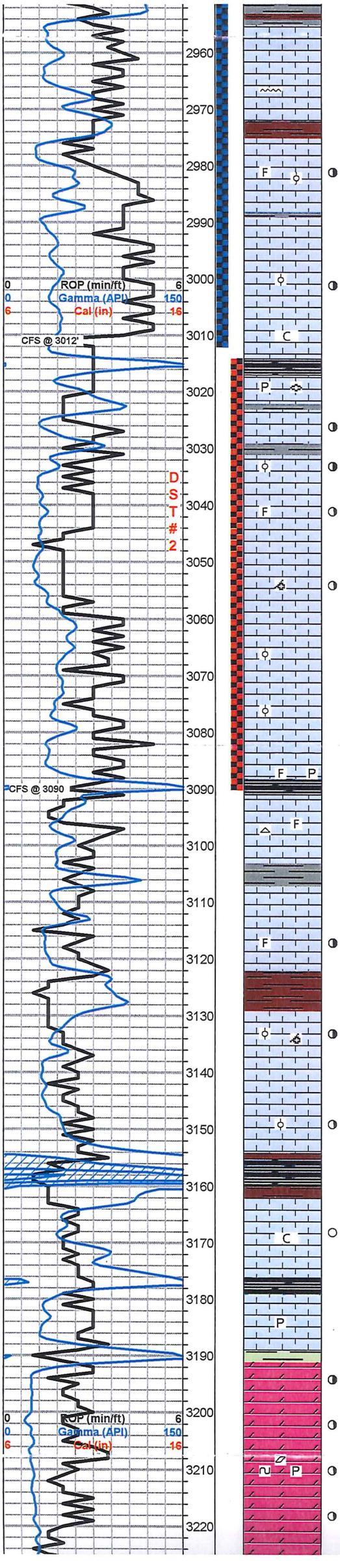
A.jpg

Lm- Cream Tan, VF-FXLN, dense, well cemented, poorly dev. & mostly tight, some sl cherty Ls, barren

SHORT TRIP
STRAP -2.93'
SURVEY 1 dgr.

DST #1
TOR - LKC D
15-30-60-90
451' TOTAL FLUID
2434' GIP
126' SOMCG
(10%O,30%M,60%G)
252' VSOCM
(2%O, 98%M)
73' M w/ OIL SPOTS
GAS: 22.84-37.12MCF
GAUGED EVERY 10 min.

IFP: 91-102#
FFP: 112-197#
SIP: 530-534#



LKC 2957' (-1180) E-LOG 2954' (-1177) Lm- Cream Tan, FXLN, mod. dev. w/ sctrd reXLN, XLN to sctrd ppt porosity, SUB-SAT LT STN, NSFO, WK ODR

A.jpg

Lm- Cream Tan, VF-FXLN, dense, well cemented, poorly dev. & mostly tight, some sl cherty Ls, barren

Sh- Maroon Gray, gummy argillaceous clumps & arenaceous shale

Lm- Cream Off White, VF-FXLN, fsl & sl oolitic, sctrd dev. & reXLN w/in porosity, sctrd XLN & fn ppt interoolite porosity, SCTRD LT STN, NSFO, MOD ODR

C.jpg

Sh- Gray, dense & waxy, soft & silty

Lm- Off White, VF-FXLN, dense, well cemented, sl oolitic, sctrd dev. w/ micro XLN to rare fn ppt porosity, sctrd reXLN w/in porosity, LT SCTRD STN, FLAKEY, NSFO, NO ODR

D.jpg

Lm- Cream Off White, VF-FXLN, dense, well cemented, chalky in part, poorly dev. w/ sctrd XLN porosity, vry clean & barren

DST #2
LKC D-G
15-30-60-90

1134' TOTAL FLUID
1827' GIP
63' SOGCM (10%O,40%G,50% M)
63' GOCM (20%G, 30%O, 50% M)
1008' GO (40%G, 60%O)

IFP: 128-151#
FFP: 186-376#
SIP: 585-570#

Lm- Tan-Cream, FXLN, dense, hard, clean & barren, pyrite clusters, fusilinids

Lm- Tan, oolitic w/ dark fossil clasts, FN XLN porosity, sctrd vugs, well cemented, LT SCTRD STN, NSFO, FNT ODR, good streaming wet cut, slightly chalky

Lm- Cream, oolitic w/ fn Interoolite porosity, moderate hardness, SCTRD LT BRN STN, FNT ODR, NSFO, light streaming wet cut

Lm- Off White-Cream, fossiliferous w/ fn inter XLN porosity, moderate hardness, SCTRD LT GLDN BRN STAIN, SL ODR, NSFO

Lm- Bright White-Cream, oomoldic, moderate hardness, SCTRD LT BRN STN, light streaming wet cut, NSFO, chalky

Lm- Bright White, oolitic, dense, poorly developed, mostly clean & barren, no odor, bedded chalk in part

Note: Samples very trashy

Lm- Tan-Cream, VFXLN, scattered oolites, dense, very hard, no shows, slightly chalky

Lm- A/A w/ dark brn chert

Lm- Cream, slightly fossiliferous, dense, hard, pyrite, slight chalk, no shows

Sh- Black, carbonaceous, fissile, firm

Lm- lt brn-gray, FXLN, dense, very hard, some fossiliferous poor devo., opaque tan chert

Sh- Dark Gray-Black, fissile, waxy

Lm- Cream, fossiliferous w/ fn ppt & inter XLN porosity, SCTRD LT GLDN BRN STN, Sl ODR, good streaming wet cut, NSFO

Sh- Maroon, soft, blocky, some sticky

Lm- Cream, oolitic/ oomoldic with fn inter oolitic porosity, scattered vugs, LT BRN SCTRD STN, SL ODR,

Lm- Cream-Light Brown, oolitic, very well reXLN cement, dense, hard, SCTRD LT BRN STN, FNT ODR, NSFO

Sh- Maroon-Gray, soft, blocky
Sh- Black Carbonaceous, fissile, soft

Lm- Tan-Light Brn, VF-XLN, dense, very hard, clean & barren, slight chalk in part, couple chips w/ SCTRD STN, FNT ODR, NSFO

Sh- Black, carbonaceous, fissile, soft

Lm- Light Brown, FN-XLN, dense, hard, no shows, pyrite

BKC E-LOG 3188' (-1411') Sh- lime green, soft, blocky

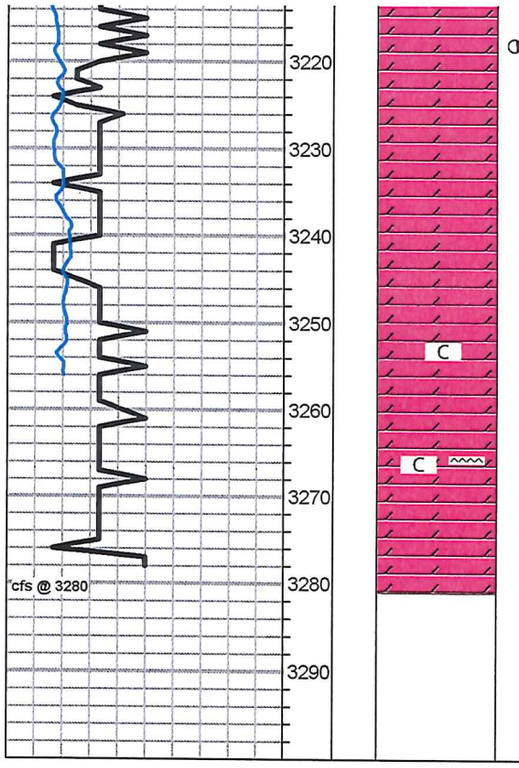
ARBUCKLE 3193' (-1416) E-LOG 3191' (-1414') Dolo- Buff, MED-XLN, w/ fn interxln porosity, SCTRD STN, LT GASSY SHEEN, STRNG ODR, Good Streaming wet cut, NSFO

Dolo- Buff-Off White, FN-MED XLN, SCTRD STN, well cemented, GD ODR, NSFO

Dolo- Buff-Tan, MED-XLN, well developed rhombic xtals, well cemented, GASSY SHEEN, SAT STN, STRNG ODR, rare SFO upon crush, pyrite, glauconite

Dolo- Off White, FN-MED XLN, STRNG ODR, SCTRD STN, rare SFO upon crush

Dolo- Cream-Tan, FN XLN, FNT ODR, SCTRD STN, NSFO, clear opaque grain



Dolo- Off White, FN-MED XLN, STRNG ODR, SCTRD STN, rare SFO upon crush

Dolo- Cream-Tan, FN XLN, FNT ODR, SCTRD STN, NSFO, clear opaque grain inclusions

Dolo- Bright White, FN XLN, moderately cemented, clean & barren

Dolo- Off White, FN XLN, loosely cemented, chalky, no Shows

Dolo- White-Cream, FN XLN, brittle, chalky in part, clean & barren

Dolo- Cream, FN XLN, well cemented, brittle, chalky, cherty, no shows

Dolo- Bright White, FN XLN, well cemented, hard, clean & barren, large free clear opaque grains in tray.

RTD 3280' (-1503) E-LOG 3279' (-1502) @ 05:56 8/10/2015

SURVEY @ TD
1/4 DEGREE