

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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# HUGHES DRILLING REPORT

J0 Co., Kansas  
 1850 FSL 1830 FEL  
 API # 15-091-24538

SURFACE CASING  
 Well No. 27-I Size 7"  
 Farm: Oravn Feet 31.80'  
 Circulated 10 sx cement

PERMANENT CSG.  
 Size 2 7/8" 8rd EVC  
 Feet 888.40  
Floor shoe on bottom  
 T. D. at Completion 919  
 Contractor HUGHES DRILLING CO.

OPERATOR Hughes Drilling  
# 5682

STRATA THICKNESS	FORMATION DRILLED	T.D.
2	Soil	2
25	clay	27
8	shale	35
21	lime	56
11	shale	67
10	lime	77
4	shale	81
24	lime	101
26	shale	127
23	lime	150
27	shale	177
11	lime	188
25	shale	213
8	lime	221
11	shale	232
9	lime	241
19	shale	260
6	lime	266
11	shale	277
4	lime	281
44	shale	325
30'	23 lime	348
9	shale	357
20'	22 lime	379
4	shale	383
3	lime	386
4	shale	390
Handho	7 lime	397
170	shale	567
6	lime	573
3	shale	576
2	lime	578
9	shale	587
7	lime	594
14	shale	608
3	lime	611
7	shale	618
9	lime	627
30	shale	657
1	lime	658
94	shale	752

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
11/14/22	0	2	Soil	
31	2	27	clay	
11/17/22	27	35	shale	
5 7/8 POC	35	56	lime	
	56	67	shale	
	67	77	lime	
	77	81	shale	
	81	101	lime	
	101	127	shale	
	127	150	lime	
	150	177	shale	
	177	188	lime	
	188	213	shale	
	213	221	lime	
	221	232	shale	
	232	241	lime	
	241	260	shale	
	260	266	lime	
	266	277	shale	
	277	281	lime	
	281	325	shale	
30'	325	348	lime	
	348	357	shale	
20'	357	379	lime	
	379	383	shale	
	383	386	lime	
	386	390	shale	

27.22.5.608.5

# HUGHES DRILLING REPORT

10 Co., Kansas 1471  
 1350 FSL 1530 FEL  
 API# 15-091.24538

SURFACE CASING

PERMANENT CSG.

Well No. 27-I Size.....  
 Farm: Bryan Feet.....  
 Circulated \_\_\_\_\_ sx cement

Size.....  
 Feet.....

OPERATOR Hughes Drilling  
 # 5652

T. D. at Completion 919'  
 Contractor HUGHES DRILLING CO.

STRATA THICKNESS	FORMATION DRILLED	T.D.
4	Lime	756
87	shale	843
9	Oil sand	852
67	shale	919
		TD

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
"Hertford"	390	397	Lime "Hertford"	28-22.5-629.0
	397	567	shale	29-22.5-651.5
	567	573	lime	30-22.5-674.7
	573	576	shale	31-22.5-696.5
	576	578	lime	32-22.5-719.0
	578	587	shale	33-22.5-741.5
605	587	594	lime	34-22.5-764.0
11/8/22	594	608	shale	35-22.5-786.5
	608	611	lime	36-22.5-809.0
	611	618	shale	37-22.5-831.5
	618	627	lime	38-22.5-851.0
	627	637	shale	39-22.5-876.5
	637	658	lime	40-22.5-899.0
	658	752	shale	
	752	756	lime	
	756	843	shale	
"Bartlesville"	843	852	oil sand	
	852	919	shale (lime break 902-903)	
			TD	
11/9/22 - got 884.40' of 2 7/8" 8nd EWE used 3 centralizers float shoe on bottom				





<b>Customer</b>	Hughes Drilling Co	<b>Lease &amp; Well #</b>	Braun 27-I	<b>Date</b>	11/8/2022
<b>Service District</b>	Garnett	<b>County &amp; State</b>	JO, KS	<b>Legals S/T/R</b>	36-14-21
<b>Job Type</b>	Longstring	<input type="checkbox"/> PROD	<input checked="" type="checkbox"/> INJ	<input type="checkbox"/> SWD	<b>New Well?</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> No
<b>Equipment #</b>	<b>Driver</b>	<b>Job Safety Analysis - A Discussion of Hazards &amp; Safety Procedures</b>			
931	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	Nick Beets	<input checked="" type="checkbox"/> H2S Monitor	<input checked="" type="checkbox"/> Eye Protection	<input type="checkbox"/> Required Permits	<input type="checkbox"/> Fall Protection
248	Devin Katzer	<input checked="" type="checkbox"/> Safety Footwear	<input type="checkbox"/> Respiratory Protection	<input checked="" type="checkbox"/> Slip/Trip/Fall Hazards	<input checked="" type="checkbox"/> Specific Job Sequence/Expectations
124	Keith Detwiler	<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 checked="" type="checkbox"/> Hearing Protection	<input checked="" type="checkbox"/> Fire Extinguisher	<input type="checkbox"/> Additional concerns or issues noted below	
<b>Comments</b>					

Product/ Service Code	Description	Unit of Measure	Quantity	Net Amount
C010	Cement Pump Service	ea	1.00	\$750.00
M010	Heavy Equipment Mileage	mi	46.00	\$184.00
M015	Light Equipment Mileage	mi	46.00	\$92.00
M025	Ton Mileage - Minimum	each	1.00	\$300.00
T010	Vacuum Truck - 80 bbl	hr	3.00	\$270.00
CP049	EconoBond	sack	103.00	\$2,060.00
CP095	Bentonite Gel	lb	200.00	\$80.00
FE025	2 7/8" Rubber Plug	ea	1.00	\$40.00
AF080	Fresh Water	gal	3,000.00	\$60.00

<b>Customer Section: On the following scale how would you rate Hurricane Services Inc.?</b>		<b>Net:</b>	\$3,836.00
		<b>Total Taxable</b>	\$ -
		<b>Tax Rate:</b>	
<b>Based on this job, how likely is it you would recommend HSI to a colleague?</b>		<b>Sale Tax:</b>	\$ -
<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"/>		<b>Total:</b>	\$ 3,836.00
Unlikely 1 2 3 4 5 6 7 8 9 10 Extremely Likely			
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**



**CEMENT TREATMENT REPORT**

<b>Customer:</b> Hughes Drilling Co	<b>Well:</b> Braun 27-I	<b>Ticket:</b> EP6548
<b>City, State:</b> Wellsville, KS	<b>County:</b> JO, KS	<b>Date:</b> 11/8/2022
<b>Field Rep:</b> Clay Hughes	<b>S-T-R:</b> 36-14-21	<b>Service:</b> Longstring

Downhole Information	
Hole Size:	5 7/8 in
Hole Depth:	919 ft
Casing Size:	2 7/8 in
Casing Depth:	888 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	5.14 bbls

Calculated Slurry - Lead	
Blend:	Econobond
Weight:	13.52 ppg
Water / Sx:	7.12 gal / sk
Yield:	1.56 ft <sup>3</sup> / sk
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	28.62 bbls
Total Sacks:	103 sks

Calculated Slurry - Tail	
Blend:	
Weight:	ppg
Water / Sx:	gal / sk
Yield:	ft <sup>3</sup> / sk
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	0 sks

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
3:30 PM			-	-	on location, held safety meeting
				-	
				-	waited for rig to finish running casing and move off location
				-	
4.0				-	established circulation
4.0				-	mixed and pumped 200# Bentonite Gel followed by 4 bbls fresh water
4.0				-	mixed and pumped 103 sks Econobond cement, cement to surface
4.0				-	flushed pump clean
1.0				-	pumped 2 7/8" rubber plug to casing TD with 5.14 bbls fresh water
1.0				-	pressured to 800 PSI, well held pressure for 30 minute MIT
				-	released pressure to set float valve
4.0				-	washed up equipment
				-	
5:00 PM				-	left location
				-	
				-	Hughes Drilling Co
				-	122 Main
				-	Wellsville, KS 66092
				-	Clay Hughes
				-	913-963-9127
				-	
				-	
				-	
				-	
				-	
				-	

CREW		UNIT	SUMMARY		
Cementer:	Casey Kennedy	931	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Nick Beets	239	3.1 bpm	- psi	- bbls
Bulk:	Devin Katzer	248			
H2O:	Keith Detwiler	124			