KOLAR Document ID: 1528916

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 # 5135
Name: Farmer, John O., Inc.
Address 1: 370 W WICHITA AVE
Address 2: PO BOX 352
City: RUSSELL State: KS Zip: 67665 + 0352
Contact Person: Marge Schulte
Phone: (785) 483-3145
CONTRACTOR: License # 5135
Name: Farmer, John O., Inc.
Wellsite Geologist: NA
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: Dreiling Oil, Inc.
Well Name: Dreiling F
Original Comp. Date: 11/28/1958 Original Total Depth: 3660
☐ 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 #:

08/28/2018 Spud Date or Recompletion Date
Date Reached TD
08/31/2018 Completion Date or Recompletion Date

API No.: 15-051-04752-00-01
Spot Description: NW NE SE
__ - NW - NE - SE Sec. 3 Twp. 12 S. R. 16 ☐ East ☑ West
2334 Feet from ☐ North / ☑ South Line of Section
1084 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: Ellis
Lease Name: DREILING F Well #: 2
Field Name: Blue Hill
Producing Formation: Arbuckle
Elevation: Ground: 1770 Kelly Bushing: 1765
Total Vertical Depth: 3660 Plug Back Total Depth: 3636
Amount of Surface Pipe Set and Cemented at: 670 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:** Karen Ritter **Date:** 09/06/2020

Operator Name: Farmer, John O., Inc. Lease Name: DREILING F Well #: 2

Sec. 3 Twp. 12 S. R. 16 ☐ East ☑ West County: Ellis

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 ☐ Yes ☑ No
(Attach Additional Sheets)

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:

☐ Log Formation (Top), Depth and Datum ☑ Sample

Name	Top	Datum
Arbuckle	3298	(-1528)

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	23	670	NA	375	NA
Liner	12.25	4.5	0	2926	SMD	100	NA
Production	15.5	5.50	15.5	3339	NA	125	NA

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	-			
	-			

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)*	3339	3636

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)*

TUBING RECORD:	Size:	Set At:	Packer At:
	2.375	2917	2917

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

Form	ACO1 - Well Completion
Operator	Farmer, John O., Inc.
Well Name	DREILING F 2
Doc ID	1528916

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	23	670	NA	375	NA
Liner	12.25	4.5	0	2926	SMD	100	NA
Production	15.5	5.50	15.5	3339	NA	125	NA

Dreiling Oil
Dreiling F #2 SWD-Inj
Ellis Co

12-12—17
Pulled tubing and tested casing. Found good pipe above 1440. Tested tubing One bad jt'

12-13-17
Ran Sand pump found TD at 3660 Heavy fluid. Ran 9 jts of 2 7/8 fiber glass and redressed PK. Hunted holes Hole between 2400 and 2460. Swung Pk at 2927.

12-14-17
Rigged up Swift and pumped 7 bbls An-Gaurd spoted over hole Set PK ar 2927 in tension.

12-15-17 Pressured up, had to work to get to hold at 290# Pat Stabb passed for 3 months. Set well to taking water.

2 7/8 fiber glass tubing	9 jts	270	3197
5 1.2 AD-1 seall-tight PK		2.50	2927
2 3/8 seal-tight	105 jts	2925	

8-28-18
Rigged up Express Released Pk did not dump fluid. Dug pit. Pulled tubing swabbing fluid and an-gaurd into pit. Came out of hole w/ no fiber glass tubing. Ran 2 3/8 spear. Did not feel any thing until 3318 Came out of hole and set Compost Bridge plug at 2927. Moved in work string and 2957' of 4 ½ welded liner. SD

8-29-18
Ran 46 jts of 4 ½ liner set at 2926' Welded into 5 ½ SD

8-30-18
Rigged up Swift and cemented liner w/ 50 sxs SMD at 11.5 # and 50 sxs @ 14# cement. Good cir at all times. Cir 40 sxs cement to pit. KCC rep Ray Dinkel. SD

8-30-18
Rigged up Golden B and drilled out liner and plug. Lost Cir wekk taking fluid at 2.5 BPM. Pulled out tubing and bit.

8-31-18
Ran 4 ½ Packer and 104 jts and 2 10' subs. Set Pk at 2917. Loaded w/ treated fresh water. Pressured to 340# Paset MIN. Rigged down

SWIFT Services, Inc.

CHARGE TO: Dreiling Oil
ADDRESS
CITY, STATE, ZIP CODE

TICKET [illegible]

PAGE 1 OF 1

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. Hess C.L. 165	#2	Dreiling "F"	Ellis	KS	Victoria	8-30-18	Same
2.	TICKET TYPE ☒ SERVICE ☐ SALES	CONTRACTOR Express Well Service	RIG NAME/NO.	SHIPPED VIA CT	DELIVERED TO Location	ORDER NO.	
3.	WELL TYPE XXX SWD	WELL CATEGORY Workover	JOB PURPOSE Cement 4½" Liner		WELL PERMIT NO.	WELL LOCATION Blue Hill Sched. 16, Twp 12	
4.							
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC	ACCT	DF	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
575		1			MILEAGE Trk #112			25	mi	5 00	125 00
578		1			Pump Charge - Deep Squeeze			1	job	1300 00	1300 00
330		1			SMD Cement			75	sks	16 25	1218 75
290		1			D-Air			1	gal	42 00	42 00
410		1			Top Plug	4½	in	1	ea	75 00	75 00
418		1			4½ Wild-Ox Flush Joint Float Shoe	4½	in	1	ea	300 00	300 00
581		1			Service Charge Cement			100	sks	1 75	175 00
582		1			Minimum Drayage Charge			1	ea	250 00	250 00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY,** and **LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.

X

DATE SIGNED | TIME SIGNED ☐ A.M. ☐ P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

SURVEY	AGREE	UNDECIDED	DISAGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			

ARE YOU SATISFIED WITH OUR SERVICE? ☐ YES ☐ NO
☐ CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	3485 75
TAX	0
TOTAL	3485 75

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR | APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 8-30-18

TICKET NO. 317

CUSTOMER Darling Oil | WELL NO. #2 | LEASE Darling "F" | JOB TYPE 4½ Liner

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	0830							on location 4½" 5½"
								4½" - 2926'
	0845	4	0	✓			0	Load liner
		4	46½		✓		0	Loaded
	0855	2	3		✓		400	Injection Rate
	0900	2	28		✓		500	mix 50 sks SMD @ 11.2 ppg
		2	7		✓		200	mix 25 sks SMD @ 14 ppg
								wash out Pump & Lines
								Release Top Plug
	0920	2	0		✓		0	Start Displacement
		2	10		✓		600	Load
		2	28		✓		1200	circulate Cement to surface - *30 sks
	0935	0	46.5		✓		1500	Land Top Plug
								Release Pressure *Float Held*
								wash up truck
	1010							Job Complete
								Thank You
								Dave Rankin Caldron