



**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       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- 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 ENHR       Conv. to SWD
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

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

API No. 15 - \_\_\_\_\_

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

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total 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**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1103778

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  
 Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Victory Operating, Inc.
Well Name	ILS Land 1-21
Doc ID	1103778

All Electric Logs Run

compensated sonic
dual induction
microlog
compensated density/compensated neutron

Customer Victory Operating Inc.		Lease No.	Date	
Lease ILS. Land 7-21		Well # 1-21	9-18-12	
Field Order # #06576A	Station Pratt KS	Casing	Depth	County Pawnee
Type Job PTA	CNW	Formation TP 4165	Legal Description 21-22-16	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
	4 1/2"			210 SKS 60/40 Poz 4%		7 1/2	9.2	14'
Depth	Depth	From	To	Pre Pad	Max			5 Min.
Volume	Volume	From	To	Pad	Min			10 Min.
Max Press	Max Press	From	To	Frac	Avg			15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative GUALDO TP	Station Manager SCOTTY	Treater ALLEN
Service Units 28443 33768 20920 70959 19918		
Driver Names Allen Eric Wright Dale Pbye		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1015 AM					On Loc Discuss Safety Setup Plan Job
					Rig Running Plugging Stand.
1150			15	5	1st Plug 4025' 50 SKS 60/40 Poz 4%
			12.7	4	Pump 15 BBL H <sub>2</sub> O
			3	3	mix + pump 50 SKS @ 13.78 #/gal
					Pump 3 BBL H <sub>2</sub> O
					Disp w/ 50 BBL mud.
1208 PM					Pull Drill Pipe.
200			15	4	2nd Plug 1050' 50 SKS 60/40 Poz 4%
			12.7	4	Pump 15 BBL H <sub>2</sub> O
			4	4	mix + pump 50 SKS @ 13.78 #/gal
					Pump 4 BBL H <sub>2</sub> O
					Pull Drill Pipe
216			3	3	3rd Plug 240' 40 SKS 60/40 Poz 4%
240			10	4	Pump 3 BBL H <sub>2</sub> O
			1	2	mix + pump 40 SKS @ 13.78 #/gal
					pump 1 - BBL H <sub>2</sub> O
					Pull Drill Pipe.
255			5	2	4th Plug .60' to surface 20 SKS
300			7 1/2	2	5th Plug Rat Hole 30 SKS
315			5	2	6th Plug mouse Hole 20 SKS
230					wash up + RACK UP Job complete
430					



**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET  
1718 06576 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB <b>9-18-12</b> DISTRICT <b>KANSAS</b>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER <b>Victory Operating Inc</b>		LEASE <b>ILS Land 1-21</b> WELL NO.:							
ADDRESS		COUNTY <b>Pawnee 21-22</b> STATE <b>Ks</b>							
CITY STATE		SERVICE CREW <b>Allen, Eric, Dale</b>							
AUTHORIZED BY		JOB TYPE: <b>PTA</b> <b>CNW</b>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM PM	TIME
# 28443	4						9-18-12		800
20708-20920	4					ARRIVED AT JOB	9-18-12	AM PM	1015
20959-19918	4					START OPERATION	9-18-12	AM PM	1130
						FINISH OPERATION	9-18-12	AM PM	330
						RELEASED	9-18-12	AM PM	430
						MILES FROM STATION TO WELL	5-miles		

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: \_\_\_\_\_  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 103	60/40 Poz	SK	210		\$ 2520.00
CC 200	cement Gel	lb	362		\$ 90.50
E 101	Heavy Equip. Mileage	mi	110		\$ 770.00
CE 240	Blending & mixing service chg	SK	210		\$ 294.00
F 113	Bulk Del. Chg.	Tm	498		\$ 796.00
CF 205	Depth Chg. 4001-5000'	4-hr	1		\$ 2520.00
S 003	Service Supervisor first 8hrs	EA	1		\$ 125.00
F 100	Unit mileage chg. Pickup.	M.	55		\$ 233.25

SUB TOTAL  
**DLS \$5,179.76**

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE *Allen F. Warrick*

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: \_\_\_\_\_  
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. \_\_\_\_\_

Customer <i>VICTORY OPERATING</i>	Lease No.	Date <i>9-12-12</i>
Lease <i>ILS Land</i>	Well # <i>1-21</i>	
Field Order # <i>6607</i>	Station <i>Pratt</i>	Casing <i>8 5/8</i>
		Depth <i>1001</i>
Type Job <i>CNW 8 5/8 SF</i>	Formation	County <i>Pawnee</i>
		State <i>KS</i>
		Legal Description <i>21-22S-164</i>

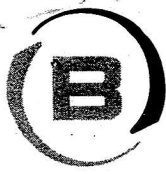
PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
<i>8 5/8</i>				Pre Pad	Max		5 Min.
Depth <i>1001</i>	Depth	From	To	Pad	Min		10 Min.
Volume	Volume	From	To	Frac	Avg		15 Min.
Max Press <i>500</i>	Max Press	From	To		HHP Used		Annulus Pressure
Well Connection	Annulus Vol.	From	To	Flush	Gas Volume		Total Load
Plug Depth <i>957</i>	Packer Depth	From	To				

Customer Representative <i>Roscoe Mendenhall</i>	Station Manager <i>D. SCOTT</i>	Treater <i>JOE MELSON</i>
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Service Units	<i>27463</i>	<i>19531</i>	<i>19867</i>	<i>37900</i>				
Driver Names	<i>McGraw</i>	<i>Pierson</i>	<i>Melson</i>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>6:00</i>					<i>on loc - safety meeting</i>
					<i>Run 23 JTS 8 5/8 casing 20# casing</i>
					<i>Guide shoe on 1st JTS</i>
					<i>centralizer on 1, 11, 22</i>
					<i>Basket 19</i>
<i>1:15</i>					<i>casing on BOTTOM</i>
<i>1:30</i>					<i>Break circ. with Big</i>
<i>1:45</i>	<i>200</i>		<i>85</i>	<i>5</i>	<i>mix 200SK A-con @ 12#</i>
			<i>44</i>	<i>5</i>	<i>mix 200SK common @ 15.6#</i>
			<i>1</i>		<i>shut down</i>
			<i>0</i>		<i>Release Plug</i>
<i>2:33</i>	<i>300</i>		<i>0</i>	<i>5</i>	<i>start H2O Disp.</i>
			<i>1</i>	<i>5</i>	<i>cement to surface</i>
<i>2:45</i>	<i>500</i>		<i>59</i>	<i>5</i>	<i>Plug Down</i>
					<i>circ. 59 BAL OS cement to PIT</i>
					<i>JOB COMPLETE</i>
					<i>Thank you</i>
					<i>JOE</i>





**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

**FIELD SERVICE TICKET**  
1718 06602 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB <u>9-12-12</u> DISTRICT <u>Pratt</u>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER <u>Victory Operating</u>		LEASE <u>ILS Land</u>		1-21 WELL NO.					
ADDRESS		COUNTY <u>Pawnee</u>		STATE <u>KS</u>					
CITY STATE		SERVICE CREW <u>McGraw Pierson Melson</u>							
AUTHORIZED BY		JOB TYPE: <u>cnw 8 5/8 SF</u>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
<u>27462</u>	<u>1</u>						<u>9-11</u>	<u>PM</u>	<u>5:30</u>
<u>17831</u>	<u>19862</u>						<u>9-12</u>	<u>AM</u>	<u>6:00</u>
<u>37900</u>	<u>1</u>						<u>9-12</u>	<u>AM</u>	<u>1:45</u>
							<u>9-12</u>	<u>AM</u>	<u>2:45</u>
							<u>9-12</u>	<u>AM</u>	<u>3:45</u>
						MILES FROM STATION TO WELL	<u>55</u>		

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: \_\_\_\_\_  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 101	A-con Blend Common	SK	200		3,600 00
CP 100	Common	SK	200		3,200 00
CC 102	CELLOFLAKE	LB	100		370 00
CC 109	Calcium Chloride	LB	940		987 00
CF 105	TOP Rubber cement Plug	EQ	1		225 00
CF 203	8 5/8 Guide shoe	EQ	1		550 00
CF 1453	Flapper insert	EQ	1		<del>280 00</del>
CF 1773	Centralizer	EQ	3		<u>435 00</u>
CF 1903	8 5/8 Basket	EQ	1		315 00
E 101	Heavy Mileage	MI	110		770 00
CE 240	mixing Charge	SK	400		560 00
E 113	BULK DELIVERY	TM	1034		1,654 40
CE 201	Depth Charge 501-1000	YHR	1		1,200 00
CE 504	Plug Container Charge	JOB	1		250 00
S 003	Service Supervisor	EQ	1		175 00
E 100	PICK UPS Mileage	MI	55		233 75
				SUB TOTAL	<u>10,363 61</u>

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE [Signature] THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

**OPERATOR**

Company: Victory Operating, Inc.  
 Address: 6 N. Scottsdale St.  
 Wichita, KS 67230

Contact Geologist: Roscoe Mendenhall  
 Contact Phone Nbr: 316-648-5633  
 Well Name: ILS Land #1-21  
 Location: 8 5/8" @ 1001' API: 15-145-21687  
 Pool: SW/4 SE/4 NW/4 Sec.21-T22S-R16W Field:  
 State: Kansas Country: USA



# Musgrove

**PETROLEUM  
 CORPORATION**  
 Claflin, Kansas

Scale 1:240 Imperial

Well Name: ILS Land #1-21  
 Surface Location: 8 5/8" @ 1001'  
 Bottom Location:  
 API: 15-145-21687  
 License Number:  
 Spud Date: 9/11/2012 Time: 6:00 PM  
 Region: Pawnee  
 Drilling Completed: 9/18/2012 Time: 6:00 PM  
 Surface Coordinates: 2148' FNL & 1561' FWL  
 Bottom Hole Coordinates:  
 Ground Elevation: 2040.00ft  
 K.B. Elevation: 2051.00ft  
 Logged Interval: 3300.00ft To: 4500.00ft  
 Total Depth: 4165.00ft  
 Formation: Arbuckle  
 Drilling Fluid Type: Chemical/Fresh Water Gel

**LOGGED BY**

Company: Musgrove Petroleum  
 Address: 212 Main Street  
 Claflin, KS 67525

Phone Nbr: 620-450-7087  
 Logged By: Geologist Name: Kurt Talbott

**CONTRACTOR**

Contractor: Sterling Drilling Company  
 Rig #: 2  
 Rig Type: Mud Rotary  
 Spud Date: 9/11/2012 Time: 6:00 PM  
 TD Date: 9/18/2012 Time: 6:00 PM  
 Rig Release: Time:

**ELEVATIONS**

K.B. Elevation: 2051.00ft Ground Elevation: 2040.00ft  
 K.B. to Ground: 11.00ft

**ROCK TYPES**

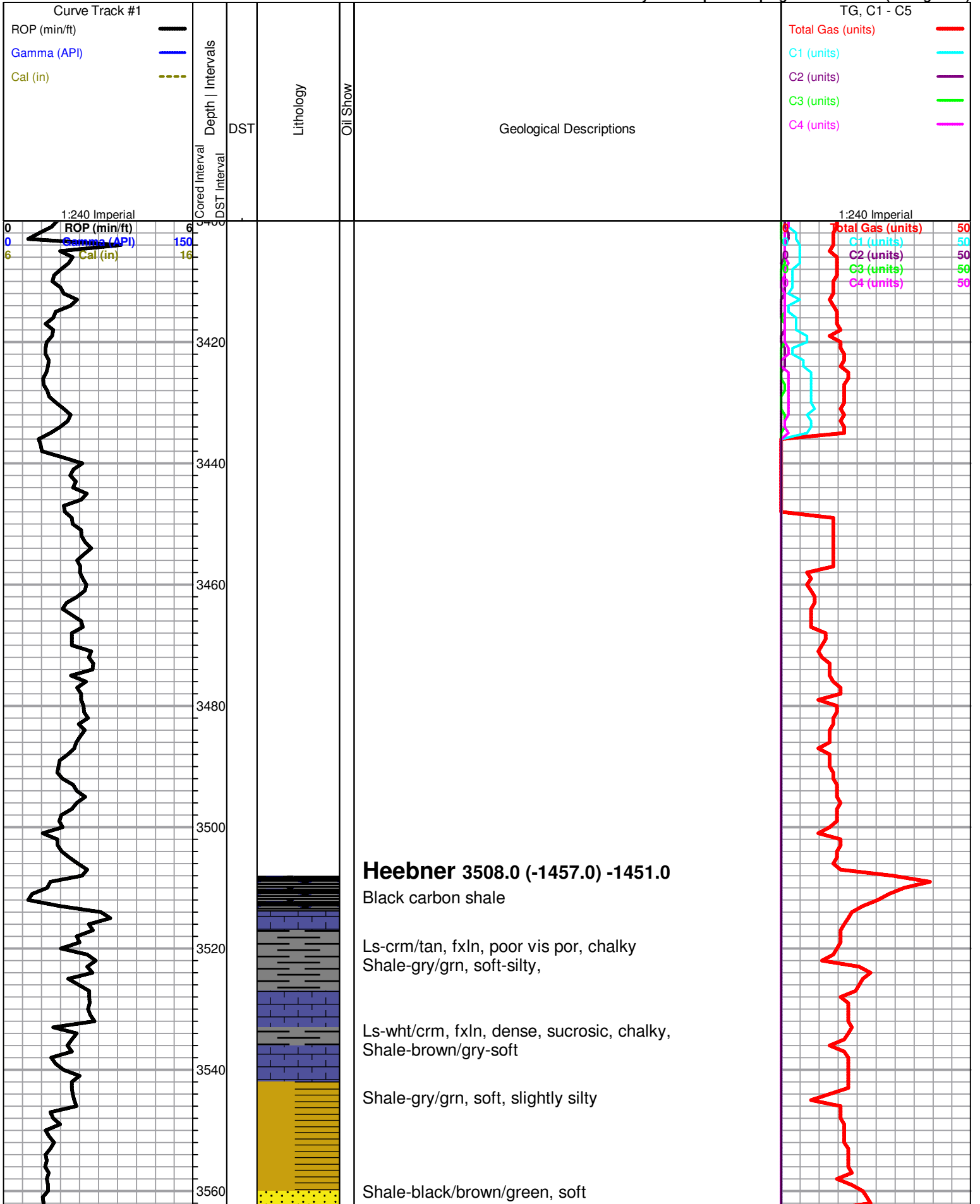
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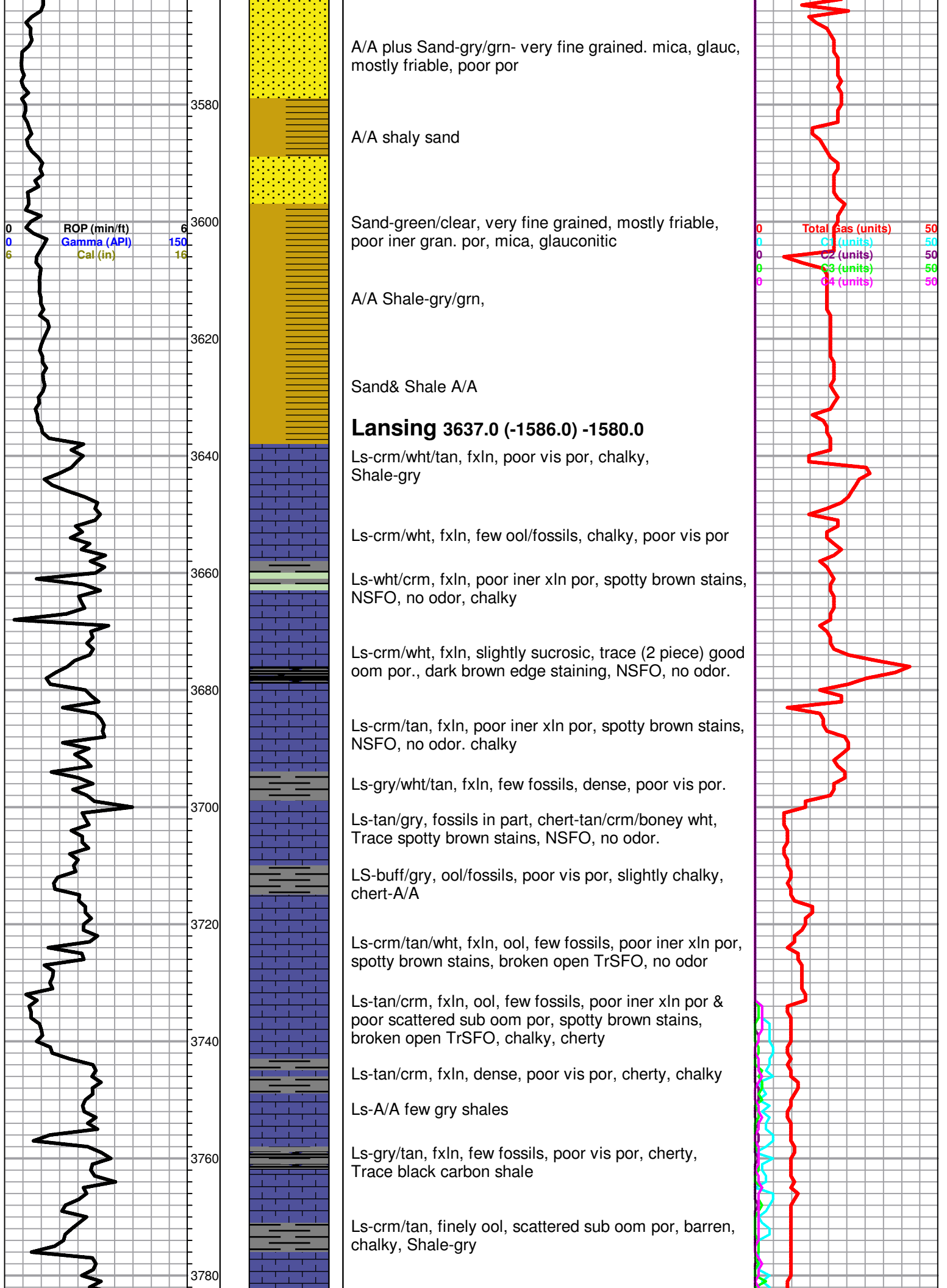


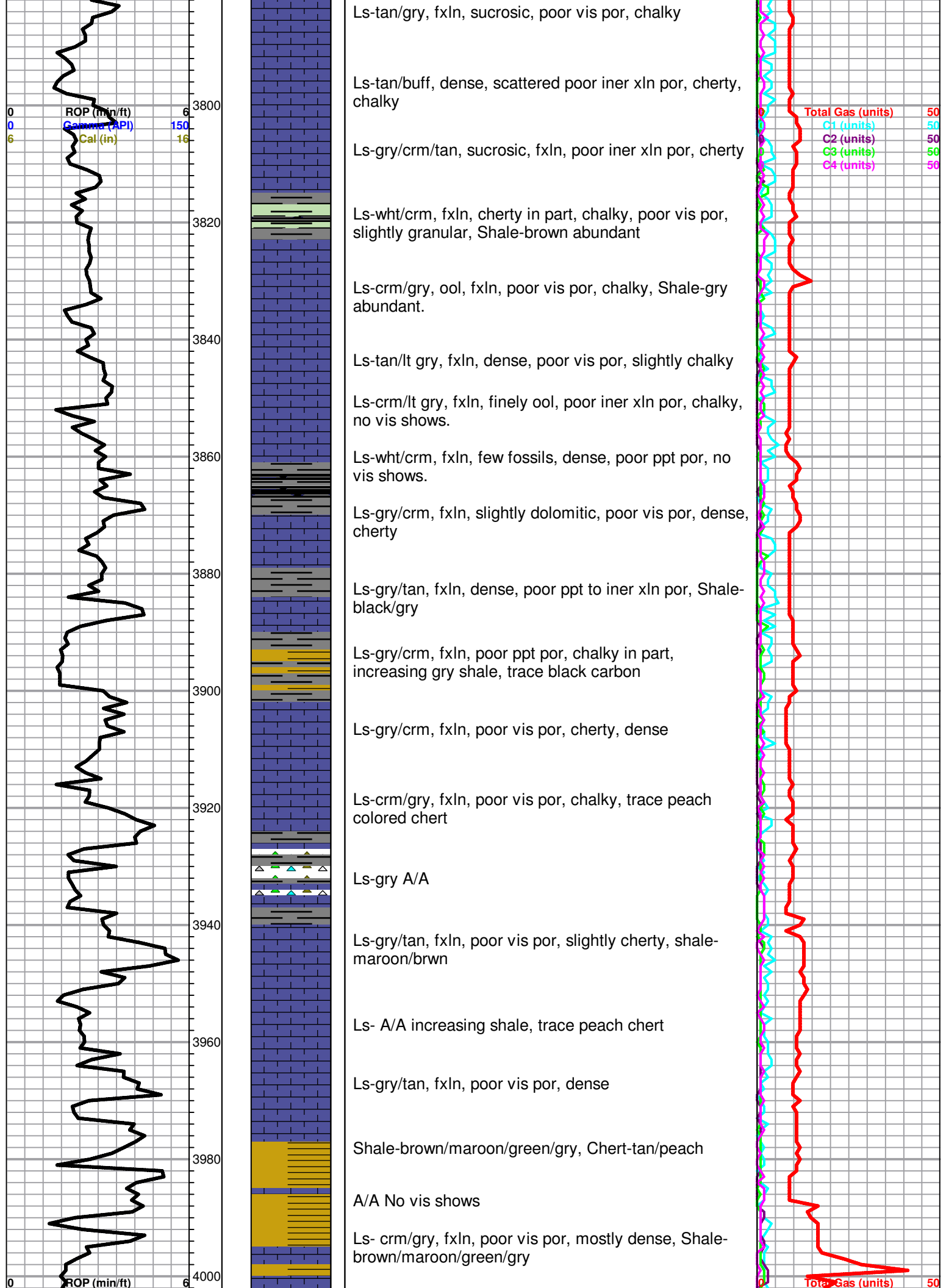
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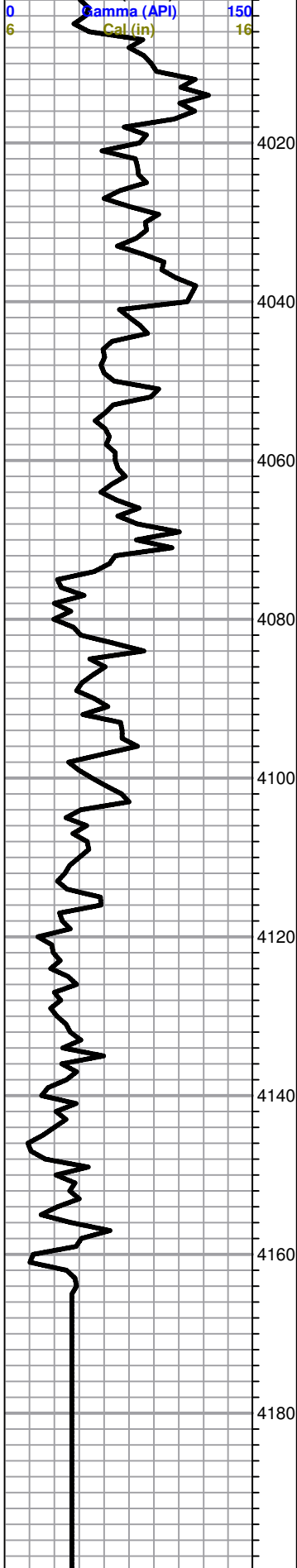
**DST**  
■ DST Int  
■ DST alt

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









Ls & Shale A/A, chert-tan/peace/wht

Shale-maroon/yellow/green firm, slightly sandy

**Simpson Sand 4016.0 (-1965.0) -1959.0**

Shale-maroon/brown, firm, Trace sand-wht/grn/clear, f grained, sub round, poor iner gran por, friable

Sand-wht/clear/gry, f grain, poor iner granular por, friable, no vis shows, dull fluorescents.

Shale-maroon/green/yellow, sandy, firm

Shale-maroon/gry/grn/turq/

A/A

Ls-crm dense, cherty, poor vis por, Shale- A/A

**Arbuckle 4073.0 (-2022.0) -2016.0**

Dol-crm/buff, f-med rhomb xln, dense, poor vis por, no vis shows, dull fluor. Chert-wht/crm

Dol-crm/tan/buff, f-med xln, few rhomb, poor iner xln por, dense, chert- A/A

Dol-crm/lt gry, fxln, poor iner xln w/scattered poor vug por, barren, dense, slightly chalky, slightly cherty

Dol-tan/lt gry, f-med xln, few rhombic, dense, poor vis por, chalky, cherty,

Dol-wht/crm A/A

Dol-crm/tan/lt gry, fine/few med. xln, few rhombic., dense, scattered poor vis por, chert-wht/crm, Shale-grn-firm

Dol-crm/tan, f-med xln, few rhombic, poor scattered ppt/iner xln por, cherty

Dol-A/A,

Dol-A/A, Ls-crm/tan, dense, poor vis por, chalky,

Dol-crm/tan, f-med rhomb xln, poor scattered iner xln por, dense, chalky, chert-crm/opaque

**RTD 4165.0 (-2114.0) 0.0**

