

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](mailto: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
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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
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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:	
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# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071

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

No. 3304

Date	11-28-22	Sec.	20	Twp.	10	Range	20	County	ROOKS	State	KS	On Location		Finish	8:00pm
								Location							
								PALCO 85 TOCCRD 3W							

Lease	HAMIATON	Well No.	2	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.
Contractor	Discovery				
Type Job	SURFACE				
Hole Size	12 1/4	T.D.	266	Charge To	JASON OIL CO
Csg.	8 3/4	Depth		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.	15	Shoe Joint		Cement Amount Ordered	165 89/20-3-2
Meas Line		Displace	16 bbls		

**EQUIPMENT**

Pumptrk	17	No.	Cementer	Bill	Common	132
			Helper		Poz. Mix	33
Bulktrk		No.	Driver	JORDAN	Gel.	3
Bulktrk	14	No.	Driver		Calcium	6
			Driver	CORY		

**JOB SERVICES & REMARKS**

Remarks:		Salt
Rat Hole		Flowseal
Mouse Hole		Kol-Seal
Centralizers		Mud CLR 48
Baskets		CFL-117 or CD110 CAF 38
D/V or Port Collar		Sand
Set e 266		Handling 174
Cont w/ 165 A/		Mileage
Pump plug w/ 16 bbls		
Cement DID CIRC		

**FLOAT EQUIPMENT**

	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

	Pumptrk Charge
	Mileage 35

	Tax
	Discount
	Total Charge
Signature	Thanks



# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071

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

No. 3311

Cell 785-324-1041

Date	12-4-22	Sec.	2	Twp.	10	Range	20	County	ROCK	State	KS	On Location		Finish	6:00AM
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Location PAKORS 2W

Lease HAMILTON Well No. 2 Owner

Contractor Discovery 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 PTA Charge To WASON OIL

Hole Size 7 7/8 T.D. 3850

Csg. Depth 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. Shoe Joint Cement Amount Ordered 305 69/40-4 4" Flow Seal

Meas Line Displace

EQUIPMENT			Common
Pumptrk	No.	Cementer Helper	<u>183</u>
		<u>Bill</u>	Poz. Mix <u>122</u>
Bulktrk	No.	Driver	Gel. <u>11</u>
		<u>JORDAN</u>	
Bulktrk	No.	Driver	Calcium
		<u>Bryant</u>	

### JOB SERVICES & REMARKS

Remarks: Salt

Rat Hole 15 Flowseal 75#

Mouse Hole 30 Kol-Seal

Centralizers Mud CLR 48

Baskets CFL-117 or CD110 CAF 38

D/V or Port Collar Sand

3733 50# Handling 3/6

1700 50# Mileage

900 100#

325 50# Guide Shoe

40 10# Centralizer

Baskets

AFU Inserts

Float Shoe

Latch Down

WOOD Plug - 1

Pumptrk Charge

Mileage 25 PLUG

Signature [Signature] Tax

Discount

Total Charge

Thanks

Scale 1:240 Imperial

Well Name: HAMILTON #2  
Surface Location: SE NW NE SW Sec. 20 - 10S - 20W  
Bottom Location:  
API: 15-163-24472  
License Number: 33813  
Spud Date: 11/28/2022 Time: 12:00 AM  
Region: ROOKS COUNTY KANSAS  
Drilling Completed: 12/3/2022 Time: 11:30 PM  
Surface Coordinates: 2213' FSL & 3340' FEL  
Bottom Hole Coordinates:  
Ground Elevation: 2149.00ft  
K.B. Elevation: 2156.00ft  
Logged Interval: 2900.00ft To: 3850.00ft  
Total Depth: 3850.00ft  
Formation: TOPEKA; 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: HAMILTON #2  
Location: SE NW NE SW Sec. 20 - 10S - 20W  
API: 15-163-24472  
Pool: State: KANSAS Field: TRICO  
Country: USA

**SURFACE CO-ORDINATES**

Well Type: Vertical  
Longitude: -99.579561  
Latitude: 39.167709  
N/S Co-ord: 2213' FSL  
E/W Co-ord: 3340' FEL

**LOGGED BY**



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: DISCOVERY DRILLING  
Rig #: 4  
Rig Type: MUD ROTARY  
Spud Date: 11/28/2022 Time: 12:00 AM  
TD Date: 12/3/2022 Time: 11:30 PM  
Rig Release: 12/4/2022 Time: 6:00 AM







Depth |  
Cored Interval  
DST Interval

DST

Lithology

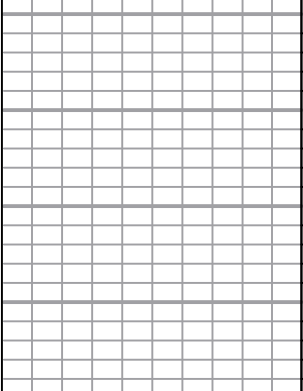
Oil Show

Geological Descriptions

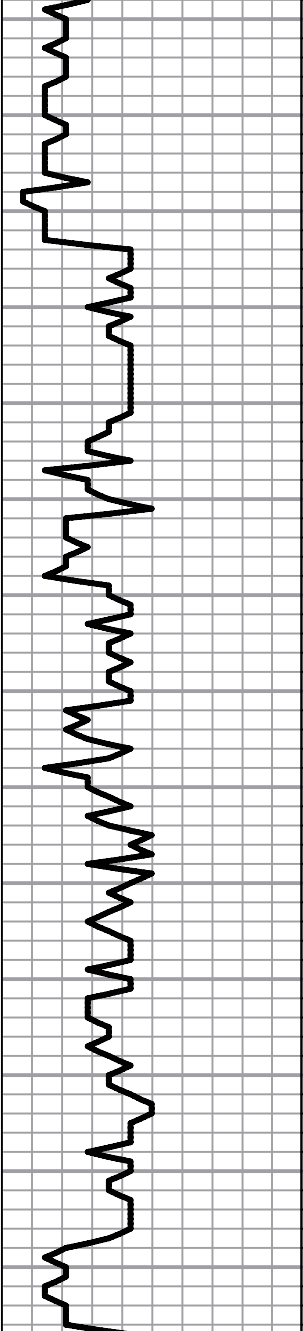
1:240 Imperial

1:240 Imperial

0 ROP (min/ft) 7  
0 Gamma (API) 150  
6 Cal (in) 16



0 ROP (min/ft) 7  
0 Gamma (API) 150  
6 Cal (in) 16



**1' DRILL TIME THROUGH ANHYDRITE FROM 1630' - 1710'**  
**1' DRILL TIME FROM 3000' - RTD**  
**10' WET/DRY SAMPLES FROM 3050' - RTD**

**GEOLOGICAL SUPERVISION BY JEFF LAWLER FROM 3000' - RTD**

**8 5/8" SURFACE PIPE SET @ 266' SURVEY 1 deg.**

**ANHYDRITE TOP 1653' (+503) E-LOG 1651' (+505)**  
**ANHYDRITE BASE 1693' (+463) E-LOG 1690' (+466)**

**BIT TRIP @ 2963' SURVEY 1/2 deg.**

Sh- Black Gray, waxy, argillaceous, semi-sandy

Lm- Cream Lt Gray, FXLN, fsl, grainy, well cemented w/ sctrd XLN por, barren

Lm- Cream Buff, VF-FXLN, dns, well cemented, sl fsl, mix of min. vis. por & dns XLN por

Lm- Cream, FXLN, hvy fsl, dns XLN por, barren

Lm- Gray Buff, FXLN, dns & well cemented, hvy fsl w/ fragments, sctrd XLN por

Sh- Black Gray, sl fsl, calcareous, some argillaceous & sandy

Lm- Cream Off White, FXLN, hvy fsl, semi-clastic, dns XLN por, sctrd reXLN & clear replacement cementation, all barren, few pcs of sl cherty Ls

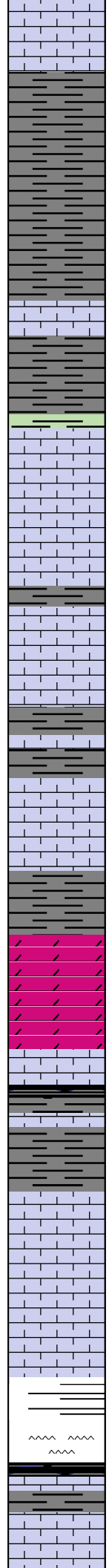
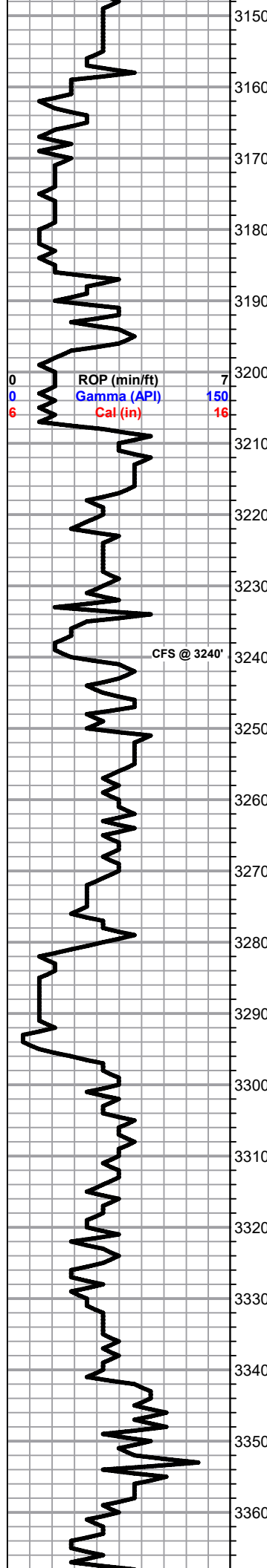
Lm- Cream, FXLN, fsl & oolitic, dns XLN por, barren

Sh- Gray, waxy, sandy Ss- Fn Grn, consolidated & well sorted, well cemented, consistent intergranular por, barren

Lm- Cream Off White, FXLN, mix of sl cherty & sl dolomitic Ls, fsl, some massive w/ consistent micro XLN por, cherty Ls tight w/ min. vis. por, all barren

Sh- Gray, dns & waxy

ANDY'S MUD &  
CHEMICAL  
CK @ 3121'  
WT: 8.6  
VIS: 52  
WL: 6.8  
CHLOR: 2800  
LCM: 1.5#



Lm- Cream Gray Buff, FXLN, high-energy w/ hvy fsl frag, dns XLN & fractured por

Sh- Gray, waxy, calcareous, argillaceous wash

Sh- A/A w/ earthy maroon & sandy shale

Sh- Gray Green Maroon, semi-waxy, argillaceous

Lm- Cream, FXLN, massive, sl fsl, sl dolomitic, dns XLN por, well dev. barren

Sh- Gray Green Maroon, calcareous, argillaceous

**TOPEKA 3207' (-1051) E-LOG 3208' (-1052)** Lm- Off White Cream, FXLN, hvy fsl & sl oolitic, dns XLN por, dns clear replacement cementation, barren, some sl chalky in part

Lm- Cream Buff Tan, VFXLN, dns tight cherty Ls w/ min. vis. por, barren

Lm- Tan, FXLN, well cemented dolomitic Ls, granular w/ consistent vry fn ppt por. throughout & sctrd ppt por., LT SCTRDR STN, NSFO, WK ODR

Chert/Lm- Lt Gray/White, fsl mix of vitreous chert & well cemented cherty Ls w/o vis. por, barren

Lm- Cream Tan, VF-FXLN, fsl, all well cemented, some tight cherty Ls, sctrd XLN por, poorly dev., barren

Lm- Cream, FXLN, hvy fsl & sl oolitic, dns XLN & sctrd reXLN por, some sctrd clear replacement cementation

Sh- Gray Green, calcareous, argillaceous

Dol- Tan Cream, FXLN, well cemented w/ consistent XLN por throughout, mottled, barren

Sh- Black Gray, fissile & carbonaceous, calcareous, argillaceous

Lm- Cream Buff Tan, FXLN, well cemented, few sl fsl, mostly tight w/ sctrd XLN por, some granular sl dolomitic Ls, vry clean & barren

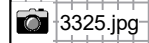
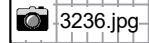
Lm- Off White Cream Tan, most sl fsl, poorly dev. w/ sctrd XLN por, several pcs of granular dolomitic Ls w/ consistent XLN por, SCTRDR LT STN, TR FO UPON CRUSH, TR ODR??

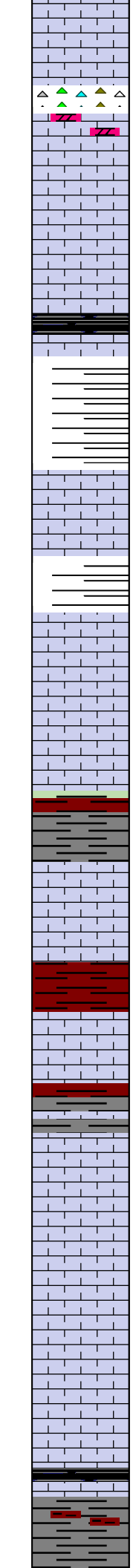
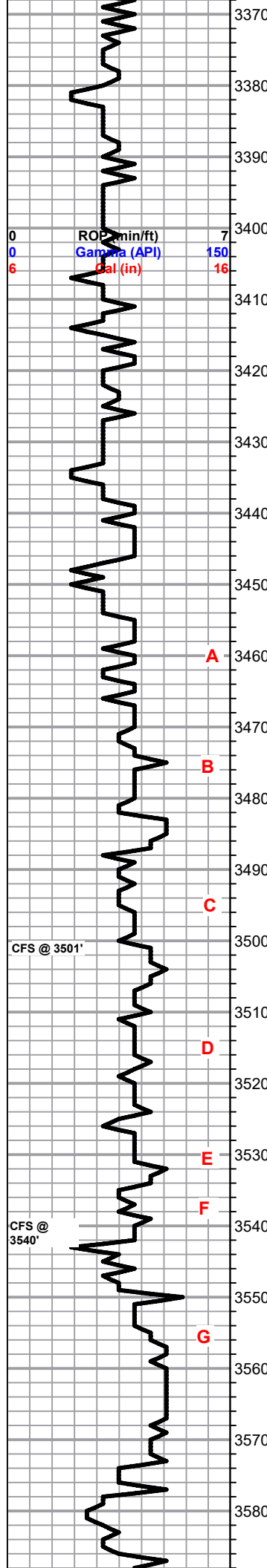
Lm- Cream Tan, FXLN, fsl, sctrd XLN por, sl trashy, mottled, barren

Sh- Gray Green Maroon, soft argillaceous clumps, several pcs of tan vitreous cryptoXLN chert

Sh- Black Gray Maroon, carbonaceous, waxy, earthy

Lm/Chert- Cream Tan Buff, VF-FXLN, poorly dev. mix, few sl fsl, most w/ sctrd XLN por, several pcs of vitreous or fsl dolomitic chert, all barren





Lm- Tan Buff, VF-FXLN, well cemented, dns, poorly dev. few sl fsl, several loose crinoids, all barren

Lm- Cream Off White, mix of sl fsl, well cemented, tight w/ sctrd XLN por Ls & dolomitic cherty Ls, fsl, gritty w/ sctrd XLN & sctrd vry fn ppt por, all vry clean & barren

Lm- Cream, FXLN, fsl, sctrd-dns XLN por, some loosely cemented, sctrd-hvy mottling, barren

**HEEBNER 3413' (-1257) E-LOG 3411' (-1255)** Sh- Black Gray, fissile & carbonaceous, argillaceous clumps

Abundant argillaceous clumps

**TORONTO 3433' (-1277) E-LOG 3434' (-1278)** Lm- Off White Cream, FXLN, dns & well cemented, fsl & oolitic, Ls & cherty Ls w/ dns XLN & dns secondary reXLN por & veins, barren

Sh- Maroon, abundant argillaceous clumps

**LKC 3451' (-1295) E-LOG 3454' (-1298)** Lm/Chert- Off White, FXLN, well cemented fsl & oolitic, dns XLN por, mixed w/ oolitic fresh bedded vitreous cryptoXLN chert, all barren & vry clean

Lm- Off White, VF-FXLN, dns, well cemented, tight w/ sctrd XLN por, vry clean & barren

Sh- Maroon Gray Green, waxy

Lm- Off White, F-MedXLN, oolitic mix w/ sctrd XLN & sctrd fn ppt interoolite por, SCTRD DRK STN, NSFO, TR ODR & densely packed small oolites w/ sctrd XLN por & sl oolitic w/ sctrd XLN por, barren

Lm- Cream Buff, VF-FXLN, sl fsl, mostly tight w/ sctrd XLN por, barren

Sh- Maroon Gray Green, few sl fsl, calcareous, earthy

Lm- Off White, FXLN, sl fsl, mostly tight w/ sctrd XLN & sctrd dns vry fn ppt por, SCTRD DRK STN, NSFO, NODR

Lm- Cream Buff, VF-FXLN, dns, well cemented, tight w/ sctrd XLN por, vry clean & barren

Sh- Gray Maroon, sl waxy, earthy

Lm- Buff, FXLN, grainy dolomitic Ls w/ consistent microXLN por throughout, barren

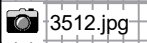
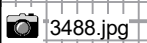
Lm- Off White, FXLN, fsl & sl oolitic, sctrd-dns XLN por, some sctrd reXLN, 2 PCS W/ WK DRK STN, NSFO, NODR

Lm- Cream, VF-FXLN, densely packed small oolites, dns fractured micro XLN por, many w/o vis. por, well cemented, barren

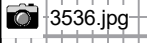
Lm- Off White, VF-FXLN, A/A w/ only sctrd micro XLN por, cherty Ls

Lm- Cream, VFXLN, dns, well cemented, min. vis. por, some sctrd reXLN inclusions, several pcs of citreous cryptoXLN chert, vry clean & barren

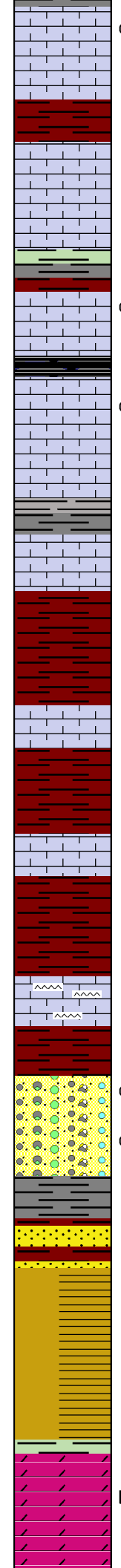
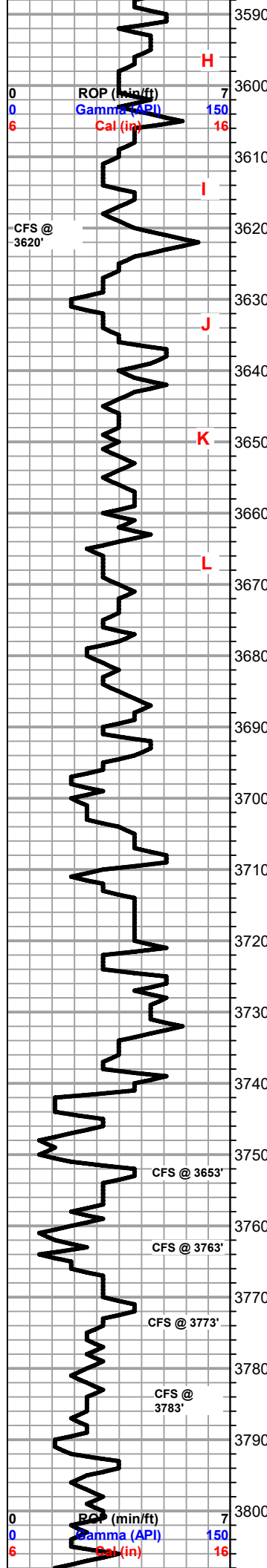
Sh- Black Gray Maroon, fissile & carbonaceous, sl calcareous, earthy



ANDY'S MUD & CHEMICAL  
CK @ 3528'  
WT: 9.0  
VIS: 58  
WL: 7.2  
CHLOR: 2K  
LCM: 1.5#







Lm- Cream, FXLN, hvy fsl, dns XLN & sctrd fn ppt por, SCTRDRK STN, TR FO, NO ODR

Lm- Cream Off White, FXLN, well cemented & tight w/ sctrd XLN por, barren

Sh- Maroon Gray, earthy, semi-waxy

Lm- Tan, VFXLN, dns tight cherty Ls w/ min. vis. por

Lm- Cream, FXLN, fsl & oolitic, mod. dev. w/ sctrd XLN & few w/ sctrd vry fn ppt por, SCTRDR LT STN, 1-2 PCS W/ TR FO, WK ODR

Sh- Black Gray Maroon, carbonaceous, sl calcareous, earthy

Lm- White, VF-FXLN, dns, mix of well cemented to loosely cemented & chalky in part, sctrd XLN & sctrd dns vry fn ppt por, SCTRDRK STN, NSFO, NODR

Lm- Cream Off White, VF-FXLN, few w/ micro pyrite & glauconite inclusions, sctrd XLN por, few chlalky in part, vry clean & barren

Sh- Gray Green Maroon, sl calcareous, waxy

Lm- Cream Tan, VF-FXLN, dns, well cemented, tight w/ sctrd XLN por, barren

**BKC 3674' (-1518) E-LOG 3672' (-1516)** Sh- Maroon Gray Green, waxy, sandy, argillaceous clumps, calcareous

Lm- Cream/Maroon, conglomerate Ls, sandy Ls

Sh- Maroon Brown Gray White, abundant argillaceous clumps, earthy, waxy

Lm- Cream/Maroon, FXLN, dns XLN por, speckled w/ maroon, glauconite, & med grn rounded qtz inclusions, barren

Sh- Maroon Gray, argillaceous wash, sl waxy

Lm/Chert- Various colored loosely cemented sandy Ls w/ consistent interparticle por., barren, Mix of vitreous fresh bedded & conglomerate chert

Conglomerate Chert- Various dark colored, mostly conglomerate, massive, sctrd XLN & fn ppt por, SEVERAL W/ DRK BLEEDING OIL, NO ODR, several pcs of dolomitic chert

Chert- White, FXLN, dolomitic chert w/ mostly consistent vry fn ppt por, SAT BLK STN, SFO, NODR

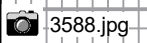
Sh/Ss- Maroon Gray Mint Green, earthy & waxy, Ss- Fn Grn, loosely cemented, Black w/ maroon shale, rounded, consolidated & mod. sorted, no stain/show/odor

Sh/Ss- A/A

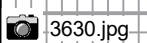
A/A

A/A w/ influx of waxy maroon shale

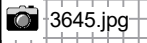
**ARBUCKLE 3795' (-1639) E-LOG 3791' (-1635)** Dol- White Cream Pink, F-MedXLN, most sucrosic, consistent micro XLN to XLN & fn ppt por, SEVERAL PCS W/ BLK GILSONITE STN, NSFO, NODR,



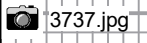
3588.jpg



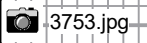
3630.jpg



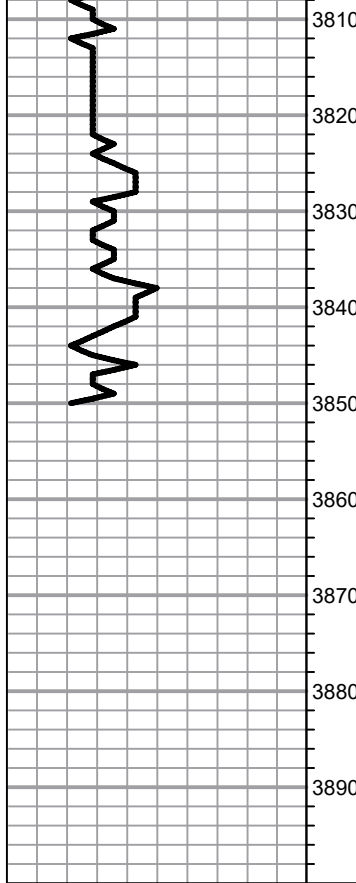
3645.jpg



3737.jpg



3753.jpg



Dol- A/A w/ FXLN sl cherty Ls, barren

Dol- Buff, FXLN, sucrosic, well dev. w/ consistent XLN por throughout, barren

Dol- Off White, Med-CrsXLN, sucrosic w/ vis. rhombs, XLN & fn ppt throughout, barren

Dol- Buff, VF-MedXLN, all mostly tight, semi-sucrosic, microXLN-XLN por, barren

**RTD 3850' (-1694) LTD 3851' (-1695) @ 11:30 12/3/2022**

ANDY'S MUD &  
CHEMICAL  
CK @ 3826'  
WT: 9.2  
VIS: 66  
WL: 8.0  
CHLOR: 2200  
LCM: 2#

SHORT TRIP  
CTCH  
SURVEY 2 deg.  
TOH FOR LOG  
GEMINI





























