KOLAR Document ID: 1406830

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 # 5056
Name: F. G. Holl Company L.L.C.
Address 1: 9431 E CENTRAL STE 100
Address 2:
City: WICHITA State: KS Zip: 67206 + 2563
Contact Person: Franklin R. Greenbaum
Phone: (316) 684-8481
CONTRACTOR: License # 5929
Name: Duke Drilling Co., Inc.
Wellsite Geologist: Rene Hustead
Purchaser: CHS

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: F.G. Holl Company, LLC
Well Name: KUFELD 1-19
Original Comp. Date: 10/03/2014 Original Total Depth: 3770
☐ 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 #:

02/23/2018 — Spud Date or Recompletion Date
— Date Reached TD
03/12/2018 — Completion Date or Recompletion Date

API No.: 15-009-26023-00-03
Spot Description: 10' N. & 40' E. OF
- N2 - SW - SW Sec. 19 Twp. 19 S. R. 14 ☐ East ☑ West
1000 Feet from ☐ North / ☑ South Line of Section
700 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Barton
Lease Name: KUFELD "OWWO" Well #: 1-19
Field Name: Heizer Southwest
Producing Formation: None
Elevation: Ground: 1907 Kelly Bushing: 1915
Total Vertical Depth: 3770 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 850 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: 04/23/2018
☐ **Confidential Release Date:** 04/22/2020
☐ **Wireline Log Received** ☐ **Drill Stem Tests Received**
☐ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** Karen Ritter **Date:** 04/24/2018

Operator Name: F. G. Holl Company L.L.C. Lease Name: KUFELD "OWWO" Well #: 1-19

Sec. 19 Twp. 19 S. R. 14 ☐ East ☑ West County: Barton

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 *(Attach Additional Sheets)*	☐ Yes	☑ No	☐ Log
Samples Sent to Geological Survey	☐ Yes	☑ No	
Cores Taken	☐ Yes	☑ No	
Electric Log Run	☐ Yes	☑ No	
Geologist Report / Mud Logs	☐ Yes	☑ No	

List All E. Logs Run:

Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
NONE	NONE	NONE

CASING RECORD ☑ New ☐ 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
Surface	12.25	8.625	28	850	A-Con & Common	400	0
Production	7.875	5.50	14	3766	AA-2 & Scavenger	150	0

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	3550-3560	60/40 Poz	25	
	-			

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: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:	
		Top	Bottom
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	3163	3573

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*
Attached	Attached	Attached	Attached	Attached	Attached

TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	F. G. Holl Company L.L.C.
Well Name	KUFELD "OWWO" 1-19
Doc ID	1406830

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugType	BridgePlugSetAt	Material Record
4	3163	3167			Perf toronto @ 3163'-3167' then treat w/ 500 gal 15% mud acid
					1000 gal 15% nefe acid
					Treat Arbuckle perfs at 3550' - 3560' w/ 150 ga 15% nefe acid
2	3570	3573			Squeeze Arbuckle perfs @ 3550'-3560'. Treat 3570'- 3573' perfs w/ 100 gal 15% nefe acid
					Treat Arbuckle perfs at 3570' - 3573' w/ 150 gal 15% nefe acid
					Retreat perfs w/ 350 gal 15% nefe acid
4	3546	3550			250 gal 15% acid

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Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugType	BridgePlugSetAt	Material Record
					Treat LKC "D" perfs @ 3271'-3281' w/ 500 gal 15% dsfe acid

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Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	28	850	A-Con & Common	400	0
Production	7.875	5.50	14	3766	AA-2 & Scavenger	150	0

T7MF14C

BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 16504 A

DATE TICKET NO.

DATE OF JOB	DISTRICT	NEW WELL ☐ OLD WELL ☑ PROD ☐ INJ ☐ WDW	☐ CUSTOMER ORDER NO.:
CUSTOMER		LEASE Kufeld	1-19 WELL NO.
ADDRESS		COUNTY	STATE
CITY	STATE	SERVICE CREW	
AUTHORIZED BY		JOB TYPE:	241

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS

	DATE	AM PM	TIME
TRUCK CALLED		AM PM	
ARRIVED AT JOB		AM PM	
START OPERATION		AM PM	
FINISH OPERATION		AM PM	
RELEASED		AM PM	
MILES FROM STATION TO WELL			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED:
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT

CHEMICAL / ACID DATA:			

SUB TOTAL		
SERVICE & EQUIPMENT	%TAX ON $	
MATERIALS	%TAX ON $	
TOTAL		

SERVICE REPRESENTATIVE	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

CLOUD LITHO - Abilene, TX

BASIC energy services, L.P.

TREATMENT REPORT

Customer	Lease No.	Date
		3/1/18
Lease	**Well #**	

Field Order #	Station	Casing	Depth	County	State

Type Job	Formation	Legal Description

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative	Station Manager	Treater

Service Units											
Driver Names											

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:30					
2:45				5	
2:50			8	4	
9:00				7	
9:05		1700	5	1.5	
9:15			4	4	
9:30				2.0	
9:43			5	1.5	
9:49			5	2	
9:50				2	
9:52			3.6	2	
9:57			1.3	2	
10:50			0	2	
10:59			1.6	0	
11:15				1.5	
11:30			5.6	1.5	
11:35		2500	30.3	0	
11:55					
12:20					
12:30				2	
1:10			40	0	
1:30					