KOLAR Document ID: 1538827

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 # 33813
Name: Jason Oil Company, LLC
Address 1: 3718 183RD ST
Address 2: PO BOX 701
City: RUSSELL State: KS Zip: 67665 + 0701
Contact Person: SHELDON BENNETT
Phone: (785) 483-4204
CONTRACTOR: License # 99977
Name: Quality Oil Well Cementing
Wellsite Geologist: JEFF LAWLER
Purchaser: PLAINS MARKETING, LP

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 #:

08/10/2020 Spud Date or Recompletion Date
08/28/2020 Date Reached TD
10/26/2020 Completion Date or Recompletion Date

API No.: 15-165-22174-00-00
Spot Description:
SW - SW - SW - NE Sec. 20 Twp. 16 S. R. 19 ☐ East ☑ West
2520 Feet from ☑ North / ☐ South Line of Section
2470 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: Rush
Lease Name: LITTLER-STULL Well #: 1
Field Name: LITT
Producing Formation: ARBUCKLE
Elevation: Ground: 2073 Kelly Bushing: 2083
Total Vertical Depth: 3900 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 1333 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: 500 ppm Fluid volume: 4500 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: 12/14/2020
☐ **Confidential Release Date:**
☐ **Wireline Log Received** ☑ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** Karen Ritter **Date:** 12/14/2020

Operator Name: Jason Oil Company, LLC Lease Name: LITTLER-STULL Well #: 1

Sec. 20 Twp. 16 S. R. 19 ☐ East ☑ West County: Rush

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 *(Attach Additional Sheets)*	☑ Yes	☐ No
Samples Sent to Geological Survey	☑ Yes	☐ No
Cores Taken	☐ Yes	☑ No
Electric Log Run	☐ Yes	☑ No
Geologist Report / Mud Logs	☑ Yes	☐ No
List All E. Logs Run:		

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

Name	Top	Datum
HEEBNER	3389	1307
TORONTO	3410	-1328
LKC	3435	-1353
BKC	3690	-1608
ARBUCKLE	3800	-1718

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	20	1333	COMMON	385	480 80/20 3%CC 2%GEL
Production	7.875	5.5	15.5	3900	COMMON	200	200 Q PRO C

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

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

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	Top / Bottom

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: Set At: Packer At:

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

Form	ACO1 - Well Completion
Operator	Jason Oil Company, LLC
Well Name	LITTLER-STULL 1
Doc ID	1538827

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	20	1333	COMMON	385	480 80/20 3%CC 2%GEL
Production	7.875	5.5	15.5	3900	COMMON	200	200 Q PRO C

Company: Jason Oil Company, LLC

Lease: Littler-Stull #1

SEC: 20 TWN: 16S RNG: 19W
County: RUSH
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 3
Elevation: 2072 EGL
Field Name: Litt
Pool: Infield
Job Number: 450
API #: 15-165-22174-00-00

Operation:
Test Complete

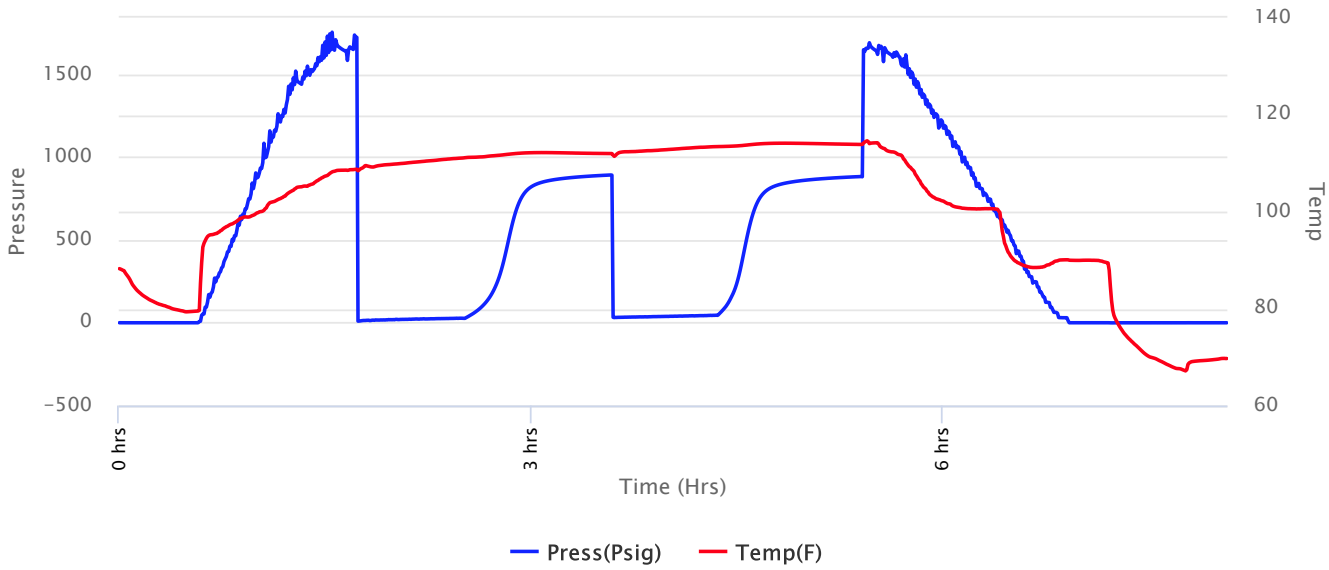
DATE
August
24
2020

DST #1 **Formation: Lans C** **Test Interval: 3447 - 3467'** **Total Depth: 3467'**

Time On: 21:21 08/24 Time Off: 05:12 08/25
Time On Bottom: 23:02 08/24 Time Off Bottom: 02:32 08/25

Electronic Volume Estimate:	1st Open	1st Close	2nd Open	2nd Close
699'	Minutes: 45	Minutes: 60	Minutes: 45	Minutes: 60
	Current Reading:	Current Reading:	Current Reading:	Current Reading:
	33.6" at 45 min	0" at 60 min	47.1" at 45 min	0" at 60 min
	Max Reading: 33.6"	Max Reading: 0"	Max Reading: 47.1"	Max Reading: 0"

Inside Recorder



Company: Jason Oil Company, LLC

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Recovered

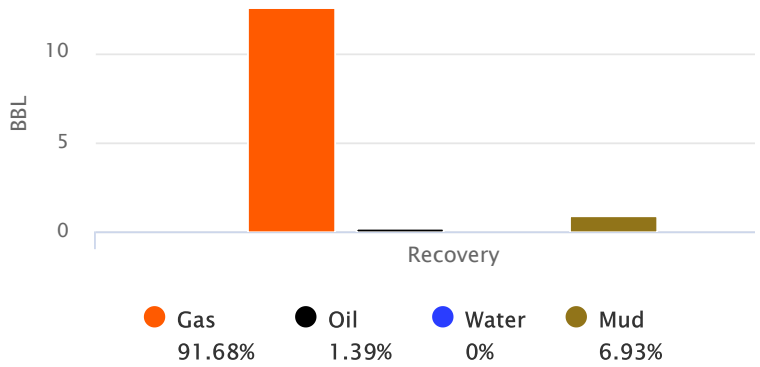
Foot	BBLS	Description of Fluid	Gas %	Oil %	Water %	Mud %
868	12.35164	G	100	0	0	0
32	0.45536	SLOCSLGCM	5	3	0	92
62	0.88226	OCGCM	20	20	0	60

Total Recovered: 962 ft
Total Barrels Recovered: 13.68926

Reversed Out
NO

Initial Hydrostatic Pressure	1652	PSI
Initial Flow	10 to 27	PSI
Initial Closed in Pressure	**893**	**PSI**
Final Flow Pressure	32 to 45	PSI
Final Closed in Pressure	**883**	**PSI**
Final Hydrostatic Pressure	1650	PSI
Temperature	115	°F
Pressure Change Initial Close / Final Close	1.1	%

Recovery at a glance



GIP cubic foot volume: 70.4668

Company: Jason Oil Company, LLC

Lease: Littler-Stull #1

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State: Kansas
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BUCKET MEASUREMENT:
1st Open: 1/4" Blow. BOB in 14 mins
1st Close: NOBB
2nd Open: 7" Blow. BOB in 1 1/2 mins
2nd Close: NOBB

REMARKS:
The mud in the samples were heavy oil spec.

Tool Sample: 0% Gas 50% Oil 0% Water 50% Mud

Company: Jason Oil Company, LLC

Lease: Littler-Stull #1

SEC: 20 TWN: 16S RNG: 19W
County: RUSH
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 3
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Down Hole Makeup

Heads Up: 25.64 FT

Drill Pipe: 3447.48 FT
ID-3 1/2

Weight Pipe: FT
ID-2 7/8

Collars: 0 FT
ID-2 1/4

Test Tool: 26.16 FT
ID-3 1/2-FH

Total Anchor: 20

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 1 FT
4 1/2-FH

Change Over: FT

Drill Pipe: (in anchor): FT
ID-3 1/2

Change Over: FT

Perforations: (below): 18 FT
4 1/2-FH

Packer 1: 3442 FT

Packer 2: 3447 FT

Top Recorder: 3434 FT

Bottom Recorder: 3450 FT

Well Bore Size: 7 7/8

Surface Choke: 1"

Bottom Choke: 5/8"

Company: Jason Oil Company, LLC

Lease: Littler-Stull #1

SEC: 20 TWN: 16S RNG: 19W
County: RUSH
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 3
Elevation: 2072 EGL
Field Name: Litt
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Mud Properties

Mud Type: Chem **Weight:** 9 **Viscosity:** 50 **Filtrate:** 9.6 **Chlorides:** 9000 ppm

Company: Jason Oil Company, LLC

Lease: Littler-Stull #1

SEC: 20 TWN: 16S RNG: 19W
County: RUSH
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 3
Elevation: 2072 EGL
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Gas Volume Report

1st Open

Time	Orifice	PSI	MCF/D

2nd Open

Time	Orifice	PSI	MCF/D

/

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. 1383

Date	Sec.	Twp.	Range	County	State	On Location	Finish
8-20-20	20	16	19	Rush	KS		8:15pm

Location: [illegible] Black Top 7 1/2 [illegible] 1/2 [illegible]

Lease	Littel Stull
Well No.	1
Contractor	Southwind #3
Type Job	Surface
Hole Size	12 1/4
T.D.	1333
Csg.	8 5/8
Depth	1335
Tbg. Size	
Depth	
Tool	
Depth	
Cement Left in Csg.	42.74
Shoe Joint	42.74
Meas Line	
Displace	82 BC

Owner

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.

Charge To	Jason Oil
Street	
City	
State	

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Amount Ordered: 480 80/20 3% cc 2% gel

EQUIPMENT

	No.		
Pumptrk	20	Cementer	[illegible]
		Helper	[illegible]
Bulktrk	9	Driver	[illegible]
		Driver	
Bulktrk		Driver	[illegible]
		Driver	[illegible]

JOB SERVICES & REMARKS

Remarks:

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

8 5/8 [illegible] Baffle 1292
[illegible] Circulation Mix 480sk Displace Plug
Cement Circulated
Plug landed @ 900#
Shut in @ [illegible]

Common	385
Poz. Mix	95
Gel.	9
Calcium	17
Hulls	
Salt	
Flowseal	
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	506
Mileage	

FLOAT EQUIPMENT 8 5/8

Guide Shoe	Baffle plate
Centralizer	2
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
	Solid Rubber Plug
Pumptrk Charge	Long Surface
Mileage	28
Tax	
Discount	
Total Charge	

Thanks

X
Signature

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. 1386

Date	Sec.	Twp.	Range	County	State	On Location	Finish
8-28-20	20	16	19	Rush	KS		1230AM

Location Liebenthal Blacktop 8W 1/2N Into

Lease Littler Stock Well No. 1

Owner

Contractor Southwind #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 Production String

Charge To Jason Oil

Hole Size 7 7/8 T.D. 3900

Csg. 5 1/2 Depth 3901

Street

Tbg. Size Depth

City State

Tool Depth

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. 43.34 Shoe Joint 43.34

Cement Amount Ordered 200 60/40 Poz C

Meas Line Displace 91 3/4 BBL

500 gal mud clean

EQUIPMENT

Common

Pumptrk 17 No. Cementer Craig
Helper

Poz. Mix

Bulktrk No. Driver Matt
Driver

Gel.

Bulktrk 9 No. Driver
Driver Doug

Calcium

JOB SERVICES & REMARKS

Hulls

Salt

Remarks:

Rat Hole 30SK

Flowseal

Mouse Hole

Kol-Seal

Centralizers

Mud CLR 48

Baskets

CFL-117 or CD110 CAF 38

D/V or Port Collar

Sand

5 1/2 Set @ 3901. Insert @ 3858.
Est. Circulation - Pump 500 gal mud clean
Plug Rathole 30 SK Cement 5 1/2 with
175 SK Clean lines. Displace Plug
Plug landed @ 1500#
Lift pressure @ 600#

Handling

Mileage

FLOAT EQUIPMENT

Guide Shoe

Centralizer 6

Baskets

AFU Inserts

Float Shoe 1

Latch Down 1

Pumptrk Charge

Mileage

Tax

Discount

Total Charge

X Signature Terry W Rueber

Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513

Kansas
Corporation Commission

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

December 14, 2020

SHELDON BENNETT
Jason Oil Company, LLC
3718 183RD ST
PO BOX 701
RUSSELL, KS 67665-0701

Re: ACO-1
API 15-165-22174-00-00
LITTLER-STULL 1
NE/4 Sec.20-16S-19W
Rush County, Kansas

Dear SHELDON BENNETT:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 08/10/2020 and the ACO-1 was received on December 14, 2020 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department

Scale 1:240 Imperial

Well Name:	LITTLER-STULL #1		
Surface Location:	SW SW SW NE Sec. 20 - 16S - 19W		
Bottom Location:			
API:	15-165-22174		
License Number:	33813		
Spud Date:	8/19/2020	Time:	2:30 PM
Region:	RUSH COUNTY		
Drilling Completed:	8/27/2020	Time:	8:30 AM
Surface Coordinates:	2520' FNL & 2470' FEL		
Bottom Hole Coordinates:			
Ground Elevation:	2073.00ft		
K.B. Elevation:	2082.00ft		
Logged Interval:	3050.00ft	To:	3900.00ft
Total Depth:	3900.00ft		
Formation:	LANSING-KANSAS CITY; ARBUCKLE		
Drilling Fluid Type:	FRESH WATER / CHEMICAL GEL		

OPERATOR

Company:	JASON OIL COMPANY, LLC		
Address:	3718 183rd RD P.O. BOX 701 RUSSELL, KS 67665		
Contact Geologist:	SHELDON BENNETT		
Contact Phone Nbr:	(785) 483-4204		
Well Name:	LITTLER-STULL #1		
Location:	SW SW SW NE Sec. 20 - 16S - 19W		
API:	15-165-22174		
Pool:		Field:	LITT
State:	KANSAS	Country:	USA

SURFACE CO-ORDINATES

Well Type:	Vertical
Longitude:	-99.447001
Latitude:	38.647944
N/S Co-ord:	2520' FNL
E/W Co-ord:	2470' FEL

LOGGED BY

BIG CREEK CONSULTING

Company:	BIG CREEK CONSULTING, INC.		
Address:	3504 DUNCAN ST ST. JOE, MO 64507		
Phone Nbr:	(785) 259-3737		
Logged By:	GEOLOGIST	Name:	JEFF LAWLER

CONTRACTOR

Contractor:	SOUTHWIND DRILLING		
Rig #:	3		
Rig Type:	MUD ROTARY		
Spud Date:	8/19/2020	Time:	2:30 PM
TD Date:	8/27/2020	Time:	8:30 AM
Rig Release:	8/28/2020	Time:	12:30 AM

ELEVATIONS

K.B. Elevation: 2082.00ft
K.B. to Ground: 9.00ft
Ground Elevation: 2073.00ft

NOTES

DUE TO ECONOMICAL RECOVERY ON DRILL STEM TESTS 5 1/2" PRODUCTION CASING WAS RUN TO FURTHER EVALUATE ZONES UPON INTEREST.

RESPECTFULLY SUBMITTED,
JEFF LAWLER

					P&A 3-64						¤						¤						•					
					JOHN O FARMER						F&M OIL						RAINS & WILLIAMSON						MAI OIL OPERATIONS					
					LITTLER A #1						LITTLER A #1						LITTLER #1						STULL #1					
	LITTLER-STULL #1				SE SE NW 20-16-19						SE SW NE 20-16-19						SW NW SE 20-16-19						NW SE NE NW 19-16-19					
	KB	2082	GL	2073	KB	2082					KB	2089					KB	2082					KB	2131				
	LOG TOPS		SAMPLE TOPS		LOG		LOG		SMPL.		COMP. CARD		LOG		SMPL.		LOGS		LOG		SMPL.		COMP. CARD		LOG		SMPL.	
FORMATION	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	CORR.		CORR.		DEPTH	DATUM	CORR.		CORR.		DEPTH	DATUM	CORR.		CORR.		DEPTH	DATUM	CORR.		CORR.	
ANHYDRITE TOP			1330	752	1330	752			+	0	1334	755			-	3	1326	756			-	4	1377	754			-	2
BASE	1362	720	1366	716							1370	719	+	1	-	3	1365	717	+	3	-	1	1410	721	-	1	-	5
TOPEKA											3152	-1063											3160	-1029				
HEEBNER SHALE	3389	-1307	3393	-1311	3401	-1319	+	12	+	8	3406	-1317	+	10	+	6	3399	-1317	+	10	+	6	3450	-1319	+	12	+	8
TORONTO	3410	-1328	3411	-1329	3419	-1337	+	9	+	8	3425	-1336	+	8	+	7	3418	-1336	+	8	+	7	3467	-1336	+	8	+	7
LKC	3435	-1353	3437	-1355	3446	-1364	+	11	+	9	3452	-1363	+	10	+	8	3444	-1362	+	9	+	7	3495	-1364	+	11	+	9
BKC	3690	-1608	3690	-1608	3700	-1618	+	10	+	10	3702	-1613	+	5	+	5	3699	-1617	+	9	+	9	3753	-1622	+	14	+	14
REWORKED ARBUCKLE																												
ARBUCKLE	3800	-1718	3811	-1729	3834	-1752	+	34	+	23	3844	-1755	+	37	+	26	3847	-1765	+	47	+	36	3848	-1717	-	1	-	12
TOTAL DEPTH	3899	-1817	3900	-1818	3843	-1761	-	56	-	57	3900	-1811	-	6	-	7	3887	-1805	-	12	-	13	3921	-1790	-	27	-	28

DST #1 LKC C 3447' - 3467'

Company: Jason Oil Company, LLC

Lease: Littler-Stull #1

SEC: 20 TWN: 16S RNG: 19W
County: RUSH
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 3
Elevation: 2072 EGL
Field Name: Litt
Pool: Infield
Job Number: 450
API #: 15-165-22174-00-00

Operation:
Test Complete

DATE
August
24
2020

DST #1 **Formation: Lans C** **Test Interval: 3447 - 3467'** **Total Depth: 3467'**

Time On: 21:21 08/24 Time Off: 05:12 08/25
Time On Bottom: 23:02 08/24 Time Off Bottom: 02:32 08/25

Recovered

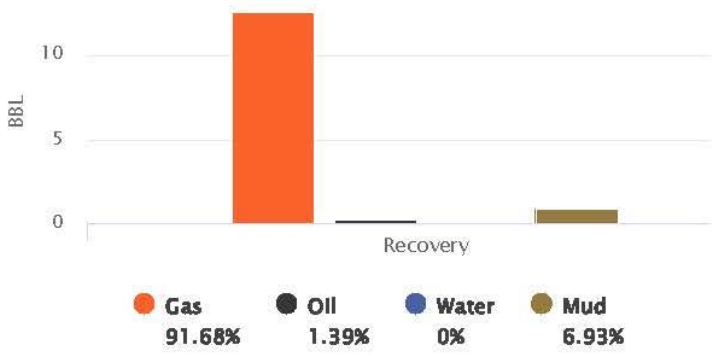
Foot	BBLS	Description of Fluid	Gas %	Oil %	Water %	Mud %
868	12.35164	G	100	0	0	0
32	0.45536	SLOCSLGCM	5	3	0	92
62	0.88226	OCGCM	20	20	0	60

Total Recovered: 962 ft
Total Barrels Recovered: 13.68926

Reversed Out
NO

Initial Hydrostatic Pressure	1652	PSI
Initial Flow	10 to 27	PSI
Initial Closed in Pressure	**893**	**PSI**
Final Flow Pressure	32 to 45	PSI
Final Closed in Pressure	**883**	**PSI**
Final Hydrostatic Pressure	1650	PSI
Temperature	115	°F
Pressure Change Initial Close / Final Close	1.1	%

Recovery at a glance



GIP cubic foot volume: 70.4668

DST #1 LKC C 3447' - 3467'

Company: Jason Oil Company, LLC

Lease: Littler-Stull #1

SEC: 20 TWN: 16S RNG: 19W
County: RUSH
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 3
Elevation: 2072 EGL
Field Name: Litt
Pool: Infield
Job Number: 450
API #: 15-165-22174-00-00

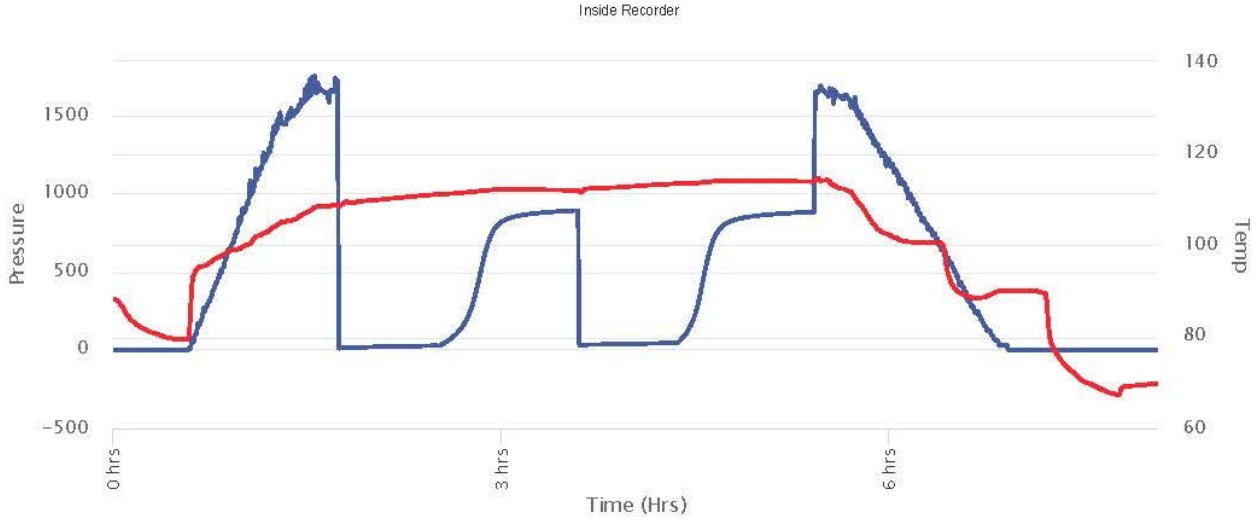
Operation:
Test Complete

DATE
August
24
2020

DST #1 **Formation: Lans C** **Test Interval: 3447 - 3467'** **Total Depth: 3467'**

Time On: 21:21 08/24 Time Off: 05:12 08/25
Time On Bottom: 23:02 08/24 Time Off Bottom: 02:32 08/25

Electronic Volume Estimate:	1st Open	1st Close	2nd Open	2nd Close
699'	Minutes: 45	Minutes: 60	Minutes: 45	Minutes: 60
	Current Reading:	Current Reading:	Current Reading:	Current Reading:
	33.6" at 45 min	0" at 60 min	47.1" at 45 min	0" at 60 min
	Max Reading: 33.6"	Max Reading: 0"	Max Reading: 47.1"	Max Reading: 0"



— Press(Psig) — Temp(F)

DST #2 ARBUCKLE 3762' - 3840'

Company: Jason Oil Company, LLC

Lease: Littler-Stull #1

SEC: 20 TWN: 16S RNG: 19W
County: RUSH
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 3
Elevation: 2072 EGL
Field Name: Litt
Pool: Infield
Job Number: 450
API #: 15-165-22174-00-00

Operation:
Uploading recovery & pressures

DATE
August
26
2020

DST #2 **Formation: Arbuckle** **Test Interval: 3762 - 3840'** **Total Depth: 3840'**

Time On: 15:20 08/26 Time Off: 03:15 08/27
Time On Bottom: 17:00 08/26 Time Off Bottom: 19:30 08/26

Recovered

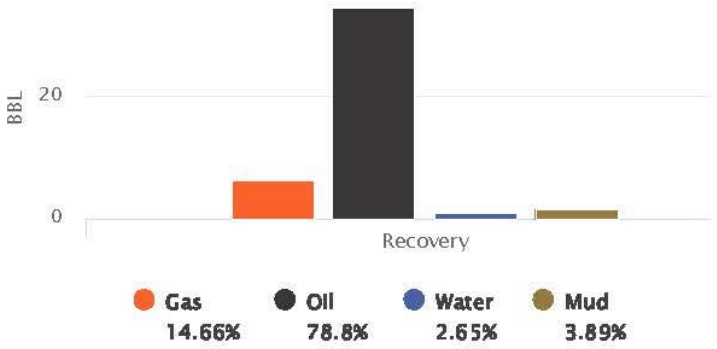
Foot	BBLS	Description of Fluid	Gas %	Oil %	Water %	Mud %
347	4.93781	G	100	0	0	0
2257	32.11711	O	0	100	0	0
252	3.58596	SLMCSLWCHGCO	32	34	17	17
189	2.68947	SLGCWCHOCM	10	30	20	40

Total Recovered: 3045 ft
Total Barrels Recovered: 43.33035

Reversed Out
YES

Initial Hydrostatic Pressure	1822	PSI
Initial Flow	329 to 638	PSI
Initial Closed in Pressure	**1148**	**PSI**
Final Flow Pressure	793 to 1057	PSI
Final Closed in Pressure	**1130**	**PSI**
Final Hydrostatic Pressure	1823	PSI
Temperature	126	°F
Pressure Change Initial Close / Final Close	1.5	%

Recovery at a glance



GIP cubic foot volume: 35.67602

DST #2 ARBUCKLE 3762' - 3840'

Company: Jason Oil Company, LLC

Lease: Littler-Stull #1

SEC: 20 TWN: 16S RNG: 19W
County: RUSH
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 3
Elevation: 2072 EGL
Field Name: Litt
Pool: Infield
Job Number: 450
API #: 15-165-22174-00-00

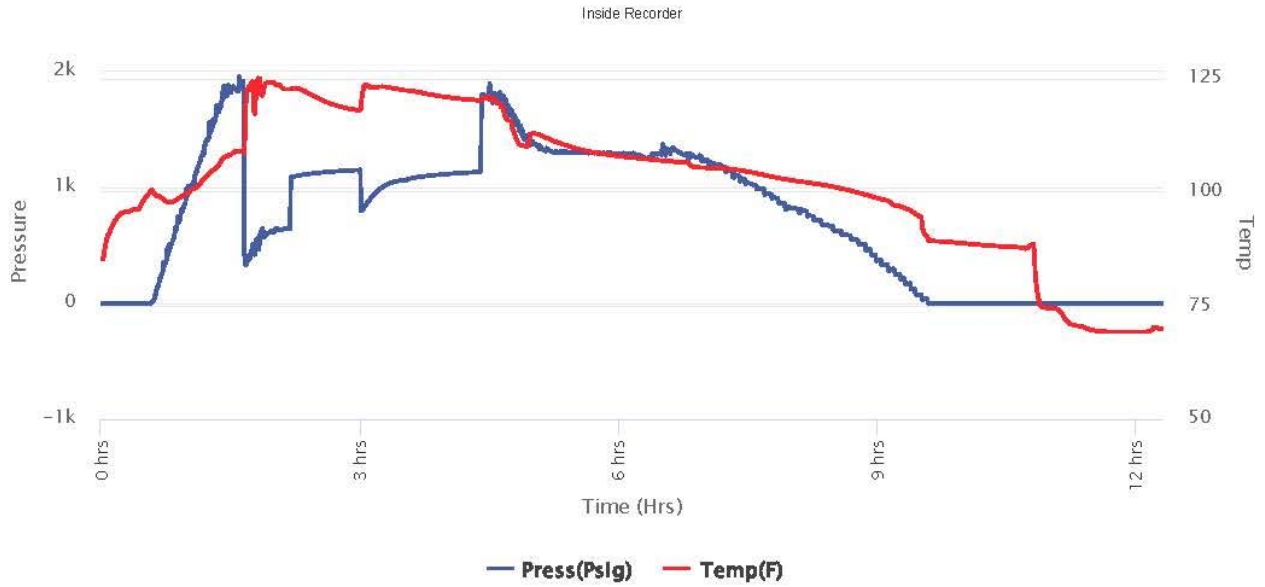
Operation:
Uploading recovery & pressures

DATE
August
26
2020

DST #2 **Formation: Arbuckle** **Test Interval: 3762 - 3840'** **Total Depth: 3840'**

Time On: 15:20 08/26 Time Off: 03:15 08/27
Time On Bottom: 17:00 08/26 Time Off Bottom: 19:30 08/26

Electronic Volume Estimate:	1st Open	1st Close	2nd Open	2nd Close
3719'	Minutes: 30	Minutes: 45	Minutes: 30	Minutes: 45
	Current Reading:	Current Reading:	Current Reading:	Current Reading:
	290.2" at 30 min	0" at 45 min	355.5" at 30 min	0" at 45 min
	Max Reading: 291.5"	Max Reading: .2"	Max Reading: 357"	Max Reading: 6"



ROCK TYPES

Cht	Dolprim	Dol Lime	Carbon Sh
Cht vari	Dolsec	shale, grn	Shblck
Chtcongl	Lmst fw7>	shale, gry	shale, red

ACCESSORIES

FOSSIL

Oolite

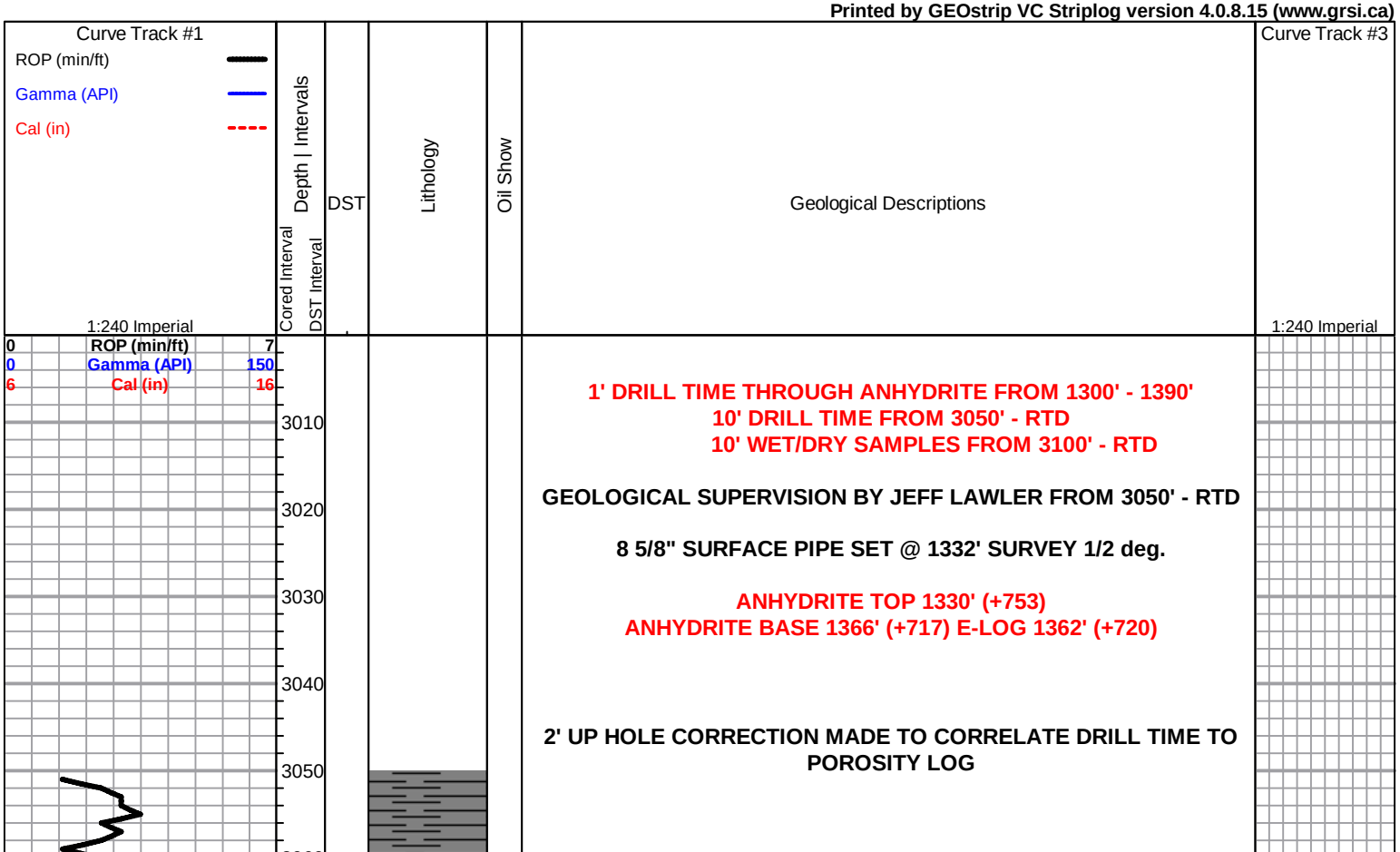
OTHER SYMBOLS

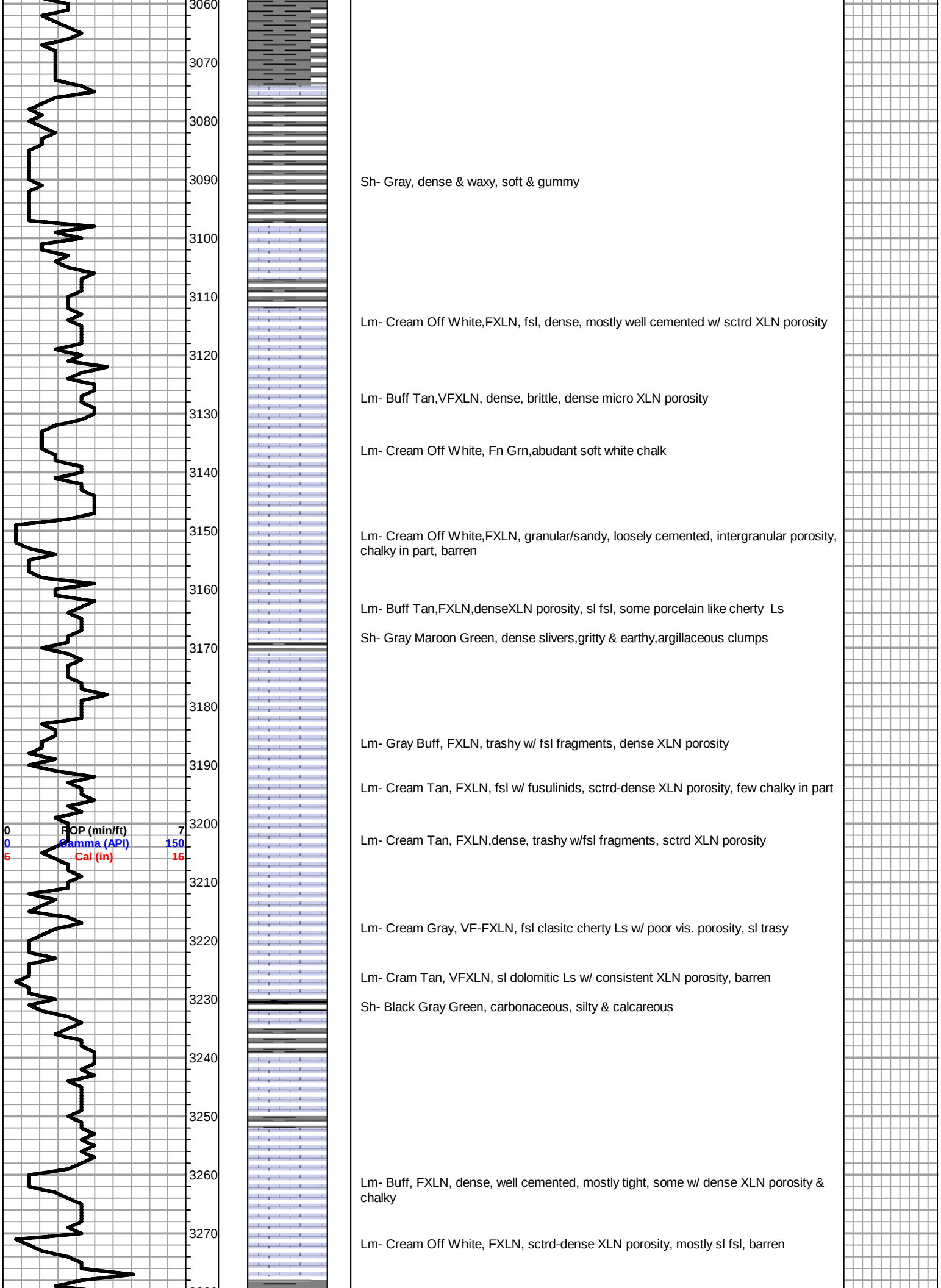
DST

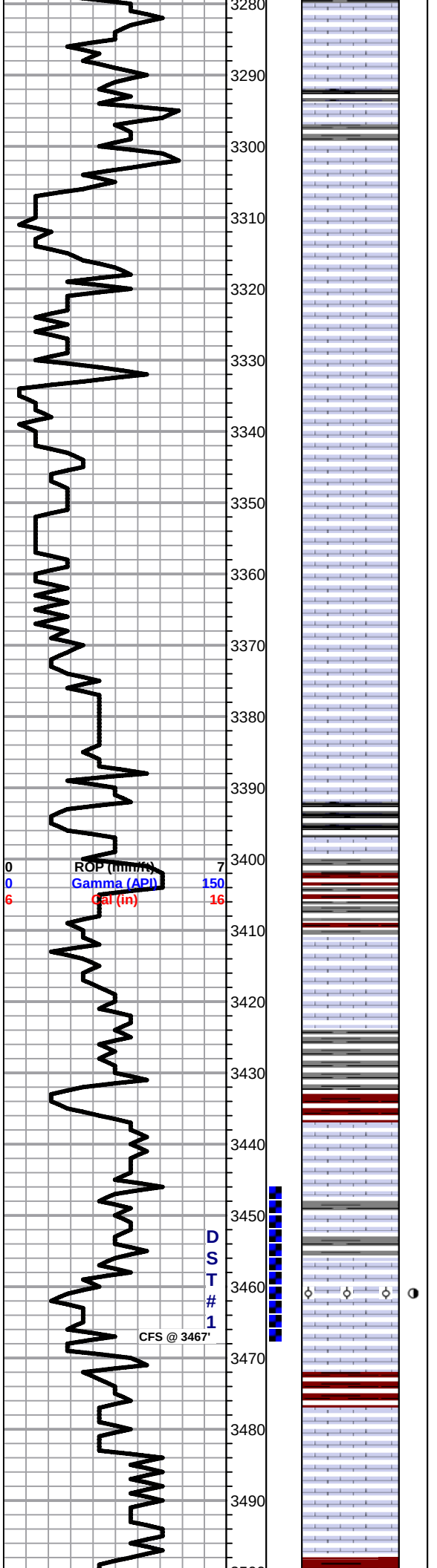
DST Int

DST alt

Printed by GEOstrip VC Striplog version 4.0.8.15 (www.grsi.ca)




0 ROP (min/ft) 7
0 Gamma (API) 150
6 Cal (in) 16
3060
3070
3080
3090
3100
3110
3120
3130
3140
3150
3160
3170
3180
3190
3200
3210
3220
3230
3240
3250
3260
3270
Sh- Gray, dense & waxy, soft & gummy
Lm- Cream Off White,FXLN, fsl, dense, mostly well cemented w/ sctrd XLN porosity
Lm- Buff Tan,VFXLN, dense, brittle, dense micro XLN porosity
Lm- Cream Off White, Fn Grn,abudant soft white chalk
Lm- Cream Off White,FXLN, granular/sandy, loosely cemented, intergranular porosity, chalky in part, barren
Lm- Buff Tan,FXLN,denseXLN porosity, sl fsl, some porcelain like cherty Ls
Sh- Gray Maroon Green, dense slivers,gritty & earthy,argillaceous clumps
Lm- Gray Buff, FXLN, trashy w/ fsl fragments, dense XLN porosity
Lm- Cream Tan, FXLN, fsl w/ fusulinids, sctrd-dense XLN porosity, few chalky in part
Lm- Cream Tan, FXLN,dense, trashy w/fsl fragments, sctrd XLN porosity
Lm- Cream Gray, VF-FXLN, fsl clasitc cherty Ls w/ poor vis. porosity, sl trasy
Lm- Cram Tan, VFXLN, sl dolomitic Ls w/ consistent XLN porosity, barren
Sh- Black Gray Green, carbonaceous, silty & calcareous
Lm- Buff, FXLN, dense, well cemented, mostly tight, some w/ dense XLN porosity & chalky
Lm- Cream Off White, FXLN, sctrd-dense XLN porosity, mostly sl fsl, barren



Lm- Cream Off White, FXLN, loosely cemented, sl fsl, chalky

Sh- Black Gray White, carbonaceous, dense slivers, gummy clumps

Lm- Cream Buff, FXLN, dense, well cemented, dense XLN porosity, sl fsl

Lm- Cream Off White, FXLN, dense XLN porosity

Lm- A/A

Lm- Cream Off White, FXLN, loosely cemented & crumbley, sl fs, chalky in part

Lm- Buff, FXLN, fsl, dense XLN porosity

Lm- Cream Off White, FXLN, sl dolomitic Ls w/ mostly consistent porosity, few pcs w/ rare sctrd small vugs, sctrd reXLN porosity, barren

Lm- Cream Off White, FXLN, sl fsl, sctrd-dense XLN porosity, barren

HEEBNER 3393' (-1311) E-LOG 3389' (-1307) Sh- Black Gray Maroon Green, fissile & carbonaceous, dense & waxy, sl gummy

TORONTO' 3411' (-1329) E-LOG 3410' (-1328) Lm- Cream Off White, FXLN, sl fsl & dolomitic, massive, sctrd-dense XLN porosity, clean & barren

Lm- Cream Off White, FXLN, fsl w/ sctrd XLN porosity

Sh- Maroon Gritty & earthy

LKC 3437' (-1355) E-LOG 3435' (-1353) Lm- Cream Tan, VF-FXLN, fsl & sl oolitic, well cemented, sctrd micro XLN porosity, sl cherty, barren

Lm- Gray, FXLN, dense, sl fsl, trashy w/ sctrd XLN porosity, barren

Lm- Cream Off White, FXLN, fsl & sl oolitic, sctrd fn ppt & XLN porosity, some w/ reXLN, LT SCTRD STN, TR FRO, FR ODR IN 60" SAMPLE

Lm- Cream Off White, VF-FXLN, mostly tight, sl fsl, poorly dev. w/ sctrd XLN porosity

Lm- Cream Tan, VFXLN, dense, well cemented, tight w/ sctrd micro XLN to XLN porosity, barren

SHORT TRIP
STRAP +0.37'
SURVEY 3/4 deg.

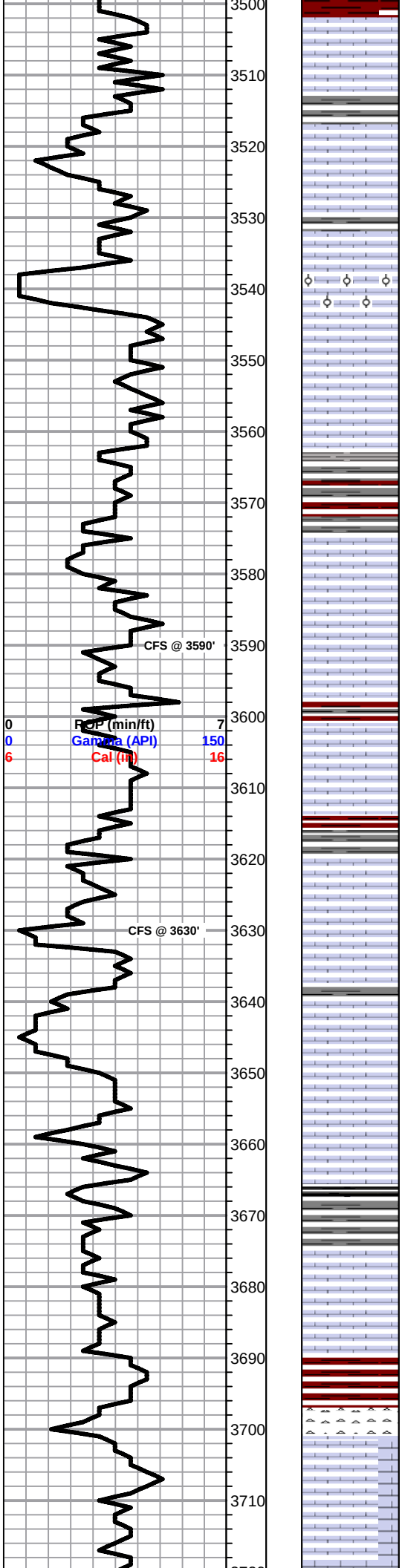
DST #1 LKC C
3447' - 3467'
40-60-45-60

868' GIP
94' TOTAL FLUID

32' SLOCGM
(5%G, 3%O, 92% M)

62' OGCM
(20%G, 20%O, 60%M)

IFP: 10-27#
FFP: 32-45#
SIP: 893-883#
BHT:115 deg.



Sh- Maroon Green Gray, earthy, sl calcareous, dense & waxy

Lm- Cream Off White, FXLN, sl fsl, mostly tight w/ sctrd XLN porosity, barren

Lm- Cream Tan, FXLN, sl fsl, some sl dolomitic, mostly consistent micro XLN porosity w/ some sctrd fn ppt porosity, all clean & barren

Lm- Cream Off White, FXLN, fsl, A/A, some loosely cemented w/ XLN porosity, barren

Lm- Cream Off White, FXLN, oolitic & sl fsl, clastic, abundant clear replacement cementation, dense XLN & sctrd vuggy porosity, clean & barren

Lm- Cream Tan, VFXLN, dense, porcelain like cherty Ls w/ no to min. vis. porosity

Lm- Cream Off White, FXLN, fsl, loosely cemented & crumbley, dense XLN porosity, much soft white chalk, barren

Lm- Cream Off White Buff, VFXLN, dense & poorly dev. w/ min. vis. porosity, clean & barren

Lm- Cream off White, FXLN, few pcs w/ dense XLN porosity, most poorly dev. w/ sctrd micro XLN-XLN porosity, barren

Lm- Cream Transulcent, VF-FXLN, oolitic/oomoldic, densely packed oolites, sctrd vugular molds/casts, poor matrix porosity, clean & barren

Lm- Cream Tan, FXLN, oolitic/oomoldic, massive, dense XLN porosity & sctrd vuggy porosity, barren w/ poorly dev. w/ min. vis. porosity, some soft white chalk

Lm- Tan, VFXLN, oolitic cherty Ls w/ no vis. porosity

Sh- Black Green Maroon, carbonaceous, semi-waxy, gritty & earthy

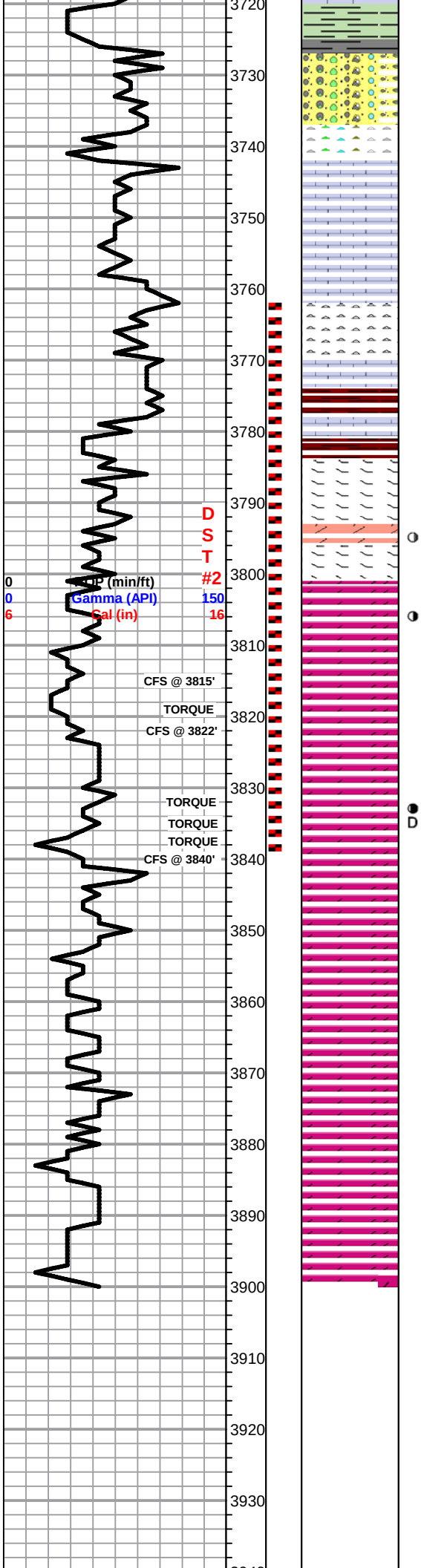
Lm- Cream Off White, VF-FXLN, dense, well cemented, poor vis. porosity, barren

BKC 3690' (-1608) E-LOG 3690' (-1608) Sh- Gray Maroon, soft semi-calcareous, gritty & earthy

Chert- Salmon Transulcent, fresh bedded vitreous

Lm- Off White Cream, FXLN, dense, well cemented, XLN porosity, barren

Lm- Buff, VFXLN, dense cherty Ls w/o vis. porosity



Conglomerate- various dark colored fresh bedded vitreous chert

Chert- detritial & fsl fresh bedded chert A/A

Lm- Cream Off White, VF-FXLN, dense, well cemented, tight w/ poor vis. porosity

Chert- Cream Salmon/Translucent, fresh bedded vitreous chert, w/ few pcs of cream dolomitic chert

Lm- Cream Off White, FXLN, loosely cemented, chalky, poor vis. porosity, barren

Lm/Chert- Cream Off White, FXLN, limey chert/cherty Ls w/ dense micro XLN porosity, barren

Dolomite- Cream Buff, VFXLN, dense, well cemented, consistent microXLN porosity, barren, FEW PCS OF CONGLOMERATE SAND & CREAM SEMI-RHOMBIC FXLN DOLOMITE, TR STN, 1 PC W/ TR FRO, NO ODR

ARBUCKLE 3811' (-1729) E-LOG 3800' (-1718) Dolomite- Cream White, F-MXLN, tight-well dev. & rhombic, XLN-sctrd interXLN porosity, some w/ white cementation, SCTRD DRK STN, PEW PCS W/ TR FRO, FR ODR, STREAMING YLW FLOR., considerable amount of barren dolomite A/A

Dol- Cream Off White, F-MXLN, consistent XLN porosity, well cemented, clean & barren

Dol- Off White Cream, FXLN, semi-friable, well dev. w/ consistent interXLN porosity, VRY LT SCTRD STN, NSFO, FR-GD ODR, SLW STREAMING WET CUT ON FEW PCS, few pcs w/ black tarry residual stn

Dol- Tan Buff, VF-FXLN, dense, well cemented, consistent microXLN porosity, several pcs of translucent & white chert/cherty dolomite, few pcs of oolitic chert, all clean & barren

Dol- A/A w/ influx of tan, massive, decreased vis. porosity, barren

Dol- Off White Cream, VF-FXLN, mostly well cemented, several pcs semi-friable, consistent porosity throughout, clean & barren

Dol- Cream Buff, mostly VF-FXLN, well cemented, consistent XLN porosity, few pcs of well dev. MXLN w/ XLN porosity throughout, all barren

RTD 3900' (-1818) LTD 3899' (-1817) @ 0830 8/27/20

DST#2
ARBUCKLE
3762' - 3840'
30-45-30-45

347' GIP
2698' TF

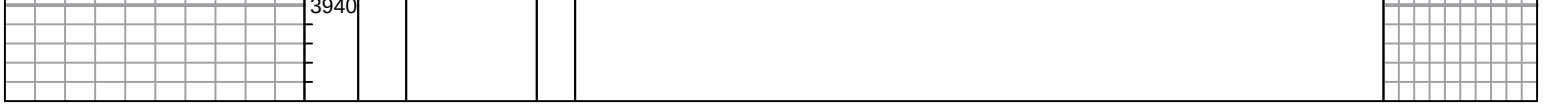
2257' OIL Gr: 40.9

252' MWHGCO (32%G, 34%O, 17%W,17%M)

189' GWHOCM (10%G, 30%O, 20%W, 40%M)

IFP: 329-638#
FFP: 793-1057#
SIP: 1148-1130#
BHT: 126 deg.

10 STND SHORT TRIP@ 3815'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