

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

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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**HURRICANE SERVICES INC**

Remit To: Hurricane Services, Inc.  
250 N. Water, Suite 200  
Wichita, KS 67202  
316-303-9515

Customer:  
C & G DRILLING INC  
701 EAST RIVER ST  
EUREKA, KS 67045

Invoice Date: 5/13/2024  
Invoice #: 0376321  
Lease Name: Sommers A  
Well #: 2 (New)  
County: Butler, Ks  
Job Number: EP13386  
District: Eureka

Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
Depth Charge 0'-500'	1.000	1,000.000	1,000.00
Heavy Equipment Mileage	45.000	4.000	180.00
Light Eq Mileage	45.000	2.000	90.00
Ton Mileage	289.400	1.500	434.10
Cement Class A	130.000	20.000	2,600.00
Calcium Chloride	365.000	0.750	273.75
Bentonite Gel	245.000	0.450	110.25
Cello Flake	32.000	1.750	56.00

*Handwritten:*  
✓#  
6451  
5-23-24

**Total** 4,744.10

**TERMS:** Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

**SALES TAX:** Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

**WE APPRECIATE YOUR BUSINESS!**









# HURRICANE SERVICES INC

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250 N. Water, Suite 200  
Wichita, KS 67202  
316-303-9515

Customer:  
C & G DRILLING INC  
701 EAST RIVER ST  
EUREKA, KS 67045

Invoice Date: 5/15/2024  
Invoice #: 0376378  
Lease Name: Sommers A  
Well #: 2  
County: Butler, Ks  
Job Number: EP13400  
District: Eureka

Date/Description	HRS/QTY	Rate	Total
Longstring	0.000	0.000	0.00
Depth Charge 2001'-3000'	1.000	2,000.000	2,000.00
Heavy Equipment Mileage	45.000	4.000	180.00
Light Eq Mileage	45.000	2.000	90.00
Ton Mileage	425.590	1.500	638.39
Thixotropic	165.000	30.000	4,950.00
Pheno Seal	330.000	1.750	577.50
5 1/2" Float Shoe AFU FT	1.000	375.000	375.00
5 1/2" LD Plug & Baffle	1.000	350.000	350.00
Centralizers 5 1/2"	6.000	60.000	360.00
Casing Swivel	1.000	150.000	150.00
KCL-CS701	1.000	30.000	30.00
Service Supervisor	1.000	275.000	275.00

*Handwritten:*  
✓#  
6500  
6-5-24

**Total** 9,975.89

**TERMS:** Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

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Customer	C & G Drilling, Inc	Lease & Well #	Sommers A #2	Date	5/15/2024
Service District	Eureka	County & State	Butler, KS	Legals S/T/R	11 24S 4E
Job Type	Longstring	<input checked="" type="checkbox"/> PROD	<input type="checkbox"/> INJ	<input type="checkbox"/> SWD	Legals New Well? <input checked="" type="checkbox"/> YES <input type="checkbox"/> No
Equipment #	Driver	Job Safety Analysis - A Discussion of Hazards & Safety Procedures			

Equipment #	Driver	<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Gloves	<input type="checkbox"/> Lockout/Tagout	<input type="checkbox"/> Warning Signs & Flagging
1003	David	<input checked="" type="checkbox"/> H2S Monitor	<input checked="" type="checkbox"/> Eye Protection	<input type="checkbox"/> Required Permits	<input type="checkbox"/> Fall Protection
1203	Broker	<input checked="" type="checkbox"/> Safety Footwear	<input type="checkbox"/> Respiratory Protection	<input checked="" type="checkbox"/> Slip/Trip/Fall Hazards	<input checked="" type="checkbox"/> Specific Job Sequence/Expectations
1212	Danny	<input type="checkbox"/> FRC/Protective Clothing	<input type="checkbox"/> Additional Chemical/Acid PPE	<input checked="" type="checkbox"/> Overhead Hazards	<input checked="" type="checkbox"/> Muster Point/Medical Locations
		<input type="checkbox"/> Hearing Protection	<input checked="" type="checkbox"/> Fire Extinguisher	<input type="checkbox"/> Additional concerns or issues noted below	

**Comments**  
 API# 15-015-24229. R.T.D - 2550'. 5 1/2" Mixed Used Casing set @ 2539.28 G.L. Rotate Casing while Displacing plug. Centralizers on # 1,3,4,5,6,7. 130 sks on Longstring, Plug R.H. w/ 20 sks, & M.H. w/ 15 sks.

Product/Service Code	Description	Unit of Measure	Quantity	Net Amount
D013	Depth Charge: 2001'-3000'	job	1.00	\$2,000.00
M010	Heavy Equipment Mileage	mi	45.00	\$180.00
M015	Light Equipment Mileage	mi	45.00	\$90.00
M020	Ton Mileage	tm	425.59	\$638.39
CP060	H854 Thixo	sack	165.00	\$4,950.00
CP125	Pheno Seal	lb	330.00	\$577.50
FE145	5 1/2" Float Shoe - AFU Flapper Type	ea	1.00	\$375.00
FE170	5 1/2" Latch Down Plug & Baffle	ea	1.00	\$350.00
FE125	5 1/2" Centralizer	ea	6.00	\$360.00
C040	Casing Swivel	job	1.00	\$150.00
AF055	Liquid KCL Substitute	gal	1.00	\$30.00
R061	Service Supervisor	day	1.00	\$275.00

Customer Section: On the following scale how would you rate Hurricane Services Inc.?		Net:	\$9,975.89
Based on this job, how likely is it you would recommend HSI to a colleague?		Total Taxable	\$ -
<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10		Tax Rate:	
State tax laws deem certain products and services used on new wells to be sales tax exempt. Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt.		Sale Tax:	\$ -
		Total:	\$ 9,975.89

HSI Representative: *David Gardner*

**TERMS:** Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 1/2% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.





## LOCATION AND LEGALS DATA

### WellSight Systems

Scale 1:240 (5"=100') Imperial

Measured Depth Log

Well Name: Sommers A 2

API: 15-015-24229

Location: N2 NE NE S11 T24S R4E

License Number: 32701

Spud Date: 5/13/24

Surface Coordinates: 330' FNL 660' FEL

Region: Butler County, KS

Drilling Completed: 5/15/24

Bottom Hole

Coordinates:

Ground Elevation (ft): 1421'

K.B. Elevation (ft): 1430'

Logged Interval (ft): 2000' To: RTD

Total Depth (ft): 2550'

Formation: Mississippi

Type of Drilling Fluid: Chemical

Printed by MudLog from WellSight Systems 1-800-447-1534 [www.WellSight.com](http://www.WellSight.com)

### OPERATOR

Company: C & G Drilling, Inc.

Address: 701 E River St  
Eureka, KS 67045

### GEOLOGIST

Name: Brandon Wolfe

Company: Lone Wolf Well Logging, LLC

Address: 1016 N Biddle St  
Moline, KS 67353

### CONTRACTORS

Drilling Rig: (Rig 2) C&G Drilling

Drilling FLuids: C&G Drilling

Open Hole Logs: Osage Wireline

Cementing: HSI (Eureka Camp)




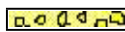






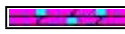



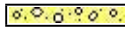



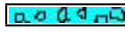


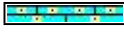


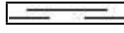

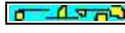



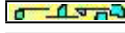





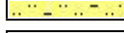






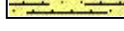
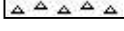

### COMMENTS

5.5" production casing was set to further evaluate the Mississippi Chert system

Well	Sommers A 2
G.L.	1421'
K.B.	1430'

<u>Formation</u>	<u>Sample Top</u>		<u>Log Top</u>	
Kansas City	2089	-659	2084	-654
B/ Kansas City	2339	-909	2335	-905
Marmaton	2303	-873	2297	-867
Altamont	2344	-914	2339	-909
Cherokee	2425	-995	2421	-991
Mississippi Chert	2441	-1011	2437	-1007
Mississippi Lime	2529	-1099	2524	-1094
Total Depth	2550	-1120	2547	-1117

### ROCK TYPES

	Anhydrite		Shaly_ss_ii		Cherty_dolo		Qtz_wash
	Arkose		Sandstone		Dolomite		Qtz_wash_ii
	Ark_shale		Shaly_limy_ss		Limy_dolo		Argil_qtz_wash
	Granite		Washy_limy_ss		Conglomerate		Ark_qtz_wash
	Coal		Limy_ss		Carb_wash		Sdy_gw
	Limy_sh		Sdy_ls		Sdy_carb_wash		Shaly_gw
	Shale		Limestone		Shaly_sdy_carb		Gw_a
	Hot_shale		Dolo_ls		Shaly_limy_qtz_w		Gw_b
	Hot_shale_ii		Shaly_ls		Shaly_limy_qtz_w		Gw_c
	Siltstone		Carb_shaly_ls		Limy_qtz_wash		Gw_d
	Siltstone_ii		Cherty_ls		Limy_qtz_wash_ii		
	Shaly_ss		Chert		Limy_qtz_wash_iii		

## ACCESSORIES

### FOSSIL

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom

### MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Breclfrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr

- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff

- Sandy ls str
- Shale
- Siltstone
- Sandstone

### STRINGER

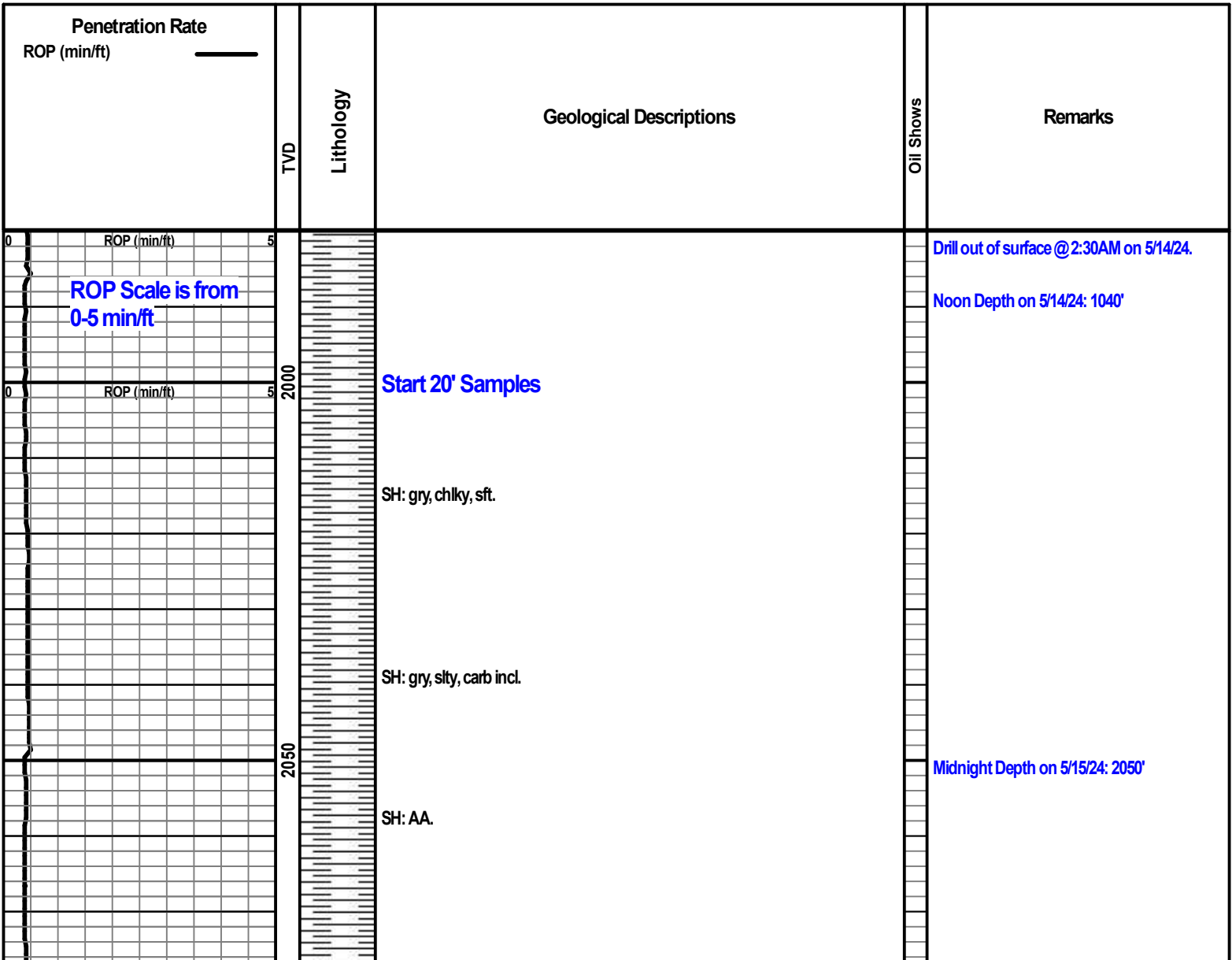
- Arkosic inclusion
- Chert inclusion
- Anhydrite
- Arkosic qtz str
- Arkosic qtz str ii
- Arkosic str
- Arkosic str ii
- Carb wash str
- Sandy carb wash str
- Coal/carb sh
- Dolomite
- Granite str
- Limestone
- Limy ss str
- Qtz wash str
- Limy qtz wash str

### TEXTURE

- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

### OIL SHOW

- Even
- Spotted
- Ques
- Gas show
- Dead





Kansas City  
2089' (-659)

SH: gry, sft, mshy.

Kansas City  
Sample - 2089' (-659)  
E Log - 2084' (-654)

2100

LS: lt bm to lt gry, fn xln, dns, scat foss, pr vis por, NS.

SH: gry, limy.

LS: lt bm to occ off wht, fn xln, dns, sli wthrd IP, foss, pr vis por, NS.

LA: AA. SH: gry.

2150

LS: lt bm to off wht, fn xln, chlky IP, wthrd, foss, occ fr interxln por, NS.

LS: AAw/NS.

SH: drk gry to blk, carb, pyr.

2200

LS: lt bm, fn xln, dns, sli chlky, mstly pr interxln por, NS.

LS: AAw/NS.

SH: drk gry to blk, carb, pyr.

LS: bm to lt bm to gry, fn xln, dns, sil incl, chrty, foss, pr vis por, NS.

LS: AAw/NS.

B/ Kansas City  
2239' (-809)

2250

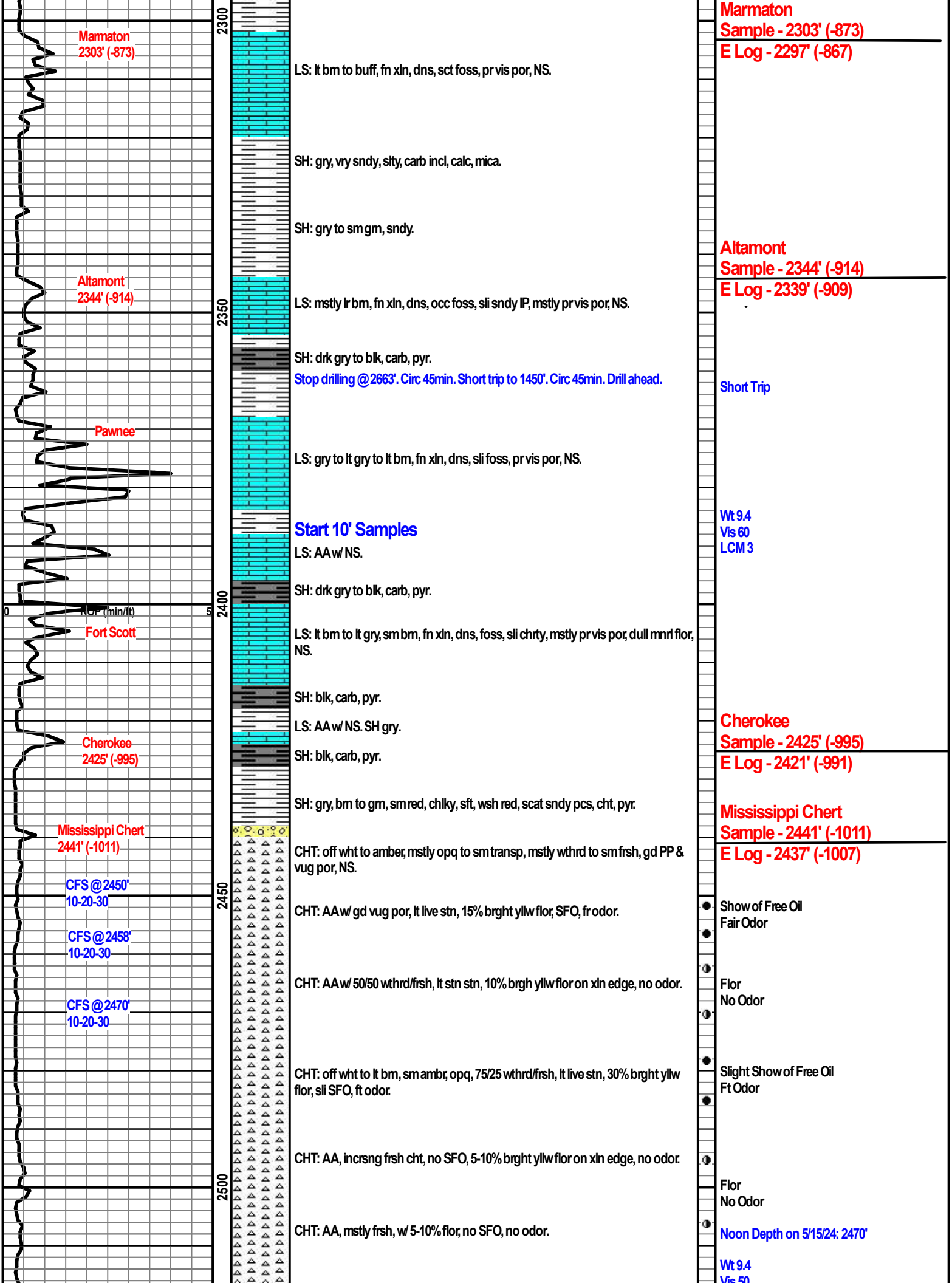
SH: gry, carb incl.

B/ Kansas City  
Sample - 2239' (-809)  
E Log - 2235' (-805)

SH: gry, slty, slndy, carb incl, mica.

SH: AA.

SH: gry to sm drk gry, slty, carb incl.



Marmaton  
2303' (-873)

LS: lt bm to buff, fn xln, dns, sct foss, pr vis por, NS.

Marmaton  
Sample - 2303' (-873)  
E Log - 2297' (-867)

SH: gry, vry sndy, slty, carb incl, calc, mica.

SH: gry to sm gm, sndy.

Altamont  
Sample - 2344' (-914)

Altamont  
2344' (-914)

LS: mstly lr bm, fn xln, dns, occ foss, sli sndy IP, mstly pr vis por, NS.

E Log - 2339' (-909)

SH: drk gry to blk, carb, pyr.

Stop drilling @ 2663'. Circ 45min. Short trip to 1450'. Circ 45min. Drill ahead.

Short Trip

Pawnee

LS: gry to lt gry to lt bm, fn xln, dns, sli foss, pr vis por, NS.

Start 10' Samples

LS: AA w NS.

Wt 9.4  
Vis 60  
LCM 3

SH: drk gry to blk, carb, pyr.

ROP (min/ft)

Fort Scott

LS: lt bm to lt gry, sm bm, fn xln, dns, foss, sli cherty, mstly pr vis por, dull mnrl flor, NS.

SH: blk, carb, pyr.

Cherokee  
Sample - 2425' (-995)  
E Log - 2421' (-991)

Cherokee  
2425' (-995)

LS: AA w NS. SH gry.

SH: blk, carb, pyr.

SH: gry, bm to gm, sm red, chiky, sft, wsh red, scat sndy pcs, cht, pyr.

Mississippi Chert  
Sample - 2441' (-1011)  
E Log - 2437' (-1007)

Mississippi Chert  
2441' (-1011)

CHT: off wht to amber, mstly opq to sm transp, mstly wthrd to sm frsh, gd PP & vug por, NS.

CFS @ 2450'  
10-20-30

CHT: AA w gd vug por, lt live stn, 15% brght yllw flor, SFO, fr odor.

Show of Free Oil  
Fair Odor

CFS @ 2458'  
10-20-30

CHT: AA w 50/50 wthrd/frsh, lt stn stn, 10% brgh yllw flor on xln edge, no odor.

Flor  
No Odor

CFS @ 2470'  
10-20-30

CHT: off wht to lt bm, sm ambr, opq, 75/25 wthrd/frsh, lt live stn, 30% brght yllw flor, sli SFO, ft odor.

Slight Show of Free Oil  
Ft Odor

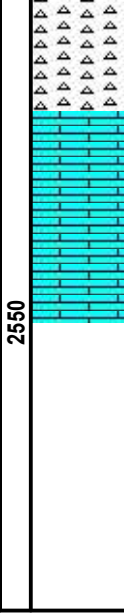
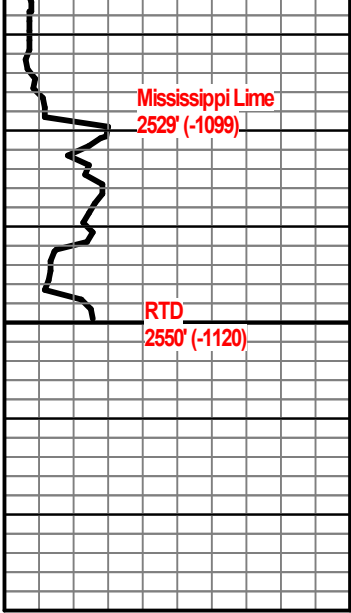
CHT: AA, incrsng frsh cht, no SFO, 5-10% brght yllw flor on xln edge, no odor.

Flor  
No Odor

CHT: AA, mstly frsh, w 5-10% flor, no SFO, no odor.

Noon Depth on 5/15/24: 2470'

Wt 9.4  
Vis 50



CHT: lt bm to off wht, mstly frsh cht, opq, NS.

LS: fn to sm med xln, dns, sli chrty, NS.

LS: AAw/NS.

**RTD: 2550' @ 1:15PM on 5/15/24**  
Circ 1hr. TOOH for Logs - Lay down DP. Log. Run 5 1/2" production casing.

**LTD: 2547' @ 5:30PM on 5/15/24**

vis  
LCM 3

**Mississippi Lime  
Sample - 2529' (-1099)**

**E Log - 2524' (-1094)**

**RTD  
2550' (-1120)**