KOLAR Document ID: 1416277

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 #	API No.:					
Name:	Spot Description:					
Address 1:						
Address 2:	Feet from North / South Line of Section					
City: State: Zip:+	Feet from					
Contact Person:	Footages Calculated from Nearest Outside Section Corner:					
Phone: ()	□NE □NW □SE □SW					
CONTRACTOR: License #	GPS Location: Lat:, Long:					
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxxx)					
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84					
Purchaser:	County:					
Designate Type of Completion:	Lease Name: Well #:					
New Well Re-Entry Workover	Field Name:					
	Producing Formation:					
☐ Oil ☐ WSW ☐ SWD	Elevation: Ground: Kelly Bushing:					
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:					
☐ OG ☐ GSW ☐ CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet					
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No					
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet					
Operator:	If Alternate II completion, cement circulated from:					
Well Name:	feet depth to:w/sx cmt.					
Original Comp. Date: Original Total Depth:	<u>'</u>					
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan					
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)					
	Chloride content: ppm Fluid volume: bbls					
Commingled Permit #:	Dewatering method used:					
☐ Dual Completion         Permit #:           ☐ SWD         Permit #:						
SWD         Permit #:           EOR         Permit #:	Location of fluid disposal if hauled offsite:					
GSW Permit #:	Operator Name:					
	Lease Name: License #:					
Caud Data on Data Dasahad TD Overslation Data	Quarter Sec TwpS. R					
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	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 Approved by: Date:					

KOLAR Document ID: 1416277

#### Page Two

Operator Name:					Lease Nam	ne:			Well #:	
Sec Tw	pS. F	R [	East	West	County:					
open and closed and flow rates if	, flowing and sh gas to surface t ty Log, Final Lo	nut-in pressurest, along wit	es, whe h final c ain Geo	ther shut-in pre hart(s). Attach physical Data a	essure reached extra sheet if r and Final Electr	station more : ric Loc	level, hydrosta space is needed	tic pressures, d.	bottom hole tempe	val tested, time tool erature, fluid recovery,  Digital electronic log
Drill Stem Tests (Attach Addit			Ye	es No		Lo	og Formatio	n (Top), Deptl	n and Datum	Sample
Samples Sent to	Geological Sur	vey	Ye	es 🗌 No		Name	)		Тор	Datum
Cores Taken Electric Log Run Geologist Repor List All E. Logs F	t / Mud Logs		Y€  Y€	es No						
			Repo		RECORD [	Nev	w Used rmediate, producti	on. etc.		
Purpose of St		ze Hole Orilled	Siz	e Casing (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	OF MENTING /					
Purpose:	[	Depth	Typo	of Cement	# Sacks Use		EEZE RECORD	Typo a	nd Percent Additives	
Perforate Protect Ca Plug Back	Top	Bottom	туре	or cement	# Sacks Use	,u		туре а	ia Percent Additives	
Plug Off Z										
Did you perform     Does the volum     Was the hydraul	e of the total base	fluid of the hyd	draulic fra	cturing treatmen		•	Yes ns? Yes	No (If No	, skip questions 2 an , skip question 3) , fill out Page Three o	,
Date of first Produ	ction/Injection or	Resumed Produ	uction/	Producing Meth			Coolift 0	thor (Fundain)		
Estimated Produc	otion	Oil Bb	le.	Flowing Gas	Pumping	Wate		ther <i>(Explain)</i> bls.	Gas-Oil Ratio	Gravity
Per 24 Hours		Oli Bb	15.	Gas	IVICI	vvale	ı Di	JIS.	Gas-Oil Hallo	Gravity
DISPO	OSITION OF GAS	S:		N	METHOD OF CO	MPLE.	TION:		PRODUCTIO	N INTERVAL:
Vented	Sold Use	d on Lease		Open Hole		Dually		nmingled	Тор	Bottom
(If vente	ed, Submit ACO-18	.)			(5	SUDITIIL I	ACO-5) (Subi	mit ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom	on	Bridge Plug Type	Bridge Plug Set At		Acid,		Cementing Squeeze Kind of Material Used)	Record
TUBING RECOR	D: Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Taos Resources Operating Company LLC
Well Name	LFJ 6
Doc ID	1416277

### Tops

Name	Тор	Datum
ТОРЕКА	1206	75
LATON LM	1907	-627
LAYTON SAND	2365	-1085
KC LIME	2529	-1249
CHEROKEE	2870	-1590
CHAT	3106	-1826
MISS-LIME	3120	-1840
KINDERHOOK SHALE	3499	-2219
WOODFORD SHALE	3532	-2252

Form	ACO1 - Well Completion
Operator	Taos Resources Operating Company LLC
Well Name	LFJ 6
Doc ID	1416277

### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement	Type and Percent Additives
Surface	12.25	8.025	24	205	CLASS A	3%gel,2% cc
Production	7.875	5.5	15.5	3555	CLASS A	3%gel,2% cc



#### REMIT TO

QES Pressure Pumping LLC Dept:970 P.O.Box 4346 Houston,TX 77210-4346 MAIN OFFICE

P.O.Box884 Chanute, KS 66720 620/431-9210,1-800/467-8676 Fax 620/431-0012

Invoice# 813628

Invoice Date: 07/17/18

Terms:

Page

2

TAOS RESOURCES OPERATING, LLC

10700 North Freeway, Suite 930 Houston TX 77037

USA

7139930774

LFJ #6

Net 30

Part No	Description	Quantity	Unit Price Di	======== scount(%)	Total
CE1130	Specialized Iron Requirements or Rig Up	1.000	100.0000	35.000	65.00
			s	ubtotal	13,019.50
			Discounted A	Amount	4,556.83
		•	SubTotal After Di	iscount	8,462.67

Amount Due 13,567.74 If paid after 08/16/18

Tax:

356.36

Total:

8,819.05



WELL ID/AFE #	1750879
CODE	830.130
N OR R	APPROVAL



PRESSURE PUMPING LLC

KEMII IU

| MAIN OFFICE

P.O.Box884 Chanute,KS 66720 620/431-9210,1-800/467-8676 Fax 620/431-0012

QES Pressure Pumping LLC Dept:970 P.O.Box 4346 Houston,TX 77210-4346

Invoice Invoice# 813628

TAOS RESOURCES OPERATING, LLC

10700 North Freeway, Suite 930 Houston TX 77037 USA

7139930774

LFJ#6

			=========	=======================================	
Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0452	Cement Pump Charge 3001' - 4000'	1.000	2,300.0000	35.000	1,495.00
CE0002	Equipment Mileage Charge - Heavy Equipment	50.000	7.1500	35.000	232.38
CE0710	Cement Delivery Charge	530.000	1.7500	35.000	602.88
WE0853	80 BBL Vacuum Truck (Cement Services)	9.000	100.0000	35.000	585.00
WC6159	City Water	3,000.000	0.0200	35.000	39.00
CC5800A	Class A Cement - Sack	225.000	20.0000	35.000	2,925.00
CC5325	Calcium Chloride	450.000	1.2500	35.000	365.63
CC5965	Bentonite	650,000	0,3000_	35.000	126.75
CC6079	PhenoSeal Formica Flakes	200,000	1.3500	35.000	175.50
CC6077	Kolseal	1,150.000	0.5000	35,000	373.75
CP8485	5 1/2" Float Shoe, AFU	1.000	585.0000	35.000	380.25
CP8254	5 1/2" Latch Down Plug & Assembly	1.000	400.0000	35.000	260.00
CP8651	5 1/2" Cement Basket Reciprocating	2.000	360.0000	35,000	468.00
CP8554	5 1/2" Centralizer	7.000	81.0000	35.000	368.55



TICKET NUMBER\_ LOCATION EL DO 160, KS FOREMAN FUZZY

02	Box 884,	<i>E PUMPING LLC</i> Chanute, KS 6672 0 or 800-467-8676	4U		. TREATMENT RE CEMENT	PORT	Noke#8	136	28
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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

REMIT TO

QES Pressure Pumping LLC Dept:970 P.O.Box 4346 Houston, TX 77210-4346

MAIN OFFICE

P.O.Box884 Chanute,KS 66720 620/431-9210,1-800/467-8676 Fax 620/431-0012

Invoice#

813567

Invoice Date:

Invoice

\_\_\_\_\_\_\_ 07/09/18

Terms:

Net 30

Page

1

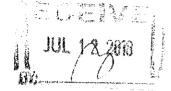
TAOS RESOURCES OPERATING, LLC

10700 North Freeway, Suite 930

Houston TX 77037

USA

7139930774



LFJ#6

	=======================================	=======================================			=== <b>==</b> =======
Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0450	Cement Pump Charge 0 - 1500'	1.000	1,500.0000	35.000	975.00
CE0002	Equipment Mileage Charge - Heavy Equipment	50.000	7.1500	35.000	232.38
CE0711	Minimum Cement Delivery Charge	1.000	660.0000	35.000	429.00
CC5800A	Class A Cement - Sack	195.000	20.0000	35.000	2,535.00
CC5325	Calcium Chloride	550.000	1.2500	35.000	446.88
CC5965	Bentonite	350.000	0.3000	35.000	68.25
CC6075	Celloflake	100.000	2.0000	35.000	130.00
				Subtotal	7,410.00
			Discounte	d Amount	2,593.50

Amount Due 7,728.01 If paid after 08/08/18

Tax:

206.71

4,816.50

Total:

SubTotal After Discount

5,023.22

WELL ID/AFE# CODE M HO W **APPROVAL** 



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

11060

TICKET NUMBER 54550 LOCATION Elder polo 145

FIELD TICKET & TREATMENT REPORT CEMENT

Invoic #813567

DATE	CUSTOMER#	WELL NAME & NUM	<b>J</b> BER	SECTION	TOWNSHIP	RANGE	1	OUNTY
7-6-18	2871	LF3 #6		34	32.	S	Ca	سارور
CUSTOMER		· · · · · · · · · · · · · · · · · · ·			Y***多类是多类。		誠生	<b>建设工人</b> 。
Taos Ales	ourses ape	EAting Co. LZC		TRUCK#	DRIVER	TRUCK#	4	PRIVER
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) III		STATE ZIP CODE		611	JAKE		<b> </b>	<u> </u>
Housto	7 7	TX 7725					<u>                                     </u>	
JOB TYPE Suc		HOLE SIZE 12/4	HOLE DEP	TH 212	CASING SIZE & V	NEIGHT STE		<u> </u>
CASING DEPTH_		DRILL PIPE	TUBING		<del></del>	OTHER		ļ
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REMARKS: Ja	fely med	ing hooked up	to 85/6				-EK	
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ACCOUNT CODE	QUANITY	or UNITS C	ESCRIPTION	of SERVICES or PR	ODUCT	UNIT PRICE		TOTAL
CEO450		PUMP CHAR	(GE		•	500.00	150	000
CECCO2	50	MILEAGE			•	7,15	وځ 🏻	750
CEOSII +	1	min	bulk do	clisery		660.00	60	60.00
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					·-	IUIAL	11000	1
AUTHORIZTION_	////h	1 ///////	TITLE			DATE	<b>\</b>	

account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

7/31/18 12:48
7/31/18 19:15
Kansas
Cowley
15-035-24685-0000
LFJ 6
No
No
-96.878193
37.228917
NAD27
3,388'
669,937



(e.g. XX-XXX-XXXXX-0000)

Taos Resources

Additive	Specific Gravity
WATER	1.00
Sand	2.65
Plexslick 986C	1.11
Plexslick 986C	1.11
Plexslick 986C	1.11
Plexsurf 580 ME	0.95

## Ingredients Section:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredien Concentration in Additive (% by mass)**	
Water	Operator	Carrier/Base Fluid	Water	7732-18-5	100.00%	
Sand	Superior Silica Sand	Proppant	Crystalline Silica in the form of quartz	14808-60-7	100.00%	
Plexslick 986C	Chemplex	Friction Reducer	Petroleum Distilate	64742-47-8	20.00%	
Plexslick 986C	Chemplex	Friction Reducer	Oleic Acid Diethanolamide	12125-02-9	1.00%	
Plexslick 986C	Chemplex	Friction Reducer	Ammonium Chloride	93-83-4	1.00%	
Plexsurf 580 ME	Chemplex	Surfactant	Ethylene glycol monobutyl ether	111-76-2	40.00%	
Plexsurf 580 ME	Chemplex	Surfactant	Methanol	67-56-1	10.00%	
Plexsurf 580 ME	Chemplex	Surfactant	Oleamide Dielhanolamide	61790-66-7	1.00%	
Plexsurf 580 ME	Chemplex	Surfactant	D-limonene	5989-27-5	1.00%	
Plexsurf 580 ME	Chemplex	Surfactant	Diathanolamone	111-42-2	1.00%	

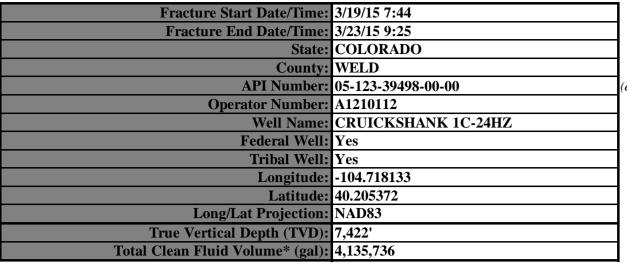
•		

<sup>\*</sup>Total Water Volume sources may include fresh water, produced water, and/or recycled water
\*\* Information is based on the maximum potential for concentration and thus the total may be over 100%
All component information

Additive Quantity	Mass (lbs)	
669,937	5,590,624	g
175,100	175,100	ll
468	4,335	g
468	4,335	g
468	4,335	g
168	1,332	g
		g
		g
		g
		g
		g
		g
		g
		g
		g
	Total Slurry Mass (Lbs)	

5,785,389

Mass per Component (LBS)	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments	Claimant Company	Claimant First Name	Claimant Last Name	Claimant Email	Claimant Phone (nnn-nnn-nnnn)
5,590,624	96.63351%						
175,100	3.02659%						
867	0.01499%						
43	0.00075%						
43	0.00075%						
533	0.00921%						
133	0.00230%						
13	0.00023%						
13	0.00023%						
13	0.00023%						





Total Slurry Mass (Lbs) 37,455,995

Ingredients Section	n:												
Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive	Mass per Component (LBS)	Maximum Ingredient Concentration in HF Fluid	Comments	Claimant Company	Claimant First Name	Claimant Last Name	Claimant Email	Claimant Phone
				Number (CAS #)	(% by mass)**	Component (LBS)	(% by mass)**		Company	First Name	Last Ivaille	Dillali	(nnn-nnn-nnnn)
Water	Company 1	Carrier/Base Fluid	Water	7732-18-5	100.00%	34,512,715	92.00000%						
WHITE OTTAWA/ST.		PROPPING AGENT	7,4402	Listed Below	100.0070	0.,012,710	>210000070						
7.5% HCL	CALFRAC	ACID		Listed Below									
DAP-925	CALFRAC	ACID INHIBITOR		Listed Below									
DWP-621	CALFRAC	FRICTION REDUCER		Listed Below									
DWP-944	CALFRAC	BIOCIDE		Listed Below									
DWP-962	CALFRAC	BIOCIDE		Listed Below									
			CRYSTALLINE SILICA	14808-60-7	100.00%	1,002,500	2.67647%						
			CRYSTALLINE SILICA IN THE FORM OF QUA	ART 14808-60-7	99.90%	1,001,498	2.67380%						
			HYDROCHLORIC ACID	7647-01-0	37.00%	50,020	0.13354%						
			WATER	7732-18-5	63.00%	85,169	0.22738%						
			FATTY ACIDS	Proprietary	30.00%	75	0.00020%						
			METHANOL	67-56-1	60.00%	151	0.00040%						
			OLEFIN	Proprietary	5.00%	13	0.00003%		TDeB Company	Therese	DeBenedette	tree.hand@gmail.com	720-938-6622
			POLYOXYALKENES	Proprietary	30.00%	75	0.00020%		TDeB Company	Therese	DeBenedette	tree.hand@gmail.com	720-938-6622
			PROPARGYL ALCOHOL	107-19-7	10.00%	25	0.00007%						
			NO HAZARDOUS INGREDIENTS	Not Assigned	100.00%	25,411	0.06784%		TDeB Company	Therese	DeBenedette	tree.hand@gmail.com	720-938-6622
			2,2-DIBROMO-3-NITRILOPROPIONAMIDE	10222-01-2	20.00%	2,152	0.00575%						
			TETRAKIS(HYDROXYMETHYL)PHOSPHONI		75.00%	13,963	0.03728%						
			Ingred Other	Not Assigned				Non-MSDS Component	TDeB Company	Therese	DeBenedette	tree.hand@gmail.com	720-938-6622
			Ingred Other2	Not Assigned				Non-MSDS Component	TDeB Company	Therese	DeBenedette	tree.hand@gmail.com	720-938-6622
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\*Total Water Volume sources may include fresh water, produced water, and/or recycled water

\*\* Information is based on the maximum potential for concentration and thus the total may be over 100%

All component information