

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) (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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# GEOLOGICAL REPORT

C & G Drilling, Inc.

Joseph A #1

1827 FSL & 3003 FEL Section 14-T24S-R4E

Butler County, Kansas

COMMENCED: 08-22-21

COMPLETED: 08-26-21

CONTRACTOR: C & G Drilling Company

SIZE OF HOLE: 7 7/8"

SURFACE PIPE: 8 5/8"

CEMENTED WITH: N/A

LONG STRING: 5 1/2"

CEMENTED WITH:

R.T.R.: 2588'

STATUS: OIL

A.P.I. #: 15-015-24152

OPERATOR LIC.: 32701

FIELD: Plum Grove NW

ELEVATION: 1420 K.B.

LOGS: CNT LDT MLT PIT

MUD SYSTEM: Chemical

OTHER:

*William M. Stout*  
8-27-21

William M. Stout  
Geologist

### FORMATION TOPS

	1411 G.L.	1420 K.B.	Sample	Log
Kansas City	2094	-674	2094	-674
Base Kansas City	2253	-833	2249	-829
Altamont	2353	-933	2352	-932
Cherokee	2437	-1017	2436	-1016
Mississippi	2463	-1043	2460	-1040
Mississippi Lime	2553	-1133	2552	-1132
Kinderhook	2577	-1157	2576	-1156
Total Depth	2588	-1168	2588	-1168

### SAMPLE DESCRIPTIONS

**Kansas City 2094' (-674)**  
2104' - 2109'  
Limestone - light brown, fine crystalline, fossiliferous, some chalky, faint odor, scattered intercrystalline porosity with show of oil and fluorescence.

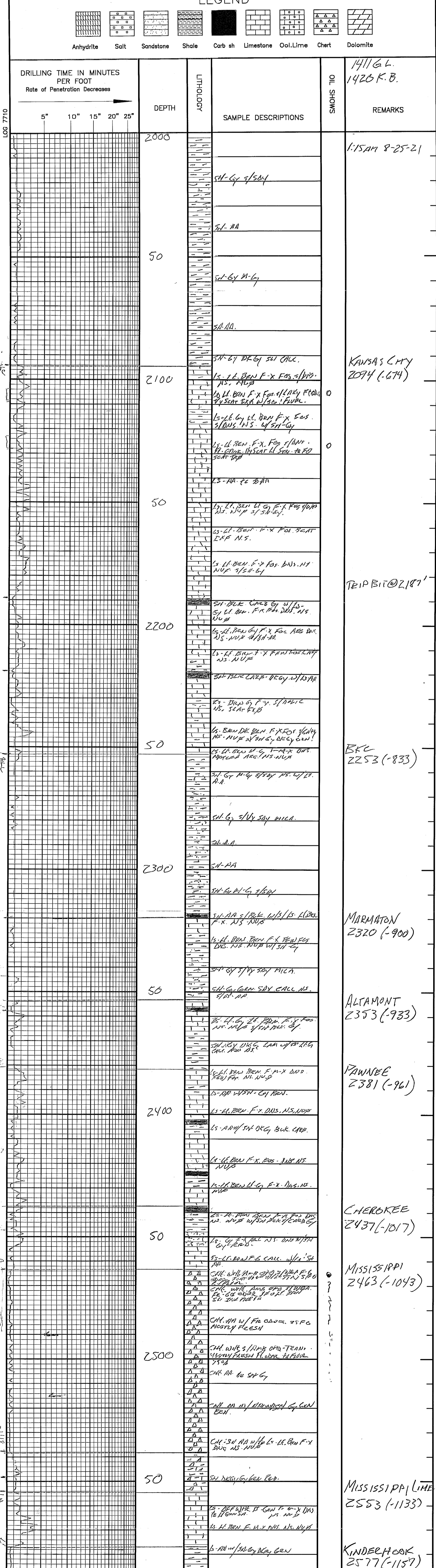
2123' - 2128'  
Limestone - light brown, fine crystalline, fossiliferous, some dense, faint odor, very scattered light stain, trace free oil, scattered intercrystalline porosity with fluorescence.

**Mississippi 2463' (-1043)**  
2463' - 2483'  
Chert - white, amber, opaque to translucent, some weathered, fair to good odor, scattered vugular porosity with light stain, show free oil, good fluorescence.

2484' - 2510'  
Chert - white, amber, mostly fresh, opaque to translucent, fair odor, light stain, show free oil - light brown, some vugular and pin point porosity with fluorescence.

### CONCLUSIONS

The decision to was made to run 5 1/2 inch casing to further evaluate the Mississippian Chert through perforations.



810 E 7<sup>TH</sup>  
 PO Box 92  
 EUREKA, KS 67045  
 (620) 583-5561



**Cement or Acid Field Report**

Ticket No. **5842**  
 Foreman David Gardner  
 Camp Eureka

API # 15-015-24152

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
8-23-21	1037	Joseph A #1	14	24S.	4E.	Butler	KS
Customer	Mailing Address		Safety Meeting	Unit #	Driver	Unit #	Driver
C+G Drilling	701 E. River		DC 511 JV	105	Jason		
City	State	Zip Code		113	Jason		
Eureka	KS	67045					

Job Type Surface Hole Depth 212' K.B. Slurry Vol. 36 Bbl Tubing \_\_\_\_\_  
 Casing Depth 197.06' G.L. Hole Size 12 1/4" Slurry Wt. 15" Drill Pipe \_\_\_\_\_  
 Casing Size & Wt. 8 5/8" Cement Left in Casing 15' 1/2" Water Gal/SK \_\_\_\_\_ Other \_\_\_\_\_  
 Displacement 12 1/2 Bbl Displacement PSI \_\_\_\_\_ Bump Plug to \_\_\_\_\_ BPM \_\_\_\_\_

Remarks: Safety Meeting: Rig up to 8 5/8" casing. Break circulation w/ 16 Bbl fresh water. Mixed 145 sks Class A' Cement w/ 3 1/2 Cclz, 2% Gel, 1/4" Floscal/sk @ 15"/gal, yield 1.37 = 36 Bbl slurry. Displace w/ 12 1/2 Bbl fresh water. Shut down. Close casing in. Good cement returns to surface = 6 Bbl slurry to pit. Job complete. Rig down.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C101	1	Pump Charge	890.00	890.00
C107	30	Mileage	4.20	126.00
C200	145 SKS	Class A' Cement	17.35	2515.75
C205	410"	Cclz 3%	.69	282.90
C206	275"	Gel 2%	.28	77.00
C209	35"	Floscal 1/4"/sk	2.60	91.00
C108	16.81 Tons	Ton Mileage - Bulk Truck	m/c	365.00
<u>Thank You</u>			Sub Total	4,347.65
			Less 5%	227.02
			16.5% Sales Tax	192.83

Authorization by Tim Gulick Title \_\_\_\_\_ Total 4,313.46

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

870 E 7TH  
PO Box 92  
EUREKA, KS 67045  
(620) 583-5561



**Cement or Acid Field Report**

Ticket No. **5827**  
Foreman Kevin McCoy  
Camp EUREKA

APT # 15-015-24152

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
8-26-21	1037	Joseph A #1	14	24s	4E	Butler	KS
Customer			Unit #	Driver		Unit #	Driver
C & G DRLG, INC.			104	ALAN M.			
Mailing Address			112	KEVIN M.			
701 E. RIVER			127 P.U.	GLENN M.			
City	State	Zip Code					
EUREKA	KS	67045					

Job Type LONGSTRING Hole Depth 2588' L.D. Slurry Vol. 41.66L Tubing \_\_\_\_\_  
 Casing Depth 2561.04 G.L. Hole Size 7 7/8 Slurry Wt. 13.8 # Drill Pipe \_\_\_\_\_  
 Casing Size & Wt. 5 1/2" 17 # Cement Left in Casing 0' Water Gal/SK 9.0 Other \_\_\_\_\_  
 Displacement 62 BBL Displacement PSI 700 Bump Plug to 1200 PSI BPM \_\_\_\_\_

Remarks: SAFETY Meeting: 5 1/2" 17" casing set @ 2561.04 G.L. Rig up to 5 1/2" casing w/ rotating swivel. BREAK circulation w/ 10 BBL fresh water. Mixed 125 SKS THICK SET Cement w/ 5# Kol-Seal/SK, 2# PhenoSeal/SK @ 13.8 #/gal, yield 1.85 = 41.66L slurry. wash out pump & lines. Shut down. Release Latch down plug. Displace plug to seat w/ 62 BBL fresh water. (KCL in first 20 BBL) FINAL pumping pressure 700 PSI. Bump plug to 1200 PSI. wait 2 mins. Release pressure, float & plug held. Good circulation @ ALL times while cementing. Rotated casing while displacing plug. Job complete. Rig down.

Plug R.H. & M.H.  
Centralizers #1, 2, 3, 6, 7, 8

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 102	1	Pump Charge	1100.00	1100.00
C 107	30	Mileage	4.20	126.00
C 201	150 SKS	THICK SET Cement	22.55	3382.50
C 207	750 #	KOL-SEAL 5 #/SK	.52 #	390.00
C 208	300 #	PhenoSeal 2 #/SK	1.45 #	435.00
C 108 A	8.25 TONS	Ton Mileage	M/C	365.00
C 661	1	5 1/2 AFU FLOAT Shoe w/ Latch down insert	340.00	340.00
C 421	1	5 1/2 LATCH down Plug	266.00	266.00
C 504	6	5 1/2 x 7 7/8 Centralizers	55.00	330.00
C 112	1	Rotating Cementing Swivel	105.00	105.00
C 222	1 gal	KCL	30.00	30.00
			Sub Total	6867.50
			less 5%	360.63
			Sales Tax	345.10
Authorization <u>By Tim Gulick</u> Title _____ Total <u>6,851.97</u>				

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.