KOLAR Document ID: 1577720

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:	SecTwpS. R East West
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from _ East / _ West Line of Section
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.xxxxx)
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 ☐ Gas ☐ DH ☐ EOR	Elevation: Ground: Kelly Bushing:
	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
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:	
☐ 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 #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
	Quarter Sec TwpS. R
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	County: Permit #:
Troompeton bate	Ι ΟΠΙΙΚ π

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: 1577720

Page Two

Operator Name:					Lease Nam	ne:			Well #:	
Sec Tw	pS	S. R	Eas	t West	County:					
	l, flowing an	d shut-in press	sures, wh	ether shut-in pre	ssure reached	static	level, hydrostat	ic pressures, bo		val tested, time tool erature, fluid recovery,
Final Radioactivi files must be sub							gs must be emai	led to kcc-well-l	ogs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests (Attach Addit	Taken tional Sheets)			Yes No		☐ Lo		n (Top), Depth a		Sample
Samples Sent to	Geological	Survey		Yes No		Name			Тор	Datum
Cores Taken Electric Log Run Geologist Report List All E. Logs F	t / Mud Logs	S		Yes No Yes No Yes No						
			Rep	CASING	RECORD [New		on, etc.		
Purpose of St	tring	Size Hole Drilled		ize Casing et (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	CEMENTING /	SQUE	EEZE RECORD		<u>'</u>	
Purpose: Perforate		Depth Top Bottom	Тур	e of Cement	# Sacks Use	ed	Type and Percent Additives			
Protect Ca										
Plug Off Z										
Did you perform Does the volume Was the hydraul	e of the total I	base fluid of the	hydraulic f	racturing treatment		-	Yes S? Yes Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three	
Date of first Produ Injection:	iction/Injection	n or Resumed Pr	roduction/	Producing Meth	od:		Gas Lift O	ther <i>(Explain)</i>		
Estimated Product Per 24 Hours		Oil	Bbls.		Mcf	Water			Gas-Oil Ratio	Gravity
DISPO	OSITION OF	GAS:		N	METHOD OF CO	MPLET	ΓΙΟΝ:			ON INTERVAL:
Vented (//		Used on Lease		Open Hole		Dually (Submit A		nmingled	Тор	Bottom
,	ed, Submit AC							·		
Shots Per Foot	Perforation Top	on Perfor Bott		Bridge Plug Type	Bridge Plug Set At		Acid,		ementing Squeeze and of Material Used)	
TUBING RECORI	D: S	ize:	Set At	:	Packer At:					

Form	ACO1 - Well Completion		
Operator	BEREXCO LLC		
Well Name	FKS UNIT 1-18		
Doc ID	1577720		

All Electric Logs Run

Dual compensated porosity
Dual induction
Microlog
Borehole compensated sonic

Form	ACO1 - Well Completion		
Operator	BEREXCO LLC		
Well Name	FKS UNIT 1-18		
Doc ID	1577720		

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Surface	12.25	8.625	20	432	Class C	2% CC, 1/4# flakes



TICKET NUMBER_	12	5	\mathbb{S}	K	<u> </u>
LOCATION HUR	oten				
FOREMAN TE CO	_				

FIELD TICKET & TREATMENT REPORT

DATE	u OLIOTOLISS (T		CEMEN	7			<u>Kav</u>
C 11 2 1	CUSTOMER#		L NAME & NUMBE		SECTION	TOWNSHIP	RANGE	COUNT
5-14-21 CUSTOMER		FKJ U	nit # 1-	18	18	215	35 W	Kear
					TRUCK#	DRIVER	TRUCK#	DRIVE
Berexc MAILING ADDRE	C S	<u> </u>			803/820	Jason	THOCK #	DRIVE
					801/821			
CITY		STATE	ZIP CODE	-	001/821	Francisco	 	
							 	
OB TYPE Sur.	face H	IOLE SIZE /	2/4	1 HOLE DEPTH	4351	CASING SIZE &	WEIGHT 85	1 2 20#
ASING DEPTH	425' p	RILL PIPE		TURING		_ ONOING GIZE &	OTHER	20
- URRY WEIGH?	425' D	LURRY VOI	TOIS BRI	WATER gal/sk	6.2	CEMENTIEET	CASING 40	1
SPLACEMENT	24,97 D ed Truck, eal, Prop	ISPLACEMEN	IT PSI / Sa	MIX POL //	<u> </u>	BATE 4	TOASING 70	<u> </u>
-MARKS: Spa	of Touck	RIOL	Bra B	WILK I'SI JU	111 2	RAIE		29 C (
+ fles	eal Done	10/3	0/00 25	3. PDI	Ω	1. / 11 /	Jarr C,	11
Pis down	<u> </u>	1 25/	DVIP 20	179 DDL	- Plas o	iont La	na, sha	7/1
	The story of that country with make the	~		·	And the second of the second o			~
	The state of the s							
ACCOUNT	QUANTITY o	r UNITS	DES	SCRIPTION of	SERVICES or PRO		UNIT PRICE	TOTAL
CODE								TOTAL
			PUMP CHARGE	=			1,150.00	1150
	50	7	MILEAGE		·····		7.15	357
	77,/	7M	Lenen	t_We1	ivery x	50	1,75	1233,
	127 /	5 ks	Lass				17.00	5280,
	564 1	b5	Calciu	1	loride		1.00	564,
			(100	entral	izers		110.00	
	1		1 X 3/_ K	1 7 1			L	220,
				*	Plate		162,00	162.
					Plate		L	162.
					Plate Plug		162,00	162.
					Plate		162,00	162.
					Plate		162,00	162.
					Plate		162,00	162.
					Plate		162,00	162.
					Plate		162,00	162.
					Plate		162,00	162.
					Plate		162,00	162.
					Plate		/62, c°	162.
					Plate		162,00	9/32,
					Plate		/62, c°	162.

I acknowledge that the payments 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.



HP Oilfield Services, LLC

383 Inverness Parkway, Suite 330 Englewood, CO. 80112



JUN 0 2 2021



Date	Invoice #
5/14/2021	15868

Bill To

Berexco
101 East 3rd
Tranton NE

Trenton, NE 69044

Lease	
FKS Unit #1-18	

90h

Ore	der by / P	Terms			
			Net 30		
s / Qty	U/M	Rate	Amount		

					1101 30
Description	Unit	Hrs / Qty	U/M	Rate	Amount
Cement Service for FKS Unit # 1-18 Field Ticket #: 1255 K-C Description: Please see Attached Field Ticket		SS OF A MATERIAL SECTION			
Pump Charge for Cement Pumptruck Mileage Charge Mileage Delivery of Bulk Material - 50 x 14.1 = 705 x 1.75 = 1233.75	CMT-103 CMT-103 CMT-103	1 50 705	ea ea ea	1 2 2 2	357.50
Class C Cement	CMT	300	SKS	17.60	5,280.00T
Calcium Chloride Baffle Plate - 8 5/8"	CMT CMT	564 1	lb ea	1.00 162.00	1
Centralizers - 8 5/8" x 12 1/4"	CMT	2	ea	110.00	220.00Т
Top Wooden Plug - 8 5/8" (4/Box)	СМТ	1	ea	165.00	165.00T
Discount - Non-Taxable Items Discount - Taxable Items Subtotal prior to Sales Taxes Sales Tax	CMT CMT	1 1	ea ea	-1,096.50 -2,556.40 6.50%	-1,096.50 -2,556.40T 5,479.35 249.25
N	At .	1			

Thank you for your business.

RECEIVED

Total

\$5,728.60

MAY 25 2021

ter

TRENTON



HP Oilfield Services, LLC 383 Inverness Parkway, Suite 330





me	Ce	nvoice
	Date	Invoice #
	5/24/2021	16061

JUN 0 9 2021

Bill To		
Berexco	8:	
101 East 3rd		
Trenton, NE 69044		

Lease	
FKS Unit # 1-18	

			Ord	ler by / P.	O. No.	Terms
Description	Heli					Net 30
	Unit	Hrs	/ Qty	U/M	Rate	Amount
Cement Service for FKS Unit # 1-18 Field Ticket #: 1\(\)83 K-C						
Description: Please see Attached Field						-
Ticket		8.				
Pump Charge for Co.						
Pump Charge for Cement Pumptruck Mileage Charge	CMT-103		1	ea	1,500.00	1,500.00
Mileage Delivery of Bulk Material - 50 x	CMT-103		50	ea	7.15	357.50
$11.61 = 580.50 \times 1.75 = 1015.88$	CMT-103		580.5	ea	1.75	1,015.88
Liteweight Blend V		;-				
Weldril Pol-E-Flake	CMT		270	SKS	16.00	4,320.00T
Total Total Time	CMT		68	lb	3.00	204.00T
Wooden Plug - 8 5/8"	CMT		1	ea	165.00	165 000
Discount N. III.	7 : : : : : : : : : : : : : : : : : : :			Ca	105.00	165.00T
Discount - Non-Taxable Items Discount - Taxable Items	CMT		1	ea	-1,005.68	-1,005.68
Subtotal prior to Sales Taxes	CMT		1	ea	-1,641.15	-1,641.15T
Sales Tax	CA III					4,915.55
	CMT				6.50%	198.11
		Λ				
	101				DEC	EIVED
* 1	1 4	1			, ,	
	٧	, ,			JUNIO	1 2021
Thank you for your business					TRE	NTON

Thank you for your business.

Total

\$5,113.66

785-953-0222

TICKET NUMBER LOCATION FOREMAN

> ESTIMATED TOTAL

FIELD TICKET & TREATMENT REPORT

	DATE	1 0110=2			CEMEN	IT			
2		CUSTOMER#	-	LL NAME & NUMB		SECTION	TOWNSHIP		
CUST	24-21 OMER)21	I FK.	5 Unit #	1-18	18		RANGE	COUNTY
10001	1			and the state of t	Lakin	10	215	3.50	Keare
MAILI	NG ADDE	Orex CD	LLC		north to	TRUCK #	DRIVER	TDUCK	
	TO ADDI	1500			Rel 340	103	10	TRUCK #	DRIVER
CITY						801-351	Cory D)	
			STATE	ZIP CODE	2345	001 001	Jesson F		
JOB TY	PE	PTA H	The second secon		n, Si		Ramon		
CASING	DEDTU	H	OLE SIZE	778	HOLE DEPTH		CASING SIZE 8	1	
SLUDD	MEIO	D	RILL PIPE	the state of the s	LOBING				
DISDLA	OFFICE	л_ <i>[3,5</i> s	LURRY VOL		WATER gal/sk		CEMENT	OTHER	1 42
DEMAG	CEMENT	Ed val	SPLACEMEN	TPSI	MIX PSI		CEMENT LEFT in	CASING	BPM
REMAR	KS: 5	ately Moe	time, 1	10 115 04	Dukat	FII DI	RAIE	4	
	<i>P</i> = 0	-1	<u> </u>	.9 -1	V/ 10 1643	7, Plug	' 95 Ord	ored	
	50_;	Sks 0 140	10'						
	50 5	iks 2 107	00'						
		160 53	0'						
		160 476	ウ´						
		160 60'	W/ Plu	7<					
	30 5	CS IM R.H.		7					
				e,	11 1	V			
40001					I hank	100			
ACCOL COD	E	QUANTITY or	UNITS	DESC	CRIPTION of ST	+ Crow			
		1		1		RVICES or PROD	UCT	UNIT PRICE	TOTAL
		- L		PUMP CHARGE				1 - 00	1 25
		50		MILEAGE				1,500 00	1,500 00
		11:61		Ton Mil	ecro De	2/11/22		715	357 50
					0	- Louis		1.75	015,88
		2	70-513		JA BL	0.10		730	
			DT 4	110 Sec 1				16.00	132000
		1		85/ W	pollon	D1 -		3 00	20400
		and the same of th			DORUM	Flug		16500	16500
								7	,58238
						Less_	35% Dusc	- 13	641 83
								4	015-53
								1/1	tited -
		4-3			-			N 50 51	
- 1		110	М		No. of Street,	The same the same of the base of the same	S/	ALES TAX	1

cknowledge that the payments terms, unless specifically amended in writing on the front of the form or in the customer's account cords, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

01



Operation:

Test Complete

SEC: 18 TWN: 21S RNG: 35W

County: KEARNY State: Kansas

Drilling Contractor: Duke Drilling

Company, Inc - Rig 4 Elevation: 3171 EGL Field Name: Wildcat Pool: WILDCAT Job Number: 483

API #: 15-093-21985-00-00

DATE May

202021

Formation: Pawnee

Test Interval: 4577 -

Total Depth: 4600'

4600'

Time On: 12:00 05/20

Time Off: 23:15 05/20

Time On Bottom: 15:00 05/20 Time Off Bottom: 19:30 05/20

Electronic Volume Estimate:

546'

1st Open Minutes: 30 Current Reading: 14.3" at 30 min

DST #1

Max Reading: 14.3"

1st Close Minutes: 60 Current Reading: 0" at 60 min

Max Reading: 0"

<u>2nd Open</u> Minutes: 60 Current Reading:

21.7" at 60 min

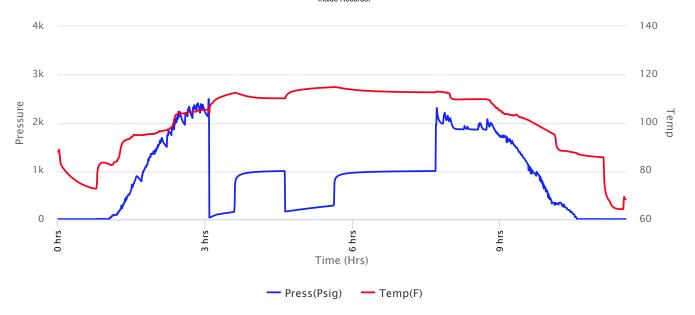
Max Reading: 21.7"

2nd Close Minutes: 120 Current Reading:

0" at 120 min

Max Reading: 0"







Company: Berexco, LLC

Lease: FKS Unit #1-18

Operation: **Test Complete** SEC: 18 TWN: 21S RNG: 35W

County: KEARNY State: Kansas

Drilling Contractor: Duke Drilling

Company, Inc - Rig 4 Elevation: 3171 EGL Field Name: Wildcat Pool: WILDCAT Job Number: 483

API #: 15-093-21985-00-00

DATE May 20 2021

DST #1 Formation: Pawnee Test Interval: 4577 -Total Depth: 4600'

4600'

Time On: 12:00 05/20 Time Off: 23:15 05/20

Time On Bottom: 15:00 05/20 Time Off Bottom: 19:30 05/20

Recovered

<u>Foot</u>	<u>BBLS</u>	Description of Fluid	<u>Gas %</u>	<u>Oil %</u>	Water %	Mud %
113	1.60799	WCM	0	0	20	80
126	1.79298	SLMCW	0	0	88	12
369	3.6394952	SLMCW	0	0	97	3

Total Recovered: 608 ft

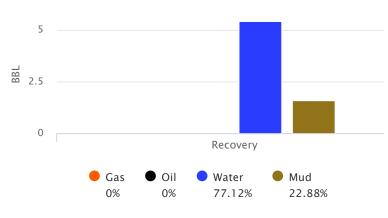
Total Barrels Recovered: 7.0404652

Close / Final Close

Reversed Out
NO

Initial Hydrostatic Pressure	2218	PSI
Initial Flow	49 to 153	PSI
Initial Closed in Pressure	1001	PSI
Final Flow Pressure	167 to 281	PSI
Final Closed in Pressure	1002	PSI
Final Hydrostatic Pressure	2061	PSI
Temperature	115	°F
Pressure Change Initial	0.0	%

Recovery at a glance



GIP cubic foot volume: 0



Company: Berexco, LLC

Lease: FKS Unit #1-18

Operation: **Test Complete** SEC: 18 TWN: 21S RNG: 35W

County: KEARNY State: Kansas

Drilling Contractor: Duke Drilling

Company, Inc - Rig 4 Elevation: 3171 EGL Field Name: Wildcat Pool: WILDCAT Job Number: 483

API #: 15-093-21985-00-00

DATE

May 20 2021 Formation: Pawnee

Test Interval: 4577 -4600'

Total Depth: 4600'

Time On: 12:00 05/20

Time Off: 23:15 05/20

Time On Bottom: 15:00 05/20 Time Off Bottom: 19:30 05/20

BUCKET MEASUREMENT:

1st Open: Blow built to BoB in 19 min 54 sec.

1st Close: No Return Blow.

2nd Open: Surface Blow started at 2 min. Built to BoB in 29 min. 43 sec.

DST #1

2nd Close: No Return Blow

REMARKS:

Tool Sample: 0% Gas 0% Oil 90% Water 10% Mud

Ph: 7

Measured RW: .13 @ 65 degrees °F

RW at Formation Temp: 0.077 @ 115 °F

Chlorides: 65000 ppm



SEC: 18 TWN: 21S RNG: 35W

County: KEARNY State: Kansas

Drilling Contractor: Duke Drilling

Company, Inc - Rig 4 Elevation: 3171 EGL Field Name: Wildcat Pool: WILDCAT Job Number: 483

API #: 15-093-21985-00-00

May **20** 2021

Operation:

Test Complete

DST #1 Formation: Pawnee Test Interval: 4577 - Total Depth: 4600'

4600'

Time On: 12:00 05/20 Time Off: 23:15 05/20

Time On Bottom: 15:00 05/20 Time Off Bottom: 19:30 05/20

Down Hole Makeup

Heads Up: 31.03 FT **Packer 1:** 4572 FT

Drill Pipe: 4402.38 FT **Packer 2:** 4577 FT

ID-3 1/2

Top Recorder: 4561.42 FT

Weight Pipe: 0 FT

ID-2 7/8

Bottom Recorder: 4598 FT

Collars: 173.08 FT Well Bore Size: 7 7/8

ID-2 1/4 Surface Choke: 1"

Test Tool: 33.57 FT Bottom Choke: 5/8"

ID-3 1/2-FH

Jars

Safety Joint

Total Anchor: 23

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 19 FT

4 1/2-FH

Change Over: 0 FT

Drill Pipe: (in anchor): 0 FT

ID-3 1/2

Change Over: 0 FT

Perforations: (below): 3 FT

4 1/2-FH



DST #1

Operation:
Test Complete

SEC: 18 TWN: 21S RNG: 35W

County: KEARNY State: Kansas

Drilling Contractor: Duke Drilling

Company, Inc - Rig 4 Elevation: 3171 EGL Field Name: Wildcat Pool: WILDCAT Job Number: 483

API #: 15-093-21985-00-00

DATE

May **20** 2021 Formation: Pawnee

Test Interval: 4577 -

Total Depth: 4600'

4600'

Time On: 12:00 05/20 Time Off: 23:15 05/20

Time On Bottom: 15:00 05/20 Time Off Bottom: 19:30 05/20

Mud Properties

Mud Type: Chem. Weight: 9.3 Viscosity: 82 Filtrate: 12 Chlorides: 9100 ppm



Operation:

Test Complete

Company: Berexco, LLC Lease: FKS Unit #1-18

Lease: FK5 Unit

SEC: 18 TWN: 21S RNG: 35W

County: KEARNY State: Kansas

Drilling Contractor: Duke Drilling

Company, Inc - Rig 4 Elevation: 3171 EGL Field Name: Wildcat Pool: WILDCAT Job Number: 483

API #: 15-093-21985-00-00

Total Depth: 4600'

DATEMay **20**2021

DST #1 Formation: Pawnee Test Interval: 4577 -

4600'

Time On: 12:00 05/20 Time Off: 23:15 05/20

Time On Bottom: 15:00 05/20 Time Off Bottom: 19:30 05/20

Gas Volume Report

1st Open				
Time	Orifice	PSI	MCF/D	

2nd Open				
Time	Orifice	PSI	MCF/D	



SEC: 18 TWN: 21S RNG: 35W County: KEARNY

State: Kansas

Drilling Contractor: Duke Drilling

Company, Inc - Rig 4 Elevation: 3171 EGL Field Name: Wildcat Pool: WILDCAT Job Number: 483

API #: 15-093-21985-00-00

Operation: Uploading recovery & pressures

> **DATE** May 21

DST #2 Formation: FT Scott Test Interval: 4612 -Total Depth: 4640' 4640'

Time On: 11:42 05/21 Time Off: 20:57 05/21

Time On Bottom: 13:48 05/21 Time Off Bottom: 18:18 05/21

Electronic Volume Estimate: 154'

2021

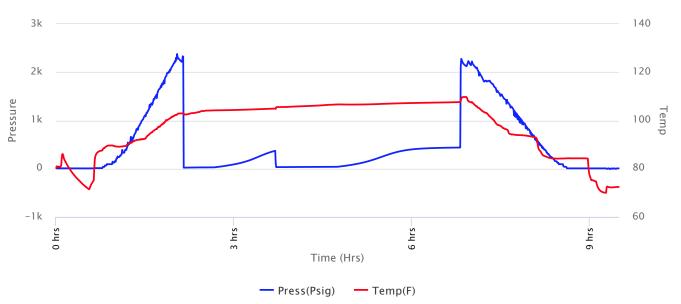
1st Open Minutes: 30 **Current Reading:** .6" at 30 min Max Reading: .6"

1st Close Minutes: 60 **Current Reading:** 0" at 60 min Max Reading: 0"

2nd Open Minutes: 60 **Current Reading:** 3.7" at 60 min Max Reading: 3.7"

2nd Close Minutes: 120 **Current Reading:** 0" at 120 min Max Reading: 0"

Inside Recorder





Company: Berexco, LLC

Lease: FKS Unit #1-18

Operation: Uploading recovery & pressures

SEC: 18 TWN: 21S RNG: 35W

County: KEARNY State: Kansas

Drilling Contractor: Duke Drilling

Company, Inc - Rig 4 Elevation: 3171 EGL Field Name: Wildcat Pool: WILDCAT Job Number: 483

API #: 15-093-21985-00-00

DATE May 21 2021

Total Depth: 4640' **DST #2** Formation: FT Scott Test Interval: 4612 -

4640'

Time On: 11:42 05/21 Time Off: 20:57 05/21

Time On Bottom: 13:48 05/21 Time Off Bottom: 18:18 05/21

Recovered

Mud % **Foot BBLS Description of Fluid** Gas % Oil % Water % 50 0.246 0 85 SLOCM 15 0

Total Recovered: 50 ft

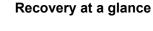
Total Barrels Recovered: 0.246

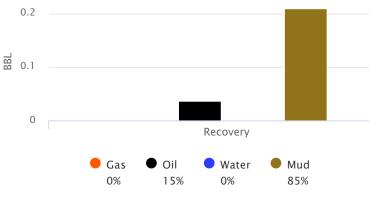
Close / Final Close

Reversed Out
NO

Initial Hydrostatic Pressure	2235	PSI
Initial Flow	22 to 27	PSI
Initial Closed in Pressure	371	PSI
Final Flow Pressure	33 to 39	PSI
Final Closed in Pressure	438	PSI
Final Hydrostatic Pressure	2222	PSI
Temperature	108	°F
Pressure Change Initial	0.0	%

GIP cubic foot volume: 0







Operation:
Uploading recovery &
pressures

SEC: 18 TWN: 21S RNG: 35W

County: KEARNY State: Kansas

Drilling Contractor: Duke Drilling

Company, Inc - Rig 4 Elevation: 3171 EGL Field Name: Wildcat Pool: WILDCAT Job Number: 483

API #: 15-093-21985-00-00

DATEMay **21**2021

DST #2 Formation: FT Scott Test Interval: 4612 - Total Depth: 4640'

4040

Time On: 11:42 05/21 Time Off: 20:57 05/21

Time On Bottom: 13:48 05/21 Time Off Bottom: 18:18 05/21

BUCKET MEASUREMENT:

1st Open: Weak Surface Blow built to 1/2" Over 30 min.

1st Close: No Return Blow.

2nd Open: 1/4" Blow built to 3 3/4" over 60 minutes.

2nd Close: No Return Blow

REMARKS:

Tool Sample: 0% Gas 10% Oil 2% Water 88% Mud



SEC: 18 TWN: 21S RNG: 35W County: KEARNY

State: Kansas

Drilling Contractor: Duke Drilling

Company, Inc - Rig 4 Elevation: 3171 EGL Field Name: Wildcat Pool: WILDCAT Job Number: 483

API #: 15-093-21985-00-00

Total Depth: 4640'

Uploading recovery & pressures **DATE**

May

21

2021

Operation:

DST #2 Formation: FT Scott

Test Interval: 4612 -4640'

Time On: 11:42 05/21 Time Off: 20:57 05/21

Time On Bottom: 13:48 05/21 Time Off Bottom: 18:18 05/21

Down Hole Makeup

Heads Up: 27.53 FT Packer 1: 4607 FT

Drill Pipe: 4433.88 FT Packer 2: 4612 FT

ID-3 1/2

Top Recorder: 4596.42 FT

Weight Pipe: 0 FT **Bottom Recorder:** 4638 FT

ID-2 7/8 Well Bore Size: 7 7/8

Collars: 173.08 FT **Surface Choke:** 1" ID-2 1/4

Bottom Choke: 5/8"

Test Tool: 33.57 FT

ID-3 1/2-FH Jars

Safety Joint

Total Anchor: 28

Anchor Makeup

1 FT

3 FT

Packer Sub: Perforations: (top): 24 FT

4 1/2-FH

Change Over: 0 FT

Drill Pipe: (in anchor): 0 FT

ID-3 1/2

Change Over: 0 FT

4 1/2-FH

Perforations: (below):



Operation:
Uploading recovery & pressures

SEC: 18 TWN: 21S RNG: 35W

County: KEARNY State: Kansas

Drilling Contractor: Duke Drilling

Company, Inc - Rig 4 Elevation: 3171 EGL Field Name: Wildcat Pool: WILDCAT Job Number: 483

API #: 15-093-21985-00-00

DATEMay **21**2021

DST #2 Formation: FT Scott Test Interval: 4612 - Total Depth: 4640'

4640'

Time On: 11:42 05/21 Time Off: 20:57 05/21

Time On Bottom: 13:48 05/21 Time Off Bottom: 18:18 05/21

Mud Properties

Mud Type: Chem. Weight: 9.1 Viscosity: 56 Filtrate: 8.0 Chlorides: 7000 ppm



SEC: 18 TWN: 21S RNG: 35W

County: KEARNY State: Kansas

Drilling Contractor: Duke Drilling

Company, Inc - Rig 4 Elevation: 3171 EGL Field Name: Wildcat Pool: WILDCAT Job Number: 483

2nd Open

PSI

MCF/D

API #: 15-093-21985-00-00

Operation:
Uploading recovery &
pressures

DATEMay **21**2021

DST #2 Formation: FT Scott Test Interval: 4612 - Total Depth: 4640'

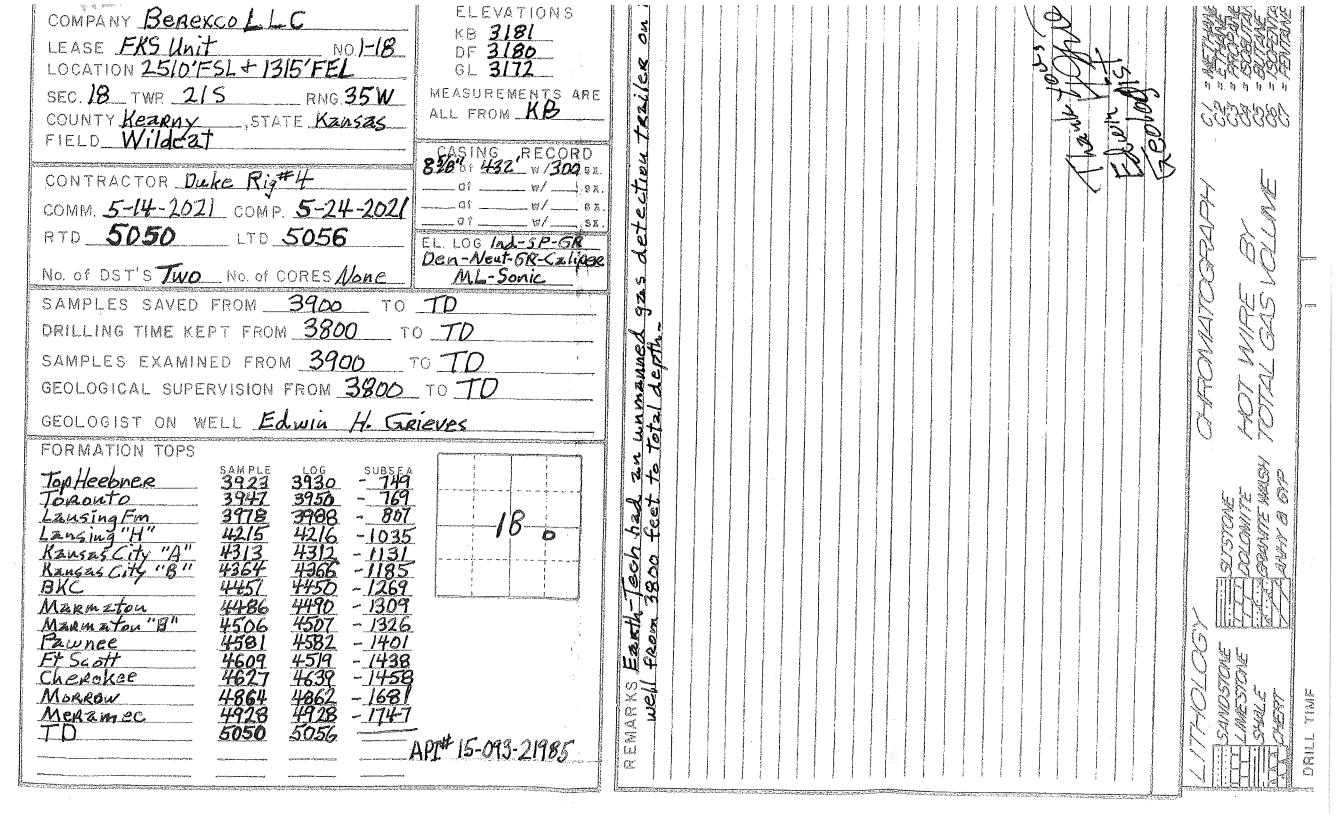
4640'

Time On: 11:42 05/21 Time Off: 20:57 05/21

Time On Bottom: 13:48 05/21 Time Off Bottom: 18:18 05/21

Gas Volume Report

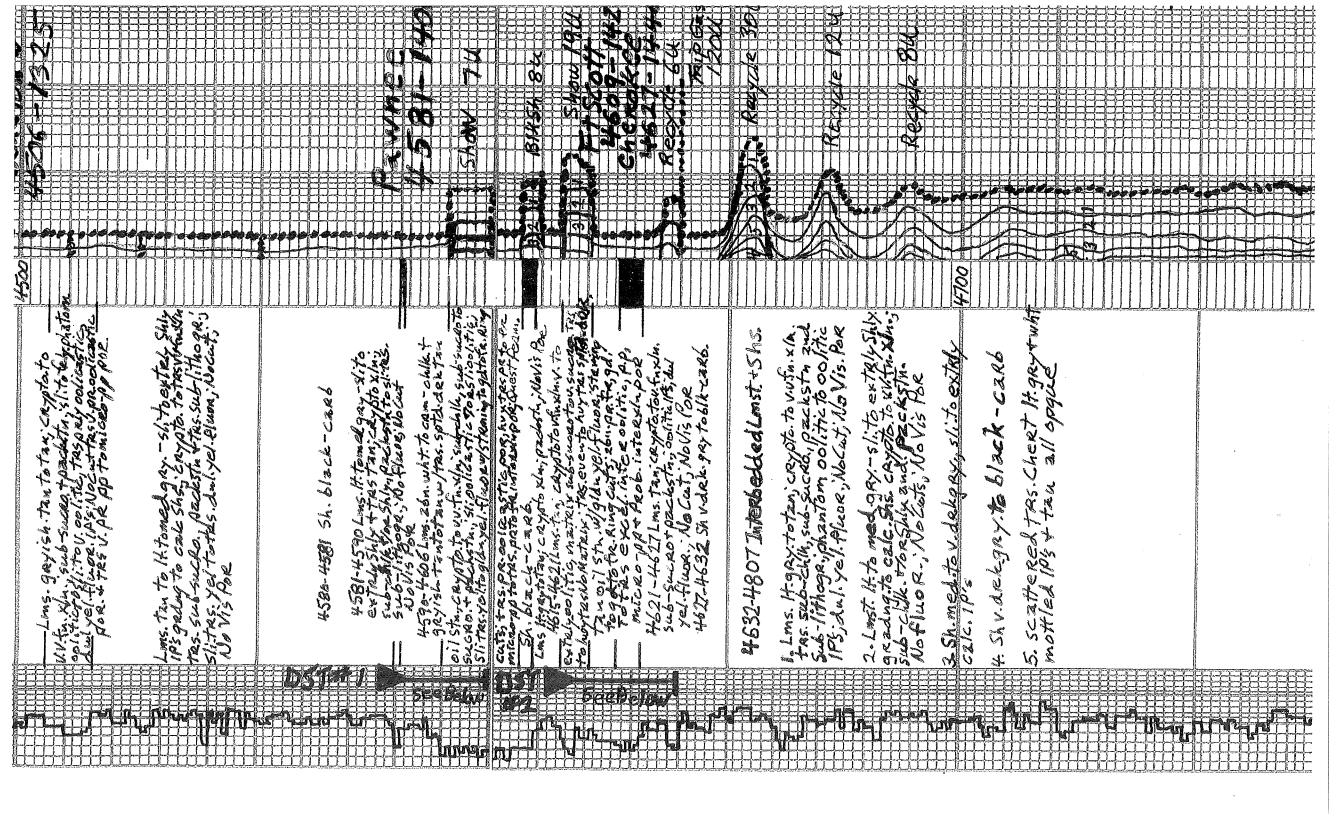
	1st Op	en			2nc
Time	Orifice	PSI	MCF/D	Time	Orifice

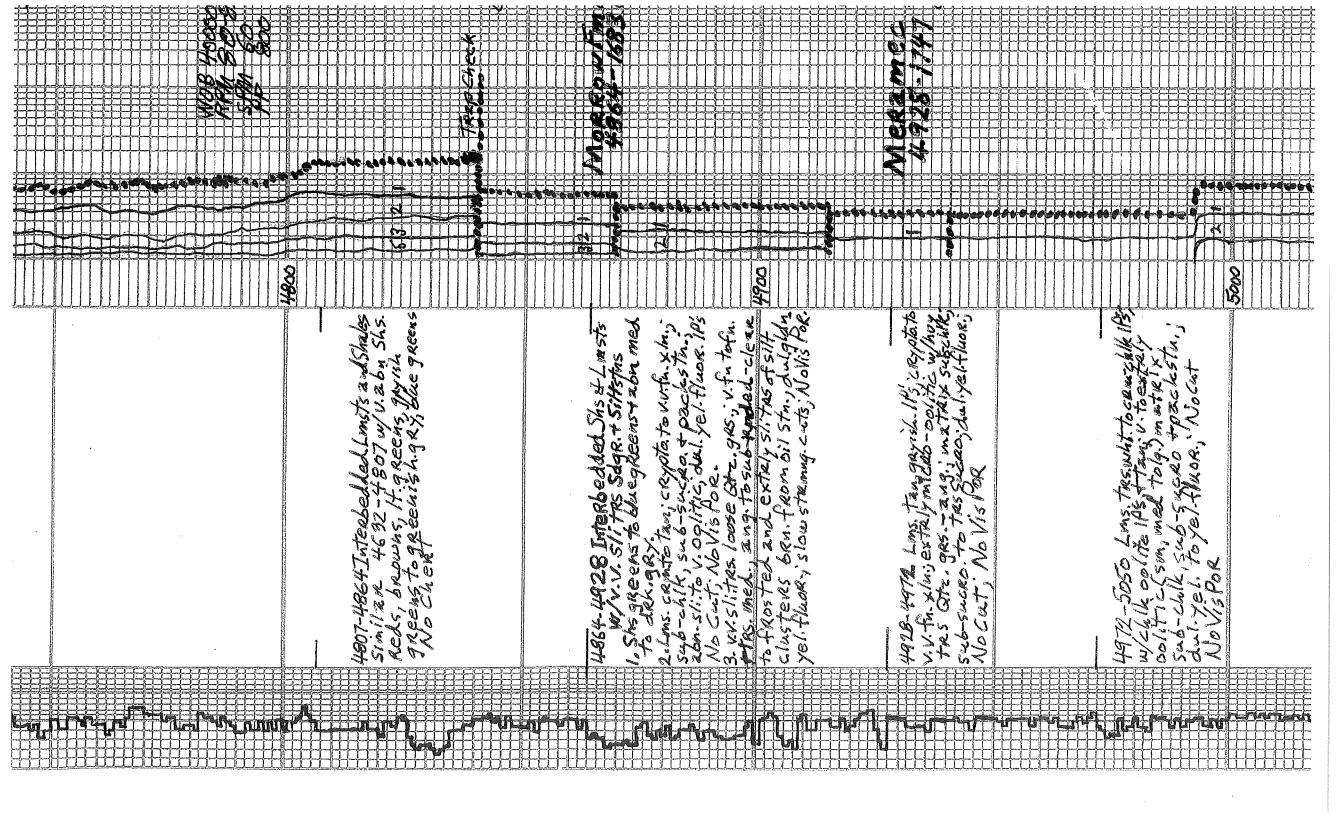


SCALE 0 A O 3800 DESCRIPTION 5047. Sh It gay to Hgaeen-when wet; Sifty 10 Sh. V. dakgay. to SAMPLE L L M SCAL

		-686.3	
		>	
		Contract to har had to do	
		Calc. to V. dahoayto 6/k-calb.loting	
		A Result of Mark	
		1	
		11 474	
		THE 10-TISENERAL LASIS TOWNESS	
		21/21/2/10 SY18-4068 31/4	
		なられて	
	V		
			60
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
		1	
		Tan CRY stoto w. fr. Kla.; sub-colk	
	V	3 3	
		A + TRS. 9d. MICRO-DO + PROB. interxlu	
		Ø A	
		1	
		Lancehold Limestones and shales	
		2 2 2	
		Ul-yel-flade. 103, No Cuty No Us FOR	
		10 - 11 + 10 1 - 10 1 - 10 1 1 1 1 1 1 1 1 1 1 1	
		・ ンヤ・ン・ なんそ・タスケー くなら じゃ	
		1 2 ms	
		こんかけつ ナロンントない メしゃい シロケーンかりかくえるーケルとれる	
		ötres suckot packsty, tas. dullizel. t	
		14. yel-fluo R., Nocatino tas par para	
		possites, laienkingor.	
		- 51. 2. Agl. 30 1 to Hack 4-12Rh	
	h		
		1215-4241 " " " " " " " " " " " " " " " " " " "	
		Tateldedy datastrasha suniak 11 18 to	
		4068	••
	7		
		This hoy the to abunationed culk t	
		14. TO WE OF SEX. TO THE CRAFTO TO XITA X 12.	
		1/ tes. to buxtes, volitio of 185, Sub 1/1	
		Ž,	
		Line, how take what to cooper they take	
		CRYSTO TO J. V. Fr. XII. CXTRIN COlicastiction	
-		TOOLING PSEATHINGSON	
		The strong of self son	
		very quat peak.	
Second representations assess			

3			
Tan sa	The state of the s	1.195; sucket the states of th	Stabular to the stabular to th
Commy Collection of the police	The state of the s	2 No. 1 2 1 1 2 1 2 1 2 2 2 2 2 2 2 2 2 2 2	11/5 to 16 t
to com hazately and the control of t	The state of the s	Sational Association of the part of the pa	the same of the sa
in the second se	San the san th	t. toca 20, to 1, 100 to	to keke Such in the Such in t
The State of the s	Shirt Ashirt Shirt	Election of the second	Last to the start of the start
126 542 22 :	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		2. St.





		‡
526-04/K / 526-525K0 1005/12.	3 3 3	H
		拮
	5000	
		古
		Ħ
		Œ
		掛
- I		E
		Ħ
		#
		Ħ
		Ħ
		Ħ
バイト、タッペー		Ħ
		Ħ
1 101 18 454 ORT 5046		Ħ
4. New JA 118-53		Ŧ
	And the last the same of the s	Ħ
J65 34 KG. 6 1 250 C		Ħ
		Ħ
140 0 4850 1 4850 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
1, 200 1,		H
		F
City Points		
1. 4494 5. 4600		
45.0 6.4640		H
132 8. 4867		H
		Œ
		F
		H
		#
i s		H
		55
		F
		F
		Ħ
う計量出		F
1 No 300 20 8 1 No 3 No 1 No 2		Ħ
Roj 609 Et Ilisi		EE
		F
20 25 00 25 00 00 00 00 00 00 00 00 00 00 00 00 00		Ħ
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Ę
1264 ME 24 24 25 24		F
100 200 100 100 100 100 100 100 100 100		Ŧ
100 100 100 100 100 100 100 100 100 100		
Max load the last		Ŧ
#2777 NYT		
日日日日日日		F
いまならんが、んか		
ことととしているとして		Ħ
		Ħ
10 weak, Such blow built to 1/1 "		H
=0 14" Blow built to 33/4"1.26		
日十十二十二十一人の人		
		E
		Ħ
日間間のめかられ		H
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-
		B
うだ。		
		H
THE THE WAY		
出土土土		H
		Ŧ
		EE
らいによるよ		Ħ
		B

Mud Info:: Mud Info:: Date 13-30 15-20 5	127 27.34 27.35 37.04 13.16 27.38 13.18 13	Services of the services of th	· \$	
100 3 10 10 10 10 10 10 10 10 10 10 10 10 10	E	A. Chi. a special factor and the contract of t	A THE COLUMN TO THE COLUMN TO THE COLUMN THE COLUMN TO THE COLUMN TO THE COLUMN TO THE COLUMN THE C	
2000 7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2) IT C 11:30 A 11:15	224 5-21 804 FOOL	5-22, 5-33 3304 (1:00 A	
1000 7 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	See See	0334 003	CH-723 44940	
300 7 5 00 7 00 00 00 00 00 00 00 00 00 00 00 0		اء ص	gazzaran .	
00 7 2 00 00 00 B B 00 00 B B 00 00 B B 00 00	99 09	33	54.62	
2 2 00 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	18 18	0	8/9/	
10 8 8 10 1% 60 1% 60 1% 10 1%	7 2	520	177	
10 0 B 10 15 10 00 10 10 10 10 10 10 10 10 10 10 10	教	188 188 188 188 188 188 188 188 188 188	14/3/18	
15 8 8 6 7 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8	200 J	000	00 00 00 00	
2 8 8 2 E	732 732	12/1/32	77	
<u>\$ 22 25 3</u>	01,	0.00	0.500	
60 60 80 40 40 12: 2: 2: 2: 2: 2:	8	002/00/	(COSDD	
2,52,92,92,8	8	3	69 9	
The state of the s	01,	ot. 7	7.5 2.5	

STATE Kansas 2510'ESL + 1315'FEL 18 TWP. 215 Kearny STATE X BEC. 870 5050 OTE OPERATOR BEREXCOLLC
LEASE FKS LAP
ELEVATION 3181 KB RTD 5