

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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PRESSURE PUMPING LLC

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

TICKET NUMBER 54343  
LOCATION Eldorado  
FOREMAN Brad Butler

**FIELD TICKET & TREATMENT REPORT  
CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-29-18	5033	T. Wiebe # 30-3	3Q	23s	5E	Butter
CUSTOMER ENTRANSCO Energy, LLC			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS P.O. Box 578			603	Chance		
CITY Dewey			775	Coy		
STATE OK			702	Brad		
ZIP CODE 74029				Austin		

JOB TYPE Longstring HOLE SIZE 7 7/8" HOLE DEPTH 2608' KB CASING SIZE & WEIGHT 5 1/2" - 15.5lb.  
 CASING DEPTH 2593' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER 7' Landing Joint  
 SLURRY WEIGHT 14.4lb. SLURRY VOL 60 Bbls. WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0'  
 DISPLACEMENT 61.88 Bbls DISPLACEMENT PSI 800 MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety Meeting: Rig up to 5 1/2" casing, pump 5 Bbl water ahead, 5 Bbl. CaCl2 water, 10 Bbl. Sodium Metasilicate water, pumped 5 Bbl water spacer. Mixed 210 sks. Regular cement w/ 4% gel, 2% CaCl2, 5lb. PPSK of KOL-SEAL and 1/2lb. PPSK of Pheno SEAL. mixed cement = 14.4lb. PPSK/gal. Shut down - washout pump + lines - Release Plug, displace Plug with Bbls water. Signal pumping @ 800 psi - Land Plug with 1300 psi, wait a few minutes - Release Pressure - Float Held closed casing in with 0 psi  
Note: We had good circulation during cementing procedure  
Job complete - Teardown

NOTE: Plug Kill with 10 sks cement "Thank you"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE 0451	1	PUMP CHARGE	1,900.00	1,900.00
CE 0002	20	MILEAGE	7.15	143.00
CE 0711	M/C	Bulk Truck charge	660.00	660.00
CC 5800A	220 SACKS	Regular - class A cement	20.00	4,400.00
CC 5325	400 lbs.	Calcium Chloride 2%	1.25	500.00
CC 5965	850 lbs.	Bentonite 4%	.30	255.00
CC 6077	1100 lbs.	KOL-SEAL 5lb. PPSK	.50	550.00
CC 6079	120 lbs.	Pheno SEAL 1/2lb. PPSK	1.35	162.00
CC 5970	100 lbs.	Sodium Metasilicate > Flush Ahead	2.55	255.00
CC 5325	50 lbs.	Calcium Chloride	1.25	62.50
CP 8179	1	5 1/2" Top Rubber Plug	125.00	125.00
				9,012.50
		Discount		- 3,154.37
		SubTotal		5,858.13
		SALES TAX		
		ESTIMATED TOTAL		

AUTHORIZATION \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



# GEOLOGICAL REPORT

Entranco Energy, LLC

T. Wiebe #30-3

N/2 SW SE Section 30-T23S-R5E

Butler County, Kansas

COMMENCED: 11-26-18

COMPLETED: 11-29-18

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.D. 2608

STATUS: Oil

A.P.I. #: 15-015-24110

OPERATOR LIC.: 35018

FIELD: Hazlett

ELEVATION: 1477 K.B.

LOGS: CNT LDT MLT PIT

MUD SYSTEM: Chemical

OTHER:

*William M. Stout*  
11-29-18

William M. Stout  
Geologist

## FORMATION TOPS

	1471 G.L.	1477 K.B.
Kansas City	2086 -609	2081 604
Base Kansas City	2229 -752	2223 -746
Altamont	2349 -872	2346 -869
Cherokee	2432 -955	2425 -948
Conglomerate Sand	2445 -968	2442 -965
Mississippi	2469 -992	2470 -993
Mississippi Lime	2574 -1097	2572 -1095
Total Depth	2608 -1131	2604 -1127

## SAMPLE DESCRIPTIONS

- Conglomerate Sand 2445' (-968)  
2445' - 2452'  
Sandstone - brown, clear, fine to coarse grain, fair odor, brown stain, show free oil, poor to fair porosity, scattered fluorescence.
- Mississippi 2469' (-992)  
2469' - 2488'  
Chert - white, light brown, amber, opaque to translucent, some fresh, some weathered with light stain, fair odor, show free oil with gas bubbles, vugular and pin point porosity with fluorescence.
- 2492' - 2510'  
Chert - white, light brown, opaque, mostly weathered, fair odor, light stain, show free oil with gas bubbles, pin point and vugular porosity with scattered fluorescence.

## CONCLUSIONS

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

