KOLAR Document ID: 1429502

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: Z	′ip:+	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. xxx.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 ☐ 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?
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 7	Fotal Depth:	
Deepening Re-perf. Conv. to E	EOR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Liner Conv. to 0	GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
		Chloride content: ppm Fluid volume: bbls
_		Dewatering method used:
		Location of fluid disposal if bouled office.
		Location of fluid disposal if hauled offsite:
		Operator Name:
GOVV		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 Approved by: Date:					

KOLAR Document ID: 1429502

Page Two

Operator Name: _				Lease Name:			Well #:	
Sec Twp.	S. R.	E	ast West	County:				
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Taken Yes No (Attach Additional Sheets)						on (Top), Depth ar		Sample
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		B	CASING eport all strings set-c		New Used	ion, etc.		
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD			
Purpose:		epth T Bottom	ype of Cement	# Sacks Used	Type and Percent Additives			
Perforate Protect Casi Plug Back T								
Plug Off Zor								
Did you perform a Does the volume Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT
,	,			B.11 B1				
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:				
TODING RECORD:	. 3126.		n.	i donei Al.				

Form	ACO1 - Well Completion
Operator	Three Forks Resources, LLC
Well Name	MAY TRUST 2-30
Doc ID	1429502

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.675	24	302	Class A	230	95%



Operation:

Uploading recovery & pressures

Drilling Contractor: WW Drilling, LLC -

SEC: 30 TWN: 2S RNG: 30W

Rig 8

Elevation: 2882 GL Field Name: Wildcat Pool: WILDCAT Job Number: 202

County: DECATUR State: Kansas

DATE August 05 2018

Formation: Lansing "C" **DST #2** Test Interval: 3964 -Total Depth: 4012' 4012'

> Time On: 11:26 08/05 Time Off: 18:43 08/05

Time On Bottom: 13:28 08/05 Time Off Bottom: 16:08 08/05

Electronic Volume Estimate: 381'

1st Open Minutes: 10 **Current Reading:** 11.4" at 10 min

Max Reading: 11.4"

1st Close Minutes: 45 **Current Reading:**

0" at 45 min Max Reading: 0"

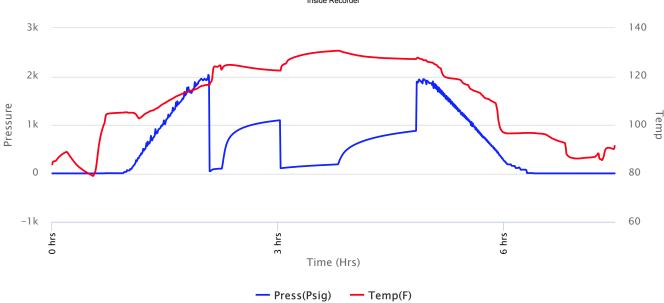
2nd Open Minutes: 45 **Current Reading:**

18.0" at 45 min Max Reading: 18.0"

2nd Close Minutes: 60 Current Reading:

0" at 60 min Max Reading: 0"

Inside Recorder





Operation:

Uploading recovery & pressures

County: DECATUR

SEC: 30 TWN: 2S RNG: 30W

State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 2882 GL Field Name: Wildcat Pool: WILDCAT Job Number: 202

DATE	
August	
05	
2018	

Formation: Lansing "C" Total Depth: 4012' DST #2 Test Interval: 3964 -4012'

> Time On: 11:26 08/05 Time Off: 18:43 08/05

Time On Bottom: 13:28 08/05 Time Off Bottom: 16:08 08/05

Recovered

<u>Foot</u>	BBLS	Description of Fluid	<u>Gas %</u>	<u>Oil %</u>	Water %	Mud %
15	0.21345	HWCM (trace O)	0	.3	48.7	51
250	3.5575	HWCM	0	0	41	59
120	0.6232643	SLMCW	0	0	81	19

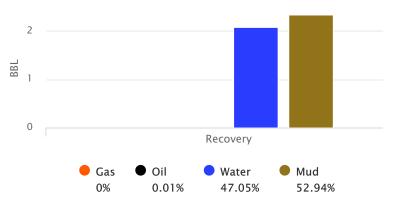
Total Recovered: 385 ft

Total Barrels Recovered: 4.3942143

Reversed Out
NO

Initial Hydrostatic Pressure	1937	PSI
Initial Flow	44 to 99	PSI
Initial Closed in Pressure	1096	PSI
Final Flow Pressure	108 to 187	PSI
Final Closed in Pressure	878	PSI
Final Hydrostatic Pressure	1927	PSI
Temperature	131	°F
Pressure Change Initial	19.9	%
Close / Final Close		

Recovery at a glance





Operation:

Uploading recovery & pressures

DST #2 Formation: Lansing Test Interval: 3964 - Total Depth: 4012'

SEC: 30 TWN: 2S RNG: 30W

Drilling Contractor: WW Drilling, LLC -

County: DECATUR State: Kansas

Elevation: 2882 GL

Job Number: 202

Field Name: Wildcat Pool: WILDCAT

Rig 8

Time On: 11:26 08/05 Time Off: 18:43 08/05

Time On Bottom: 13:28 08/05 Time Off Bottom: 16:08 08/05

2018 BUCKET MEASUREMENT:

DATE

August

05

1st Open: 1 1/2" to 11" blow

1st Close: No BB

2nd Open: Surface to BOB 26 min.

2nd Close: No BB



SEC: 30 TWN: 2S RNG: 30W County: DECATUR

State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 2882 GL Field Name: Wildcat Pool: WILDCAT Job Number: 202

Operation:

Uploading recovery & pressures

DATE August 05

2018

DST #2 Formation: Lansing Test Interval: 3964 -Total Depth: 4012' "C"

4012'

Time On: 11:26 08/05 Time Off: 18:43 08/05

Time On Bottom: 13:28 08/05 Time Off Bottom: 16:08 08/05

Down Hole Makeup

Heads Up: 17.26 FT Packer 1: 3958.78 FT

Drill Pipe: 3832 FT Packer 2: 3963.78 FT

ID-3 1/2 Top Recorder: 3948.2 FT

Weight Pipe: 0 FT **Bottom Recorder:** 4001 FT

ID-2 7/8

Well Bore Size: 7 7/8 Collars: 116.47 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: 48.22

Anchor Makeup Packer Sub: 1 FT

Perforations: (top): 2 FT

4 1/2-FH

Change Over: 1 FT

Drill Pipe: (in anchor): 31.22 FT

ID-3 1/2

Change Over: 1 FT

Perforations: (below): 12 FT

4 1/2-FH



SEC: 30 TWN: 2S RNG: 30W County: DECATUR

State: Kansas Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 2882 GL Field Name: Wildcat Pool: WILDCAT Job Number: 202

Operation:

Uploading recovery & pressures

> **DATE** August 05 2018

Formation: Lansing "C" DST #2 Test Interval: 3964 -Total Depth: 4012'

4012'

Time On: 11:26 08/05 Time Off: 18:43 08/05

Time On Bottom: 13:28 08/05 Time Off Bottom: 16:08 08/05

Mud Properties

Mud Type: Chemical Weight: 9.1 Viscosity: 60 Filtrate: 6.2 Chlorides: 1,300 ppm



Company: Three Forks Resources, LLC

Operation:

Uploading recovery & pressures

Lease: May Trust #2-30

SEC: 30 TWN: 2S RNG: 30W

County: DECATUR State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 2882 GL Field Name: Wildcat Pool: WILDCAT Job Number: 202

DATE August

05 2018

Formation: Lansing "C" Total Depth: 4012' DST #2 Test Interval: 3964 -4012'

Time On: 11:26 08/05 Time Off: 18:43 08/05

Time On Bottom: 13:28 08/05 Time Off Bottom: 16:08 08/05

Gas Volume Report

1st Open 2nd Open

Time	Orifice	PSI	MCF/D	Time	Orifice	PSI	MCF/D

3Forks Resources, LLC Updated 2-28-18 DRILLING PROGNOSIS

OPERATOR:

3Forks Resources, LLC

WELL NAME:

May Trust 2-30

LEGAL LOCATION:

1670' FSL, 1469' FEL Sec 30-2S-30W Lat. 39.847474063, Long. -100.727278198 State Plane Kansas North 1501; NAD 27

X=1234427.61 Y=563003.54

COUNTY, STATE:

Decatur County, Kansas

PROPOSED DEPTH:

4665'

ELEVATION:

GL 2882' KB 2887'

DIRECTIONS:

From: The NW corner of Oberlin, KS at the intersection

of Hwy 83/Buffalo Ave. & Hwy 36/Frontier Pkwy, now go West 10 miles on Hwy 36/Frontier Pky, now go 1 mile north on 100th Rd to the SE corner of section 30-2S-30W; Confirm final ingress with landowner or operator.

Note: Decatur County does not post signs at many rural county road intersections.

PERSONNEL

		<u>Mobil</u>	Office/Rig	Home
Geology	Larry Weis	303-895-7178	Same as cell	Same as cell
٠,	Mitch Meyer	303-475-3205		
Engineering	Paul Roberts	605-716-1591	605-545-3841	
	Scotty Smith	303-898-6676	Alternate cell: 4	06-539-3997
Land	Natalie Gaylon	406-633-1959		
	John Grover	316-209-7525		
Wellsite Geo	l: Jason Alm	785-635-5586	hardrockconsult	ing@hotmail.com
Tool Pusher				
Consultant (p	oipe)		year on the second section of the second	

ESTIMATED GEOLOGIC TOPS AND ANTICIPATED PRESSURES:

<u>Formation</u>	<u>Top</u>	<u>Oil/Gas</u>	$\underline{\mathrm{BHP}}$
Anhydrite	2683 +204		
Base Anhydrite	2715 +172		
Topeka	3664 -777		
Oread	3849 -962	OIL	
Heebner	3863 -976		
Lansing A	3903-1016	OIL	
В	3931-1044	OIL	
C	3986-1099	OIL	
D	4021-1134	OIL	

DRILLING PROGNOSIS			PAGE 2
May Trust 2-30			
Lansing E	4059-1172	OIL	
F	4089-1202	OIL	
Base KC	4128 -1241		
Cherokee	4283 -1396	OIL	
Mississippian	4420 -1533	OIL	
Simpson Sand	4464-1577	OIL	
Arbuckle	4484 -1597	OIL	
Reagan	4606 -1719	OIL	
Granite Wash	4637 -1750	OIL	
RTD/Basement	4665 -1778		

KEEP 1' DRILL TIMES FROM 2640'-2750' (ANHY) AND 3300-TD. CALL Larry Weis 303-895-7178 and Mitch Meyer 303-475-3205 WITH ANHY TOP AND DRILL TIME

CASING PROGRAM: Paul Roberts

MUD PROGRAM: Paul Roberts

FORMATION EVALUATION:

Wellsite Geologist: 3300'-TD (call @ 2800', stop at 3600' if not on loc)

Call Geologist @ 2800'

Drill Cutting Samples: 10', 3300 -TD. 1' drilling times over intervals stated above

15 min. intervals on circulating samples

Coring Program: N/A

Drill Stem Testing: Possible in Oread, LKC (2 or 3 tests possible), Cherokee,

Miss, Arb., Reagan, basically any zones that have merit to

test (sample shows, drilling breaks, visible porosity, gas

kicks)

Blow: 30-45-45-90 min (may be adjusted depending on

How formation is reacting, by Jason and

testing man in consultation with 3Forks (Paul and Larry)

No blow: 30-20-20 min Grind out any oil samples

Depth Interval Type Log

Open Hole Logging 2200'- TD DIL-SP-GR,

3300'- TD CNL-CDL, MEL

250' - TD BHCS

DRILLING PROGNOSIS May Trust 2-30

PAGE 3

Surveys:

0-TD'

every 750', Totco. 1 deg/100', 5 deg

max, however we stress that only 3 degree max, to the West (towards fault plane)

CEMENTING PROGRAM: Paul Roberts

REGULATORY AGENCY REQUIREMENTS: Irene Trujillo, Larry Weis, Paul Roberts

Intent to Drill:

Approved:

Water Source:

Paul Roberts

Water Permit:

Paul Roberts

Pit System:

Open

VENDORS - DRILLING OPERATIONS: Paul Roberts

Location:

Water:

Cement:

Wellhead:

Logging: Pioneer Logging, 785-460-7272 (Colby) or 785-625-3858 (Hays)

Diamond Testing (Drillstem): 620-653-7550; 620-687-1691

Casing Crew, PU/LD: TBD by Paul Roberts

Frac tank: Mud Company to handle

DRILLING CONTRACT SUMMARY: Paul Roberts

Contract Type: Footage

Contractor: WW Drilling (Paul will select)

Commencement Date: est. first quarter 2018

Fuel Clause:

MISC INFORMATION:

Landowner: May Family Heritage Trust

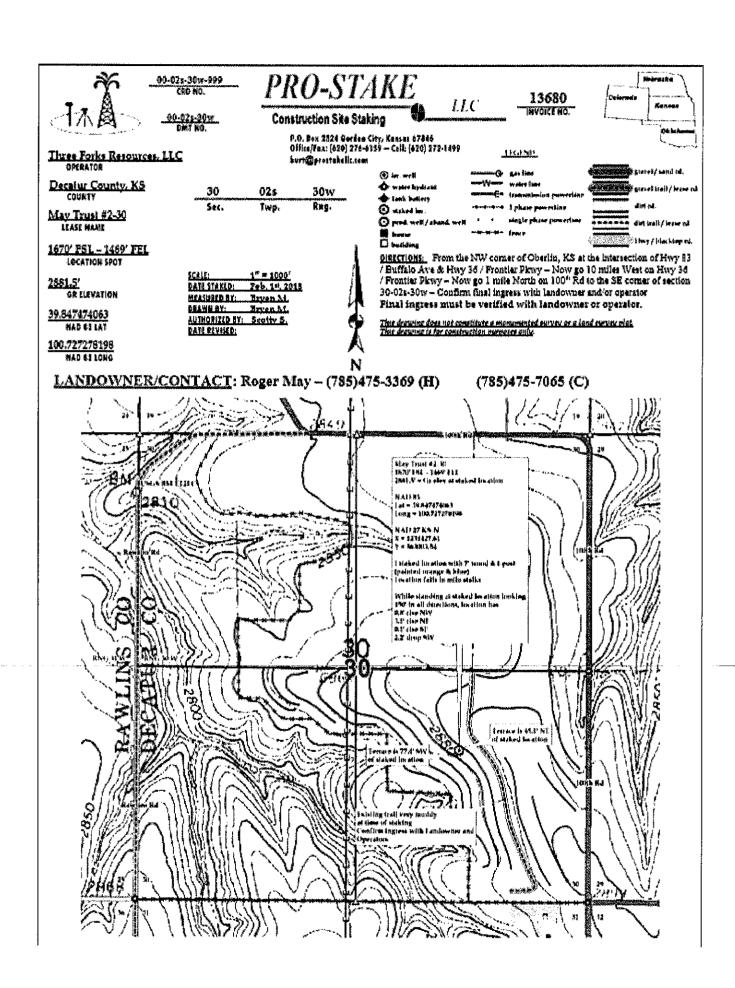
Contact for Trust: Robert May, Oberlin Kansas 785-475-3369 (H) 785-475-7065 (C)

Surface Tenant: May Trust, Roger May is contact Trustee

Water: Roger May or nearby farmer

Paul Roberts, Manager 605-545-3841

Larry Weis, Geologist 303-895-7178



STATE OF KANSAS

CORPORATION COMMISSION CONSERVATION DIVISION 266 N. MAIN ST., STE. 220 WICHITA, KS 67202-1513



PHONE: 316-337-6200 FAX: 316-337-6211 http://kcc.ks.gov/

GOVERNOR JEFF COLYER, M.D.

SHARI FEIST ALBRECHT, CHAIR | JAY SCOTT EMLER, COMMISSIONER | DWIGHT D. KEEN, COMMISSIONER

January 15, 2019

Irene Trujilo Three Forks Resources, LLC 4080 YOUNGFIELD ST WHEAT RIDGE, CO 80033-3862

Re: ACO-1 API 15-039-21248-00-00 MAY TRUST 2-30 SE/4 Sec.30-02S-30W Decatur County, Kansas

Dear Irene Trujilo:

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 07/31/2018 and the ACO-1 was received on January 15, 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



Scale 1:240 Imperial

Well Name: May Trust #2-30 Surface Location: Sec. 30 -T2S - R30W

Bottom Location:

API: 15-039-21248-0000

License Number: 35486

Spud Date: 7/31/2018 Time: 9:00 AM

Region: **Decatur County**

Drilling Completed: 8/7/2018 Time: 12:30 PM

Surface Coordinates: 1670' FSL & 1469' FEL

Bottom Hole Coordinates:

Ground Elevation: 2882.00ft K.B. Elevation: 2887.00ft

3450.00ft To: 4428.00ft Logged Interval:

Total Depth: 4628.00ft Formation: Pre-Cambrian

Chemical/Fresh Water Gel Drilling Fluid Type:

OPERATOR

Three Forks Resources, LLC Company:

Address: 555 17th Street

Suite 975

Denver, CO 80202

Contact Geologist:

Contact Phone Nbr: 303-318-0717 Well Name: May Trust #2-30 Location: Sec. 30 -T2S - R30W

API: 15-039-21248-0000

Pool: Field: Wildcat State: USA Country: Kansas

SURFACE CO-ORDINATES

Well Type: Vertical

Longitude: -100.727278198 Latitude: 39.847474063 1670' FSL N/S Co-ord: E/W Co-ord: 1469' FEL

LOGGED BY

Keith Reavis

Consulting Geologist

Company: Keith Reavis, Inc. Address: 3420 22nd Street

Great Bend, KS 67530

Phone Nbr: 620-617-4091

KLG #136 Logged By: Name: Keith Reavis

CONTRACTOR

Contractor: WW Drilling, LLC

> Rig #: 8

Rig Type: mud rotary

Spud Date: 7/31/2018 TD Date: 8/7/2018

Rig Release:

Time:

Time: Time:

Time:

9:00 AM

12:30 PM

2882.00ft

ELEVATIONS

K.B. Elevation: 2887.00ft Ground Elevation:

K.B. to Ground: 5.00ft

NOTES

Due to negative drill stem testing results and subsequent electrical log evaluation, it was determined that the May Trust # 2-30 would be non-commercial and the operator therefore elected to plug this well as a dry test.

A Bloodhound gas detection system, operated by Bluestem Labs was employed during the drilling of this well. ROP and gas curve data were imported into this log. Gamma ray and caliper curves from the electrical log suite were also imported into this log. All sample tops picked from drill time were low to the electrical log tops from generally 4 to 10 ft. The drill time was not shifted to match the electrical logs, but left as recorded in the field.

Samples from this well were saved and will be available for review at the Kansas Geological Survey Well Sample Library located in Wichita, KS.

Respectfully submitted, Keith Reavis

Three Forks Resources

08/02/18

DATE	7:00 AM DEPTH	REMARKS
8/02/2018		Geologist Keith Reavis on location @ 2355 hrs, 3278 ft, drilling ahead
8/03/2018	3452	Begin 10 ft wet and dry, drilling ahead, Topeka, Deer Creek, Lecompton
08/04/2018	3862	run wiper trip @ 3830', continue drilling, Oread, Heebner, Lansing, shows Toronto and Lansing A warrant test, TOH w/bit, in w/tools, conduct and complete DST #1, successful test, lay down tools
08/05/2018	3981	TIH w/bit, resume drilling, Lansing B & C, show and gas kick in C zone warrants test, TOH w/bit, in w/tools, conduct DST #2, successful test, TIH w/bit, resume drilling
08/06/2018	4125	drilling ahead, LKC, BKC, Marmaton, Cherokee
08/07/2018	45 19	drilling ahead, Cherokee, Penn Congl. Mississippian, Simpson, Arbuckle bit shot @ 4628 ft, called TD, 1230 hrs, cfs, short trip, ctch, TOH for logs, conduct open hole logging operations, off loc 1000 pm

Three Forks Resources

well comparison sheet

		DRILLING V	WELL	COMPARISON WELL 3 Forks May Trust 1-30 884' FNL & 2126' FWL Sec 30-T2S-R30W				
	3	Forks May 1670' FSL Sec 30-T29	& 1469'					
	2887	КВ	. Company	2852 KB		Structural Relationship		
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log
Topeka	3674	-787	3664	-777	3629	-777	-10	0
Oread	3854	-967	3850	-963	3814	-962	-5	-1
Heebner	3868	-981	3864	-977	3828	-976	-5	-1
Lansing	3910	-1023	3904	-1017	3868	-1016	-7	-1
Base KC	4129	-1242	4125	-1238	4093	-1241	-1	3
Marmaton	4141	-1254	4134	-1247	4102	-1250	-4	3

Cherokee	4287	-1400	4282	-1395	4248	-1396	-4	1
Penn Congl	4371	-1484	4367	-1480	4340	-1488	4	8
Mis <mark>si</mark> ssippian	4420	-1533	4416	-1529	4386	-1534	1	5
Simpson Sand	4502	- <mark>161</mark> 5	4485	-1598	4436	-1584	-31	-14
Arbuckle	4514	-1627	4506	-1619	4454	-1602	-25	-17
Reagan	np	111111			4572	-1720		
Pre-Cambrian	4620	-1733	4596	-1709	4602	-1750	17	41
Total Depth	4628	-1741	4627	-1740	4632	-1780	39	40



Uploading recovery &

pressures

Company: Three Forks Resources, LLC

Lease: May Trust #2-30

SEC: 30 TWN: 2S RNG: 30W

County: DECATUR State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 2882 GL Field Name: Wildcat Pool: WILDCAT Job Number: 202

DATE August 04 2018

DST#1 Formation: Test Interval: 3867 -Total Depth: 3920' Toronto/Lansing "A"

Time On: 15:51 08/04 Time Off: 22:59 08/04 Time On Bottom: 17:53 08/04 Time Off Bottom: 20:33 08/04

Recovered

Foot	BBLS	Description of Fluid	Gas %	Oil %	Water %	Mud %
95	1.35185	HWCM (trace O)	0	.1	31	68.9
245	2.9606143	SLMCW	0	0	91	9
60	0.2952	HMCW	0	0	50	50

Total Recovered: 400 ft

Initial Hydrostatic Pressure

Initial Closed in Pressure

Final Closed in Pressure

Final Hydrostatic Pressure

Final Flow Pressure

Total Barrels Recovered: 4.6076643 NO

Initial Flow

Temperature

Reversed Out

PSI.

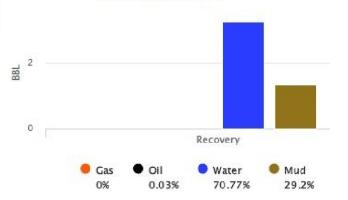
PSI

PSI

PSI

PSI

PSI.



Recovery at a glance

Pressure Change Initial Close / Final Close

Electronic Volume Estimate: 365

1st Open Minutes: 10 Current Reading: 6.7" at 10 min

Max Reading: 6.7"

1848

13 to 77

1313

80 to 195

1282

1843

134

2.4

Minutes: 45 Current Reading: 0" at 45 min Max Reading: 0"

1st Close

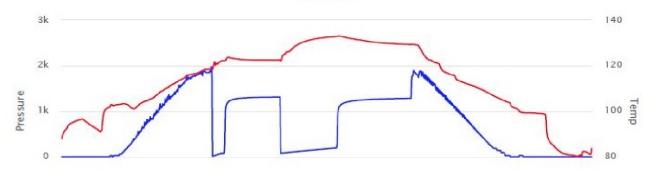
2nd Open Minutes: 45 Current Reading:

21.7" at 45 min Max Reading: 21.7"

2nd Close Minutes: 60 Current Reading: 0" at 60 min

Max Reading: 0"

Inside Recorder







SEC: 30 TWN: 2S RNG: 30W County: DECATUR

State: Kansas

Drilling Contractor: WW Drilling, LLC -

Riq 8

Elevation: 2882 GL Field Name: Wildcat Pool: WILDCAT Job Number: 202

Operation: Uploading recovery & pressures

> DATE August 05 2018

DST#2 Formation: Lansing "C" Test Interval: 3964 -4012'

Total Depth: 4012'

Time On: 11:26 08/05

Time Off: 18:43 08/05

Time On Bottom: 13:28 08/05 Time Off Bottom: 16:08 08/05

Oil %

.3

Recovered

Foot	BBLS	Description of Fluid	Gas %
15	0.21345	HWCM (trace O)	0
250	3.5575	HWCM	0
120	0.6232643	SLMCW	0

0 41 59 0 81 19

Recovery at a glance

Water %

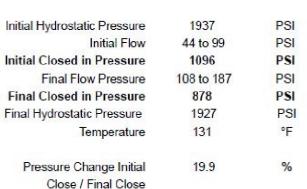
48.7

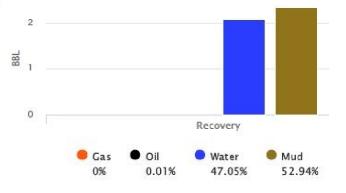
Mud %

51

Total Recovered: 385 ft

Total Barrels Recovered: 4.3942143





Electronic Volume Estimate: 381

1st Open Minutes: 10 Current Reading: 11.4" at 10 min

Max Reading: 11.4"

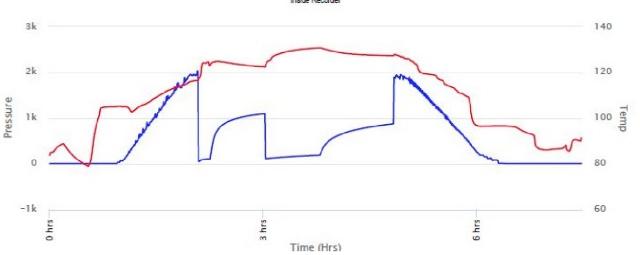
1st Close Minutes: 45 Current Reading: 0" at 45 min Max Reading: 0"

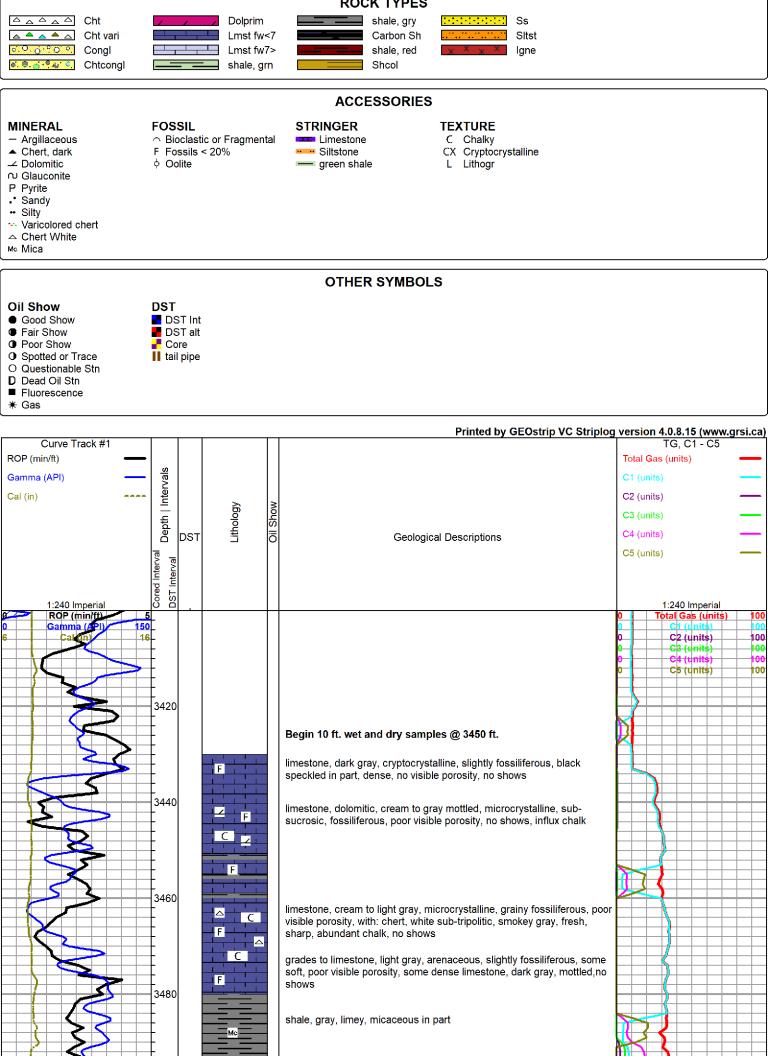
2nd Open Minutes: 45 Current Reading: 18.0" at 45 min Max Reading: 18.0"

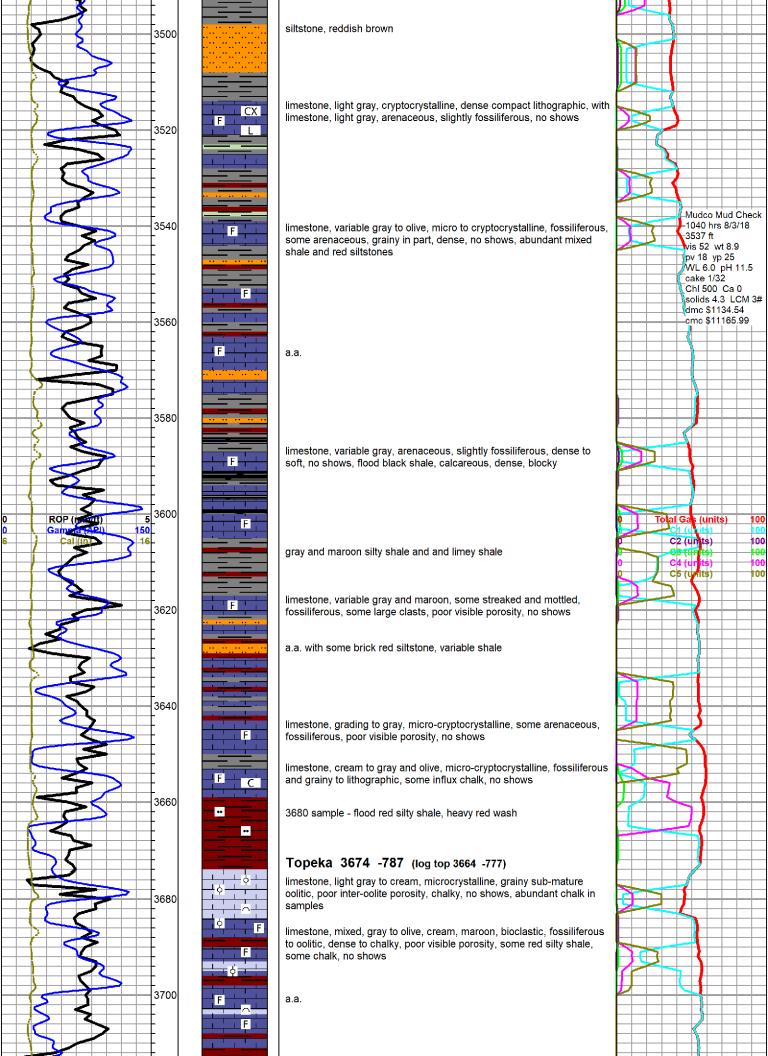
2nd Close Minutes: 60 Current Reading: 0" at 60 min

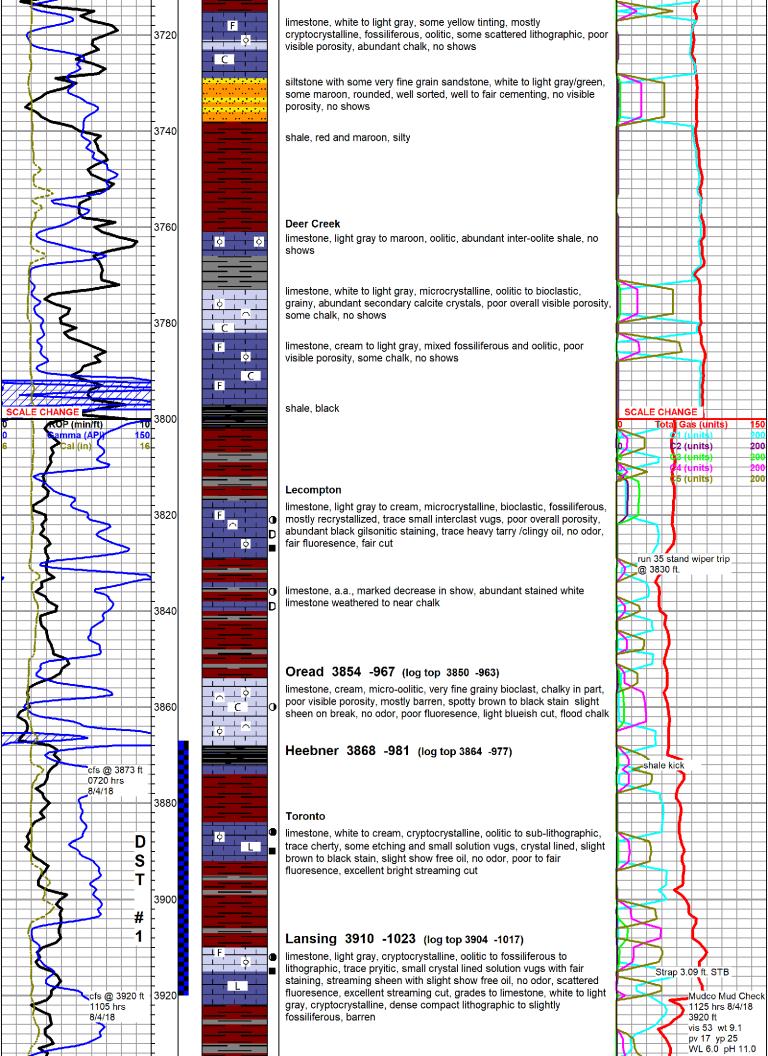
Max Reading: 0"

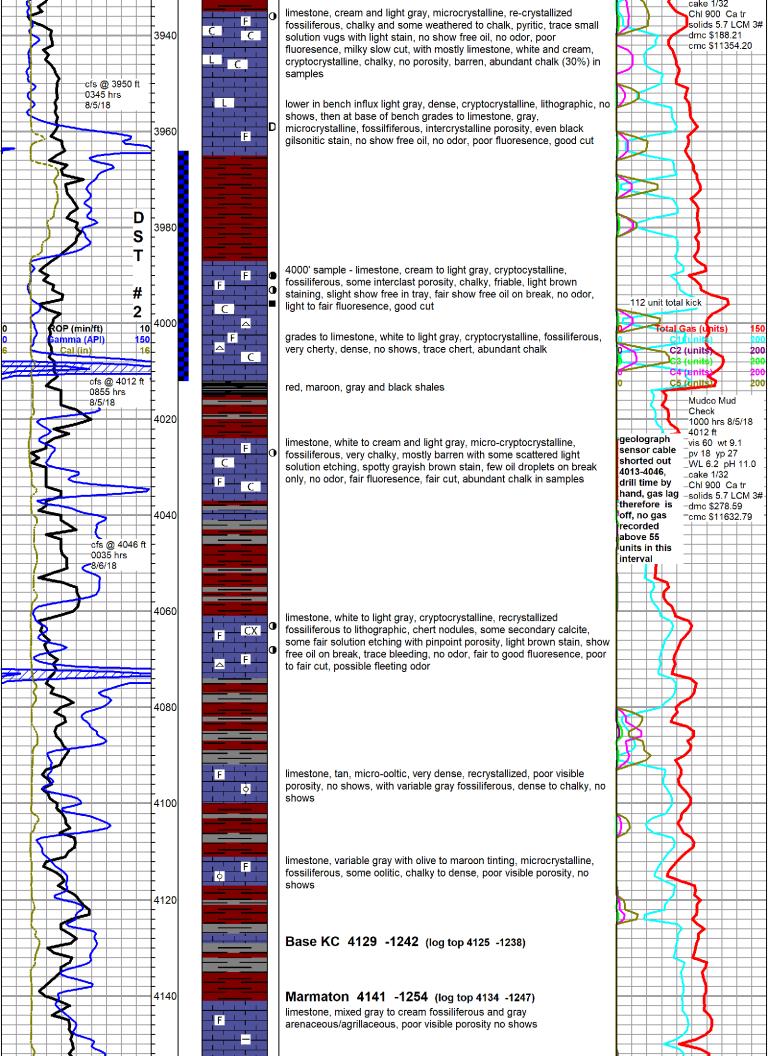
Inside Recorder

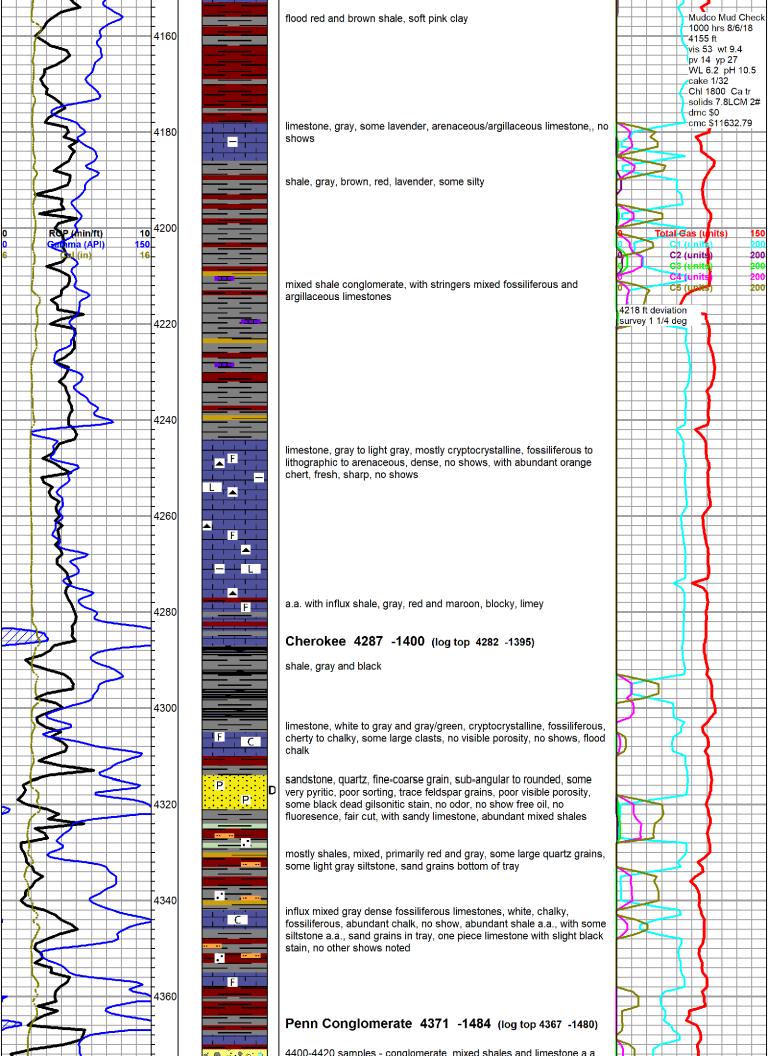


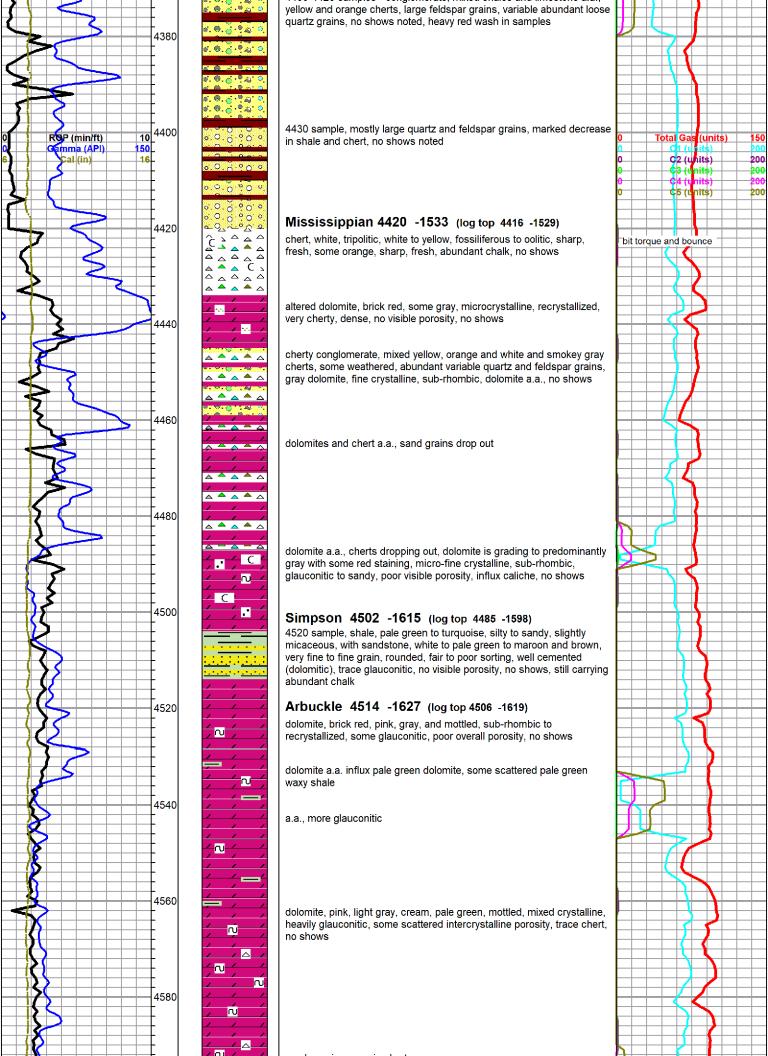


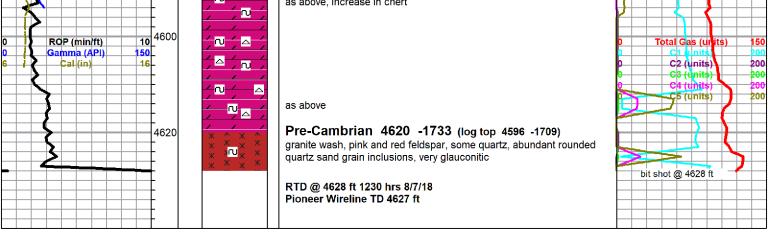














C

SURFACE JOB

RECEIVED RECRIMED

AUG 0 6 2018

Date: 7/31/2018

Invoice # 881

P.O.#:

Due Date: 8/30/2018 Division: Russell

QUALITY OILWELL CEMENTING, INC.
PO Box 32 - 740 WEST WICHITA AVE, RUSSELL KS 67665
PHONE:785-324-1041 FAX:785-483-1087 EMAIL: cementing@ruraltel.net

Invoice

Contact:	Received in Acctg. 8-13-18
THREE FORKS RESOURCES Address/Job Location:	Input 1867-AP- 25
555 17TH ST, SUITE 975	Posted
DENVER CO 80202	Approved
	Scanned
Reference:	Indexed
MAY TRUST 2-30 SEC 30-2-30	Paid
Description of Work:	The second secon

Services / Items Included:	Quantity	Price	Taxable	ltem .	Quantity	Price	Taxable
Labor		\$ 657.71	No				
Common-Class A	160	\$ 2,429.74	Yes				1
Calcium Chloride	7	\$ 288.97	Yes				er inse
POZ Mix-Standard	40	\$ 206.41	Yes				0
Pump Truck Mileage-Job to Nearest Camp	52	\$ 172.50	No				out the same of th
Bulk Truck Matl-Material Service Charge	211	\$ 155.54	No				-
Bulk Truck Mileage-Job to Nearest Bulk Plant	52	\$ 134.17	No				
Premium Gel (Bentonite)	4	\$ 85.51	Yes				

Invoice Terms:		SubTotal:	\$ 4,130.56
Net 30	Discount Available <u>ONLY</u> if Invoi within I	\$ (103.26)	
	S	\$ 2,935.38	
	SubTo	tal for Non-Taxable Items:	\$ 1,091.93
		Total:	\$ 4,027.30
	7.50% Decatur County Sales Tax	Tax:	\$ 220.15
Thank You For Your Business!		Amount Due:	\$ 4,247.45
		Applied Payments:	
		Balance Due:	\$ 4,247.45

Past Due Invoices are subject to a service charge (annual rate of 24%) This does not include any applicable taxes unless it is listed. ©2008-2013 Straker Investments, LLC. All rights reserved.

QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

Date 7-31-18	Sec.	Twp.	Range	1	County	State K.5	On Location	Finish		
					ion Oberlo	10 1 1	20 /N win	200		
Lease May T	rust	ا جنجا و	Well No. 2-3		Owner	11000 1001	of win	DOUGHER SHOU		
Contractor WW	8	E1 830 S		MENTEL	To Quality O	ilwell Cementing, In				
Type Job Surface	P	wai di	adder and an	na Rija	cementer an	eby requested to rer ad helper to assist o	nt cementing equipmen wner or contractor to d	t and furnish o work as listed.		
Hole Size 121/4	fe loi perce	T.D.	302	action.	Charge	Three Forks	Resource S			
Csg. 25/8	44,89416		Depth 391				Dest to most ortholog	THE CARD TO BE WITH		
Tbg. Size	10 40	Depth	ideograph Service	TURN WHOM	Street	Marie Present and Present	State	A DATE OF		
Tool	(5 to) 28	Depth			The above wa	as done to satisfaction	and supervision of pwne	r agent or contractor.		
Cement Left in Csg.	15	Shoe J	oint			ount Ordered 22	00/			
Meas Line		Displac	e 18B	b) tag d	legrestia oktor	MORREL II SASSIC MW	YTLIAUQ BEERAND	ONIVECT:		
emptry a tractor or other	EQUIPA	/	ined it Clubras	one jere	Common /	160	o eausped oa op of ek			
Pumptrk 20 Helpe		- 1		713000	Poz. Mix	40	BUD yo blee nee of ba	personal designation of the		
Bulktrk No. Drive	r	Τ)		In the second	Gel.	riacionamino teria del	BIL CASHAHO KON			
Bulktrk /9 No. Drive				820 10	Calcium 1			ANNALS -		
JOB SE	ERVICES	& REMA	RKS	STATE OF	Hulls					
Remarks:				TIME	Salt					
Rat Hole	et or tar	e tomid	chandies. Cus	ióm a á	Flowseal					
Mouse Hole				UHL, CORUS	Kol-Seal					
Centralizers	JO gnibu	son, ince	дас бу хау рөг	uord, di	Mud CLR 48					
Baskets	melolyb a	periolis	o peol course.		CFL-117 or CD110 CAF 38					
D/V or Port Collar	95,131,101	A	density on to		Sand Sand					
85/8 on botton	n Est	Circi	plation.		Handling 2//					
Mix 200 5/4	13	Space			Mileage	100 kg				
Cement (imi,	400			FLOAT EQUIPMENT					
					Guide Shoe					
PROUBO & BOIDE HOUSE					Centralizer					
	1 812/46	7 HOLE 200	Appare the o	е бактый	Baskets	" - STAR STAR				
malas vigos das	2012				AFU Inserts		LEVALUE AND EAST OF A STATE OF THE STATE OF			
LOSSIL DARKER					Float Shoe			de la companie		
				1000	Latch Down					
			TLA O his			S & E FOWER	w ky san man-stake	No. State of the second		
							BYBONG BI			
					Pumptrk Cha	arge Surfac	ze managa	onsteht "		
					Mileage 5	2		477 - 187 - 168		
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V V		2,		a bubak	April 1970 to		Discount	3 6 9		
Signature State	111	Inn	(1)	3	1 5 7 595 (1)		Total Charge			



Company: Three Forks Resources, LLC

Operation:

Uploading recovery & pressures

Lease: May Trust #2-30

SEC: 30 TWN: 2S RNG: 30W

County: DECATUR State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 2882 GL Field Name: Wildcat Pool: WILDCAT Job Number: 202

DATE August 04 2018

DST #1 Formation: Toronto/Lansing "A"

Test Interval: 3867 -3920'

Total Depth: 3920'

Time On: 15:51 08/04

Time Off: 22:59 08/04

Time On Bottom: 17:53 08/04 Time Off Bottom: 20:33 08/04

Electronic Volume Estimate: 365'

1st Open Minutes: 10 **Current Reading:** 6.7" at 10 min

1st Close Minutes: 45 **Current Reading:** 0" at 45 min

2nd Open Minutes: 45 **Current Reading:** 21.7" at 45 min

Minutes: 60 Current Reading: 0" at 60 min

2nd Close

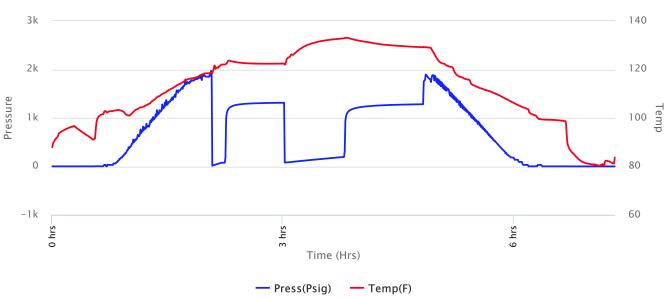
Max Reading: 6.7"

Max Reading: 0"

Max Reading: 21.7"

Max Reading: 0"







Operation:

Uploading recovery & pressures

Rig 8

State: Kansas Drilling Contractor: WW Drilling, LLC -

SEC: 30 TWN: 2S RNG: 30W

Elevation: 2882 GL Field Name: Wildcat Pool: WILDCAT Job Number: 202

County: DECATUR

DATE	
August	
04	
2018	

Total Depth: 3920' **DST #1** Formation: Test Interval: 3867 -Toronto/Lansing "A" 3920'

Time On: 15:51 08/04 Time Off: 22:59 08/04

Time On Bottom: 17:53 08/04 Time Off Bottom: 20:33 08/04

Recovered

<u>Foot</u>	<u>BBLS</u>	Description of Fluid	<u>Gas %</u>	<u>Oil %</u>	Water %	<u> Mud %</u>
95	1.35185	HWCM (trace O)	0	.1	31	68.9
245	2.9606143	SLMCW	0	0	91	9
60	0.2952	HMCW	0	0	50	50

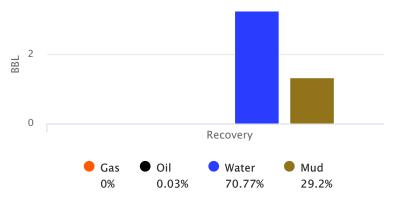
Total Recovered: 400 ft

Total Barrels Recovered: 4.6076643

Reversed Out
NO

Initial Hydrostatic Pressure	1848	PSI
Initial Flow	13 to 77	PSI
Initial Closed in Pressure	1313	PSI
Final Flow Pressure	80 to 195	PSI
Final Closed in Pressure	1282	PSI
Final Hydrostatic Pressure	1843	PSI
Temperature	134	°F
Pressure Change Initial	2.4	%
Close / Final Close		

Recovery at a glance





Operation:

Uploading recovery & pressures

DATE

August

04

2018

DST #1

Formation: Toronto/Lansing "A"

Test Interval: 3867 -

Total Depth: 3920'

SEC: 30 TWN: 2S RNG: 30W

Drilling Contractor: WW Drilling, LLC -

County: DECATUR State: Kansas

Elevation: 2882 GL

Job Number: 202

Field Name: Wildcat Pool: WILDCAT

Rig 8

3920'

Time On: 15:51 08/04 Time Off: 22:59 08/04

Time On Bottom: 17:53 08/04 Time Off Bottom: 20:33 08/04

BUCKET MEASUREMENT:

1st Open: Surface to 6 1/2 inch blow

1st Close: No BB

2nd Open: Surface to BOB 21 min.

2nd Close: No BB



SEC: 30 TWN: 2S RNG: 30W County: DECATUR

State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 2882 GL Field Name: Wildcat Pool: WILDCAT Job Number: 202

Operation:

Uploading recovery & pressures

DATE

August

04

2018

DST #1

Formation: Toronto/Lansing "A"

Test Interval: 3867 -

Total Depth: 3920'

3920'

Time On: 15:51 08/04

Time Off: 22:59 08/04

Time On Bottom: 17:53 08/04 Time Off Bottom: 20:33 08/04

Down Hole Makeup

Heads Up: 20.19 FT

Packer 1: 3861.8 FT

Drill Pipe: 3737.95 FT

Packer 2: 3866.8 FT

ID-3 1/2

Top Recorder: 3851.22 FT

Weight Pipe: 0 FT

Bottom Recorder: 3904 FT

ID-2 7/8

Collars: 116.47 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: 53.2

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 2 FT

4 1/2-FH

Change Over: 1 FT

Drill Pipe: (in anchor): 31.20 FT

ID-3 1/2

Change Over: 1 FT

17 FT

4 1/2-FH

Perforations: (below):



SEC: 30 TWN: 2S RNG: 30W County: DECATUR

State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 2882 GL Field Name: Wildcat Pool: WILDCAT Job Number: 202

Operation:
Uploading recovery & pressures

I

August **04** 2018

DATE

DST #1

Formation: Toronto/Lansing "A"

Test Interval: 3867 -

Total Depth: 3920'

3920'

Time On: 15:51 08/04 Time Off: 22:59 08/04

Time On Bottom: 17:53 08/04 Time Off Bottom: 20:33 08/04

Mud Properties

Mud Type: Chemical Weight: 9.1 Viscosity: 53 Filtrate: 6.0 Chlorides: 900 ppm



Operation:

Uploading recovery &

pressures

Company: Three Forks Resources, LLC

Lease: May Trust #2-30

SEC: 30 TWN: 2S RNG: 30W

County: DECATUR State: Kansas

Drilling Contractor: WW Drilling, LLC -

Rig 8

Elevation: 2882 GL Field Name: Wildcat Pool: WILDCAT Job Number: 202

DATE August 04 2018

DST #1

Formation: Toronto/Lansing "A" Test Interval: 3867 -

Total Depth: 3920'

3920'

Time On: 15:51 08/04 Time Off: 22:59 08/04

Time On Bottom: 17:53 08/04 Time Off Bottom: 20:33 08/04

Gas Volume Report

1st Open 2nd Open

Time	Orifice	PSI	MCF/D		Time	Orifice	PSI	MCF/D
------	---------	-----	-------	--	------	---------	-----	-------