

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
--	---

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
---	---	------------------------------------

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:	
----------------	-------	---------	------------	--



Company: Entranco Energy, LLC

Lease: T. Wiebe #31-3

SEC: 31 TWN: 23S RNG: 5E
County: BUTLER
State: Kansas
Drilling Contractor: C & G Drilling Company - Rig 1
Elevation: 1468 EGL
Field Name: Hazlett
Pool: Infield
Job Number: 244

Operation:
Test Complete

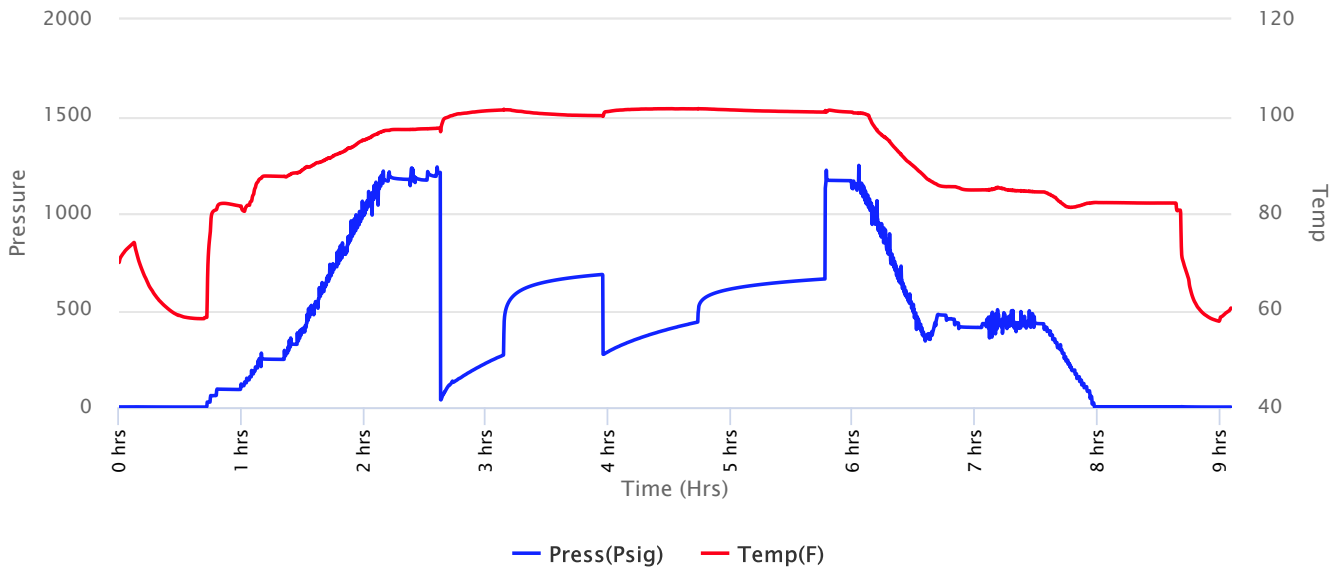
DATE
October
04
2018

DST #1 **Formation: MISS** **Test Interval: 2444 - 2468'** **Total Depth: 2468'**
Time On: 21:00 10/04 Time Off: 05:54 10/05
Time On Bottom: 23:33 10/05 Time Off Bottom: 02:33 10/06

Electronic Volume Estimate:
1030'

<u>1st Open</u>	<u>1st Close</u>	<u>2nd Open</u>	<u>2nd Close</u>
Minutes: 30	Minutes: 45	Minutes: 45	Minutes: 60
Current Reading: 80.1" at 30 min	Current Reading: 0" at 45 min	Current Reading: 92.3" at 45 min	Current Reading: 0" at 60 min
Max Reading: 80.1"	Max Reading: 0"	Max Reading: 92.3"	Max Reading: 0"

Inside Recorder





Company: Entransco Energy, LLC

Lease: T. Wiebe #31-3

SEC: 31 TWN: 23S RNG: 5E
County: BUTLER
State: Kansas
Drilling Contractor: C & G Drilling
Company - Rig 1
Elevation: 1468 EGL
Field Name: Hazlett
Pool: Infield
Job Number: 244

Operation:
Test Complete

DATE
October
04
2018

DST #1 **Formation: MISS** **Test Interval: 2444 - 2468'** **Total Depth: 2468'**
Time On: 21:00 10/04 Time Off: 05:54 10/05
Time On Bottom: 23:33 10/05 Time Off Bottom: 02:33 10/06

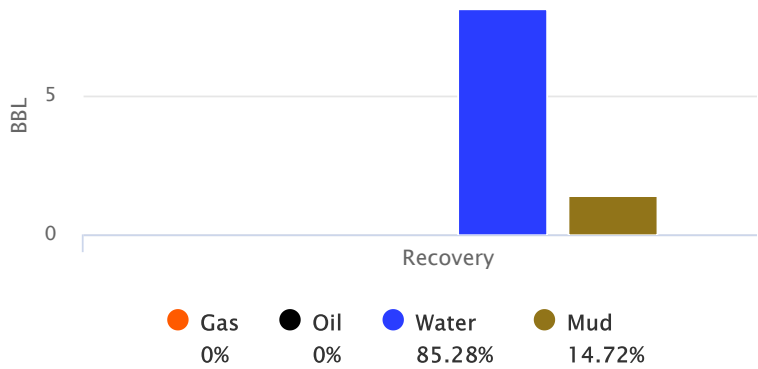
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
80	0.8672	HMCW	0	0	58	42
900	8.71408	SLMCW	0	0	88	12

Total Recovered: 980 ft
Total Barrels Recovered: 9.58128

Reversed Out
YES

Recovery at a glance



Initial Hydrostatic Pressure	1175	PSI
Initial Flow	39 to 270	PSI
Initial Closed in Pressure	683	PSI
Final Flow Pressure	274 to 440	PSI
Final Closed in Pressure	662	PSI
Final Hydrostatic Pressure	1170	PSI
Temperature	102	°F
Pressure Change Initial Close / Final Close	3.1	%



**Company: Entransco Energy,
LLC**

Lease: T. Wiebe #31-3

SEC: 31 TWN: 23S RNG: 5E
County: BUTLER
State: Kansas
Drilling Contractor: C & G Drilling
Company - Rig 1
Elevation: 1468 EGL
Field Name: Hazlett
Pool: Infield
Job Number: 244

Operation:
Test Complete

DATE
October
04
2018

DST #1	Formation: MISS	Test Interval: 2444 - 2468'	Total Depth: 2468'
	Time On: 21:00 10/04	Time Off: 05:54 10/05	
	Time On Bottom: 23:33 10/05	Time Off Bottom: 02:33 10/06	

BUCKET MEASUREMENT:

1st Open: 1"BLOW-INCREASING TO BOTTOM OF BUCKET IN 4 MINUTES 30 SECONDS

1st Close: NO BLOW BACK

2nd Open: 1/2"BLOW-INCREASING TO BOTTOM OF BUCKET IN 4 MINUTES

2nd Close: NO BLOW BACK

REMARKS:

SCUM OF OIL IN 80' RECOVERY

Tool Sample: 0% Gas 1% Oil 97% Water 2% Mud

Ph: 7

Measured RW: .29 @ 50 degrees °F

RW at Formation Temp: 0.151 @ 102 °F

Chlorides: 34000 ppm



Company: Entransco Energy, LLC

Lease: T. Wiebe #31-3

SEC: 31 TWN: 23S RNG: 5E
County: BUTLER
State: Kansas
Drilling Contractor: C & G Drilling Company - Rig 1
Elevation: 1468 EGL
Field Name: Hazlett
Pool: Infield
Job Number: 244

Operation:
Test Complete

DATE
October
04
2018

DST #1 **Formation: MISS** **Test Interval: 2444 - 2468'** **Total Depth: 2468'**
Time On: 21:00 10/04 Time Off: 05:54 10/05
Time On Bottom: 23:33 10/05 Time Off Bottom: 02:33 10/06

Down Hole Makeup

Heads Up: 35.36 FT	Packer 1: 2439 FT
Drill Pipe: 2270.79 FT <i>ID-3</i>	Packer 2: 2444 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 2428.42 FT
Collars: 176 FT <i>ID-2 1/4</i>	Bottom Recorder: 2449 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 24	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 3 FT <i>4 1/2-FH</i>	
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3</i>	
Change Over: FT	
Perforations: (below): 20 FT <i>4 1/2-FH</i>	



**Company: Entransco Energy,
LLC**

Lease: T. Wiebe #31-3

SEC: 31 TWN: 23S RNG: 5E
County: BUTLER
State: Kansas
Drilling Contractor: C & G Drilling
Company - Rig 1
Elevation: 1468 EGL
Field Name: Hazlett
Pool: Infield
Job Number: 244

Operation:
Test Complete

DATE
October
04
2018

DST #1 **Formation: MISS** **Test Interval: 2444 - 2468'** **Total Depth: 2468'**
Time On: 21:00 10/04 Time Off: 05:54 10/05
Time On Bottom: 23:33 10/05 Time Off Bottom: 02:33 10/06

Mud Properties

Mud Type: CHEMICAL **Weight:** 9.2 **Viscosity:** 48 **Filtrate:** 8.8 **Chlorides:** 1100 ppm



Company: Entranco Energy, LLC

Lease: T. Wiebe #31-3

SEC: 31 TWN: 23S RNG: 5E
County: BUTLER
State: Kansas
Drilling Contractor: C & G Drilling
Company - Rig 1
Elevation: 1468 EGL
Field Name: Hazlett
Pool: Infield
Job Number: 244

Operation:
Test Complete

DATE
October
04
2018

DST #1 **Formation: MISS** **Test Interval: 2444 - 2468'** **Total Depth: 2468'**
Time On: 21:00 10/04 Time Off: 05:54 10/05
Time On Bottom: 23:33 10/05 Time Off Bottom: 02:33 10/06

Gas Volume Report

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
------	---------	-----	-------

Time	Orifice	PSI	MCF/D
------	---------	-----	-------



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

TICKET NUMBER 54236
 LOCATION Ch. Doanado, KS
 FOREMAN Fu224

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-6-18	5033	T. W. Icke 31-3	31	235	5E	Bullot KS
CUSTOMER Entraviso Energy			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS P.O. Box 578			603	Jeremy		
CITY Dewey			713	Jacob		
STATE OKLA			725	Fu224		
ZIP CODE 74029						

JOB TYPE Production HOLE SIZE 778 HOLE DEPTH _____ CASING SIZE & WEIGHT 5 1/2 - 15.5
 CASING DEPTH 2580 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.14.3 SLURRY VOL 42 BBL WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 61.4 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting on C46 Dvlg. Rig up and pump 500 gal
water, 500 gal mud flush, 5 BBLs water. mix 10% cement
in RH. mix 16% salt 65/35 pos w 2% oil, 10% salt, 5%
Kol-seal and 1# phenoseal pack, wash pump and lines
Drop plug and displace 61 3/4 BBL. 600* 1 1/4, Land
plug @ 1050* Flow hold

THANKS Fu2249 Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0451	1	PUMP CHARGE	1900 ⁰⁰	1900 ⁰⁰
CE0002	20	MILEAGE	7.15	143 ⁰⁰
CE0711	8.2400	Tow Mileage Delivery (min)	660 ⁰⁰	660 ⁰⁰
CE1200	1	5 1/2 Plug Container	350 ⁰⁰	350 ⁰⁰
CC9854	1759KS	65/35 pos	15 ⁰⁰	2712 ⁰⁰
CC9865	300*	Bentonite	1.30	90 ⁰⁰
CC9326	850*	SALT	1 ⁰⁰	850 ⁰⁰
CC6077	850*	Kol-seal	.50	425 ⁰⁰
CC6079	169*	Phenoseal	1.35	216 ⁰⁰
CP8179	1	5 1/2 Plug	125 ⁰⁰	125 ⁰⁰
CC6125	500 gal	Mud flush	.65	325 ⁰⁰
		Subtotal		7796 ⁰⁰
		discount	3590	2728 ⁰⁰
		Subtotal		5067 ⁰⁰
		SALES TAX		
		ESTIMATED TOTAL		

Ravin 3737

AUTHORIZATION [Signature] 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

Entransco Energy, LLC

T. Wiebe #31-3

NE NE SE Section 31-T23S-R5E

Butler County, Kansas

COMMENCED: 10-02-18
 COMPLETED: 10-06-18
 CONTRACTOR: C & G Drilling Co.
 SIZE OF HOLE: 7 7/8"
 SURFACE PIPE: 8 5/8"
 CEMENTED WITH: N/A
 LONG STRING: 5 1/2"
 CEMENTED WITH: N/A
 R.T.D.: 2690'

STATUS: Oil
 A.P.I. #: 15-015-24108
 OPERATOR LIC.: 35018
 FIELD: Hazlett
 ELEVATION: 1486 K.B.
 LOGS: CNT LDT MLT PT

MUD SYSTEM: Chemical
 OTHER:

William M. Stout
 Geologist

William M. Stout
 10-9-18

FORMATION TOPS

1480 G.L. 1486 K.B.

	Sample	Log
Kansas City	2081-595	2081-595
Base Kansas City	2220-734	2220-734
Altamont	2343-857	2344-858
Cherokee	2423-937	2423-937
Mississippi Chert	2454-968	2454-968
Mississippi Lime	2530-1044	2531-1045
Total Depth	2590-1104	2590-1104

SAMPLE DESCRIPTIONS

Kansas City 2081 (-595)
 2089' - 2093'
 Limestone - light brown, fine crystalline, few fossils, some dense, no odor, trace stain, scattered vugular porosity with show free oil and fluorescence.

Mississippi 2454 (-968)
 2454' - 2470'
 Chert - off white, opaque, mostly weathered, fair to good odor, good light stain, show free oil with gas bubbles, pin point and vugular porosity with fluorescence. Covered by DST #1.

DST #1 2444' - 2468'
 Open tool 30 min. had 1 inch blow building to bottom of bucket in 4 min. 30 sec. Close tool 45 min. Open tool 45 min. had 1 1/2 inch blow building to bottom of bucket in 4 min. Close tool 60 min. Recovered 980' TF, 80' HMCW (58% W, 42% M), 900' SLMCW (88% W, 12% M).
 IFP: 39 - 270# FFP: 274 - 440#
 ISIP: 683# FSIP: 662#
 HP: 1175 - 1170#
 Temp. 102 degrees Chlorides 34,000 ppm

2470' - 2500'
 Chert - white, light brown, some amber, opaque, some translucent, increase fresh, faint odor, some weathered with light stain, slight show free oil, few gas bubbles, scattered vugular and pin point porosity with fluorescence.

CONCLUSIONS

Because of the good sample shows and structural position the decision was made to set and cement casing to further evaluate the Mississippian.

