KOLAR Document ID: 1457194

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:
☐ Oil ☐ WSW ☐ SWD	Producing Formation:
Gas DH EOR	Elevation: Ground: Kelly Bushing:
□ og □ GSW	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? 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:	
☐ 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)
Described	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:  Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of haid disposal if fladica offsite.
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
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 III Approved by: Date:						

KOLAR Document ID: 1457194

#### Page Two

Operator Name:					Lease Nam	ne:			Well #:	
Sec Tw	rpS	S. R	Eas	st West	County:					
	l, flowing an	d shut-in pres	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		)		Yes No		Log Formation (Top), Depth and				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 Log	s		Yes No Yes No Yes No						
			Rep	CASING	RECORD [	Nev		on, etc.		
Purpose of St	tring	Size Hole Drilled		Size Casing let (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	CEMENTING /	SQUE	EEZE RECORD		<u>'</u>	
lop Bottom			e of Cement # Sacks Used			ed Type and Percent Additives				
Perforate Protect Ca Plug Back										
Plug Off Z										
Did you perform     Does the volume     Was the hydraul	e of the total	base fluid of the	hydraulic	fracturing 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:	ction/Injectio	n or Resumed P	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:			DN INTERVAL: Bottom
Vented		Used on Lease		Open Hole		Dually ( Submit A		nmingled nit ACO-4)	Тор	BOLLOTTI
,	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	Size:	Set A	: -	Packer At:					

Form	ACO1 - Well Completion
Operator	C & K Operating LLC
Well Name	CYNTHIA REIMANN 5A
Doc ID	1457194

## Tops

Name	Тор	Datum
Heebner	2997	-1066
Toronto	3018	-1087
Douglas	3032	-1101
Brown Lime	3098	-1167
Lansing	3114	-1183
ВКС	3360	-1423
Arbuckle	3385	-1454
Regan Sand	3469	-1538

Form	ACO1 - Well Completion
Operator	C & K Operating LLC
Well Name	CYNTHIA REIMANN 5A
Doc ID	1457194

## 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	23	420	Common	2% Gel 3% CC 1/4 CF

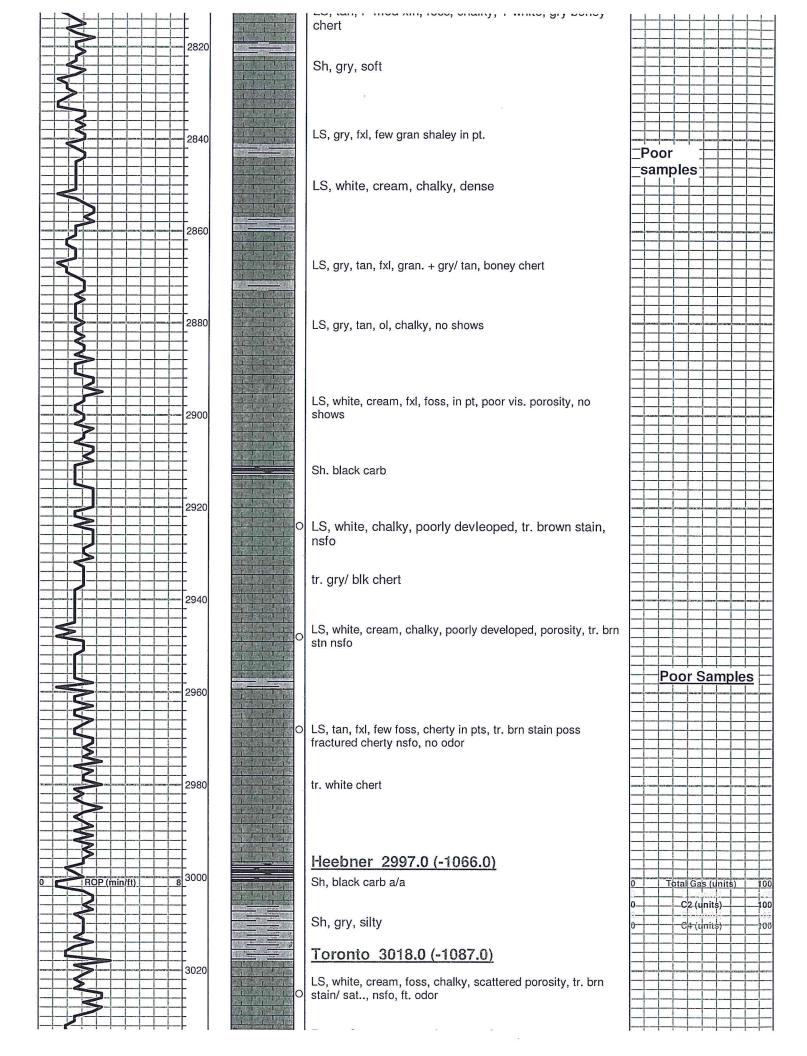


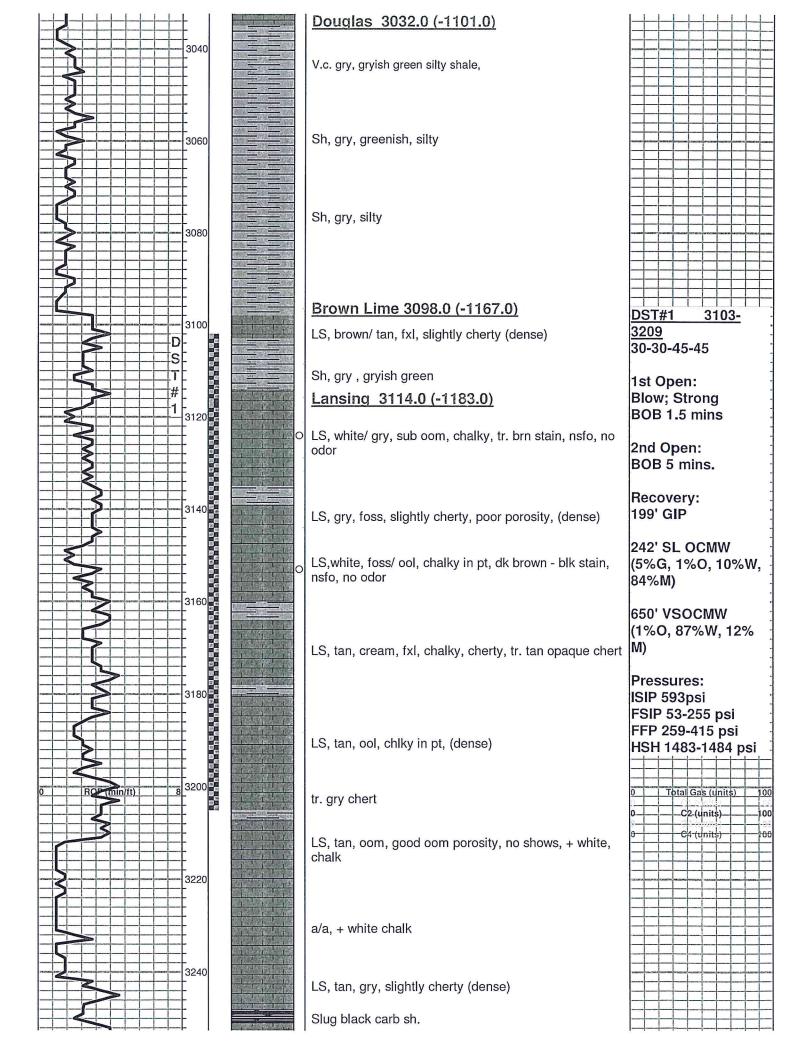
# GEOLOGIST'S REPORT

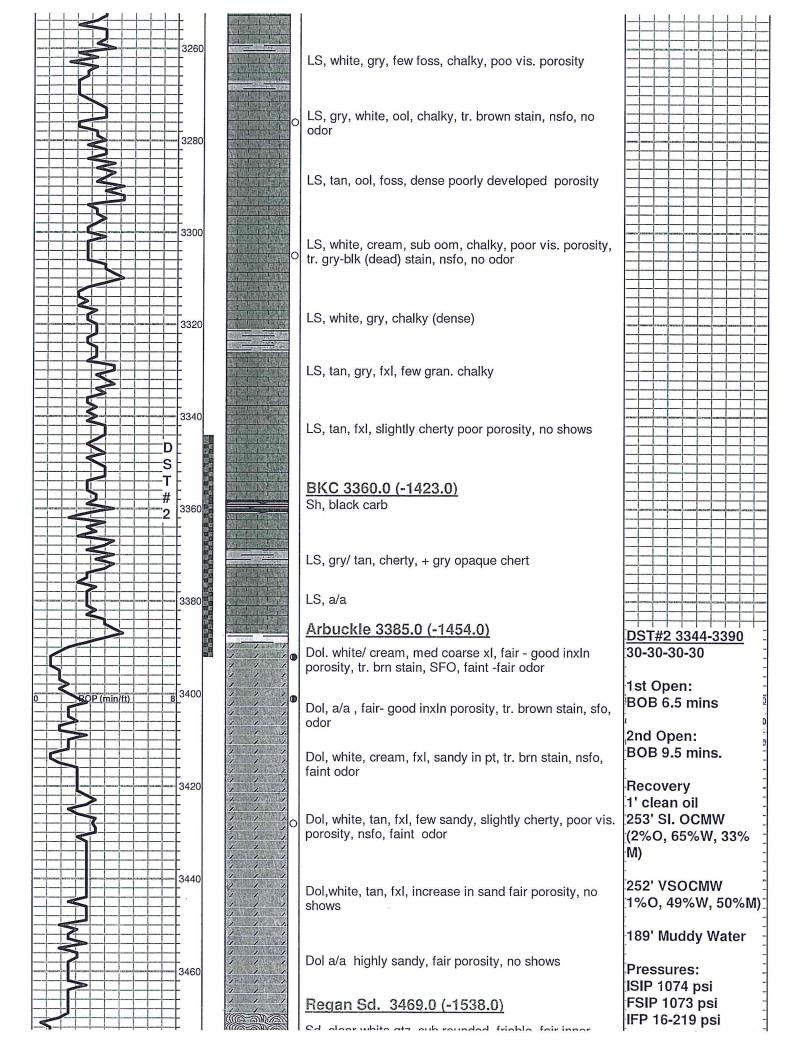
DRILLING TIME AND SAMPLE LOG

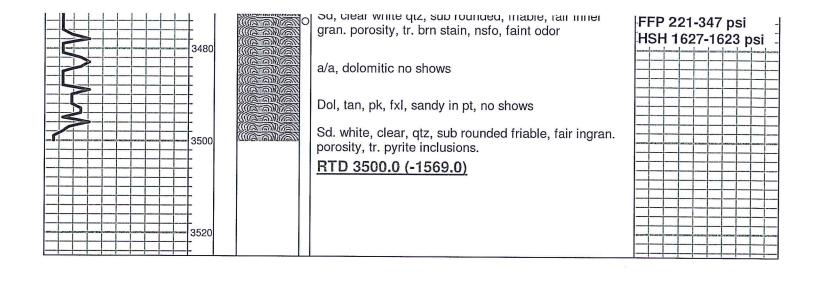
COMPANY_C&K Operating ELEVATIONS  LEASE Cynthia Reimann # 5
FIELD Kraft Prusa
LOCATION SW-NE-NE-SE
GL <u>1920</u>
SEC33TWSP16SRGE11WMeasurements Are Al
COUNTY Barton STATE Kansas From KB
CONTRACTOR W.W Drilling (Rig #8 CAS I NG
SPUD 12/03/2018 COMP 12/12/2018   SURFACE 8 5/8"@ 420'   PRODUCTION   None
RTD 3500' LTD 3498' ELECTRICAL SURVEYS
MUD UP 2500' + TYPE MUD Chemical by ELI; DIL, CNL/CDL Micro, Sonic
SAMPLES SAVED FROMTORTD
DRILLING TIME KEPT FROM
SAMPLES EXAMINED FROMTOTORTD
GEOLOGICAL SUPERVISION FROM 2800' TO RTD
GEOLOGIST ON WELLJim Musgrove
FORMATION TOPS LOG. — SAMPLES
Anhydrite 744 (+1187) Regan Sd. 3469 -1538
Base Anhydrite 773 (+1158) RTD 3500 -1569
Heebner 2997 (-1066) LTD 3498 -1567
Toronto 3013 (-1028)
Douglas         3028         (-1097)           Brown Lime         3095         (-1164)
Brown Lime   3095 (-1164)   33   X

Base Kansas City	3358 (-1427)							
<u>Arbuckle</u>	3383 (-1452)							
	•							
Delarin	ROCK T							
Dolprim Lmst fw<7	shale, grn Carb	oon Sh						
	OTHER SY	MBOLS						
Oil Show Ogod Show Good Show Fair Show Poor Show Spotted or Trace Oguestionable Stn D Dead Oil Stn Fluorescence * Gas								
Curve Track #1		Printed by GEOstrip	VC Striplog version 4.0.8.15 (www.grsi.ca) TG, C1 - C5					
ROP (min/ft)			Total Gas (units)					
Cored Intervals    DST Intervals   Depth   Intervals   DST Int	Lithology Oil Show	Geological Descriptions	C2 (units) C3 (units) C4 (units)					
2720 2740	LS, gry, fxl, few gr	an. shaley in pt	1:240 Imperial  0 Total Gas (units) 100  0 C2-(units) 100  0 C4 (units) 100					
2760	LS, gry tan, fxl, gra	an, + gry, tan, boney chert						
2780	LS, gry, tan, ool, c	halky, no shows no odor						
0 80P (min/ft) 8 2800	Black carb shale	foss chalkv + white grv	0 Total Gas (units) 100 0 C2 (units) 100 honev					









# QUALITY WELL SERVICE, INC. 481187368 6135

Home Office 324 Simpson St., Pratt, KS 67124

Office 620-727-3410 Fax 620-672-3663

Rich's Cell 620-727-3409 Brady's Cell 620-727-6964

Date DEC 7, 18 33	Twp. 165	Range // w	Basi	County	State 6	On Location	> Finish		
Date 220 17 10		#5		-1		West Tab			
CYNTHIA B	C+1		Location						
Contractor Time lab \$\partial \frac{\partial	C 4 1	OPLIAI	1109	Owner To Quality Well Service, Inc.					
Type Job 8 1/8 Hole Size 12 1/4	T.D. /	1528'	-	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
	Depth	3 20		Chargo					
Csg.	Depth			10	+ K				
Tbg. Size	Depth			Street					
Tool	Shoe Jo	int		City		State			
Cement Left in Csg.	Displace		_	Cement Amo		nd supervision of owner			
Meas Line EQUIPN				Z/E	1 -1/1/ 1/		20, 2		
/ No Rich					0, 0	4 (+			
Pumptrk 6				Poz. Mix	250 8				
Bulktrk No.				Gel. 5	c1 2				
Bulktrk No. BrEN!				0	54				
Pickup  JOB SERVICES	& REMAI	PK6		Calcium 9	54				
				Hulls					
Rat Hole  Mouse Hole				Salt					
				Flowseal (025					
Centralizers	+++		-	Kol-Seal					
Baskets D/V or Port Collar	-			Mud CLR 48					
	21	. 0		CFL-117 or CD110 CAF 38					
penipel 94 BI		mudl		Sand					
5 BBL water	25		201	Handling 264					
com - Dissplace	CEO	79.2	BBL	Mileage 40					
Pipe Pl		11.10		121	E FLOAT EQUIPIWI	ENI			
Pall	940	ap .		Guide Shoe					
1250600	1-10	10		Centralizer					
1 Hen p	lenge	20/		Baskets I TA TOP Robert Pla					
				AFU Inserts	1 ZA				
				Float Shoe					
				Latch Down	(				
			-	SERVICE					
		100		IMV 4					
				Pumptrk Cha	arge SFC 3				
				Mileage (	)	Tax			
		*				Discount			
X X X 2									
Signature In Suit						Total Charge	Taylor Printing, Inc.		

# QUALITY WELL SERVICE, INC. Federal Tax I.D. # 481187368 6136

Home Office 324 Simpson St., Pratt, KS 67124

Office 620-727-3410 Fax 620-672-3663

Rich's Cell 620-727-3409 Brady's Cell 620-727-6964

	Sec.	Twp.	Range		County	State	On Location	Finish			
Date DEC 12,2018	33	16	IIW	BA	rton	K.S. 1	9:30 AM	12:30			
Lease Cynthia Raina	hard W	/ell No.	H 5	Location	on GNO	f claffer					
Contractor W W				7	Owner C+K						
Type Job plug Joh	2				To Quality Well Service, Inc.  You are hereby requested to rent cementing equipment and furnish						
Hole Size		T.D.		7 1	cementer and helper to assist owner or contractor to do work as listed.						
Csg. 85/8		Depth	To the second		Charge C	44	7				
Tbg. Size		Depth		模	Street						
Tool		Depth	- 14.1		City Prat	City Pratt State K.S.					
Cement Left in Csg.		Shoe Jo	pint			s done to satisfaction a					
Meas Line		Displace	e.			ount Ordered	ISOSY	60/4048			
	EQUIPN	IENT			Gel /	4305x (0	m.				
Pumptrk 46	ieli				Common 5	20	<b>9.</b> 5	* 1			
Bulktrk #4 No. Rac					Poz. Mix 💪	0					
Bulktrk # /	4大生				Gel. 5						
Pickup No. Bres	PURT.	1 to			Calcium 5						
JOB SERVICES & REMARKS					Hulls						
Rat Hole 30 SX					Salt						
Mouse Hole	3	*			Flowseal						
Centralizers	ya, 49 t				Kol-Seal						
Baskets		4			Mud CLR 48						
D/V or Port Collar					CFL-117 or (	CD110 CAF 38					
a) 3863 pu	inge	de	15 water	30	Sand						
75 5K5 50	vale	00	5 min on		Handling 600						
mud punp					Mileage 4						
		75				FLOAT EQUIPM	ENT				
water 2 nin	on	mo	I puny	2	Guide Shoe						
parfeal 750	rea	en s	to 170	/	Centralizer						
peupol 73	5 51	t5 4	t water		Baskets						
50 Sembe	one	mo	el sun	9	AFU Inserts						
peralal 450	10	ino	at		Float Shoe						
459' pengo	2	125	5K5		Latch Down						
down dill pepa per Bel out					LMU L	10					
punped 30	an	reat Ho	le	Service	SUMERVISON						
puedeol i	n 8	5/8	period	2	Pumptrk Cha	rge Rotery Al	'a				
200 Sts 0	como	2nt	cocal	too	Mileage 8	٥.	/				
to surles			4				Tax				
	_	,	1		:		Discount				
X Signature	-41	Ly	1		4		Total Charge				
( )								T. L. D. P. L.			



Company: C & K Operating, LLC

Lease: Cynthia Reimann #5

SEC: 33 TWN: 16S RNG: 11W

County: BARTON State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 1926 EGL Field Name: Kraft-Prusa

Pool: Pool Ext Job Number: 295

Operation:
Test Complete

**DATE**December

**10** 2018

DST #1 Formation: Lans "A-

Test Interval: 3103 - 3209'

Total Depth: 3209'

Time On: 10:08 12/10

Time Off: 17:12 12/10

Time On Bottom: 12:02 12/10 Time Off Bottom: 14:47 12/10

Electronic Volume Estimate: 1219' 1st Open Minutes: 30 Current Reading: 88.4" at 30 min

Max Reading: 88.4"

1st Close Minutes: 30 Current Reading: 1.6" at 30 min Max Reading: 2" 2nd Open Minutes: 45 Current Reading: 66" at 45 min Max Reading: 66"

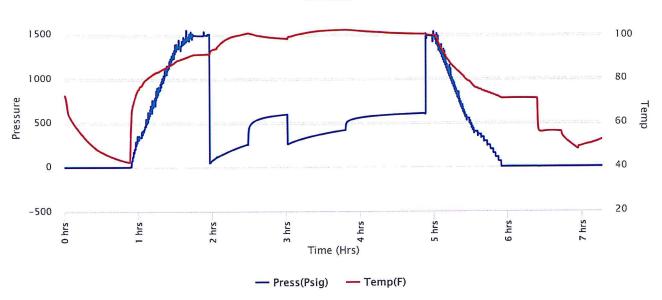
3.8" at 60 min Max Reading: 4.2"

2nd Close

Minutes: 60

Current Reading:

Inside Recorder





Test Complete

Company: C & K Operating,

LLC

Lease: Cynthia Reimann #5

SEC: 33 TWN: 16S RNG: 11W

County: BARTON State: Kansas

Drilling Contractor: WW Drilling, LLC -

Mud %

0

84

12

Rig 8

Elevation: 1926 EGL Field Name: Kraft-Prusa

Pool: Pool Ext Job Number: 295

DATE December 10 2018

**DST #1** Formation: Lans "A- Test Interval: 3103 -3209

Total Depth: 3209'

Water %

0

10

Time On: 10:08 12/10

Time Off: 17:12 12/10

<u>Oil %</u>

0

1

Time On Bottom: 12:02 12/10 Time Off Bottom: 14:47 12/10

### Recovered

<u>Foot</u>	BBLS	Description of Fluid	Gas %	
199	2.83177	G	10 <mark>0</mark>	
242	3.44366	SLOCSLGCSLWCM	5	
630	7.8423933	SLOCSLMCW	0	

1 87

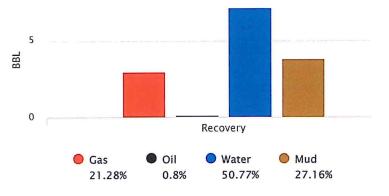
Total Recovered: 1071 ft

Total Barrels Recovered: 14.1178233

Reversed Out NO

Initial Hydrostatic Pressure	1483	PSI
Initial Flow	53 to 255	PSI
Initial Closed in Pressure	593	PSI
Final Flow Pressure	259 to 415	PSI
Final Closed in Pressure	605	PSI
Final Hydrostatic Pressure	1484	PSI
Temperature	103	°F
Pressure Change Initial	0.0	%
Close / Final Close		

## Recovery at a glance





Test Complete

Company: C & K Operating,

LLC

Lease: Cynthia Reimann #5

SEC: 33 TWN: 16S RNG: 11W

County: BARTON State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 1926 EGL Field Name: Kraft-Prusa

Pool: Pool Ext Job Number: 295

DATE

December 10 2018

**DST #1** 

Formation: Lans "A-F"

Test Interval: 3103 -3209'

Total Depth: 3209'

Time On: 10:08 12/10

Time Off: 17:12 12/10

Time On Bottom: 12:02 12/10 Time Off Bottom: 14:47 12/10

#### **BUCKET MEASUREMENT:**

Diesel in Bucket

1st Open: 1 in. blow building. BOB in 1 1/2 mins.

1st Close: 2 in. blow back.

2nd Open: 1 3/4 in. blow building. BOB in 5 mins.

2nd Close: 4 1/4 in. blow back.

**REMARKS:** 

Tool Sample: 5% Gas 15% Oil 15% Water 65% Mud

Ph: 7

Measured RW: .15 @ 40 degrees °F

RW at Formation Temp: 0.064 @ 103 °F

Chlorides: 88,000 ppm



Operation: Test Complete

## Company: C & K Operating, LLC

Lease: Cynthia Reimann #5

SEC: 33 TWN: 16S RNG: 11W

County: BARTON State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 1926 EGL Field Name: Kraft-Prusa

Pool: Pool Ext Job Number: 295

**DATE** 

December

10 2018 Formation: Lans "A-

Test Interval: 3103 -

Total Depth: 3209'

3209'

Time On: 10:08 12/10

Time Off: 17:12 12/10

Time On Bottom: 12:02 12/10 Time Off Bottom: 14:47 12/10

## **Down Hole Makeup**

Heads Up: 25.31 FT Packer 1: 3097.88 FT

**Drill Pipe:** 2982.46 FT Packer 2:

3102.88 FT

ID-3 1/2

Top Recorder:

3089.88 FT

Weight Pipe:

**Bottom Recorder:** 

3172 FT

ID-2 7/8

Well Bore Size:

77/8

Collars:

ID-2 1/4

1" Surface Choke:

**Test Tool:** 

**Bottom Choke:** 

26.16 FT

FT

**DST #1** 

ID-3 1/2-FH

**Total Anchor:** 

106.12

120.57 FT

Anchor Makeup

Packer Sub:

1 FT

Perforations: (top):

3 FT

4 1/2-FH

Change Over:

.5 FT

Drill Pipe: (in anchor):

62.62 FT

ID-3 1/2

**Change Over:** 

1 FT

38 FT

Perforations: (below):

4 1/2-FH



Test Complete

Company: C & K Operating,

LLC

Lease: Cynthia Reimann #5

SEC: 33 TWN: 16S RNG: 11W

County: BARTON State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 1926 EGL Field Name: Kraft-Prusa

Pool: Pool Ext Job Number: 295

DATE

10 2018 **DST #1** 

Formation: Lans "A-F"

Test Interval: 3103 - 3209'

Total Depth: 3209'

Time On: 10:08 12/10

Time Off: 17:12 12/10

Time On Bottom: 12:02 12/10 Time Off Bottom: 14:47 12/10

## **Mud Properties**

Mud Type: Chemical

Weight: 9.2

Viscosity: 50

Filtrate: 8.8

Chlorides: 2,400 ppm



**Test Complete** 

## Company: C & K Operating, LLC

Lease: Cynthia Reimann #5

SEC: 33 TWN: 16S RNG: 11W

County: BARTON State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 1926 EGL Field Name: Kraft-Prusa

Pool: Pool Ext Job Number: 295

DATE December 11 2018

**DST #2** Formation: Arbuckle Test Interval: 3344 -

Total Depth: 3390'

3390

Time On: 09:51 12/11

Time Off: 16:14 12/11

Time On Bottom: 11:48 12/11 Time Off Bottom: 13:48 12/11

DANGER **H2S Present** 2 PPM

Electronic Volume Estimate: 722'

1st Open Minutes: 30 Current Reading: 43.8" at 30 min

Max Reading: 43.8"

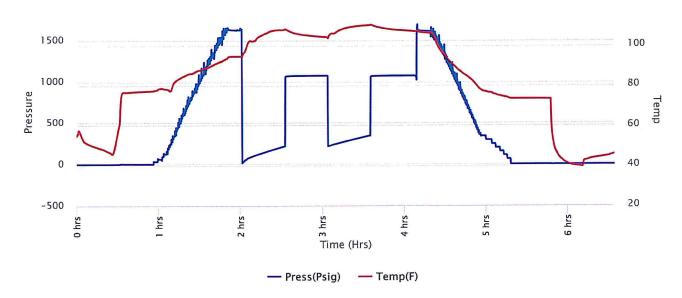
1st Close Minutes: 30 Current Reading: 0" at 30 min Max Reading: .1"

2nd Open Minutes: 30 Current Reading: 34.6" at 30 min

Max Reading: 34.6"

2nd Close Minutes: 30 Current Reading: 0" at 30 min Max Reading: 0"

Inside Recorder





Test Complete

Company: C & K Operating,

LLC

Lease: Cynthia Reimann #5

SEC: 33 TWN: 16S RNG: 11W

County: BARTON State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 1926 EGL Field Name: Kraft-Prusa

Pool: Pool Ext Job Number: 295

DATE December 11

**DST #2** Formation: Arbuckle Test Interval: 3344 -3390'

Total Depth: 3390'

DANGER **H2S Present** 2 PPM

2018

Time On: 09:51 12/11

Time Off: 16:14 12/11

Time On Bottom: 11:48 12/11 Time Off Bottom: 13:48 12/11

### Recovered

Foot	BBLS	Description of Fluid	Gas %	<u>Oil %</u>	Water %	
253	3.60019	SLOCHMCW	0	2	65	
1	0.01423	O	0	100	0	
252	3.58596	SLOCHWCM	0	1	49	
189	1.5669633	SLMCW	0	0	95	

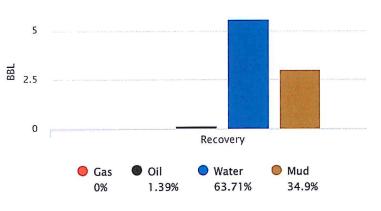
Total Recovered: 695 ft

Total Barrels Recovered: 8.7673433

Reversed	Out
NO	

Initial Hydrostatic Pressure	1627	PSI
Initial Flow	16 to 219	PSI
Initial Closed in Pressure	1074	PSI
Final Flow Pressure	221 to 347	PSI
Final Closed in Pressure	1073	PSI
Final Hydrostatic Pressure	1625	PSI
Temperature	111	°F
Pressure Change Initial	0.1	%
Close / Final Close		

## Recovery at a glance





Operation: **Test Complete** 

## Company: C & K Operating,

Lease: Cynthia Reimann #5

Formation: Arbuckle

SEC: 33 TWN: 16S RNG: 11W

County: BARTON State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 1926 EGL Field Name: Kraft-Prusa

Pool: Pool Ext Job Number: 295

DATE

December 11

2018

Test Interval: 3344 -3390'

Total Depth: 3390'

DANGER **H2S Present** 

2 PPM

Time On: 09:51 12/11

Time Off: 16:14 12/11

#### **BUCKET MEASUREMENT:**

1st Open: 1/4 in. blow building. BOB in 6 1/2 mins.

LLC

**DST #2** 

1st Close: Weak blow back.

2nd Open: 3/4 in. blow building. BOB in 9 1/2 mins.

2nd Close: No blow back.

REMARKS:

Tool Sample: 0% Gas 2% Oil 95% Water 3% Mud

Ph: 7

Measured RW: .2 @ 35 degrees °F

RW at Formation Temp: 0.071 @ 111 °F

Chlorides: 85,000 ppm

Max H2S Reading: 2 ppm



**Test Complete** 

Company: C & K Operating, LLC

Lease: Cynthia Reimann #5

SEC: 33 TWN: 16S RNG: 11W

County: BARTON State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 1926 EGL Field Name: Kraft-Prusa

Pool: Pool Ext Job Number: 295

**DATE** December 11

2018

**DST #2** Formation: Arbuckle Test Interval: 3344 -

Total Depth: 3390'

3390'

Time On: 09:51 12/11

Time Off: 16:14 12/11

Time On Bottom: 11:48 12/11 Time Off Bottom: 13:48 12/11

DANGER **H2S Present** 2 PPM

## **Down Hole Makeup**

Heads Up:

34.29 FT

Packer 1:

3338.7 FT

**Drill Pipe:** 

3232.26 FT

Packer 2:

3343.7 FT

ID-3 1/2

Top Recorder:

3330.7 FT

Weight Pipe:

FT

3382 FT

ID-2 7/8

**Bottom Recorder:** 

Well Bore Size:

7 7/8

5/8"

Collars:

120.57 FT

Surface Choke:

ID-2 1/4

26.16 FT

**Bottom Choke:** 

**Test Tool:** ID-3 1/2-FH

**Total Anchor:** 46.3

Anchor Makeup

Packer Sub:

1FT

Perforations: (top):

3 FT

4 1/2-FH

**Change Over:** 

.5 FT

Drill Pipe: (in anchor):

31.80 FT

ID-3 1/2

Change Over:

1 FT

Perforations: (below):

9 FT

4 1/2-FH



Test Complete

Company: C & K Operating,

LLC

Lease: Cynthia Reimann #5

SEC: 33 TWN: 16S RNG: 11W

County: BARTON State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 1926 EGL Field Name: Kraft-Prusa

Pool: Pool Ext Job Number: 295

DANGER

DATE December

11 2018 **DST #2** Formation: Arbuckle Test Interval: 3344 -3390'

Total Depth: 3390'

**H2S Present** 2 PPM

Time On: 09:51 12/11

Time Off: 16:14 12/11

Time On Bottom: 11:48 12/11 Time Off Bottom: 13:48 12/11

## **Mud Properties**

Mud Type: Chemical

Weight: 9.3

Viscosity: 52

Filtrate: 8.8

Chlorides: 2,900 ppm

Conservation Division 266 N. Main St., Ste. 220 Wichita, KS 67202-1513



Phone: 316-337-6200 Fax: 346-337-6211 http://kcc.ks.gov/

Laura Kelly, Governor

Dwight D. Keen, Chair Shari Feist Albrecht, Commissioner Jay Scott Emler, Commissioner

April 12, 2019

Jim Kraft C & K Operating LLC 413 S. MAIN PRATT, KS 67124

Re: ACO-1 API 15-009-26244-00-00 CYNTHIA REIMANN 5A SE/4 Sec.33-16S-11W Barton County, Kansas

Dear Jim Kraft:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 12/3/2018 and the ACO-1 was received on April 12, 2019 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

**Production Department**