

Confidentiality Requested:

Yes No

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION**

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

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

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

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 #: _____

Spud Date or Recompletion Date _____ Date Reached TD _____ Completion Date or Recompletion Date _____

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
---	---	------------------------------------

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

TUBING RECORD:	Size:	Set At:	Packer At:	
----------------	-------	---------	------------	--

JOB-LOG

SWIFT Services, Inc.

DATE 9-20-16 PAGE NO. 1

CUSTOMER BERVINGE PETROLEUM WELL NO. 1-26 LEASE PFEIFFER JOB TYPE 8 5/8" SURFACE TICKET NO. 29341

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1900							ON LOCATION
								TD - 215' SET @ 215'
								TP - 215' 8 5/8" - 24 #
								15' CMT LEFT IN CASING
	1940							BREAK CIRCULATION
	1950	5	36.3		✓	100		MAX CEMENT - 150 SKS STANDARD 2% GEL, 3% CC
	1958	6 1/2	0		✓	200		DISPLACE CEMENT
	2000		12.7			150		CEMENT DISPLACED - SHUT IN
								CIRCULATED 35 SKS CEMENT TO POT
								WASH TRUCK
	2100							JOB COMPLETE
								THANK YOU WAYNE, AUSTIN, JOHN J.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 3013

Date	9-27-16	Sec.	26	Twp.	17	Range	20	County	Rush	State	KS	On Location		Finish	9:00 AM
------	---------	------	----	------	----	-------	----	--------	------	-------	----	-------------	--	--------	---------

Lease	Pfeiffer		Well No.	1-26	Owner	Hargrave elevator - 4W, 1/2 S E1S									
-------	----------	--	----------	------	-------	-----------------------------------	--	--	--	--	--	--	--	--	--

Contractor	Discovery #3		To Quality Oilwell Cementing, Inc.			You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.									
------------	--------------	--	------------------------------------	--	--	--	--	--	--	--	--	--	--	--	--

Type Job	plug		Charge To			Blue Ridge Petroleum									
----------	------	--	-----------	--	--	----------------------	--	--	--	--	--	--	--	--	--

Hole Size	7 7/8"		T.D.	4080'		Street									
-----------	--------	--	------	-------	--	--------	--	--	--	--	--	--	--	--	--

Csg.			Depth			City									
Tbg. Size	4 1/2" D.P.		Depth	4032'		State									

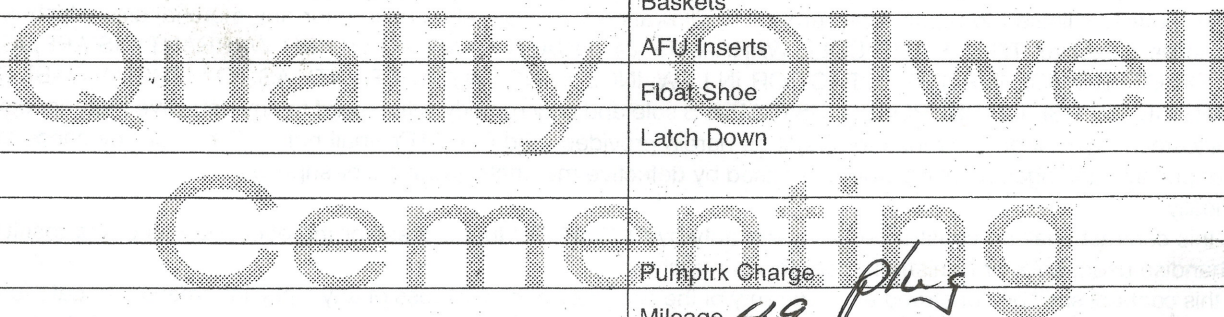
Tool			Depth			The above was done to satisfaction and supervision of owner agent or contractor.									
Cement Left in Csg.			Shoe Joint			Cement Amount Ordered 270 60/40 40/60 Gel 1/4# Flo-									

Meas Line			Displace	H2O/mud		Seal									
EQUIPMENT						Common 162									
Pumptrk	18	No.	Cementer	Rick		Poz. Mix 108									
Bulktrk	21	No.	Driver	Tim		Gel. 10									
Bulktrk		No.	Driver			Calcium									

JOB SERVICES & REMARKS						Hulls									
Remarks:	4032' 50 SX					Salt									
Rat Hole	1425' 50 SX					Flowseal 67#									
Mouse Hole	550' 50 SX					Kol-Seal									
Centralizers	245' 50 SX					Mud CLR 48									
Baskets	60' 20 SX					CFL-117 or CD110 CAF 38									
D/V or Port Collar	Rathole w/ 30 SX					Sand									
	Mousehole w/ 20 SX					Handling 280									
						Mileage									

Cement did Circulate

FLOAT EQUIPMENT									
Guide Shoe									
Centralizer									
Baskets									
AFU Inserts									
Float Shoe									
Latch Down									



Pumptrk Charge	plug		Tax												
Mileage	49		Discount												
Signature <i>John A. Scher</i>			Total Charge												



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: PFFFR1-26DST1

TIME ON: 0245
TIME OFF: 0940

Company BLUE RIDGE PETROLEUM CORP. Lease & Well No. PFEIFFER #1-26
Contractor DISCOVERY RIG 3 Charge to BLUE RIDGE PETROLEUM CORP.
Elevation 2120 KB Formation CHEROKEE SAND Effective Pay _____ Ft. Ticket No. M834
Date 9/26/2016 Sec. 26 Twp. _____ 17 S Range _____ 20 W County RUSH State KANSAS
Test Approved By JEFF LAWLER Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 3950 ft. to 3990 ft. Total Depth 3990 ft.
Packer Depth 3945 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 3950 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3932 ft. Recorder Number 5448 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 3952 ft. Recorder Number 0063 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 60 Drill Collar Length 31 ft. I.D. 2 1/4 in.
Weight 9.6 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,300 P.P.M. Drill Pipe Length 3887 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 3 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 40 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: SSB, BOB 19 MIN (NO BB)
2nd Open: WSB, BOB 15 MIN (NO BB)

Recovered 245 ft. of VSOSGWM 40% WTR, 60% MUD W/ A VERY THIN SCUM OF OIL, & SOME GASSY BUBBLES
Recovered 200 ft. of VSOSGMW 94% WTR, 6% MUD W/ A VERY THIN SCUM OF OIL, & SOME GASSY BUBBLES
Recovered 445 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of <u>CHLOR: 22,000 PPM</u>	Other Charges
Recovered _____ ft. of <u>RW: .41 @ 62 DEG</u>	Insurance
Remarks: <u>PH: 70</u>	
TOOL SAMPLE: <u>99% WTR, 1% MUD W/ A VERY THIN SCUM OF OIL, GASSY ODOR</u>	Total

Time Set Packer(s) 4:45 A.M. A.M. P.M. Time Started Off Bottom 7:30 A.M. A.M. P.M. Maximum Temperature 118°F

Initial Hydrostatic Pressure..... (A) 1960 P.S.I.
Initial Flow Period..... Minutes 30 (B) 17 P.S.I. to (C) 117 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 599 P.S.I.
Final Flow Period..... Minutes 30 (E) 124 P.S.I. to (F) 211 P.S.I.
Final Closed In Period..... Minutes 60 (G) 599 P.S.I.
Final Hydrostatic Pressure..... (H) 1961 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	BLUE RIDGE PETROLEUM CORP.	Job Number	M834
Well Name	PFEIFFER #1-26	Representative	MIKE COCHRAN
Unique Well ID	DST#1 3950-3990 CHEROKEE SAND	Well Operator	BLUE RIDGE PETROLEUM CORP.
Surface Location	SEC.26-17S-20W RUSH CO.KS.	Report Date	2016/09/26
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	JEFF LAWLER
		Test Unit	NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#1 3950-3990 CHEROKEE SAND		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2016/09/26	Start Test Time	02:45:00
Final Test Date	2016/09/26	Final Test Time	09:40:00
		Well Fluid Type	01 Oil
Gauge Name	5448		
Gauge Serial Number			

Test Results

Remarks **RECOVERED:**

245' VSOSGWM 40% WTR, 60% MUD W/ A VERY THIN SCUM OF OIL, & SOME GASSY BUBBLES
200' VSOSGMW 94% WTR, 6% MUD W/ A VERY THIN SCUM OF OIL, & SOME GASSY BUBBLES
445' TOTAL FLUID

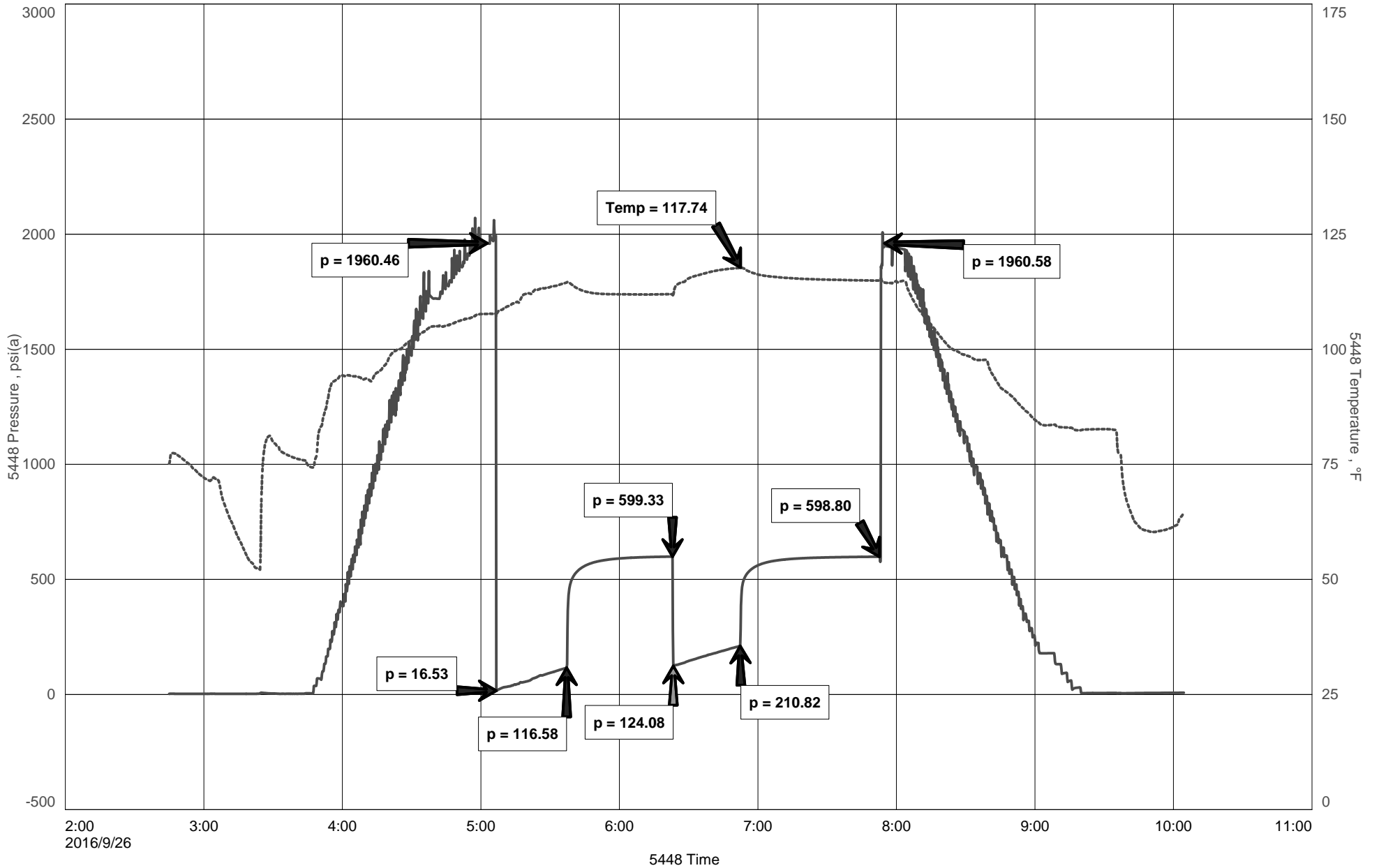
CHLOR: 22,000 PPM
PH: 7.0
RW: .41 @ 62 DEG

TOOL SAMPLE: 99% WTR, 1% MUD W/ A VERY THIN SCUM OF OIL, GASSY ODOR

BLUE RIDGE PETROLEUM CORP.
DST#1 3950-3990 CHEROKEE SAND
Start Test Date: 2016/09/26
Final Test Date: 2016/09/26

PFEIFFER #1-26
Formation: DST#1 3950-3990 CHEROKEE SAND
Pool: WILDCAT
Job Number: M834

PFEIFFER #1-26





BlueRidge Petroleum Corporation



P.O. Box 30545
Edmond, OK 73003
(580) 242-3732

Scale 1:240 Imperial

Well Name: PFEIFFER #1-26
 Surface Location: NE NE SW NW Section 26 - 17S - 20W
 Bottom Location:
 API: 15-165-22135-00-00
 License Number: 31930
 Spud Date: 9/20/2016 Time: 1:15 PM
 Region: RUSH COUNTY
 Drilling Completed: 9/26/2016 Time: 6:04 PM
 Surface Coordinates: 1616' FNL & 1303' FWL
 Bottom Hole Coordinates:
 Ground Elevation: 2112.00ft
 K.B. Elevation: 2120.00ft
 Logged Interval: 3100.00ft To: 4080.00ft
 Total Depth: 4040.00ft
 Formation: LANSING - KANSAS CITY; CHEROKEE SAND
 Drilling Fluid Type: FRESH WATER / CHEMICAL GEL

OPERATOR

Company: BLUE RIDGE PETROLEUM CORPORATION
Address: P.O. BOX 30545
EDMOND, OK 73003

Contact Geologist: JON ALLEN
 Contact Phone Nbr: (580) 242-3732
 Well Name: PFEIFFER #1-26
 Location: NE NE SW NW Section 26 - 17S - 20W
 API: 15-165-22135-00-00
 Pool: Field: WILDCAT
 State: KANSAS Country: USA

SURFACE CO-ORDINATES

Well Type: Vertical
Longitude: -99.5074654
Latitude: 38.5485168
N/S Co-ord: 1616' FNL
E/W Co-ord: 1303' FWL

LOGGED BY



Company: BIG CREEK CONSULTING, INC.
Address: 1909 MAPLE
ELLIS, KS 67637

Phone Nbr: (785) 259-3737
Logged By: GEOLOGIST Name: JEFF LAWLER

CONTRACTOR

Contractor: DISCOVERY DRILLING
 Rig #: 3
 Rig Type: MUD ROTARY
 Spud Date: 9/20/2016
 TD Date: 9/26/2016
 Rig Release: 9/27/2016
 Time: 1:15 PM
 Time: 6:04 PM
 Time: 9:00 PM

ELEVATIONS

K.B. Elevation: 2120.00ft
 K.B. to Ground: 8.00ft
 Ground Elevation: 2112.00ft

NOTES

WELL COMPARISON SHEET

FORMATION	PFEIFFER #1-26				P&A 10-11				REIF OIL & GAS CO.				LEBEN DRILING							
	PFEIFFER #1				GRAND MESA OPERATING				RYAN #1				GLENN #1							
	NENE 26-17-20				MORAN 31-23				SW SE NW 28-17-20				NW NW NW 36-17-20							
	KB	2120	GL	2112	KB	2138	KB	2161	KB	2178	KB	2126	KB	2126	KB	2126				
LOG TOPS	DATUM	SAMPLE TOPS	DATUM	LOG TOPS	DATUM	LOG TOPS	DATUM	LOG TOPS	DATUM	LOG TOPS	DATUM	LOG TOPS	DATUM	LOG TOPS	DATUM					
ANHYDRITE TOP	1341	779	1342	778				1387	774			1411	767			1342	784			
BASE	1371	749	1374	746				1421	740											
TOPEKA	3200	-1080	3200	-1080	3203	-1065	-15	-15	3219	-1058	-22	-22					3260	-1134	+54	+54
HEEBNER SHALE	3501	-1381	3503	-1383	3506	-1368	-13	-15	3526	-1365	-16	-18	3584	-1406	+25	+23	3506	-1380	-1	-3
TORONTO	3519	-1399	3519	-1399	3522	-1384	-15	-15	3542	-1381	-18	-18					3526	-1400	+1	+1
LKC	3545	-1425	3544	-1424	3550	-1412	-13	-12	3569	-1408	-17	-16	3629	-1451	+26	+27	3550	-1424	-1	+0
BKC	3817	-1697	3822	-1702	3829	-1691	-6	-11	3838	-1677	-20	-25	3896	-1718	+21	+16	3830	-1704	+7	+2
PAWNEE	3910	-1790	3910	-1790	3918	-1780	-10	-10	3924	-1763	-27	-27	3997	-1819	+29	+29				
CHEROKEE SAND	3977	-1857	3967	-1847	3968	-1830	-27	-17	3990	-1829	-28	-18	4064	-1886	+29	+39				
MISSISSIPPIAN																				
ARBUCKLE	4033	-1913	4032	-1912					4040	-1879	-34	-33					4035	-1909	-4	-3
TOTAL DEPTH	4091	-1971	4080	-1960	4015	-1877	-94	-83	4100	-1939	-32	-21	4140	-1962	-9	+2	4075	-1949	-22	-11

DST #1 CHEROKEE SAND 3950' - 3990'



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: PFFFR1-26DST1

TIME ON: 0245
 TIME OFF: 0940

Company BLUE RIDGE PETROLEUM CORP. Lease & Well No. PFEIFFER #1-26
 Contractor DISCOVERY RIG 3 Charge to BLUE RIDGE PETROLEUM CORP.
 Elevation 2120 KB Formation CHEROKEE SAND Effective Pay _____ Ft. Ticket No. M834
 Date 9/26/2016 Sec. 26 Twp. 17 S Range 20 W County RUSH State KANSAS
 Test Approved By JEFF LAWLER Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 3950 ft. to 3990 ft. Total Depth 3990 ft.
 Packer Depth 3945 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
 Packer Depth 3950 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3932 ft. Recorder Number 5448 Cap. 5,000 P.S.I.
 Bottom Recorder Depth (Outside) 3952 ft. Recorder Number 0063 Cap. 5,000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 60 Drill Collar Length 31 ft. I.D. 2 1/4 in.
 Weight 9.6 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 3,300 P.P.M. Drill Pipe Length 3887 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 3 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 40 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: SSB, BOB 19 MIN (NO BB)

Recovered	245 ft. of	VSOSGWM 40% WTR, 60% MUD W/ A VERY THIN SCUM OF OIL, & SOME GASSY BUBBLES	
Recovered	200 ft. of	VSOSGMW 94% WTR, 6% MUD W/ A VERY THIN SCUM OF OIL, & SOME GASSY BUBBLES	
Recovered	445 ft. of	TOTAL FLUID	
Recovered	ft. of		
Recovered	ft. of	CHLOR: 22,000 PPM	Price Job
Recovered	ft. of	RW: .41 @ 62 DEG	Other Charges
Remarks:		PH: 70	Insurance
TOOL SAMPLE: 99% WTR, 1% MUD W/ A VERY THIN SCUM OF OIL, GASSY ODOR			Total

Time Set Packer(s)	4:45 A.M.	A.M. P.M.	Time Started Off Bottom	7:30 A.M.	A.M. P.M.	Maximum Temperature	118°F
Initial Hydrostatic Pressure			(A)			1960 P.S.I.	
Initial Flow Period	Minutes	30	(B)	17 P.S.I. to (C)			117 P.S.I.
Initial Closed In Period	Minutes	45	(D)			599 P.S.I.	
Final Flow Period	Minutes	30	(E)	124 P.S.I. to (F)			211 P.S.I.
Final Closed In Period	Minutes	60	(G)			599 P.S.I.	
Final Hydrostatic Pressure			(H)			1961 P.S.I.	

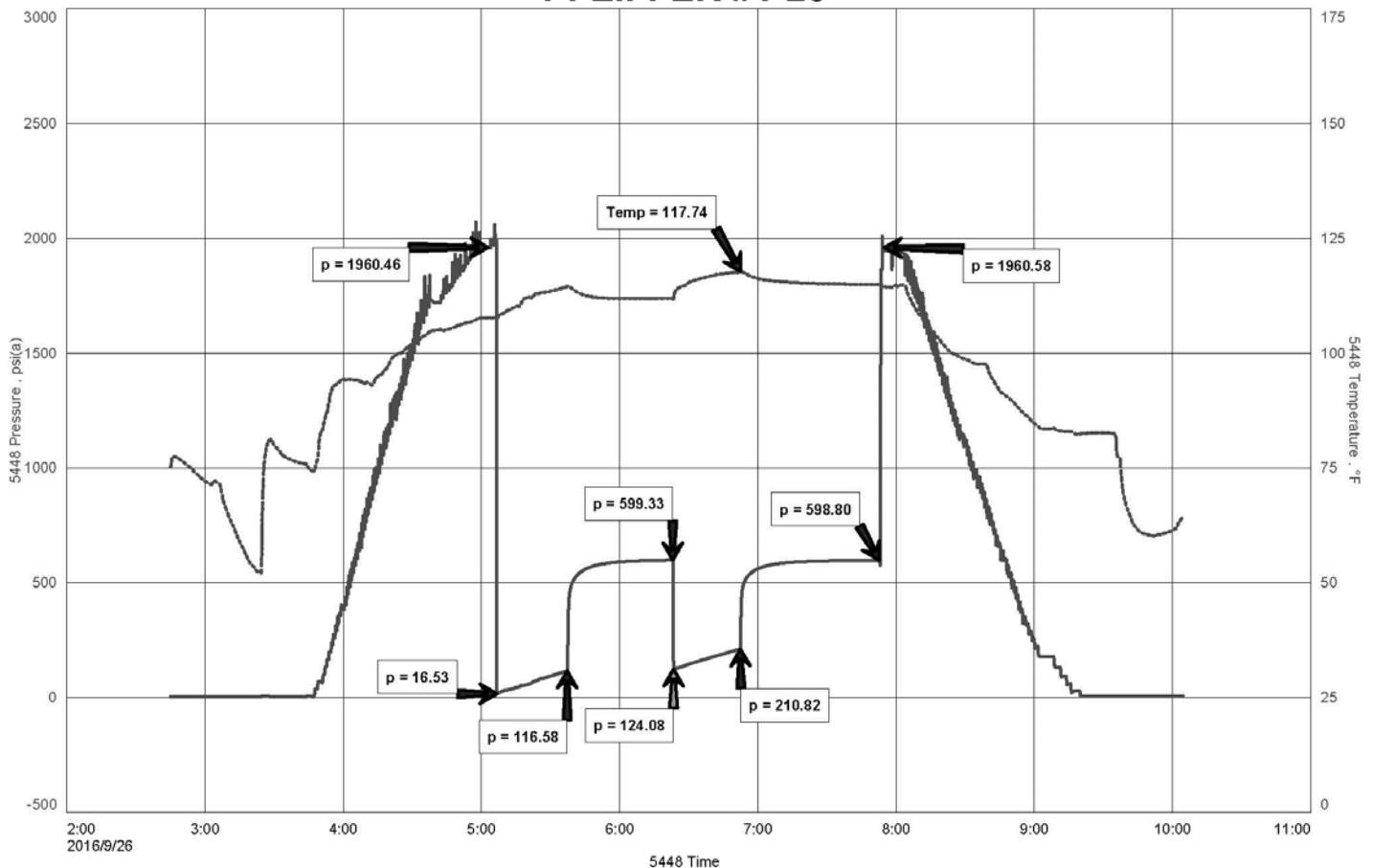
Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

DST #1 CHARTS

BLUE RIDGE PETROLEUM CORP.
DST#1 3950-3990 CHEROKEE SAND
Start Test Date: 2016/09/26
Final Test Date: 2016/09/26

PFEIFFER #1-26
Formation: DST#1 3950-3990 CHEROKEE SAND
Pool: WILDCAT
Job Number: M834

PFEIFFER #1-26



ROCK TYPES

Cht	Lmst fw7> shale, grn	Carbon Sh shale, red	Ss
Cht vari	shale, gry	Shcol	
Dolprim			

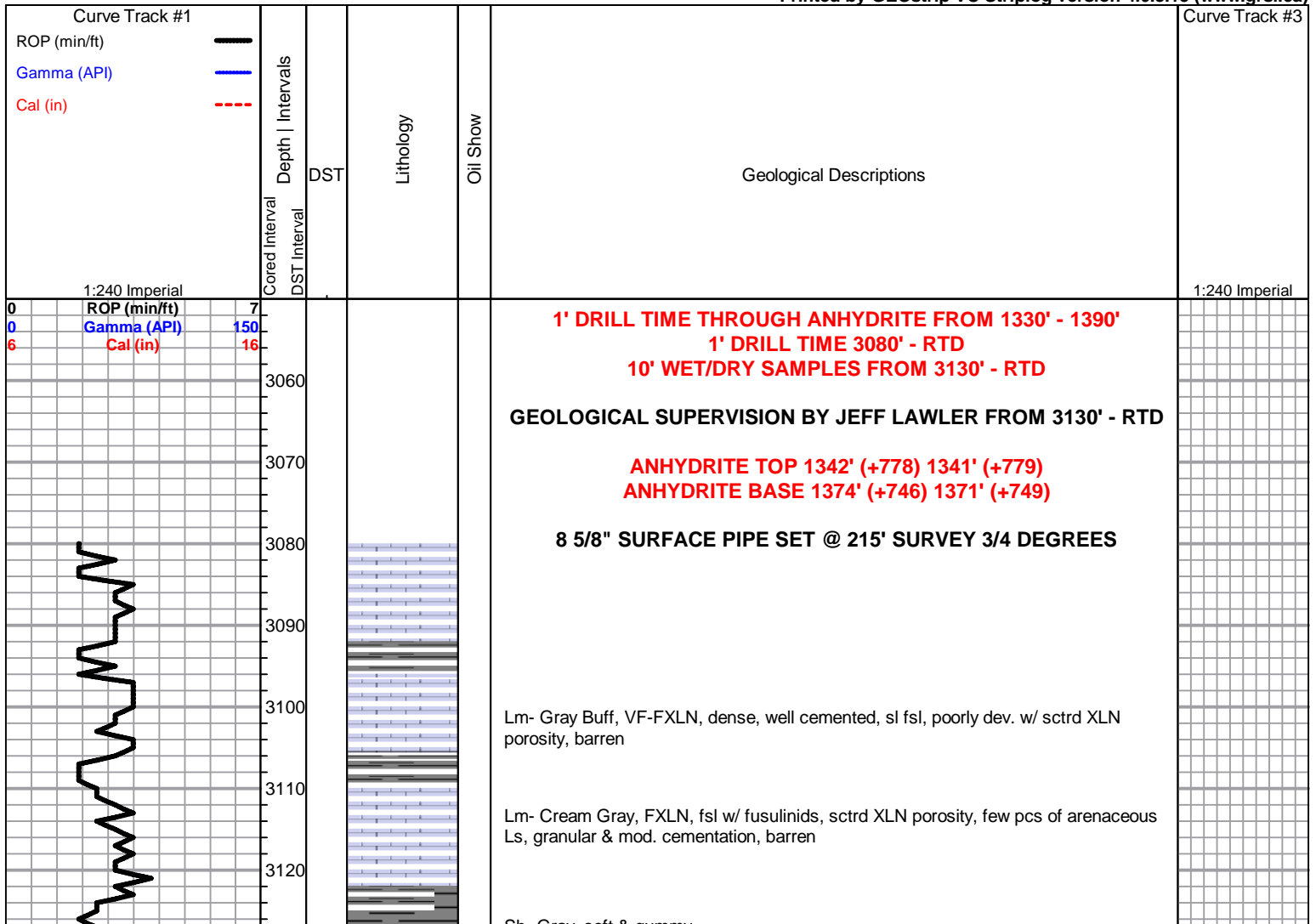
ACCESSORIES

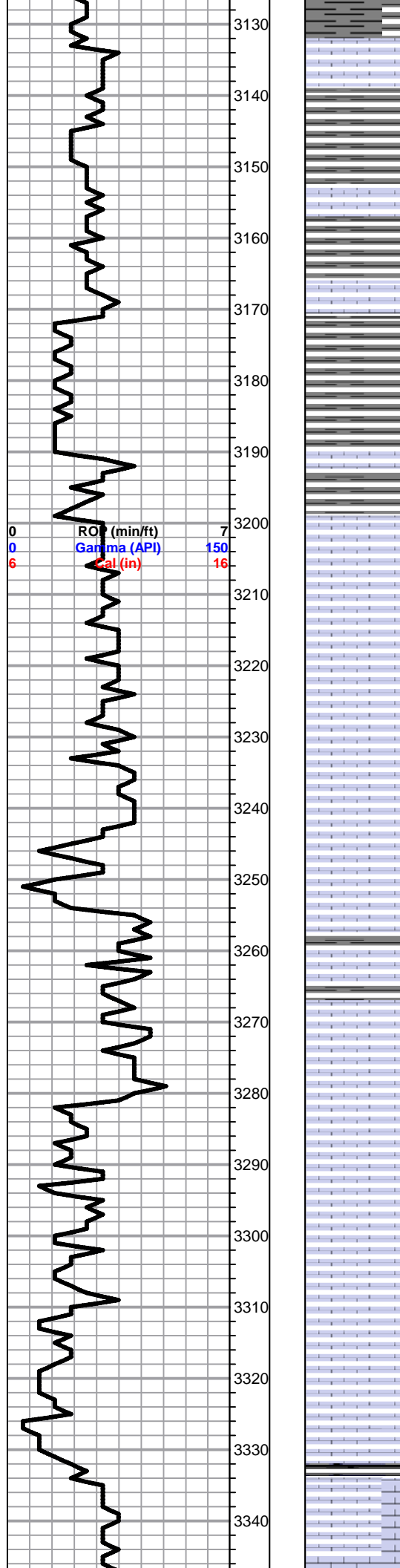
FOSSIL Oomoldic	STRINGER Chert green shale
---------------------------	---

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)





Sh- Gray, soft & gummy

Lm- Cream Buff Tan, FXLN, fsl w/ crinoids, well cemented w/ sctrd XLN porosity, tight

Lm- Cream Tan, FXLN, fsl, well cemented, sctrd XLN & secondary reXLN porosity

Sh- Gray Maroon Green, soft & silty, gritty & earthy, some sl sandy

Sh- Gray, silty & soft, chalky, gummy & argillaceous, dense & waxy

TOPEKA 3200' (-1080) E-LOG 3200' (-1080) Lm- Tan, VF-FXLN, dense, well cemented, fsl w/ few fsl fragments, poorly dev. w/ sctrd micro XLN porosity

Lm- Cream Off White, VF-FXLN, dense, well cemented, tight w/ poory vis. porosity, several chalky pcs

Lm- Cream Off White, FXLN, fsl, well cemented, sctrd XLN porosity, clean & barren

Lm- A/A

Lm- Buff Gray, VFXLN, dense, well cemented, tight w/ min. vis. porosity

Lm- Cream Off White Buff, VF-FXLN, dense, well cemented, sl fsl, poorly dev. w/ sctrd micro XLN porosity, barren

Lm- Off White Cream, VFXLN, dense, tight, well cemented, several clumps of white chalk

Lm- Cream Gray, FXLN, fsl, poorly dev. & mostly tight, vry clean & barren, several pcs of gray sl cherty Ls w/ fusulinids, no vis. porosity

Lm- Cream, FXLN, densely packed fsl & fsl fragments, loosely cemented & crumbly, dense XLN porosity

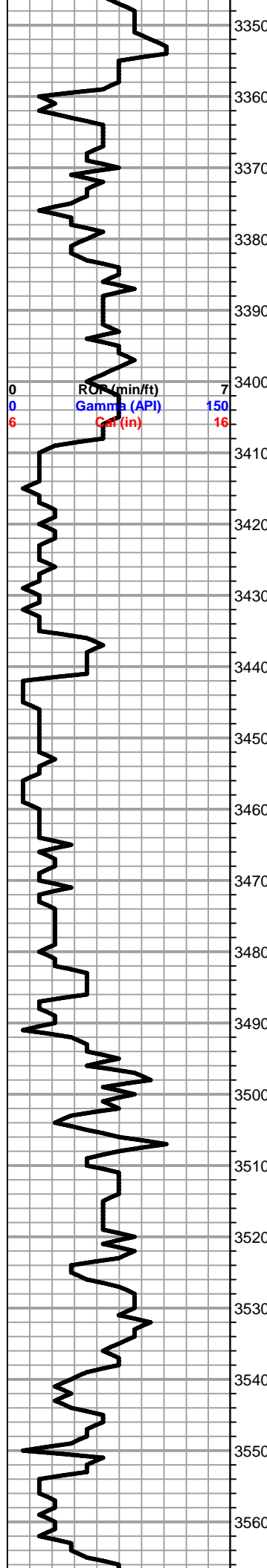
Lm- White, Vf Grn, gummy white chalk

Lm- Cream, FXLN, loosely cemented & crumbly, fsl, dense XLN porosity, barren

Lm- Gray White, CryptoXLN & Vf Grn, mix of fusulinid packed vitreous cherty Ls & gummy white chalk

Lm- Cream Off White, FXLN, dense, loosely cemented, massive, fsl w/ fsl fragments, high-energy mix, poor vis. porosity, sl chalky in part

Sh- Black Gray Maroon, fissile & carbonaceous, silty & calcareous



Lm- Cream Tan, VFXLN, dense, well cemented, tight w/ min. vis. porosity, few w/ sctrd reXLN veins

Sh- Gray Maroon Green, semi-waxy, gritty & earthy

Lm- Cream, FXLN, dense, massive, mod. well dev. w/ sctrd fn ppt porosity & some sctrd reXLN porosity, barren

Lm- Cream Off White, FXLN, dense XLN porosity, some secondary reXLN porosity, fsl w/ fusulinids, mottled, barren

Lm- Buff, FXLN, loosely cemented, dense XLN porosity, fsl & bioclastic, sl trashy

Lm- Tan, FXLN, dense XLN porosity, semi-graunular, mod. dev. barren

Sh- Black Gray, fissile & carbonaceous, soft & silty

Lm Snd- Cream, FXLN, massive dolomitic Ls, oolitic, mod. dev. w/ sctrd fn ppt & XLN porosity, loosely cemented, consolidated & well sorted sub rounded frosted Ss, barren

Lm- Cream, VF-FXLN, A/A less developed w/ sctrd XLN porosity, soft white chalk

Lm- Gray Milky White Tan, VFXLN, dense, fsl cherty Ls w/ no vis. porosity

Lm- White, abundant soft white chalk

Lm- Off White, FXLN, oomoldic w/ sctrd vuggy porosity, barren

Lm- Cream, F-MEDXLN, fsl w/ fusulinids, massive, gritty sl dolomitic Ls, well cemented, dense consistent porosity, barren

Lm- Cream Tan, VFXLN, dense, well cemented, mostly tight w/ poor vis. porosity, some sctrd mottling, soft white chalk

HEEBNER 3503' (-1383) E-LOG 3501' (-1381) Sh- Black, fissile & carbonaceous

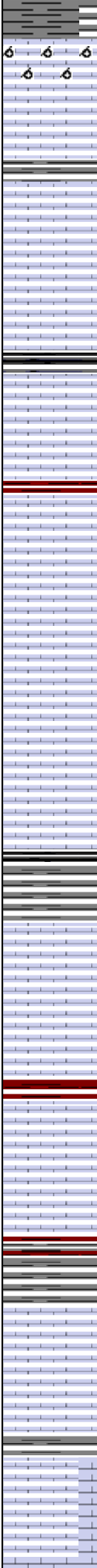
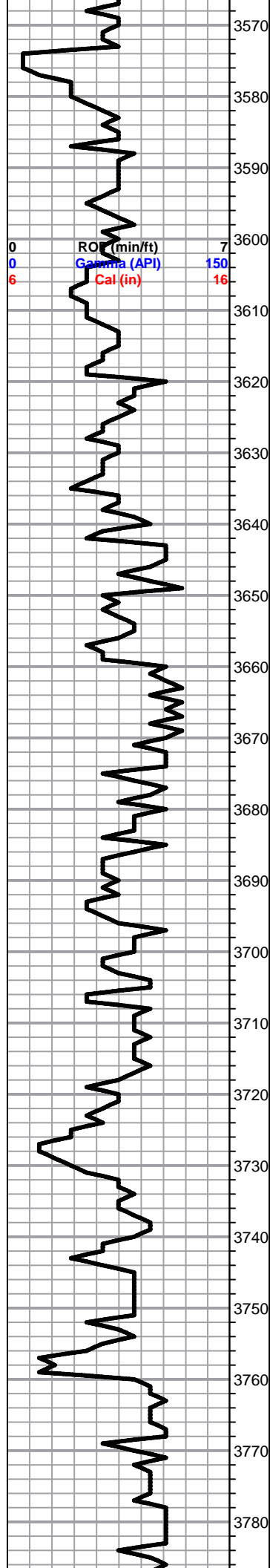
TORONTO 3519' (-1399) E-LOG 3519' (-1399) Lm- Cream White, FXLN, sl fsl, poorly dev. & mostly tight w/ much soft white chalk, vry clean & barren, several pcs of vitreous fresh bedded chert

Lm- Buff, VFXLN, dense, well cemented, tight w/ min. vis. porosity

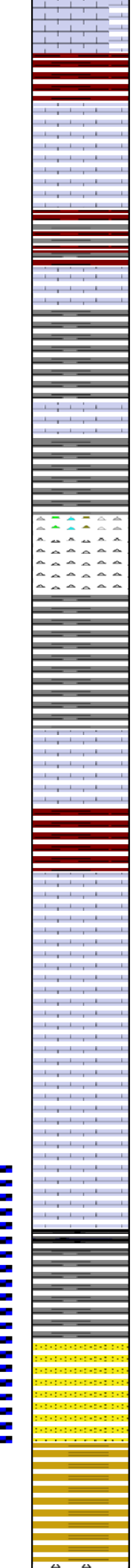
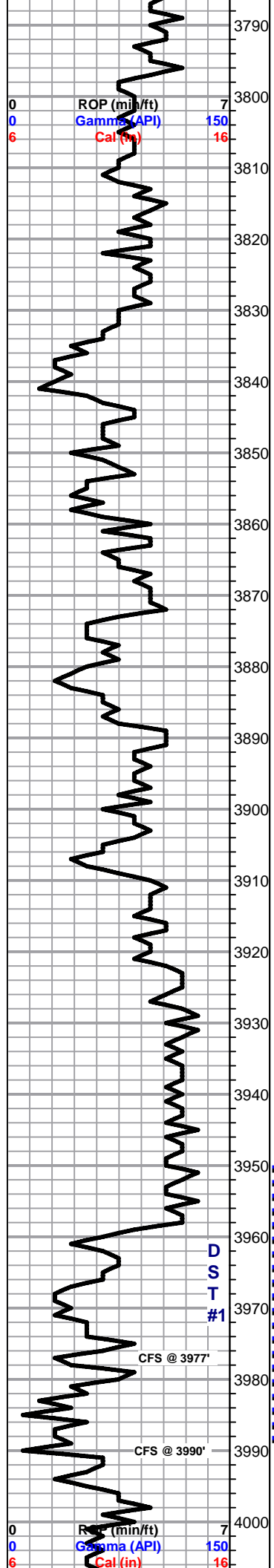
Sh- Gray Maroon Green, argillaceous clumps, gritty & earthy

LKC 3544' (-1424) E-LOG 3545' (-1425) Lm- Cream Off White, FXLN, fsl, poorly dev. w/ sctrd XLN porosity, some soft white chalk

Lm- Buff White, VF-FXLN, dense, well cemented sl dolomitic Ls w/ sctrd XLN porosity, much soft white chalk



- 3575 Lm- Tan Buff, FXLN, oomoldic w/ sctrd vuggy & XLN porosity, barren, few pcs of vitreous white oolitic chert
- 3580 Lm- Cream Off White, FXLN, dense gritty well cemented dolomitic Ls w/ microXLN porosity, soft white chalk, barren
- 3590 Lm- Cream Buff, VF-FXLN, dense, well cemented, poorly dev. w/ microXLN-XLN porosity, barren
- 3600 Lm- Gray, VFXLN, dense, well cemented, tight w/ min. vis. porosity
- 3620 Lm- Cream Off White, FXLN, dense, well cemented, mostly tight w/ sctrd XLN porosity, some soft white chalk
- 3630 Lm- Tan, VFXLN, dense, well cemented, tight, sctrd XLN & reXLN porosity, barren
- 3635 Lm- Cream off White, FXLN, fsl, poorly dev. w/ sctrd XLN porosity, some soft white chalk
- 3640 Lm- Cream Off White, VF-FXLN, dense, well cemented, tight w/ poor vis porosity, some soft white chalk
- 3650 Lm- Off White, Fn Grn, loosely cemented chalky mud supported matrix, poor vis. porosity
- 3660 Lm- Cream Off White, VF-FXLN, dense, tight, well cemented, poor vis. porosity
- 3670 Lm- Cream, VFXLN, tight & well cemented cherty Ls w/ sctrd microXLN porosity, several pcs of milky white & gray vitreous fresh bedded chert
- 3680 Lm- Tan, VF-FXLN, dense, well cemented, tight bioclastic w/ fusulinid & crinoid fragments, sctrd to dense XLN porosity
- 3690 Sh- Black Gray, fissile & carbonaceous, girty & earthy
- 3700 Lm- Cream Off White, VF-FXLN, dense, well cemented, mostly tight & poorly developed w/ sctrd XLN porosity, vry clean & barren
- 3710 Lm- Cream Buff, VFXLN, dense, well cemented, tight w/ min. vis. porosity, some soft white chalk
- 3720 Sh- Gray Maroon, silty & soft, gritty & earthy
- 3730 Lm- Cream, FXLN, oolitic, few sctrd dissolved oolites, sctrd fn ppt & XLN porosity, barren
- 3740 Sh- Gray Maroon, waxy, gritty & earthy
- 3750 Lm- Cream Off White, FXLN, dense, well cemented, barren, some soft white chalk
- 3760 Lm- Cream Off White, FXLN, dense, well cemented, poorly dev. w/ min. vis. porosity
- 3770 Sh- Dove Gray Maroon, soft & calcareous, argillaceous wash
- 3780 Lm- Tan, VFXLN, tight, dense, well cemented, poor vis. porosity



Sh- Gray Maroon, gritty & earthy, semi-waxy

Lm- Tan Milky Gray, VFXLN, dense well cemented cherty Ls w/o vis. porosity

Lm- Tan, FXLN, dense, vry well cemented, tight, sctrd reXLN porosity

BKC 3822' (-1702) E-LOG 3817' (-1697) Sh- Gray Maroon, semi waxy & sl arenaceous, gritty & earthy

Lm- Cream Tan, VF-FXLN, dense, well cemented & mostly tight w/ min. vis. - sctrd micro XLN porosity

Sh- Gray Maroon Mint Green, gritty & earthy, pebbly, waxy

Lm- Brown Tan Cream, trashy mix, some sl fsl, some detrital mix, massive, all w/ poor vis. porosity

Sh/Chert- Gray Maroon, gritty & earthy, sl arenaceous Salmon/White, detrital gritty chert

A/A w/ increase in Salmon vitreous chert & salmon/white dolotmitic chert

Sh- Varying shades of Gray & Purple, mostly sl waxy, some sl arenaceous

ALTAMONT 3889' (-1769) E-LOG 3889' (-1769) Lm- Buff, VFXLN, dense, gritty, well cemented & tight w/ no vis. porosity

Lm- Cream Off White, VFXLN, dense, well cemented, dolomitic chert

Sh- Gray Maroon, semi waxy, gritty & earthy

PAWNEE 3910' (-1790) E-LOG 3910' (-1790) Lm- Cream Off White, FXLN, loosely cemented dolomitic Ls, semi granular

Lm- Gray Cream, Vf-Fn Grn, loosely to well cemented, mostly tight, intergranular porosity, clean & barren

Lm- Gray, Vf- Fn Grn, dense, well cemented & tight w/ no vis. porosity

Lm- A/A

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

Sh- Gray, argillaceous

CHEROKEE SAND 3967' (-1847) E-LOG 3977' (-1857) Ss- Few frosted, small to med. grained clusters, well cemented angular to sub-rounded, poorly sorted, consolidated. varying from light Ca cementation to arenaceous ls & sandy shale

Ss- Frosted-Clear, F-Med Grn, consolidated, poorly sorted, sub-rounded to sub-angular, mod cementation, TR STN, TR FO UPON CRUSH, LT YLW STRM CUT, NO ODR

60"- A/A, better sorting of shape and angularity, few w/ micro glauconite inclusions, TR STN, SL SHEEN UPON CRUSH, LT YLW FLOR.,NO ODR

Sh- White Maroon, gummy argillaceous clumps

SHORT TRIP SURVEY 1 1/2 deg

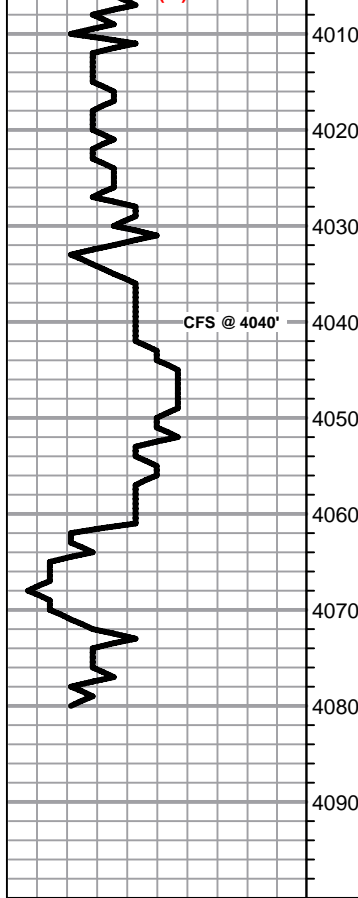
DST #1
3950 - 3990
CHEROKEE SAND
30-45-30-60

445' TOTAL FLUID
245' VSOGMW
(40%W, 60%M, TR OIL & GAS)

200' VSOGMW
(94%W, 6%M, TR OIL & GAS)

SIP: 599-599#
HYD: 1960-1961#
CHLOR: 22K
Rw: 41 @ 62 deg.

CHER_S...



Chert- Maroon Yellow Salmon Mint Green, varying degrees of chert ranging from gritty semi-dolomitic to fresh bedded vitreous & fsl.

Chert- A/A w/ mostly yellow vitreous chert

ARBUCKLE 4032' (-1912) E-LOG 4033' (-1913) Dolomite/Chert- Cream Tan White, VF-FXLN, dense, well cemented, tight w/ dense microXLN porosity

Dolomite/Chert- White Off White, VFXLN, dense, gritty dolomitic chert w/ min. vis. porosity, barren, few pcs of soft white chalk

Dolomite- Cream/Maroon, FXLN, loosely cemented, semi-friable, consistent fnXLN porosity, barren, arenaceous appearance

Dolomite- Cream Buff, FXLN, dense, well cemented, mod. dev. w/ consistent XLN porosity, several pcs of white vry dense dolomitic chert

Ss-White Yellow, Med Grn, loose dolomitic cementation, vry friable, mature rounded grains, various dark colored waxy shale

Ss/Sh- Gross abundance of Clear Fn Grn, mature rounded grain clusters, vry friable & argillaceous white & mint green shale

Chert- White Maroon Yellow, dense vitreous chert w/ no vis. porosity

RTD 4080' (-1960) LTD 4081' (-1961) @ 18:04 9-26-2016

RTD
CFS 20-40-60
TOH FOR LOG

