

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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PRESSURE PUMPING LLC

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

TICKET NUMBER 54279
LOCATION Eldorado KS
FOREMAN Austin

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-11-18		T. Wirbe 31-4	31	23	5	Butler
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Entersco Energy			866	Austin		
MAILING ADDRESS			760	Jud		
P.O. Box 578			169	Chance		
CITY		STATE	ZIP CODE			
Drewy		OK	74209			

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 216 CASING SIZE & WEIGHT 8 5/8
 CASING DEPTH 208 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.5 SLURRY VOL 74.8 WATER gal/sk 2.89 CEMENT LEFT in CASING _____
 DISPLACEMENT 13 DISPLACEMENT PSI 3 MIX PSI _____ RATE _____

REMARKS: Safety meeting. Hooked up to 1 1/2" casing broke circulation then
dumped 4 bbl water then 135 sks cement then displaced 13 bbl water
shut in valve

Class A Cement 135 sks
2% Cact
3% CC

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	1500.00	1500.00
CE0002	20	MILEAGE	7.15	143.00
CE0711	1	min bulk delivery	660.00	660.00
CC5841	135	Surface Blend II	23.00	3105.00
CE6075	75	Poly flake	2.00	150.00
		Subtotal	=	5358.00
		Discount	35%	1945.30
		total		
		SALES TAX		=
		ESTIMATED TOTAL		3612.70

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.



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

TICKET NUMBER 54261

LOCATION Eldorado

FOREMAN Brad Butler

**FIELD TICKET & TREATMENT REPORT
 CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-16-18	5033	T. Wiche # 31-4	31	23 23	5E	Butler
CUSTOMER			TRUCK #			
ENTRANSO Energy, LLC			DRIVER			
MAILING ADDRESS			TRUCK #			
P.O. Box 578			DRIVER			
CITY		STATE	ZIP CODE			
Dewey		OK	74029			

JOB TYPE Long String HOLE SIZE 7 7/8" HOLE DEPTH 2603' KB CASING SIZE & WEIGHT 5 1/2" - 15.5 lb.
 CASING DEPTH 2595' DRILL PIPE _____ TUBING _____ OTHER 7' Landing Joint
 SLURRY WEIGHT 14.0 - 14.3 SLURRY VOL 42 Bbls. WATER gal/sk _____ CEMENT LEFT in CASING 0'
 DISPLACEMENT 62 Bbls. DISPLACEMENT PSI 650 MIX PSI _____ RATE 5 3/4 bpm

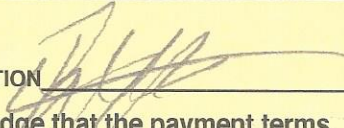
REMARKS: Safety Meeting: Rig up to 5 1/2" casing, pumped 5 Bbl water ahead, 12 Bbl. Mud Flush followed with 5 Bbl water spacer. Mixed 165 sks 65/35 Pozmix cement w/ chemicals at 14.0 to 14.3 lb per gal. Shutdown - wash out pump lines - Release Plug, displace Plug with 62 Bbl water. Final pumping at 600 psi - Land Plug with 1100 psi, wait a few minutes - Release Pressure. Float Held - closed casing in with 0 psi. We had good circulation during Job procedure.

NOTE: Plug R.H. with 10SKS cement

"Thank you"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE 0451	1	PUMP CHARGE	1900.00	1900.00
CE 0002	20	MILEAGE	7.15	143.00
CE 0711	m/c	Bulk Truck charge	660.00	660.00
CE 1200	1	5 1/2" Plug container	350.00	350.00
CC 5844	175 SACKS	65/35 Pozmix cement	15.50	2712.50
CC 5965	300 lbs.	Gel 2%	.30	90.00
CC 5326	850 lbs.	Sodium Chloride (SALT) 10% water weight	1.00	850.00
CC 6077	850 lbs.	KOI SEAL 5 lbs per sk	.50	425.00
CC 6079	160 lbs.	PhenoSEAL 1 lb	1.35	216.00
CP 8179	1	5 1/2" Top Rubber Plug	125.00	125.00
CC 6125	500 gal.	Mud Flush	.65	325.00
				7796.50
		Discount	35%	2728.77
		Sub Total		5067.73
		SALES TAX		
		ESTIMATED TOTAL		

Ravin 3737

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.



Company: Entranco Energy, LLC

Lease: T. Wiebe #31-4

SEC: 31 TWN: 23S RNG: 5E
County: BUTLER
State: Kansas
Drilling Contractor: C & G Drilling
Company - Rig 1
Elevation: 1463 EGL
Field Name: Hazlett
Pool: Infield
Job Number: 253

Operation:
Uploading recovery &
pressures

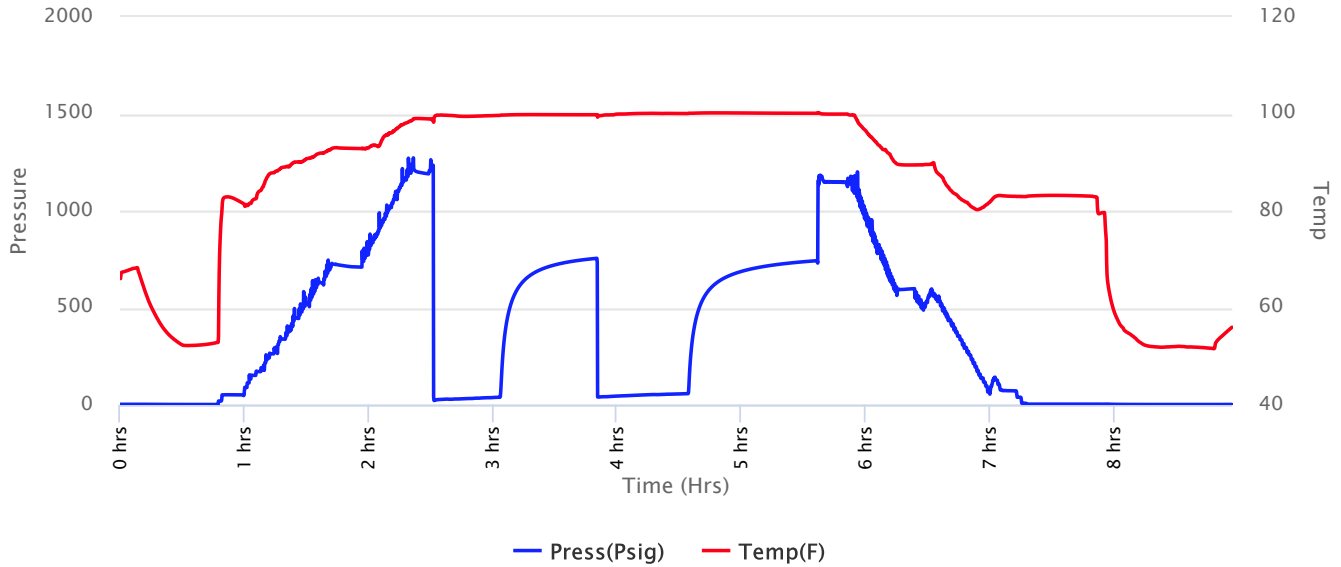
DATE
October
14
2018

DST #1 **Formation: MISS** **Test Interval: 2451 - 2484'** **Total Depth: 2484'**
Time On: 00:55 10/14 Time Off: 09:40 10/14
Time On Bottom: 03:22 10/14 Time Off Bottom: 06:22 10/14

Electronic Volume
Estimate:
70'

<u>1st Open</u>	1st Close	<u>2nd Open</u>	2nd Close
Minutes: 30	Minutes: 45	Minutes: 45	Minutes: 60
Current Reading: 4.25" at 30 min	Current Reading: 0" at 45 min	Current Reading: 1" at 45 min	Current Reading: 0" at 60 min
Max Reading: 4.25"	Max Reading: 0"	Max Reading: 1"	Max Reading: 0"

Inside Recorder





Company: Entransco Energy, LLC

Lease: T. Wiebe #31-4

SEC: 31 TWN: 23S RNG: 5E
County: BUTLER
State: Kansas
Drilling Contractor: C & G Drilling Company - Rig 1
Elevation: 1463 EGL
Field Name: Hazlett
Pool: Infield
Job Number: 253

Operation:
Uploading recovery & pressures

DATE
October
14
2018

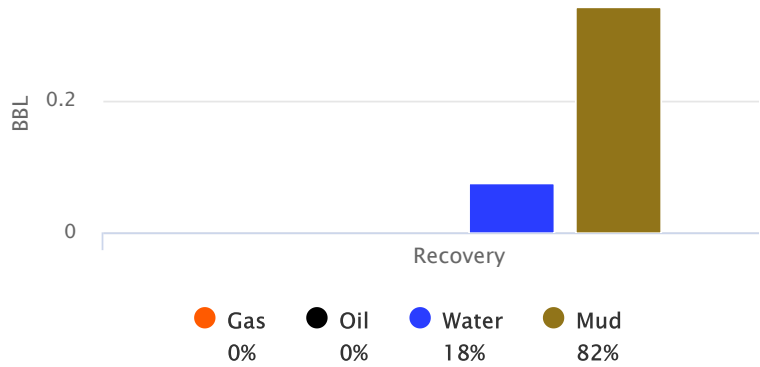
DST #1 **Formation: MISS** **Test Interval: 2451 - 2484'** **Total Depth: 2484'**
Time On: 00:55 10/14 Time Off: 09:40 10/14
Time On Bottom: 03:22 10/14 Time Off Bottom: 06:22 10/14

Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
85	0.4182	SLWCM	0	0	18	82

Total Recovered: 85 ft
Total Barrels Recovered: 0.4182

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	1191	PSI
Initial Flow	22 to 39	PSI
Initial Closed in Pressure	755	PSI
Final Flow Pressure	40 to 58	PSI
Final Closed in Pressure	743	PSI
Final Hydrostatic Pressure	1183	PSI
Temperature	101	°F
Pressure Change Initial Close / Final Close	1.6	%



**Company: Entransco Energy,
LLC**

Lease: T. Wiebe #31-4

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County: BUTLER
State: Kansas
Drilling Contractor: C & G Drilling
Company - Rig 1
Elevation: 1463 EGL
Field Name: Hazlett
Pool: Infield
Job Number: 253

Operation:

Uploading recovery &
pressures

DATE

October
14
2018

DST #1	Formation: MISS	Test Interval: 2451 - 2484'	Total Depth: 2484'
	Time On: 00:55 10/14	Time Off: 09:40 10/14	
	Time On Bottom: 03:22 10/14	Time Off Bottom: 06:22 10/14	

BUCKET MEASUREMENT:

1st Open: 3/4"BLOW-INCREASING TO 4 1/4" IN 30 MINUTES

1st Close: NO BLOW BACK

2nd Open: NO BLOW-INCREASING TO 1" IN 45 MINUTES

2nd Close: NO BLOW BACK

REMARKS:

SEVERAL OIL SPECKS IN 85' RECOVERY

Tool Sample: 0% Gas 0% Oil 28% Water 72% Mud

Ph: 7

Measured RW: .47 @ 51 degrees °F

RW at Formation Temp: 0.252 @ 101 °F

Chlorides: 21000 ppm



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Elevation: 1463 EGL
Field Name: Hazlett
Pool: Infield
Job Number: 253

Operation:
Uploading recovery & pressures

DATE
October
14
2018

DST #1 **Formation: MISS** **Test Interval: 2451 - 2484'** **Total Depth: 2484'**
Time On: 00:55 10/14 Time Off: 09:40 10/14
Time On Bottom: 03:22 10/14 Time Off Bottom: 06:22 10/14

Down Hole Makeup

Heads Up: 27.54 FT	Packer 1: 2446 FT
Drill Pipe: 2269.97 FT <i>ID-3</i>	Packer 2: 2451 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 2435.42 FT
Collars: 176 FT <i>ID-2 1/4</i>	Bottom Recorder: 2456 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: 33	Surface Choke: 1"
Anchor Makeup	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): 29 FT <i>4 1/2-FH</i>	



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LLC**

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Company - Rig 1
Elevation: 1463 EGL
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Job Number: 253

Operation:
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pressures

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14
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DST #1 Formation: MISS Test Interval: 2451 - Total Depth: 2484'
2484'
Time On: 00:55 10/14 Time Off: 09:40 10/14
Time On Bottom: 03:22 10/14 Time Off Bottom: 06:22 10/14

Mud Properties

Mud Type: CHEMICAL Weight: 9.2 Viscosity: 48 Filtrate: 12.4 Chlorides: 1200 ppm



Company: Entranco Energy, LLC

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2484'
Time On: 00:55 10/14 Time Off: 09:40 10/14
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Gas Volume Report

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
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Time	Orifice	PSI	MCF/D
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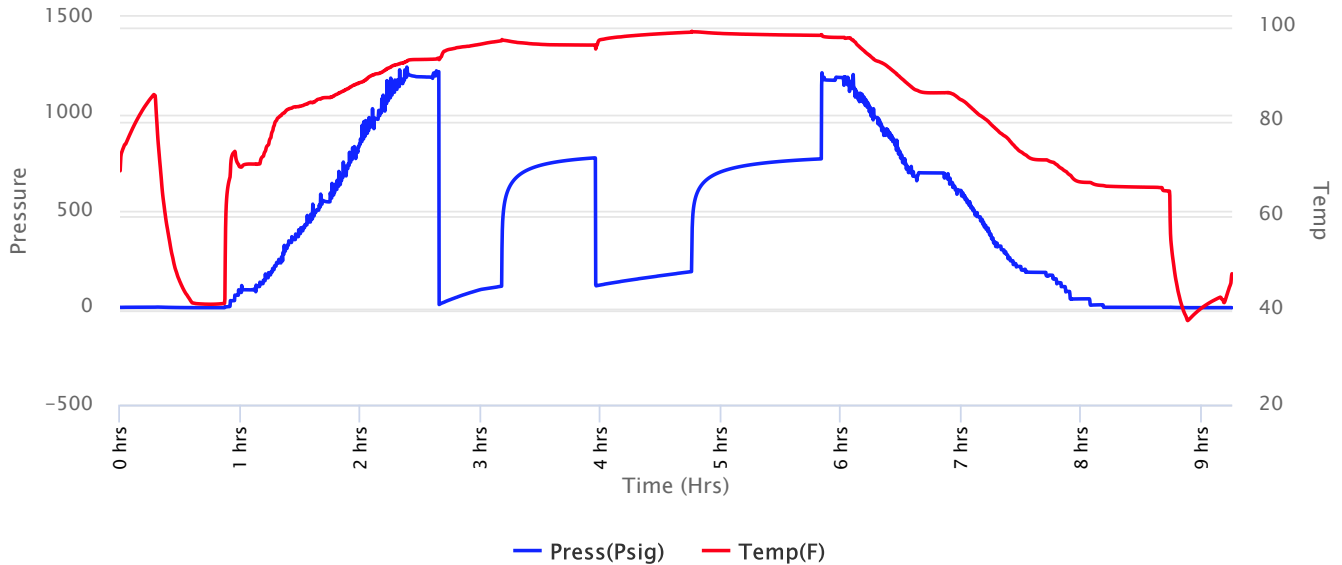
DATE
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DST #2 **Formation: MISS** **Test Interval: 2484 - 2500'** **Total Depth: 2500'**
Time On: 15:35 10/14 Time Off: 00:46 10/15
Time On Bottom: 18:17 10/14 Time Off Bottom: 21:17 10/14

Electronic Volume
Estimate:
387'

<u>1st Open</u>	1st Close	<u>2nd Open</u>	2nd Close
Minutes: 30	Minutes: 45	Minutes: 45	Minutes: 60
Current Reading: 21.3" at 30 min	Current Reading: 0" at 45 min	Current Reading: 27.3" at 45 min	Current Reading: 0" at 60 min
Max Reading: 21.3"	Max Reading: 0"	Max Reading: 27.3"	Max Reading: 0"

Inside Recorder





Company: Entransco Energy, LLC

Lease: T. Wiebe #31-4

SEC: 31 TWN: 23S RNG: 5E
 County: BUTLER
 State: Kansas
 Drilling Contractor: C & G Drilling
 Company - Rig 1
 Elevation: 1463 EGL
 Field Name: Hazlett
 Pool: Infield
 Job Number: 253

Operation:
 Uploading recovery & pressures

DATE
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DST #2 **Formation: MISS** **Test Interval: 2484 - 2500'** **Total Depth: 2500'**
 Time On: 15:35 10/14 Time Off: 00:46 10/15
 Time On Bottom: 18:17 10/14 Time Off Bottom: 21:17 10/14

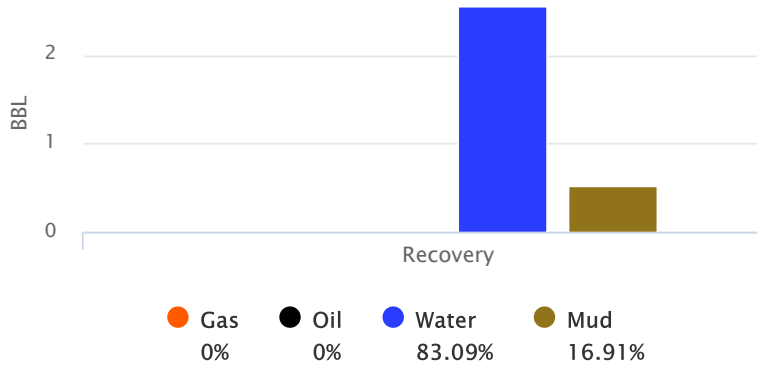
Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
110	1.1924	HMCW	0	0	69	31
270	1.88488	SLMCW	0	0	92	8

Total Recovered: 380 ft
 Total Barrels Recovered: 3.07728

Reversed Out
 NO

Initial Hydrostatic Pressure	1191	PSI
Initial Flow	17 to 112	PSI
Initial Closed in Pressure	773	PSI
Final Flow Pressure	113 to 187	PSI
Final Closed in Pressure	768	PSI
Final Hydrostatic Pressure	1174	PSI
Temperature	100	°F
Pressure Change Initial Close / Final Close	0.6	%

Recovery at a glance





**Company: Entransco Energy,
LLC**

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County: BUTLER
State: Kansas
Drilling Contractor: C & G Drilling
Company - Rig 1
Elevation: 1463 EGL
Field Name: Hazlett
Pool: Infield
Job Number: 253

Operation:
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DST #2	Formation: MISS	Test Interval: 2484 - 2500'	Total Depth: 2500'
	Time On: 15:35 10/14	Time Off: 00:46 10/15	
	Time On Bottom: 18:17 10/14	Time Off Bottom: 21:17 10/14	

BUCKET MEASUREMENT:

1st Open: 1//2"BLOW-INCREASING TO BOTTOM OF THE BUCKET IN 14 MINUTES 30 SECONDS

1st Close: NO BLOW BACK

2nd Open: NO BLOW-INCREASING TO BOTTOM OF THE BUCKET IN 19 MINUTES

2nd Close: NO BLOW BACK

REMARKS:

SCUM OF OIL THROUGHOUT RECOVERY

Tool Sample: 0% Gas 4% Oil 71% Water 25% Mud

Ph: 7

Measured RW: .42 @ 31 degrees °F

RW at Formation Temp: 0.149 @ 100 °F

Chlorides: 36000 ppm



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Time On: 15:35 10/14 Time Off: 00:46 10/15
Time On Bottom: 18:17 10/14 Time Off Bottom: 21:17 10/14

Down Hole Makeup

Heads Up: 26.41 FT	Packer 1: 2479 FT
Drill Pipe: 2301.84 FT <i>ID-3</i>	Packer 2: 2484 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 2468.42 FT
Collars: 176 FT <i>ID-2 1/4</i>	Bottom Recorder: 2486 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: 16	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): FT <i>4 1/2-FH</i>	
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3</i>	
Change Over: FT	
Perforations: (below): 15 FT <i>4 1/2-FH</i>	



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LLC**

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Mud Properties

Mud Type: CHEMICAL Weight: 9.4 Viscosity: 48 Filtrate: 11.6 Chlorides: 1200 ppm



Company: Entransco Energy, LLC

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County: BUTLER
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Gas Volume Report

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
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Time	Orifice	PSI	MCF/D
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GEOLOGICAL REPORT

Entranco Energy, LLC

T. Wiebe #314

SE NW NE Section 31-T23S-R5E

Butler County, Kansas

William M. Stout
10-16-18

R.T.D.: 2603

COMMENCED: 10-11-18
 COMPLETED: 10-16-18
 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
 OTHER:

STATUS: Oil
 A.P.I. #: 15-015-24109
 OPERATOR LIC.: 36018
 FIELD: Hazlett
 ELEVATION: 1469 K.B.
 LOGS: None
 MUD SYSTEM: Chemical

FORMATION TOPS

1463 G.L. 1469 K.B.

Formation	Sample
Kansas City	2077-608
Base Kansas City	2220-751
Altamont	2343-874
Cherokee	2424-955
Mississippi Chert	2473-1004
Mississippi Lime	2551-1082
Total Depth	2603-1134

SAMPLE DESCRIPTIONS

Conglomerate Sand 2440 (-971)
 2440' - 2446'
 Sandstone - light brown, clear, fine to coarse grain, calcareous, hard, faint odor, trace stain, no show free oil, poor porosity, trace fluorescence.

Mississippi 2473' (-1004)
 2473' - 2484'
 Chert - off white, opaque, mostly weathered, fair odor, scattered pin point and vugular porosity with light stain, show free oil with gas bubbles, with fluorescence. Covered by DST #1.

DST #1 2451' - 2484'
 Open tool 30 min. had 3/4 inch blow increasing to 4 1/2 inches in 30 min.
 Close tool 45 min. Open tool 45 min. had no blow increasing to 1 inch in 45 min. Close tool 60 min. Recovered 85° TF, 85° SLWCM (18% W, 82% M).
 IFP: 22 - 39# FFP: 40 - 58#
 ISIP: 755# FSIP: 743#
 HP: 1191 - 1183#
 Temp. 101 degrees Chlorides 21,000 ppm

2484' - 2508'
 Chert - white, opaque, faint odor, mostly weathered, scattered porosity with light stain, slight show free oil, few gas bubbles, scattered fluorescence. Covered by DST #2.

DST #2 2484' - 2500'
 Open tool 30 min. had 1/2 inch blow increasing to bottom of bucket in 14 min. 30 sec. Close tool 45 min. Open tool 45 min. had no blow increasing to bottom of bucket in 19 min. Close tool 60 min. Recovered 380° TF, 110° HMCW (69% W, 31% M), 270° SLMCW (92% W, 8% M).
 IFP: 17 - 112# FFP: 113 - 187#
 ISIP: 773# FSIP: 768#
 HP: 1191 - 1174#
 Temp. 100 degrees Chlorides 36,000 ppm

CONCLUSIONS

The well was not logged because the Douglas shale was swelling and bridging the well bore. Decision was made to set and cement casing to further evaluate the Mississippi.

