KOLAR Document ID: 1582464

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 # 3180
Name: Deutsch, Kent A. dba Deutsch Oil Company
Address 1: 8100 E 22ND ST N, BLDG 600
Address 2:
City: WICHITA State: KS Zip: 67226 + 2307
Contact Person: Kent Deutsch
Phone: (316) 681-3567
CONTRACTOR: License # 5123
Name: Pickrell Drilling Company, Inc.
Wellsite Geologist: Kent Deutsch
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 #:

02/19/2021 Spud Date or Recompletion Date
02/27/2021 Date Reached TD
04/14/2021 Completion Date or Recompletion Date

API No.: 15-151-22526-00-00
Spot Description: NW-SW-SW
__ - NW - SW - SW Sec. 8 Twp. 27 S. R. 12 ☐ East ☑ West
990 Feet from ☐ North / ☑ South Line of Section
330 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: Pratt
Lease Name: DIETZ Well #: 2-8
Field Name:
Producing Formation: Mississippi
Elevation: Ground: 1874 Kelly Bushing: 1881
Total Vertical Depth: 4460 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 217 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: 70000 ppm Fluid volume: 65 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Paul's Oilfield Service
Lease Name: Beckerdite 2 License #: 31085
Quarter SW Sec. 21 Twp. 24 S. R. 13 ☐ East ☑ West
County: Stafford Permit #: D26547.0

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:** 07/15/2021

Operator Name: Deutsch, Kent A. dba Deutsch Oil Company Lease Name: DIETZ Well #: 2-8

Sec. 8 Twp. 27 S. R. 12 ☐ East ☑ West County: Pratt

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
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:
Attached

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

Name	Top	Datum
heebner	3525	1644
lansing	3724	1843
mississippi	4261	2280
viola	4306	2425

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	14.75	10.75	40.5	217	6-/4- poz	240	2% cc. .24 cellflake
Production	7.875	5.5	1.5	4455	H-Long Mix	175	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	-			
	-			

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: 04/15/2021

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	50		50		

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☑ Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION: ☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*

PRODUCTION INTERVAL:

Top	Bottom
4163	4217

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)*
2	4399	4403	CIBP Cast Iron Bridge Plug	4320	500 gal. MCA
1	4163	4217			100 gal. 10% NEFE acid. Fracture treat with 180,00# sand,8,619 barrel slick water.

TUBING RECORD: Size: 2.875 Set At: 4142 Packer At:

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

Form	ACO1 - Well Completion
Operator	Deutsch, Kent A. dba Deutsch Oil Company
Well Name	DIETZ 2-8
Doc ID	1582464

All Electric Logs Run

Dual Induction
Density/Neutron
Micro
Frac Finder

Form	ACO1 - Well Completion
Operator	Deutsch, Kent A. dba Deutsch Oil Company
Well Name	DIETZ 2-8
Doc ID	1582464

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	14.75	10.75	40.5	217	6-/4- poz	240	2% cc. .24 cellflake
Production	7.875	5.5	1.5	4455	H-Long Mix	175	0

GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY	Deutsch Oil Company
LEASE	Dietz #2-8
FIELD	
LOCATION	NW-SW-SW
SEC	8 TWP 27S RGE 12W
COUNTY	Pratt STATE Kansas
CONTRACTOR	Pickrell Drlg. Rig #10
SPUD	02-19-2021 COMP
RTD	4460 Ft. LTD 4461 Ft.
MUD UP	3350 Ft. TYPE MUD Chemical

ELEVATIONS: KB 1881 Ft. DF — GL 1874 Ft. Measurements Are All From ___

CASING: SURFACE 10 3/4 @ 212 Ft. PRODUCTION 5 1/2

ELECTRICAL SURVEYS: Dual Ind., Neutron/Density, Micro, Frac. Finder

SAMPLES SAVED FROM 3400 Ft. TO T.D
DRILLING TIME KEPT FROM 3400 Ft. TO T.D
SAMPLES EXAMINED FROM 3400 Ft. TO T.D
GEOLOGICAL SUPERVISION FROM 3400 Ft. TO T.D
GEOLOGIST ON WELL Ken Deutsch

FORMATION TOPS	LOG	SAMPLES
Heebner	3525-1644	3523-1642
Brn Lime	3707-1826	3707-1826
Lansing	3724-1843	3728-1847
Base K.C.	4071-2190	4070-2189
Mississippi	4161-2280	4160-2279
Viola	4306-2425	4304-2423
Simp. SH	4370-2489	4368-2487
Simp. SD	4394-2513	4396-2515
T.D.	4461	4460

API# 15-151-22526-00-00

REMARKS: The Dietz #2-8 well encounter several shows of oil and gas in various zones, along with E-Log calculations. It is recommended that production casing be set to further evaluate this well.
Respectfully submitted,

LEGEND: Anhydrite, Salt, Sandstone, Shale, Carb sh, Limestone, Ool.Lime, Chert, Dolomite

DRILLING TIME IN MINUTES PER FOOT — Rate of Penetration Decreases (5" 10" 15" 20" 25") | DEPTH | LITHOLOGY | SAMPLE DESCRIPTIONS | OIL SHOWS | REMARKS

DEPTH / TOPS	SAMPLE DESCRIPTIONS
3400	SH: Gry
	LS: Tan to Brn Fn Xln Foss
	LS: Tan Fn Xln Fair Sol of N.S.
50	A.A.
	LS: Tan Fn Xln Chky N.S.
	LS: Tan Fn Xln Chky Fair Sol of N.S.
3500	
Heebner SH 3523-1642	SH: Blk Carb
	SH: Gry to Blk
	LS: Tan Fn Xln Foss Fair Vug of N.S.
50	SH: Gry Grn Silty
	A.A.
3600	A.A.
	SS: Wh to Gry Fn to Med Grn, Poor of Silty N.S.
50	SH: Gry Grn Silty
	A.A.
3700	
Brown Lime 3707-1826	LS: Brn Fn Xln Poor of Dns N.S.
Lansing 3728-1847	SH: Gry
	LS: Tan Fn Xln Foss Poor of N.S.
50	
	LS: Tan Fn Xln Foss Chky SL Staining No Free Oil
	SH: Gry
	LS: Tan Fn Xln Foss Fair to Gd Vug of N.S.
3800	LS: Tan Fn Xln Foss Dns Poor of N.S.
	SH: Gry
	LS: Tan Fn Xln Foss Chky Fair to Gd of N.S.
50	SH: Gry
	LS: Tan Fn Xln Foss Gd Sol of Chky N.S.
	SH: Gry
3900	LS: Tan Fn Xln Fair of Chky N.S.
	SH: Gry
	LS: Tan Fn Xln Foss Gd Vug of SL Chky N.S.
50	SH: Gry
	LS: Tan Fn Xln Foss Poor of N.S.
	SH: Gry
	LS: Tan Fn Xln Foss Poor of Dns N.S.
4000	LS: Tan Fn Xln Foss Poor of N.S.
	SH: Gry
	LS: Tan Fn Xln Fair Vug Foss. N.S.
	SH: Gry
50	LS: Tan Fn Xln Foss SL Stn. No Odor
	LS: Tan Fn Xln Foss Dns N.S.
Base K.C. 4070-2189	SH: Gry Blk
4100	LS: Tan Fn Xln Foss Poor of N.S.
	SH: Gry
	LS: Tan Fn Xln Chky Fair Vug of SL Show Oil
50	SH: Gry
Mississippi 4160-2279	Chert: Wh to Gry Mostly Weathered Good Show Gas Bubbles & Oil Gd. Flor. Gd. Odor Gd Vug
	Chert: Wh to Gry Weathered to Fresh Gd Vug of Gd Show Gas & Oil Gd Flor. Gd. Odor
4200	Chert: Wh to Gry Weathered to Fresh. Increase in Fresh Chert. Gd of Gd Show Oil & Gas. Gd Odor Gd. Flor
Base Chert	SH: Gry
	LS: Gry to Buff Foss Dns w/Some Chert N.S.
50	SH: Gry
	Chert: Wh Fresh Blk Staining Dead Asphaltic Stn.
	LS: Buff to Brn Fn Xln Foss Dns Poor of N.S.
4300	LS: Brn Poor of Dns N.S.
Viola 4304-2423	Chert: Wh to Op. Fresh Chert Dark Blk Staining SL Trace Oil. No Odor
50	LS: Buff Chery Dns Poor of N.S.
Simpson SH 4368-2487	SH: Gry Grn
	Dol: Tan Fn Xln Sl to Fair Show. Staining Faint Odor. No Flor
Simpson SD 4396-2515	SS: Translucent to Buff Fn to Med Grn. Fair to Gd Intergran of Show Free Oil Fair Odor. Poor Flor.
CFS 4400 Ft.	A.A. w/ Decreasing Show
4400	
Bit Trip @ 4410 Ft.	SH: Gry Grn
50	SH: Gry Grn
CFS RTD 4460 Ft. / T.D. 4460 Ft.	
4500	
50	
4600	

DRILLING TIME Minutes/Foot — Rate of Penetration Decreases | DEPTH | LITHOLOGY | SAMPLE DESCRIPTIONS | OIL SHOWS | REMARKS

CONTRACTOR Pickrell Drlg. Rig #10
LEASE Dietz #2-8 IP ___
ELEVATION 1881 Ft. K.B. RTD 4460 Ft.
LOCATION NW-SW-SW
SEC 8 TWP 27S RNG 12W
COUNTY Pratt STATE Kansas

MENT TREATMENT REPORT

Customer:	DEUTSCH OIL COMPANY	Well:	DIETZ 2-8	Ticket:	WP1161
City, State:		County:	PRATT, KS	Date:	2/19/2021
Field Rep:	DOUG	S-T-R:	8-27S-12W	Service:	10 3/4" SURFACE

Downhole Information		
Hole Size:	14 3/4 in	
Hole Depth:	217 ft	
Casing Size:	10 3/4 in	32.75#
Casing Depth:	207 ft	
Tubing / Liner:	in	
CEMENT DEPTH:	187 ft	
Tool / Packer:		
Tool Depth:	ft	
Displacement:	19.0 bbls	

Calculated Slurry - Lead	
Blend:	60/40/2 POZMIX
Weight:	14.8 ppg
Water / Sx:	5.2 gal / sx
Yield:	1.21 ft^3 / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	51.7 bbls
Total Sacks:	240 sx

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

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
8:00PM			-	-	ON LOCATION- SPOT TRUCKS
11:45PM				-	RUN 5 JTS 10 3/4" PIPE
1:30AM				-	CASING ON BOTTOM
1:35AM				-	HOOK UP TO CASING- BREAK CIRCULATION WITH RIG
1:45AM	5.0	150.0	5.0	5.0	H2o AHEAD
1:46AM	5.0	100.0	51.7	56.7	MIX 240 SKS 60/40/2 POZMIX @ 14.8 PPG
1:56AM	5.0	-	-	56.7	START DISPLACEMENT
1:58AM	4.0	150.0	15.0	71.7	SLOW RATE
2:00am	3.0	150.0	19.0	90.7	CEMENT @ DESIRED DEPTH - CLOSE IN VALVE
				90.7	CIRCULATION THRU JOB
				90.7	CIRCULATED 5 BBL TO PIT
					WASH UP PUMP TRUCK
					JOB COMPLETE,
					THANKS - KEVEN AND CREW

CREW		UNIT
Cementer:	LESLEY	75
Pump Operator:	McLAOMORE	176-521
Bulk #1:	MARTINEZ	527-533
Bulk #2:		

SUMMARY		
Average Rate	Average Pressure	Total Fluid
4.4 bpm	110 psi	91 bbls

ftv: 15-2021/01/25
mplv: 105-2021/01/27

CEMENT TREATMENT REPORT

Customer:	DEUTSCH OIL COMPANY	**Well:**	DIETZ 2-8	**Ticket:**	WP 1181
City, State:		**County:**	PRATT,KS	**Date:**	2/27/2021
Field Rep:	DAVE PAULY	**S-T-R:**	8-27S-12W	**Service:**	5 1/2" LS

Downhole Information

Hole Size:	7 7/8 in	
Hole Depth:	4460 ft	
Casing Size:	5 1/2 in	15.5#
Casing Depth:	4466 ft	
Tubing / Liner:	in	
PLUG Depth:	4444 ft	
Tool / Packer:		
Tool Depth:	ft	
Displacement:	106.0 bbls	

Calculated Slurry - Lead

Blend:	SCAVENGER
Weight:	13.0 ppg
Water / Sx:	gal / sx
Yield:	1.47 ft^3 / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	7.0 bbls
Total Sacks:	25 sx

Calculated Slurry - Tail

Blend:	H-LONG
Weight:	15 ppg
Water / Sx:	6.0 gal / sx
Yield:	1.42 ft^3 / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	44.3 bbls
Total Sacks:	175 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
3:30PM			-	-	ON LOCATION- SPOT EQUIPMENT
8:00PM				-	RUN 5 1/2" X 15.5# CASING
				-	TURBOLIZERS- 1,3,5,6,8,10,12
				-	BASKET- 6
10:00PM				-	CASING ON BOTTOM
10:11PM				-	BREAK CIRCULATION WITH RIG PUMP
11:15PM	3.0	-	7.0	7.0	PLUG RATHOLE WITH 30 SKS H PLUG
11:20PM				7.0	SWITCH BACK OVER TO HEAD AND MANIFOLD
11:25PM	6.0	300.0	7.0	14.0	MIX 25 SKS SCAVENGER CMT @ 13 PPG
11:27PM	6.0	250.0	44.3	58.3	MIX 175 SKS H-LONG CMT @ 15 PPG
11:34PM	6.0			58.3	SHIUT DOWN - CLEAR PUMP AND LINES
11:40PM	6.0	-	-	-	START DISPLACEMENT W 2% KCL H2o
12:02AM	5.0	200.0	76.0		LIFT PRESSURE
12:07AM	4.0	800.0	95.0		SLOW RATE
12:10AM	3.0	1,500.0	106.0		PLUG DOWN - HELD
					JOB COMPLETE,
					THANKS- KEVEN AND CREW

CREW		UNIT
Cementer:	LESLEY	75
Pump Operator:	OSBORN	179-522
Bulk #1:	MARTINEZ	527-533
Bulk #2:		

SUMMARY

Average Rate	Average Pressure	Total Fluid
4.9 bpm	436 psi	335 bbls

ftv: 15-2021/01/25
mplv: 105-2021/01/27

Fracture Start Date/Time:	4/6/21 10:46
Fracture End Date/Time:	4/6/21 13:39
State:	Kansas
County:	Pratt
API Number:	
Operator Number:	
Well Name:	Deitz 2-8
Federal Well:	No
Tribal Well:	No
Longitude:	
Latitude:	
Long/Lat Projection:	NAD83
True Vertical Depth (TVD):	
Total Clean Fluid Volume* (gal):	358,777

FracFocus Chemical Disclosure Registry

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

3.0

Additive	Specific Gravity	Additive Quantity	Mass (lbs)	
Water	1.00	358,777	2,991,994	gal
30/50 Premium Sand		124,000	124,000	lb
16/30 Northern White Sand		44,000	44,000	lb
16/30 Garnet Resin Sand		12,000	12,000	lb
FRA-1 Friction Reducer (Anionic)	1.06	113	1,000	gal
LB-1 Liquid Biocide	0.93	94	776	gal
W-11 NE/Surfactant	0.95	94	743	gal
KCL-LC Liquid KCl Substitute	1.08	378	3,180	gal
LBC-1 SP-480	0.93	94	730	gal
PB-1 FR Breaker	1.03	87	498	gal
				gal
				gal
				gal
				gal
				gal
				gal
				gal
				gal
				gal
			Total Slurry Mass (Lbs): 3,181,963	

Ingredients Section:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	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)
Water	Deutsch Oil Company	Carrier/Base Fluid	Water	7732-18-5	100.00%	2,991,994	94.01921%						
30/50 Premium Sand	SPS	Propping Agent	Crystalline Silica	14808-60-7	100.00%	124,000	3.89897%						
16/30 Northern White Sand	SPS	Propping Agent	Crystalline Silica	14808-60-7	100.00%	44,000	1.38378%						
16/30 Garnet Resin Sand	SPS	Propping Agent	Crystalline Silica	14808-60-7	99.00%	11,880	0.37349%						
			Polyurethane Resin (Nuisance Dust)	57029-46-6	2.00%	240	0.00754%						
FRA-1 Friction Reducer (An	Champion Chemical	Friction Reducer	Distillates (Petroleum), Hydrotreated light	64742-47-8	30.00%	300	0.00943%						
			Citric Acid	77-92-9	5.00%	50	0.00157%						
			Alcohols, C10-16, Ethoxylated	68002-97-1	5.00%	50	0.00157%						
			Alcohols, C12-14, Ethoxylated	68439-50-9	5.00%	50	0.00157%						
			Alcohols, C12-16, Ethoxylated	68551-12-2	5.00%	50	0.00157%						
			Water	7732-18-5	50.00%	500	0.01571%						
LB-1 Liquid Biocide	Innospec Oilfield Services	Biocide	Glutaraldehyde	111-30-8	20.00%	160	0.00459%						
			Didecyldimethyl ammonium chloride	7173-51-5	3.00%	32	0.00092%						
			Alkyl (C12-16) dimethylbenzyl ammonium chloride	68424-85-1	3.00%	32	0.00092%						
			Mixture	Not Assigned	74.00%	740	0.01607%		Innospec Oilfield Services	Bryce	Hoisington	khinfo@innospecinc.com	713-936-1340
W-11 NE/Surfactant	Strategy Oilfield	NE/Surfactant	Methanol	67-56-1	15.00%	111	0.00350%						
			Polyoxyethylene Nonyl Phenyl Ether	127087-87-0	20.00%	148	0.00467%						
			Supplier Proprietary Mixture	Proprietary	65.00%	481	0.01518%		Strategy Oilfield	Greg	Ferguson	gferguson@strategyoilfields	940-736-0352
KCL-LC Liquid KCl Substitu	Strategy Oilfield	Liquid KCl Substitute	Choline Chloride	67-48-1	75.00%	2,835	0.07938%						
			Water	7732-18-5	25.00%	945	0.02650%						
LBC-1 SP-480	Strategy Oilfield	H2S Scale Inhibitor	Corrosion Inhibitor	Proprietary	70.00%	511	0.01605%		Strategy Oilfield	Greg	Ferguson	gferguson@strategyoilfields	940-736-0352
			Methanol	67-56-1	30.00%	219	0.00688%						
PB-1 FR Breaker	EES	Polymer Breaker	Sodium chlorite	7758-19-2	10.00%	49	0.00154%						
			Water	7732-18-5	90.00%	441	0.01385%						

*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