

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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HURRICANE SERVICES INC

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

Customer:
COEN ENERGY CORPORATION
11217 W 140th PLACE
OVERLAND PARK, KS 66221

Invoice Date: 2/18/2020
Invoice #: 0346578
Lease Name: Mecke
Well #: 5-2020 (New)
County: Lane, Ks
Job Number: ICT3282
District: East

Date/Description	HRS/QTY	Rate	Total
Longstring	0.000	0.000	0.00
Pump Truck #239	1.000	600.000	600.00
Heavy Eq Mileage	30.000	3.200	96.00
Ton Mileage-Minimum	1.000	240.000	240.00
Thixotropic	74.000	20.000	1,480.00
Bentonite Gel	200.000	0.240	48.00
Pheno Seal	37.000	1.400	51.80
Top rubber plug 2 7/8"	1.000	32.000	32.00

Total 2,547.80

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

Customer	Coen Energy Corporation	Lease & Well #	Mecke 6-2020	Date	2/18/2020
Service District	Garrett	County & State	LN, KS	Legal S/T/R	SE 17-23-22
Job Type	longstring	<input type="checkbox"/> PROD <input type="checkbox"/> INU <input type="checkbox"/> SWD	New Well?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> No	Job #
Equipment #					Ticket #

Equipment #	Driver	Job Safety Analysis - A Discussion of Hazards & Safety Procedures			
89	Casey Kennedy	<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Gloves	<input type="checkbox"/> Lockout/Tagout	<input type="checkbox"/> Warning Signs & Flagging
239	Garrett Scott	<input checked="" type="checkbox"/> H2S Monitor	<input checked="" type="checkbox"/> Eye Protection	<input type="checkbox"/> Required Permits	<input type="checkbox"/> Fall Protection
248	Alan Mader	<input checked="" type="checkbox"/> Safety Footwear	<input type="checkbox"/> Respiratory Protection	<input checked="" type="checkbox"/> Slip/Trip/Fall Hazards	<input type="checkbox"/> Specific Job Sequence/Expectations
		<input checked="" type="checkbox"/> FRC/Protective Clothing	<input type="checkbox"/> Additional Chemical/Acid PPE	<input 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					

Product/Service Code	Description	Unit of Measure	Quantity	List Price/Unit	Gross Amount	Item Discount	Net Amount
C010	Cement Pump	ea	1.00				\$600.00
M010	Heavy Equipment Mileage	mi	30.00				\$96.00
M025	Ton Mileage- Minimum	each	1.00				\$240.00
CP060	Thixotropic	sack	74.00				\$1,480.00
CP095	Bentonite Gel	lb	200.00				\$48.00
CP125	Pheno Seal	lb	37.00				\$51.80
FE025	2 7/8" Rubber Plug	ea	1.00				\$32.00

Customer Section: On the following scale how would you rate Hurricane Services Inc.?				Gross:		Net:	\$2,547.80
Based on this job, how likely is it you would recommend HSI to a colleague? <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Unlikely 1 2 3 4 5 6 7 8 9 10 Extremely Likely				Total Taxable	\$ -	Tax Rate:	
				Sale Tax:	\$ -	Total:	\$ 2,547.80
				HSI Representative: <i>Casey Kennedy</i>			

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.

X _____ **CUSTOMER AUTHORIZATION SIGNATURE**



WELL TREATMENT REPORT

Customer: **Coen Energy Corporation**
City, State: **Overland Park, KS**
Field Rep: **Dave Coen**

Well: **Mecke 5-2020**
County: **LN, KS**
Date: **SE 17-23-22**

Ticket: **ICT3282**
Date: **2/18/2020**
Services: **longstring**

Downhole Information

Hole Size: **5 7/8 in**
Hole Depth: **662 ft**
Casing Size: **2 7/8 in**
Casing Depth: **654 ft**
Tubing / Liner: **in**
Depth: **ft**
Tool / Packer:
Depth: **ft**
Displacement: **3.79 bbls**

Calculated Slurry

Weight: **13.5 # / sx**
Water Sk: **gal / sx**
Yield: **ft³ / sx**
Bbls / Ft:
Depth: **ft**
Annular Volume: **0 bbls**
Excess:
Total Slurry: **0.00 bbls**
Total Sacks: **#DIV/0! sx**

Product

Product	% / #	#
Class A	100%	6956
Poz		
Gel	4%	278
CaCl	2%	139
Gypsum	8%	556
Phenoseal	.5#	37
Kol Seal		
Flo Seal		
Salt (bwow)		

Total **7,966**

TIME	RATE	PSI	BBLs	REMARKS
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9:00 AM				held safety meeting
4.0				established circulation
4.0				mixed and pumped 200# Bentonite Gel followed by 5 bbls fresh water
4.0				mixed and pumped 74 sks Thixotropic cement w/ .5# Phenoseal per sk
4.0				cement to surface, flushed pump clean
1.0				pumped 2 7/8" rubber plug to casing TD w/ 3.79 bbls fresh water
				pressured to 800 PSI, released pressure to set float valve
4.0				washed up equipment

CREW

UNIT

SUMMARY

Cementer: **Casey Kennedy**
Pump Operator: **Garrett Scott**
Bulk: **Alan Mader**
H2O:

89

239

248

Average Rate	Average Pressure	Total Fluid
3.5 bpm	#DIV/0! psi	- bbls

McGOWN DRILLING, INC.

Mound City, KS
620.224.7406

Well #				Casing			
Mecke # 5-2020				Surface		Longstring	
Coen Energy Corporation				Size:	7.0 "	Size:	2 7/8 "
				Tally:	21.5 '	Tally:	654.65
API #:	15-107-25325	S-T-R:	17-23-22	Cement:	4 sx	Bit:	5.875 "
County:	Linn	Date:	2/14/2020	Bit:	9.875 "	Date:	2/17/2020
Top	Base	Formation		Top	Base	Formation	
0	2	Soil					
2	6	Lime					
6	9	Shale					
9	14	Lime					
14	20	Shale					
20	38	Lime					
38	41	Shale					
41	46	Lime					
46	49	Shale					
49	55	Lime					
55	60	Shale					
60	70	Lime					
70	235	Shale					
235	222	Lime					
253	321	Shale					
321	337	Lime					
337	344	Shale					
344	381	Lime					
381	390	Shale					
390	410	Lime					
410	420	Shale					
420	424	Lime					
424	523	Shale					
523	524	Lime					
524	608	Shale					
608	620	Sand	Good oil show	Sand / Core Detail			
620	625	Shale	White, muddy	Core #1:	Core #2:		
625	637	Shale		608	616	Soft sand, good bleed, good odor	
637	640	Sand	Slight odor, no bleed to pit	616	620	Good odor, less bleed to pit, oil got a little heavier	
640	662	Shale					
662		TD					
Total Depth:				662			

Surface casing setting
Depth 21 feet with
4 sacks cement