

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 Date Reached TD Completion Date or
Recompletion Date 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
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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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Form	ACO1 - Well Completion
Operator	Lebsack Oil Production Inc.
Well Name	PFEIFER-AMYX 2
Doc ID	1484011

Tops

Name	Top	Datum
Heebner	3792	-874
Toronto	3808	-890
Lansing	3886	-968
Base KC	4305	-1387
Marmaton	4332	-1414
Pawnee	4413	-1495
Ft. Scott	4443	-1525
Mississippi	4678	-1760
RTD	4860	-1942



Joshua R. Austin

Petroleum Geologist

report for



Lebsack Oil Production, Inc.

COMPANY: Lebsack Oil Production, Inc.

LEASE: Pfeifer-Amyx #2

FIELD: Tanker

LOCATION: 1320' FSL & 330' FWL

SEC: 7 TWSP: 22s RGE: 33w

COUNTY: Finney STATE: Kansas

KB: 2918' GL: 2905'

API # 15-055-22529-00-00

CONTRACTOR: Sterling Drilling Company (rig #5)

Spud: 11/20/2019 Comp: 11/26/2019

RTD: 4855' LTD: 4860'

Mud Up: 3485' Type Mud: Chemical was displaced

Samples Saved From: 3600' to RTD.

Drilling Time Kept From: 3600' to RTD.

Samples Examined From: 3600' to RTD.

Geological Supervision From: 3850' to RTD.

Geologist on Well: Josh Austin

Surface Casing: 8 5/8" @ 479'

Production Casing: 5 1/2" @ 4851'

Electronic Surveys: Pioneer Energy Services

NOTES

On the basis of the structural position, shows in the samples and after reviewing the electric log it was recommended by all parties involved to run 5 1/2" production casing and further test the zones. No drill stem test were ran.

Lebsack Oil Production, Inc.

well comparison sheet

DRILLING WELL

COMPARISON WELL

COMPARISON WELL

Formation	2918 KB				2917 KB				Structural Relationship		2919 KB		Structural Relationship	
	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log		
Anhydrite	2019	899			2016	901	-2		2014	905	-6			
B/ Anhydrite	2034	884			2034	883	1		2028	891	-7			
Heebner	3788	-870	3792	-874	3792	-875	5	1	3784	-865	-5	-9		
Toronto	3802	-884	3808	-890	3805	-888	4	-2	3800	-881	-3	-9		
Lansing	3880	-962	3886	-968	3881	-964	2	-4	3875	-956	-6	-12		
base porosity	4154	-1236	4154	-1236	4155	-1238	2	2	4149	-1230	-6	-6		
Base KC	4306	-1388	4305	-1387	4309	-1392	4	5	4299	-1380	-8	-7		
Marmaton	4334	-1416	4332	-1414	4337	-1420	4	6	4325	-1406	-10	-8		
Pawnee	4408	-1490	4413	-1495	4414	-1497	7	2	4404	-1485	-5	-10		
Ft. Scott	4436	-1518	4443	-1525	4445	-1528	10	3	4438	-1519	1	-6		
Cherokee Sh.	4446	-1528	4450	-1532	4450	-1533	5	1	4444	-1525	-3	-7		
Morrow Shale	4632	-1714	4636	-1718	4639	-1722	8	4	4630	-1711	-3	-7		
Mississippi	4676	-1758	4678	-1760	4691	-1774	16	14	4661	-1742	-16	-18		
St. louis C	4759	-1841	4759	-1841	4762	-1845	4	4	4758	-1839	-2	-2		
RTD	4855	-1937			4860	-1943			4860	-1941				
LTD	4860	-1942			4859	-1942			4860	-1941				

ROCK TYPES

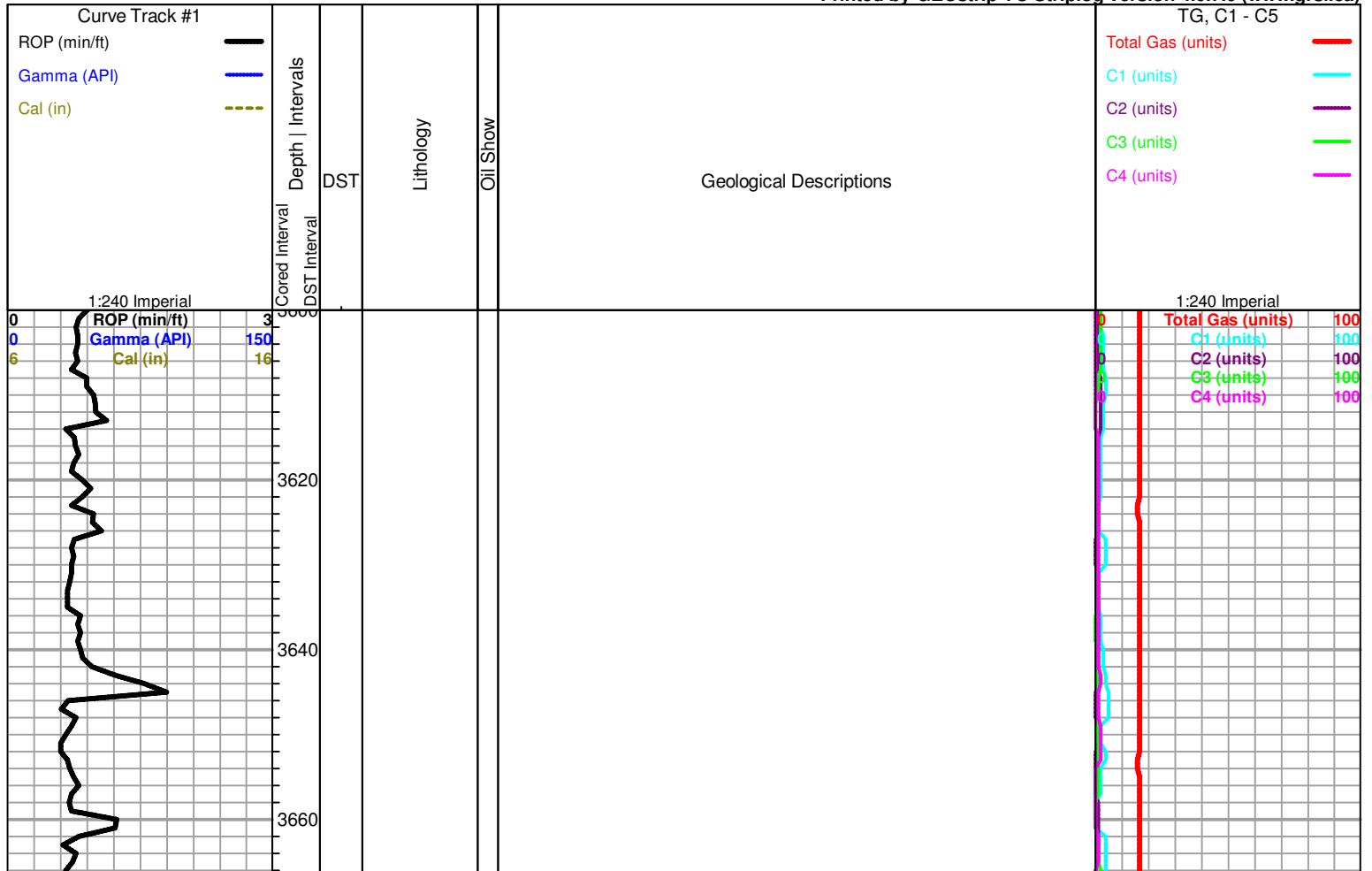
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	Lmst fw7>		shale, gry		Ss

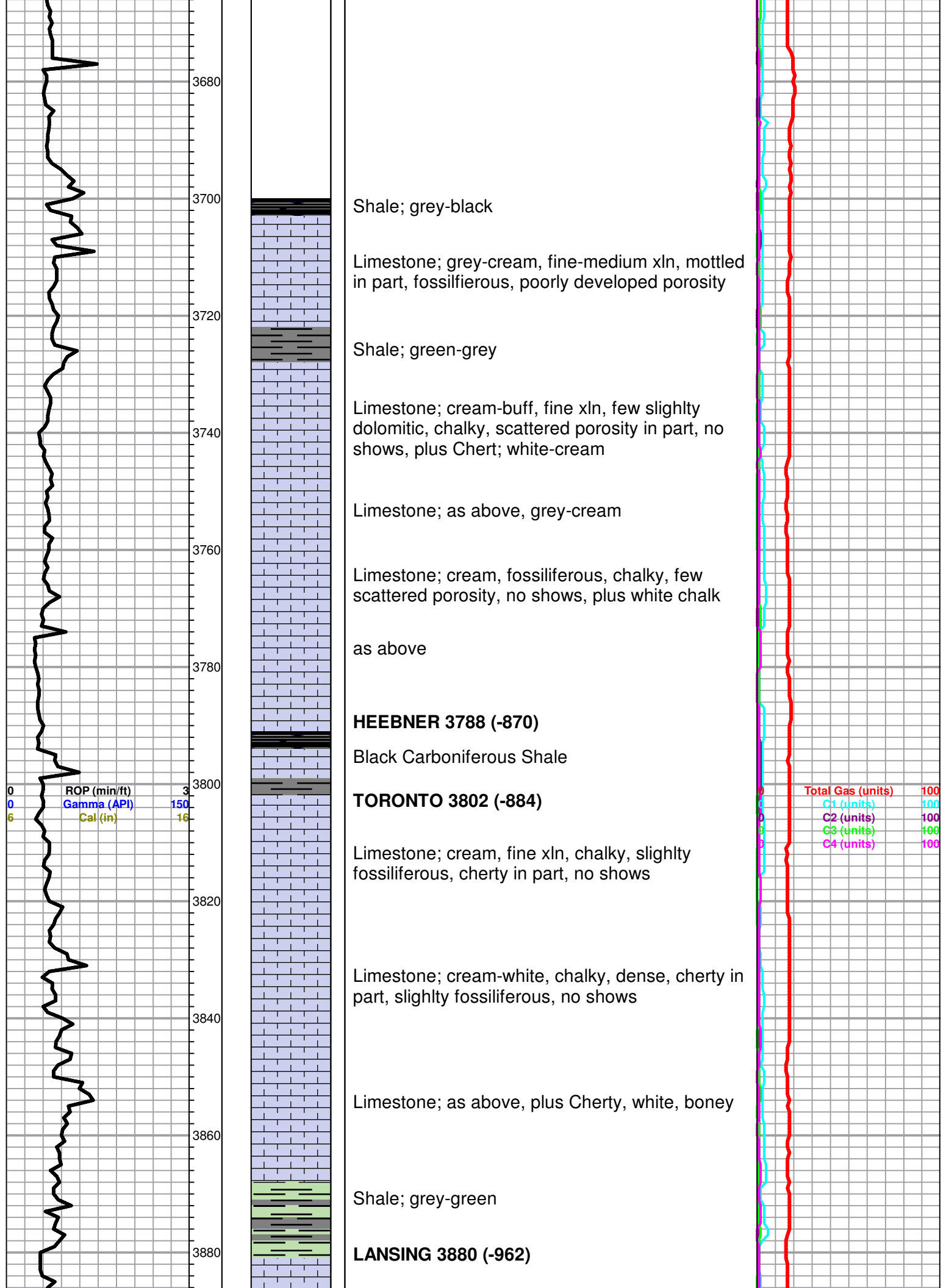
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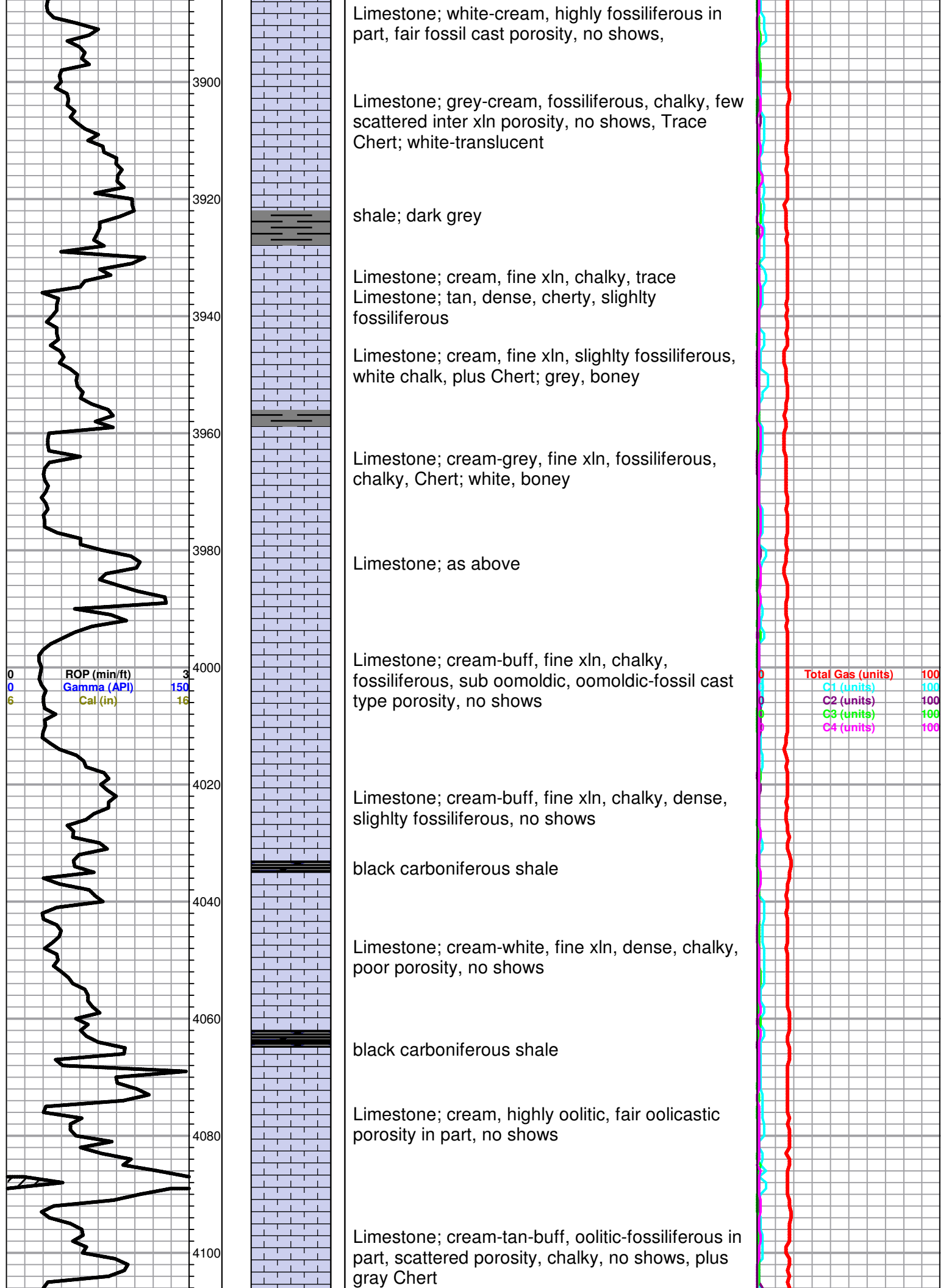
DST

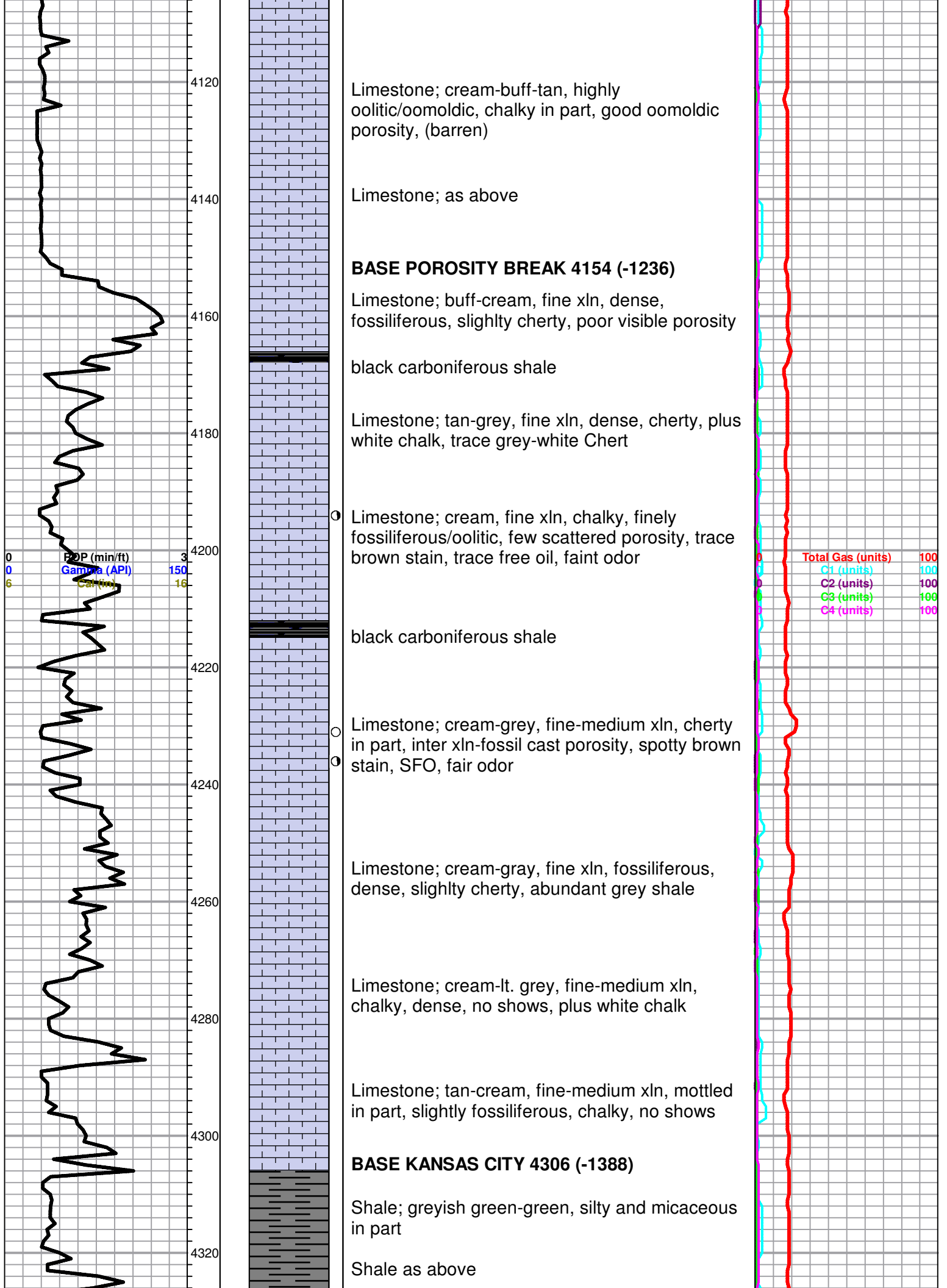
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	DST alt
	Core
	tail pipe

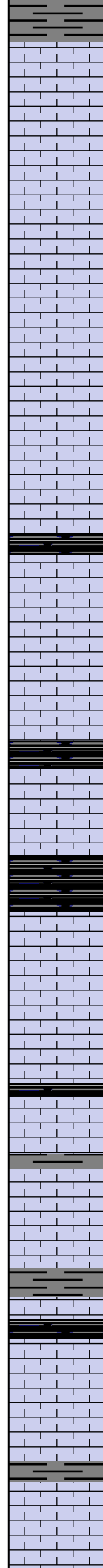
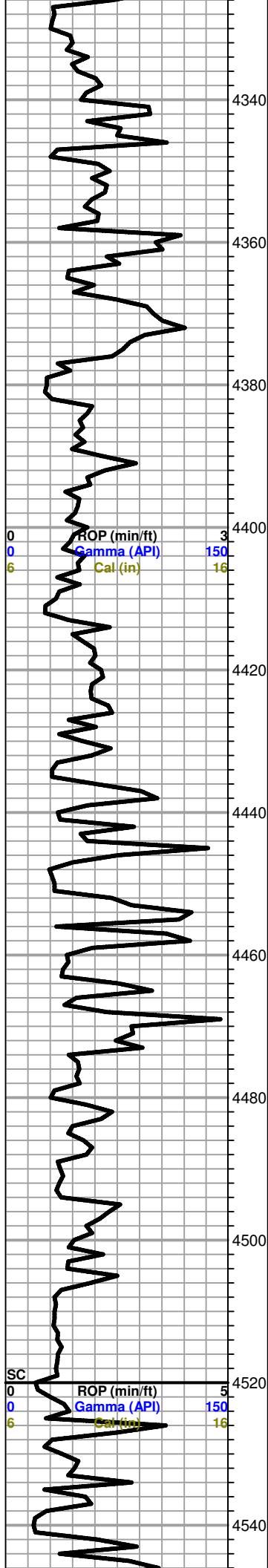
Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)











MARMATON 4334 (-1416)

Limestone; cream, fossiliferous/ oolitic, inter xln-oolicastic porosity, brown spotty stain, trace free oil, very faint odor

Limestone; cream-tan, fine xln, fossiliferous in part, few scattered porosity, no shows

Limestone; grey, fine xln, dense, trace sparry calcite, dark brown stain, trace free oil, no odor

Limestone; cream-buff, fine xln, chalky, slightly dolomitic, no shows

black carboniferous shale

PAWNEE 4408 (-1490)

Limestone; cream, fine xln, finely oolitic, chalky in part, inter xln type porosity, spotty brown stain, spotty trace free oil, faint odor when sample broke

Limestone; cream-grey, fine xln, chalky, dense, poorly developed porosity, no shows
black carboniferous shale

FT. SCOTT 4436 (-1518)

Limestone; cream, fine xln, inter xln type porosity, trace brown stain, questionbale trace free oil

CHEROKEE 4446 (-1528)

black carboniferous shale

Limestone; cream-buff, finely oolitic, chalky in part, few scattered oolitic type porosity, no shows

Limestone as above

trace black carboniferous shale

dark grey-grey shale

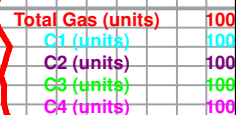
Limestone; cream-grey, fine-medium xln, few ganular pieces, fossiliferous in part

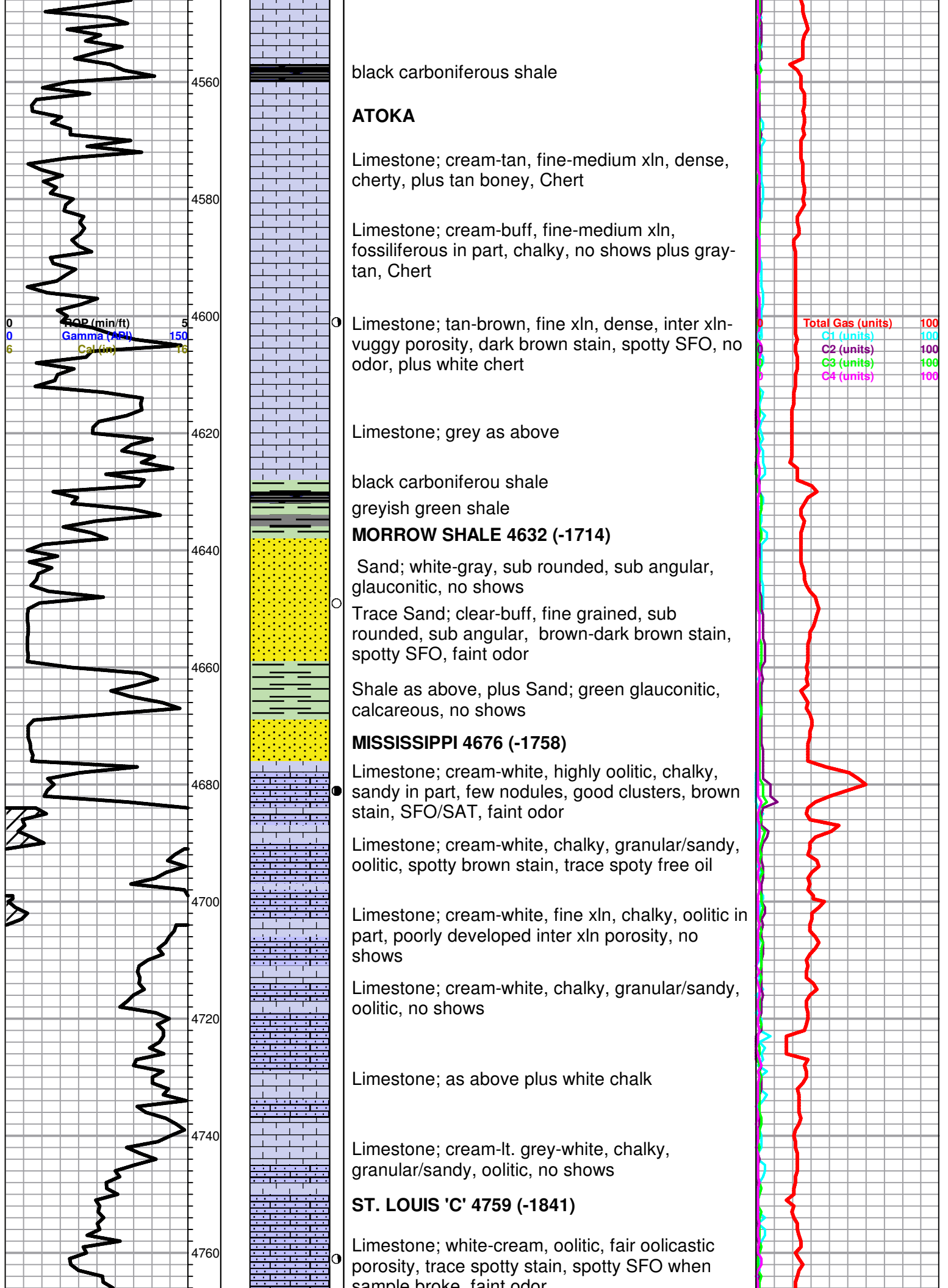
Shale; grey-green

black carboniferou shale

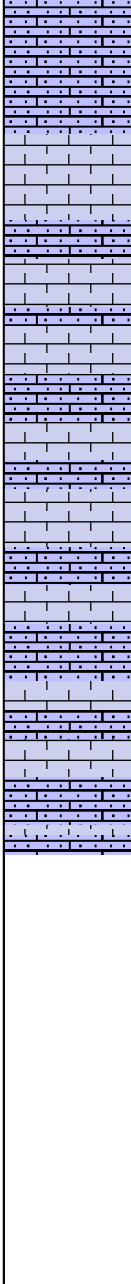
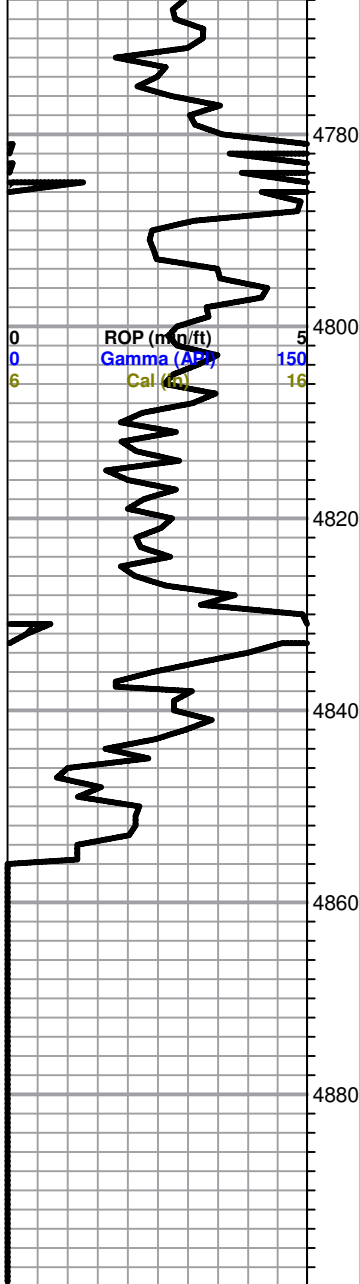
Limestone; cream, fine xln, sparry calcite in part, dense, slighly cherty

Limestone; tan-grey-cream, fine xln, dense, cherty, poor visible porosity, no shows





sample broke, faint color



Limestone; cream-white, oolitic, granular, poorly developed porosity, no shows

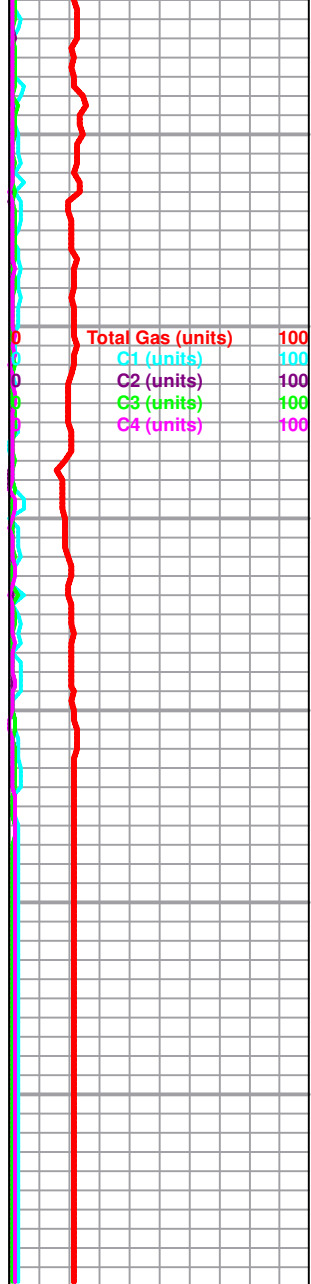
Limestone; buff-cream-grey, fine xln-finely oolitic, granular in part, no shows

Limestone; as above, chalky in part, plus Chert; white, boney

Limestone; cream-tan, fine xln, dense, chalky in part, slightly fossiliferous/oolitic, plus white Chert

Limestone; cream-buff-tan, fine-medium xln, granular in part, scattered inter xl porosity, no shows, plus White Chert

ROTARY TOTAL DEPTH 4855 (-1937)





Liberal Yard #1717 - Phone 620-624-2277 - 1700 S. Country Estates Road, Liberal KS 67901

PRESSURE PUMPING

Job Log

Customer	Lebsack Oil Production		Cement Pump No.:	38750, 19919 6Hrs.		Operator TRK No.:	98816		
Address:	P O Box 489		Ticket #:	1718 19823 L		Bulk TRK No.:	37712, 19883 Victor	14354, 37724 Oscar	
City, State, Zip:	Hays Ks. 67601		Job Type:	Z-42 Cement Production Casing					
Service District:	1718 - Liberal, Ks.		Well Type:	OIL					
Well Name and No.:	Pfeifer-Amyx @ 2		Well Location:		County:	Finney	State:	Kansas	
Type of Cmt	Sacks	Additives			Truck Loaded On				
AA2	150	10% Gypsum, 10% Salt, .6% C-17, 1/4# Defoamer, 5 # Gilsonite			37712, 19883 Victor		Front	Back	
A-Con Cement	390	3% Calcium Chloride, 1/4# Polyflake			14354, 37724 Oscar		Front	Back	
Class C / Rat & Mouse	50						Front	Back	
Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements		CU. FT.	Man Hours / Personnel			
Tail 1:	14.8	1.51	6.64		226.5	TT Man Hours:	44		
Tail 2:	11.5	2.86	17.4		1115.4	# of Men on Job:	4		
Time (am/pm)	(BPM)	Volume (BBLs)	Pumps		Pressure (PSI)		Description of Operation and Materials		
			T	C	Tubing	Casing			
8:00							ON LOCATION		
10:45							SAFETY MEETING		
11:00 AM							RIG UP		
12:35 PM							RIG TO CIRCULATE		
1:30 PM							RIG TO PT		
13:34							PRESSURE TEST TO 2660PSI		
13:35		11.9					PUMP 500 GALLONS MUD FLUSH		
13:41	5	40.3 slurry				290	PUMP 150SX TAIL 1 @ 13.6#		
1:51 PM							SHUTDOWN / DROP PLUG / WP		
13:59	7	10				230	DISPLACE W/ 43.7BBLH20		
	7	20				230			
	7	30				230			
	7	40				230			
	6.7	50				230	SWITCH TO 71.3BBL MUD		
	6.7	60				230			
	6.7	70				220			
	6.7	80				220			
	6.7	90				360			
	6.7	100				450			
14:17	6.6	105				550	SLOW RATE TO 2.0BPM @ 350PSI		
	1.9	110				540			
14:25	1.9	115.1				570	LAND PLUG / PRESSURE UP TO 1560PSI		
14:27							RELEASE BACK --- PLUG HELD		
Size Hole	7 7/8"	Depth				TYPE	Plug Container		
Size & Wt. Csg.	5 1/2" 14#	Depth	4851'	DV Tool	2996'	Packer	Depth		
Landing Press1	438.4psi	Landing Press2	492.5psi			Retainer	Depth		
Shoe Jt.	14.75'	Type				Perfs	CIBP		
Customer Signature:					Basic Representative:		Daniel Beck		
					Basic Signature:		<i>Daniel Beck</i>		
					Date of Service:		11/26/2019		

