

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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

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 #: _____

Spud Date or Recompletion Date _____ Date Reached TD _____ Completion Date or Recompletion Date _____

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

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: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
---	--	------------------------------------

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
----------------	-------	---------	------------	--

Form	ACO1 - Well Completion
Operator	Fossil Resources LLC
Well Name	SMITH 1
Doc ID	1418870

All Electric Logs Run

DIL
CDN
MICRO
SONIC
RAG

GLOBAL OIL FIELD SERVICES, LLC

3313

REMIT TO 24 S. Lincoln
Russell, KS 67665

SERVICE POINT: Russell KS

DATE <u>3-4-16</u>	SEC. <u>52</u>	TWP. <u>12 S</u>	RANGE <u>36 W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>11:15 AM</u>
LEASE <u>Smith</u>	WELL #. <u>1</u>	LOCATION <u>1/4 mi. west of Wilson, KS</u>			COUNTY <u>Logan</u>	STATE <u>KS</u>	
OLD OR NEW (CIRCLE ONE)		<u>CR 16025 to Topoka 2 East Normal</u>					

CONTRACTOR Royal Drilling Rig #1
 TYPE OF JOB Surface
 HOLE SIZE 12 7/8 T.D. 30-00'
 CASING SIZE 6 3/4 DEPTH 310-01'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX. MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG.
 PERFS
 DISPLACEMENT

EQUIPMENT
 PUMP TRUCK CEMENTER Cody
 # 409 HELPER Brad
 BULK TRUCK
 # 411 DRIVER Kris
 BULK TRUCK
 # DRIVER

OWNER Fossil Resources
 CEMENT AMOUNT ORDERED 190 sx 60/40 3% CC
2% gel

COMMON	@	_____
POZMIX	@	_____
GEL	@	_____
CHLORIDE	@	_____
ASC	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
HANDLING	@	_____
MILEAGE	@	_____
TOTAL		_____

REMARKS:
Ran 7 hrs of 6 3/4 casing + 6' bit Hooked Kelly
Established circulation. Hooked to pump truck mixed
190 sx of cement + displaced 150 hbl of H₂O
+ shale PA.
Cement did circulate to surface.

CHARGE TO: Fossil Resources
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	_____
PUMP TRUCK CHARGE	_____
EXTRA FOOTAGE	@ _____
MILEAGE	@ _____
MANIFOLD	@ _____
_____	@ _____
_____	@ _____
TOTAL	_____

PLUG & FLOAT EQUIPMENT

_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
TOTAL	_____

Global Oil Field Services, LLC
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Doug Budig
 SIGNATURE Doug Budig

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS

JOB LOG

SWIFT Services, Inc.

DATE 4-17-18 PAGE NO.

CUSTOMER Fossil Resources WELL NO. #1 LEASE Smith JOB TYPE Long String TICKET NO. 3889

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1200							On location
								Rtd - 4800
								Pipe - 4775
								Shoe - 19.78
								insert @ 4755
								Centralizers - 1, 7, 10, 14, 19, 28, 52, 69, 75, 82
								Baskets - 2, 24, 53
								Portcollar - 53 @ 2520
	1:00							Start running casing
	2:40							Break circ on Bottom
	3:10	2.5	7			0		Plug rat hole - 30 sts
	3:15	2.5	5			0		plug mouse hole - 20 sts
	3:20	6.5	12			400		pump mud flush - 500 gal
		6.5	20			400		pump Vol Spacer
	3:25	5	47.5			400		pump cement - 200 sts EA-2 @ 15.5ppg
	3:35							Drop plug wash p 4L
	3:40	7	0			400		Start Disp
	4:00	6	113			1000		land plug lift - 1000 psi land - 1500 psi
								Release psi Dry
								Job Complete
								Thanks David Zarek & Kirby

GLOBAL OIL FIELD SERVICES, LLC

3357

REMIT TO 24 S. Lincoln
Russell, KS 67665

SERVICE POINT: Russell

DATE <u>6-1-15</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Smith</u>	WELL #. <u>1</u>	LOCATION <u>W. 21 2 E</u>			COUNTY	STATE	<u>KS</u>
OLD OR NEW (CIRCLE ONE)							

CONTRACTOR Professional
 TYPE OF JOB Plug & Float
 HOLE SIZE _____ T.D. _____
 CASING SIZE _____ DEPTH _____
 TUBING SIZE 5 1/2 DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX. _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS _____
 DISPLACEMENT _____

OWNER _____
 CEMENT AMOUNT ORDERED Sum 6740 87.00 24.00

EQUIPMENT
 PUMP TRUCK # _____ CEMENTER Bill
 # _____ HELPER _____
 BULK TRUCK # _____ DRIVER Tom
 BULK TRUCK # _____ DRIVER _____

COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 ASC _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING _____ @ _____
 MILEAGE _____ @ _____
 TOTAL _____

REMARKS:

Plug & float 2007, 5 1/2" hole size, 100' depth, 100' casing, 100' tubing, 100' drill pipe, 100' tool joint, 100' pres. max., 100' meas. line, 100' shoe joint, 100' csg. left, 100' perfs, 100' displacement.

SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____ @ _____
 MILEAGE _____ @ _____
 MANIFOLD _____ @ _____
 _____ @ _____
 _____ @ _____

CHARGE TO: Fossil Rec.
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

_____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____

TOTAL _____

Global Oil Field Services, LLC
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME _____
 SIGNATURE _____

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS

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

August 20, 2018

Taylor Leiker
Fossil Resources LLC
111 W. 36TH ST.
HAYS, KS 67601

Re: ACO-1
API 15-109-21534-00-00
SMITH 1
NE/4 Sec.32-12S-36W
Logan County, Kansas

Dear Taylor Leiker:

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 03/04/2018 and the ACO-1 was received on August 17, 2018 (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



Company: Fossil Resources, LLC
Lease: Smith #1

SEC: 32 TWN: 12S RNG: 36W
 County: LOGAN
 State: Kansas
 Drilling Contractor: Royal Drilling, Inc - Rig 2
 Elevation: 3132 GL
 Field Name: Wildcat
 Pool: WILDCAT
 Job Number: 118

DATE
 April
09
 2018

DST #1 **Formation: Topeka** **Test Interval: 3614 - 3632'** **Total Depth: 3632'**

Time On: 05:56 04/09 Time Off: 12:18 04/09
 Time On Bottom: 07:55 04/09 Time Off Bottom: 10:40 04/09

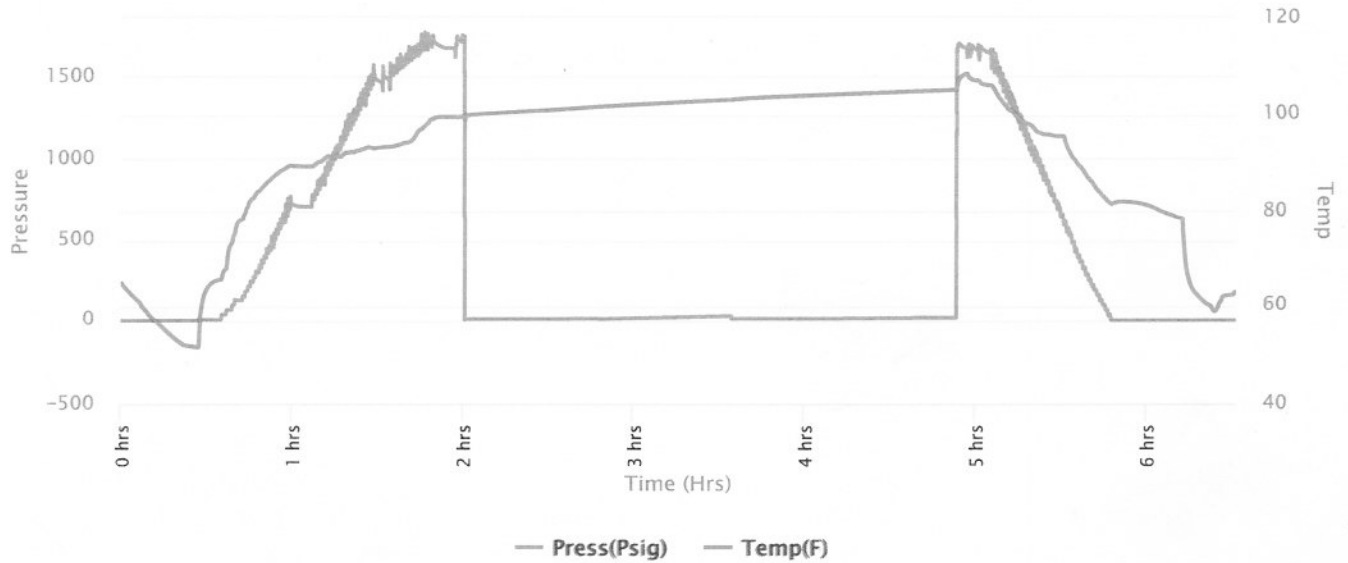
Electronic Volume Estimate:
 5'

1st Open
 Minutes: 45
 .5" at 45 min

1st Close
 Minutes: 45
 0" at 45 min

2nd Open
 Minutes: 30
 0" at 30 min

2nd Close
 Minutes: 45
 0" at 45 min





Company: Fossil Resources, LLC
Lease: Smith #1

SEC: 32 TWN: 12S RNG: 36W
 County: LOGAN
 State: Kansas
 Drilling Contractor: Royal Drilling, Inc - Rig 2
 Elevation: 3132 GL
 Field Name: Wildcat
 Pool: WILDCAT
 Job Number: 118

DATE
 April
09
 2018

DST #1 **Formation: Topeka** **Test Interval: 3614 - 3632'** **Total Depth: 3632'**

Time On: 05:56 04/09 Time Off: 12:18 04/09
 Time On Bottom: 07:55 04/09 Time Off Bottom: 10:40 04/09

Recovered

Foot	BBLs
1	0.0129

Description of Fluid

M

Gas %

0

Oil %

0

Water %

0

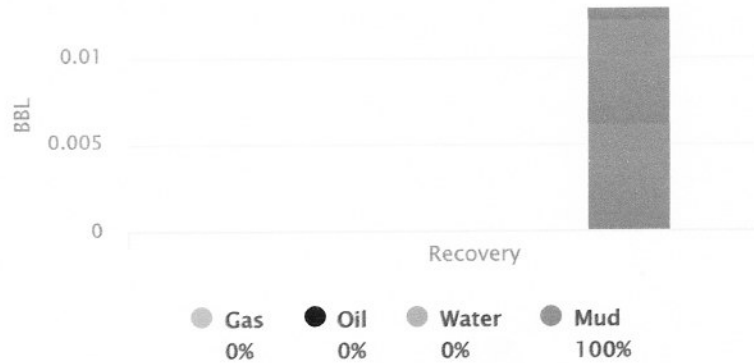
Mud %

100

Total Recovered: 1 ft
 Total Barrels Recovered: 0.0129

Reversed Out
 NO

Recovery at a glance



Initial Hydrostatic Pressure	1672	PSI
Initial Flow	4 to 11	PSI
Initial Closed in Pressure	27	PSI
Final Flow Pressure	10 to 11	PSI
Final Closed in Pressure	18	PSI
Final Hydrostatic Pressure	1672	PSI
Temperature	105	°F
Pressure Change Initial Close / Final Close	33.1	%



**Company: Fossil Resources,
LLC
Lease: Smith #1**

SEC: 32 TWN: 12S RNG: 36W
County: LOGAN
State: Kansas
Drilling Contractor: Royal Drilling, Inc -
Rig 2
Elevation: 3132 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 118

DATE April 09 2018

DST #1 Formation: Topeka Test Interval: 3614 - 3632' Total Depth: 3632'

Time On: 05:56 04/09 Time Off: 12:18 04/09
Time On Bottom: 07:55 04/09 Time Off Bottom: 10:40 04/09

REMARKS:

- 1O. WSB. Built to 1/2 in 30 mins
- 1C. NOBB
- 2O. No Blow
- 2C. NOBB

Tool Sample: 100 % M



**Company: Fossil Resources,
LLC
Lease: Smith #1**

SEC: 32 TWN: 12S RNG: 36W
County: LOGAN
State: Kansas
Drilling Contractor: Royal Drilling, Inc -
Rig 2
Elevation: 3132 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 118

DATE
April
09
2018

DST #1 **Formation: Topeka** **Test Interval: 3614 - 3632'** **Total Depth: 3632'**
 Time On: 05:56 04/09 Time Off: 12:18 04/09
 Time On Bottom: 07:55 04/09 Time Off Bottom: 10:40 04/09

Down Hole Makeup

Heads Up: 27.09 FT	Packer 1: 3609 FT
Drill Pipe: 3608.52 FT <i>ID-3 1/2</i>	Packer 2: 3614 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3598.42 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 3619 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 18	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 3 FT <i>4 1/2-FH</i>	
Change Over: 0 FT	
Drill Pipe: (in anchor): 0 FT <i>ID-3 1/2</i>	
Change Over: 0 FT	
Perforations: (below): 14 FT <i>4 1/2-FH</i>	



**Company: Fossil Resources,
LLC
Lease: Smith #1**

SEC: 32 TWN: 12S RNG: 36W
County: LOGAN
State: Kansas
Drilling Contractor: Royal Drilling, Inc -
Rig 2
Elevation: 3132 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 118

DATE April 09 2018

DST #1 **Formation: Topeka** **Test Interval: 3614 - 3632'** **Total Depth: 3632'**
Time On: 05:56 04/09 Time Off: 12:18 04/09
Time On Bottom: 07:55 04/09 Time Off Bottom: 10:40 04/09

Mud Properties

Mud Type: Chem **Weight:** 8.7 **Viscosity:** 67 **Filtrate:** 7.6 **Chlorides:** 9500 ppm



Company: Fossil Resources, LLC
Lease: Smith #1

SEC: 32 TWN: 12S RNG: 36W
 County: LOGAN
 State: Kansas
 Drilling Contractor: Royal Drilling, Inc - Rig 2
 Elevation: 3132 GL
 Field Name: Wildcat
 Pool: WILDCAT
 Job Number: 118

DATE
 April
09
 2018

DST #2 **Formation: Topeka** **Test Interval: 3618 - 3700'** **Total Depth: 3700'**
 Time On: 20:45 04/09 Time Off: 03:11 04/10
 Time On Bottom: 22:05 04/09 Time Off Bottom: 00:35 04/10

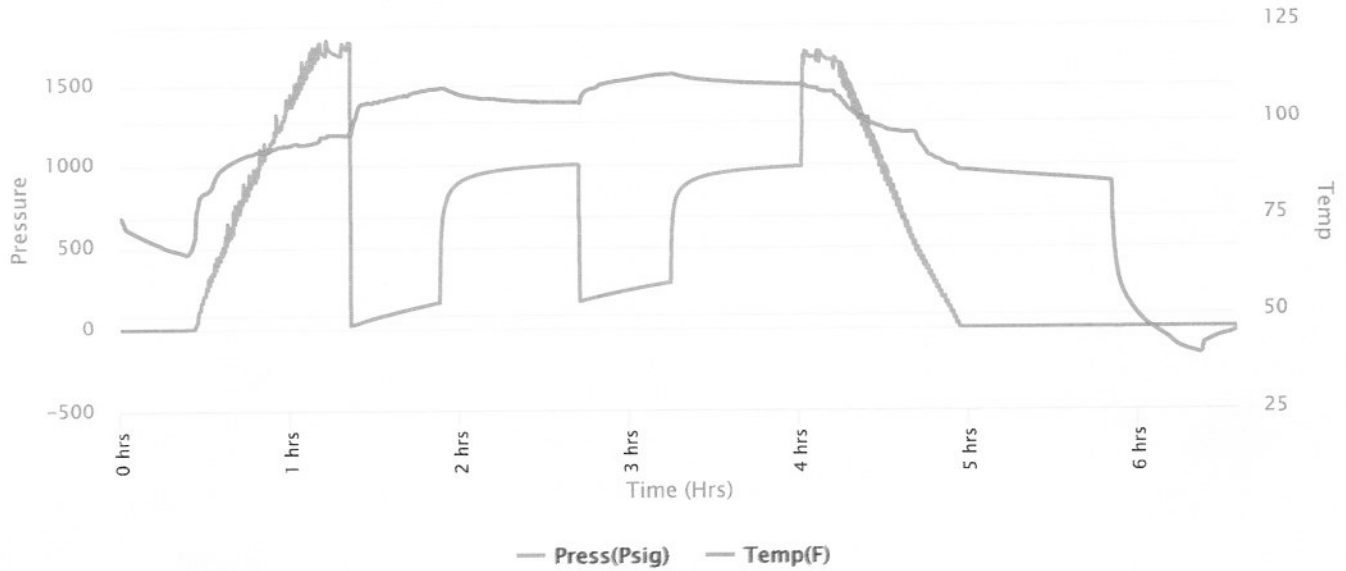
Electronic Volume Estimate:
 552'

1st Open
 Minutes: 30
 31.6" at 30 min

1st Close
 Minutes: 45
 0" at 45 min

2nd Open
 Minutes: 30
 26.1" at 30 min

2nd Close
 Minutes: 25
 0" at 25 min



SEC: 32 TWN: 12S RNG: 36W
 County: LOGAN
 State: Kansas
 Drilling Contractor: Royal Drilling, Inc - Rig 2

Company: Fossil Resources, LLC





Company: Fossil Resources, LLC
Lease: Smith #1

SEC: 32 TWN: 12S RNG: 36W
 County: LOGAN
 State: Kansas
 Drilling Contractor: Royal Drilling, Inc - Rig 2
 Elevation: 3132 GL
 Field Name: Wildcat
 Pool: WILDCAT
 Job Number: 118

DATE
 April
09
 2018

DST #2 **Formation: Topeka** **Test Interval: 3618 - 3700'** **Total Depth: 3700'**

Time On: 20:45 04/09 Time Off: 03:11 04/10
 Time On Bottom: 22:05 04/09 Time Off Bottom: 00:35 04/10

Recovered

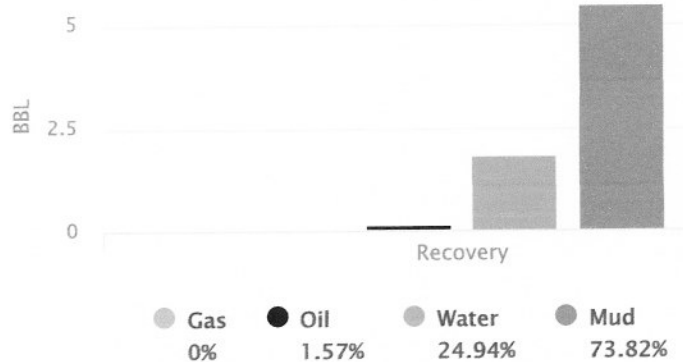
<u>Foot</u>	<u>BBLs</u>	<u>Description of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
139	1.7931	SLWCSLOCM	0	2	2	96
186	2.3994	SLOCHWCM	0	2	10	89
248	3.1992	SLOCHMCW	0	1	49	50

Total Recovered: 573 ft
 Total Barrels Recovered: 7.3917

Reversed Out
 NO

Initial Hydrostatic Pressure	1683	PSI
Initial Flow	24 to 160	PSI
Initial Closed in Pressure	1001	PSI
Final Flow Pressure	174 to 279	PSI
Final Closed in Pressure	986	PSI
Final Hydrostatic Pressure	1685	PSI
Temperature	113	°F
Pressure Change Initial Close / Final Close	1.5	%

Recovery at a glance





**Company: Fossil Resources,
LLC
Lease: Smith #1**

SEC: 32 TWN: 12S RNG: 36W
County: LOGAN
State: Kansas
Drilling Contractor: Royal Drilling, Inc -
Rig 2
Elevation: 3132 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 118

DATE April 09 2018

DST #2 Formation: Topeka Test Interval: 3618 - 3700' Total Depth: 3700'

Time On: 20:45 04/09 Time Off: 03:11 04/10
Time On Bottom: 22:05 04/09 Time Off Bottom: 00:35 04/10

REMARKS:

- 1O. 1/4" Blow. BOB in 9 mins
- 1C. NOBB
- 2O. 1/4" Blow. BOB in 11 mins
- 2C> NOBB

Tool Sample: 2% O 53% W 45% M

Ph: 7

RW: .56 @ 35 degrees F

Chlorides: 25,000 ppm



**Company: Fossil Resources,
LLC
Lease: Smith #1**

SEC: 32 TWN: 12S RNG: 36W
County: LOGAN
State: Kansas
Drilling Contractor: Royal Drilling, Inc -
Rig 2
Elevation: 3132 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 118

DATE
April
09
2018

DST #2 Formation: Topeka Test Interval: 3618 - 3700' Total Depth: 3700'
Time On: 20:45 04/09 Time Off: 03:11 04/10
Time On Bottom: 22:05 04/09 Time Off Bottom: 00:35 04/10

Down Hole Makeup

Heads Up: 24.07 FT	Packer 1: 3612.94 FT
Drill Pipe: 3609.44 FT <i>ID-3 1/2</i>	Packer 2: 3617.94 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 3602.36 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 3688 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH Jars Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 82.06	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 3 FT <i>4 1/2-FH</i>	
Change Over: .5 FT	
Drill Pipe: (in anchor): 63.56 FT <i>ID-3 1/2</i>	
Change Over: 1 FT	
Perforations: (below): 13 FT <i>4 1/2-FH</i>	



**Company: Fossil Resources,
LLC
Lease: Smith #1**

SEC: 32 TWN: 12S RNG: 36W
County: LOGAN
State: Kansas
Drilling Contractor: Royal Drilling, Inc -
Rig 2
Elevation: 3132 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 118

DATE April 09 2018

DST #2 Formation: Topeka Test Interval: 3618 - 3700' Total Depth: 3700'
Time On: 20:45 04/09 Time Off: 03:11 04/10
Time On Bottom: 22:05 04/09 Time Off Bottom: 00:35 04/10

Mud Properties

Mud Type: Chem Weight: 8.7 Viscosity: 58 Filtrate: 7.6 Chlorides: 8000 ppm



**Company: Fossil Resources,
LLC
Lease: Smith #1**

SEC: 32 TWN: 12S RNG: 36W
 County: LOGAN
 State: Kansas
 Drilling Contractor: Royal Drilling, Inc -
 Rig 2
 Elevation: 3132 GL
 Field Name: Wildcat
 Pool: WILDCAT
 Job Number: 118

DATE
April
09
2018

DST #2 Formation: Topeka Test Interval: 3618 - 3700' Total Depth: 3700'
 Time On: 20:45 04/09 Time Off: 03:11 04/10
 Time On Bottom: 22:05 04/09 Time Off Bottom: 00:35 04/10

Gas Volume Report

1st Open

2nd Open

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

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



Company: Fossil Resources, LLC
Lease: Smith #1

SEC: 32 TWN: 12S RNG: 36W
 County: LOGAN
 State: Kansas
 Drilling Contractor: Royal Drilling, Inc - Rig 2
 Elevation: 3132 GL
 Field Name: Wildcat
 Pool: WILDCAT
 Job Number: 118

DATE
 April
10
 2018

DST #3 **Formation: Lower Topkea** **Test Interval: 3755 - 3824'** **Total Depth: 3824'**
 Time On: 15:06 04/10 Time Off: 21:09 04/10
 Time On Bottom: 16:26 04/10 Time Off Bottom: 18:41 04/10

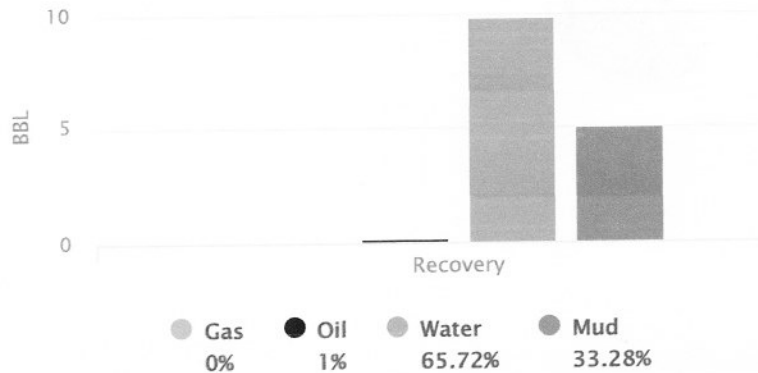
<u>Recovered</u>		<u>Description of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
<u>Foot</u>	<u>BBLs</u>					
417	5.3793	SLOCHWCM	0	1	45	54
496	6.3984	SLOCHMCW	0	1	69	30
248	3.1992	SLOCSLMCW	0	1	94	5

Total Recovered: 1161 ft
 Total Barrels Recovered: 14.9769

Reversed Out
 NO

Initial Hydrostatic Pressure	1754	PSI
Initial Flow	69 to 427	PSI
Initial Closed in Pressure	1115	PSI
Final Flow Pressure	439 to 577	PSI
Final Closed in Pressure	1117	PSI
Final Hydrostatic Pressure	1755	PSI
Temperature	121	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance





Company: Fossil Resources, LLC
Lease: Smith #1

SEC: 32 TWN: 12S RNG: 36W
 County: LOGAN
 State: Kansas
 Drilling Contractor: Royal Drilling, Inc - Rig 2
 Elevation: 3132 GL
 Field Name: Wildcat
 Pool: WILDCAT
 Job Number: 118

DATE
 April
10
 2018

DST #3 **Formation: Lower Topkea** **Test Interval: 3755 - 3824'** **Total Depth: 3824'**
 Time On: 15:06 04/10 Time Off: 21:09 04/10
 Time On Bottom: 16:26 04/10 Time Off Bottom: 18:41 04/10

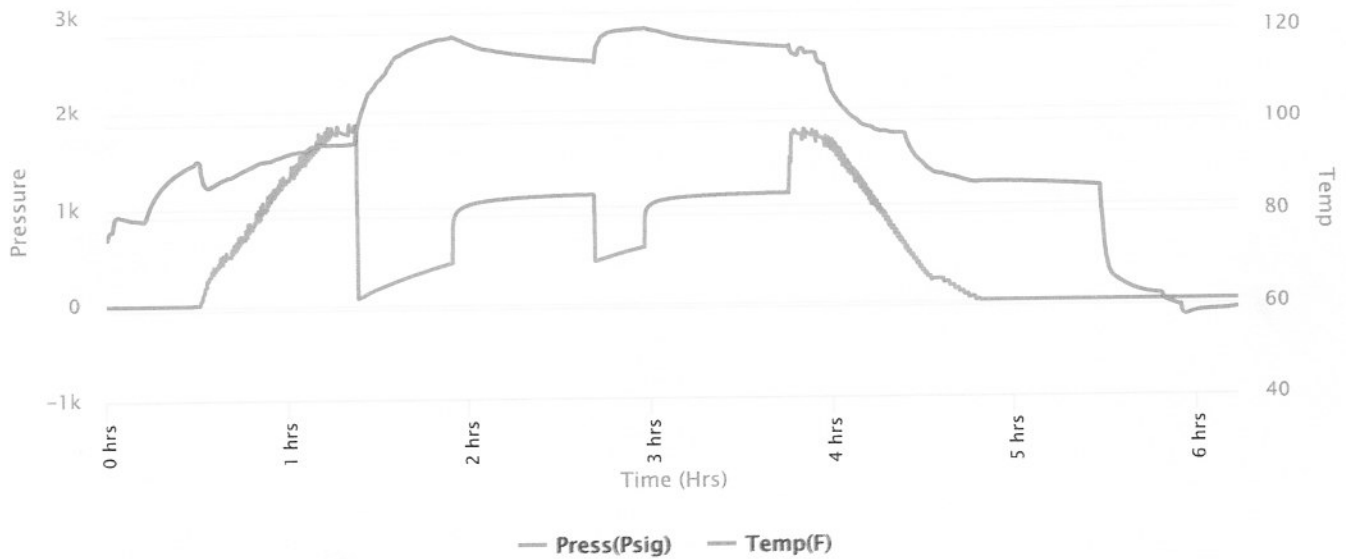
Electronic Volume Estimate:
 1405'

1st Open
 Minutes: 30
 105" at 30 min

1st Close
 Minutes: 45
 0" at 45 min

2nd Open
 Minutes: 15
 44.1" at 15 min

2nd Close
 Minutes: 45
 0" at 45 min





**Company: Fossil Resources,
LLC
Lease: Smith #1**

SEC: 32 TWN: 12S RNG: 36W
County: LOGAN
State: Kansas
Drilling Contractor: Royal Drilling, Inc -
Rig 2
Elevation: 3132 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 118

DATE April 10 2018

DST #3	Formation: Lower Topkea	Test Interval: 3755 - 3824'	Total Depth: 3824'
	Time On: 15:06 04/10	Time Off: 21:09 04/10	
	Time On Bottom: 16:26 04/10	Time Off Bottom: 18:41 04/10	

REMARKS:

- 1O. 1" Blow. BOB in 2 1/4 min
- 1C. NOBB
- 2O. 2" Blow. BOB in 3 mins
- 2C. NOBB

Tool Sample: 1 %O 96% W 3% M

Ph: 7

RW: .42 @ 55 degrees F

Chlorides: 24,000 ppm



**Company: Fossil Resources,
LLC
Lease: Smith #1**

SEC: 32 TWN: 12S RNG: 36W
County: LOGAN
State: Kansas
Drilling Contractor: Royal Drilling, Inc -
Rig 2
Elevation: 3132 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 118

DATE April 10 2018

DST #3 **Formation: Lower Topkea** **Test Interval: 3755 - 3824'** **Total Depth: 3824'**
Time On: 15:06 04/10 Time Off: 21:09 04/10
Time On Bottom: 16:26 04/10 Time Off Bottom: 18:41 04/10

Down Hole Makeup

Heads Up: 14.53 FT	Packer 1: 3750.25 FT
Drill Pipe: 3737.21 FT <i>ID-3 1/2</i>	Packer 2: 3755.25 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 3739.67 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 3794 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH Jars Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 68.75	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 3 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 31.75 FT <i>ID-3 1/2</i>	
Change Over: 1 FT	
Perforations: (below): 31 FT <i>4 1/2-FH</i>	



**Company: Fossil Resources,
LLC
Lease: Smith #1**

SEC: 32 TWN: 12S RNG: 36W
County: LOGAN
State: Kansas
Drilling Contractor: Royal Drilling, Inc -
Rig 2
Elevation: 3132 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 118

DATE April 10 2018

DST #3	Formation: Lower Topkea	Test Interval: 3755 - 3824'	Total Depth: 3824'
	Time On: 15:06 04/10	Time Off: 21:09 04/10	
	Time On Bottom: 16:26 04/10	Time Off Bottom: 18:41 04/10	

Mud Properties

Mud Type: Chem	Weight: 9	Viscosity: 67	Filtrate: 12	Chlorides: 16000 ppm
-----------------------	------------------	----------------------	---------------------	-----------------------------



**Company: Fossil Resources,
LLC
Lease: Smith #1**

SEC: 32 TWN: 12S RNG: 36W
 County: LOGAN
 State: Kansas
 Drilling Contractor: Royal Drilling, Inc -
 Rig 2
 Elevation: 3132 GL
 Field Name: Wildcat
 Pool: WILDCAT
 Job Number: 118

DATE
April
10
2018

DST #3 Formation: Lower Topkea Test Interval: 3755 - 3824' Total Depth: 3824'
 Time On: 15:06 04/10 Time Off: 21:09 04/10
 Time On Bottom: 16:26 04/10 Time Off Bottom: 18:41 04/10

Gas Volume Report

1st Open

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

2nd Open

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



**Company: Fossil Resources,
LLC
Lease: Smith #1**

SEC: 32 TWN: 12S RNG: 36W
County: LOGAN
State: Kansas
Drilling Contractor: Royal Drilling, Inc -
Rig 2
Elevation: 3132 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 118

DATE April 11 2018

DST #4	Formation: Lans C	Test Interval: 3944 - 3974'	Total Depth: 3974'
	Time On: 13:49 04/11	Time Off: 21:01 04/11	
	Time On Bottom: 15:33 04/11	Time Off Bottom: 19:03 04/11	

REMARKS:

- 1O. 1/4" Blow. Built to 11 1/4 inch in 45 mins
- 1C. NOBB
- 2O. WSB. Built to 10 3/4 inch blow
- 2C. NOBB

Tool Sample: 1% O 89% W 10% M

Ph: 7

RW: .47 @ 68 degrees F

Chlorides: 20,000 ppm



**Company: Fossil Resources,
LLC
Lease: Smith #1**

SEC: 32 TWN: 12S RNG: 36W
County: LOGAN
State: Kansas
Drilling Contractor: Royal Drilling, Inc -
Rig 2
Elevation: 3132 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 118

<p>DATE April 11 2018</p>

DST #4 Formation: Lans C Test Interval: 3944 - 3974' Total Depth: 3974'

Time On: 13:49 04/11 Time Off: 21:01 04/11
Time On Bottom: 15:33 04/11 Time Off Bottom: 19:03 04/11

Down Hole Makeup

Heads Up: 14.44 FT	Packer 1: 3939 FT
Drill Pipe: 3925.87 FT <i>ID-3 1/2</i>	Packer 2: 3944 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 3928.42 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 3947 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 30	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 1 FT <i>4 1/2-FH</i>	
Change Over: 0 FT	
Drill Pipe: (in anchor): 0 FT <i>ID-3 1/2</i>	
Change Over: 0 FT	
Perforations: (below): 28 FT <i>4 1/2-FH</i>	



**Company: Fossil Resources,
LLC
Lease: Smith #1**

SEC: 32 TWN: 12S RNG: 36W
County: LOGAN
State: Kansas
Drilling Contractor: Royal Drilling, Inc -
Rig 2
Elevation: 3132 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 118

DATE April 11 2018

DST #4 Formation: Lans C Test Interval: 3944 - 3974' Total Depth: 3974'
Time On: 13:49 04/11 Time Off: 21:01 04/11
Time On Bottom: 15:33 04/11 Time Off Bottom: 19:03 04/11

Mud Properties

Mud Type: Chem Weight: 8.9 Viscosity: 51 Filtrate: 10.4 Chlorides: 14000 ppm



Company: Fossil Resources, LLC
Lease: Smith #1

SEC: 32 TWN: 12S RNG: 36W
 County: LOGAN
 State: Kansas
 Drilling Contractor: Royal Drilling, Inc - Rig 2
 Elevation: 3132 GL
 Field Name: Wildcat
 Pool: WILDCAT
 Job Number: 118

DATE
 April
11
 2018

DST #4 Formation: Lans C Test Interval: 3944 - 3974' Total Depth: 3974'

Time On: 13:49 04/11 Time Off: 21:01 04/11
 Time On Bottom: 15:33 04/11 Time Off Bottom: 19:03 04/11

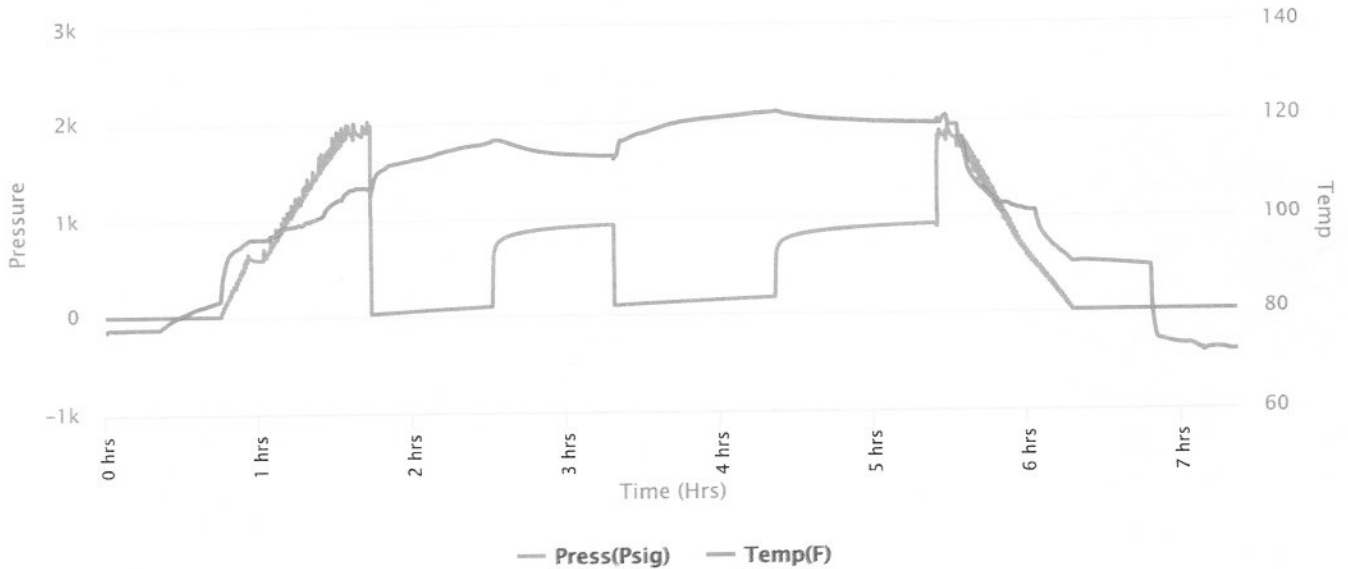
Electronic Volume Estimate:
 233'

1st Open
 Minutes: 45
 11.3" at 45 min

1st Close
 Minutes: 45
 0" at 45 min

2nd Open
 Minutes: 60
 10.6" at 60 min

2nd Close
 Minutes: 60
 0" at 60 min





Company: Fossil Resources, LLC
Lease: Smith #1

SEC: 32 TWN: 12S RNG: 36W
 County: LOGAN
 State: Kansas
 Drilling Contractor: Royal Drilling, Inc - Rig 2
 Elevation: 3132 GL
 Field Name: Wildcat
 Pool: WILDCAT
 Job Number: 118

DATE
 April
11
 2018

DST #4 **Formation: Lans C** **Test Interval: 3944 - 3974'** **Total Depth: 3974'**
 Time On: 13:49 04/11 Time Off: 21:01 04/11
 Time On Bottom: 15:33 04/11 Time Off Bottom: 19:03 04/11

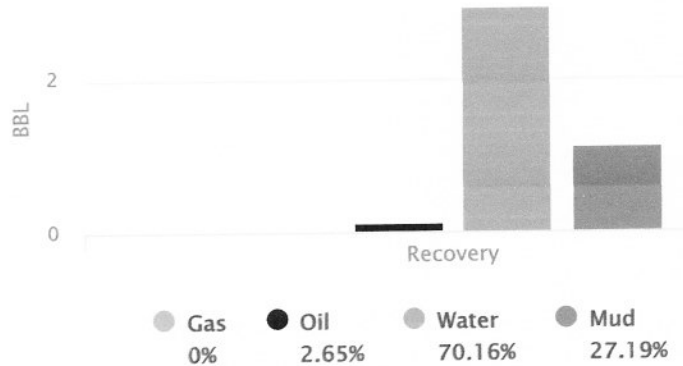
<u>Recovered</u>		<u>Description of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
<u>Foot</u>	<u>BBLs</u>					
1	0.0129	O	0	100	0	0
72	0.9288	SLOCWCM	0	7	20	73
248	3.1992	SLOCMLCW	0	1	85	14

Total Recovered: 321 ft
 Total Barrels Recovered: 4.1409

Reversed Out
 NO

Initial Hydrostatic Pressure	1868	PSI
Initial Flow	15 to 81	PSI
Initial Closed in Pressure	931	PSI
Final Flow Pressure	84 to 159	PSI
Final Closed in Pressure	901	PSI
Final Hydrostatic Pressure	1871	PSI
Temperature	122	°F
Pressure Change Initial Close / Final Close	3.3	%

Recovery at a glance





Company: Fossil Resources, LLC
Lease: Smith #1

SEC: 32 TWN: 12S RNG: 36W
 County: LOGAN
 State: Kansas
 Drilling Contractor: Royal Drilling, Inc - Rig 2
 Elevation: 3132 GL
 Field Name: Wildcat
 Pool: WILDCAT
 Job Number: 118

DATE
 April
12
 2018

DST #5 **Formation: Lans D** **Test Interval: 3978 - 3990'** **Total Depth: 3990'**

Time On: 04:14 04/12 Time Off: 10:34 04/12
 Time On Bottom: 05:41 04/12 Time Off Bottom: 08:11 04/12

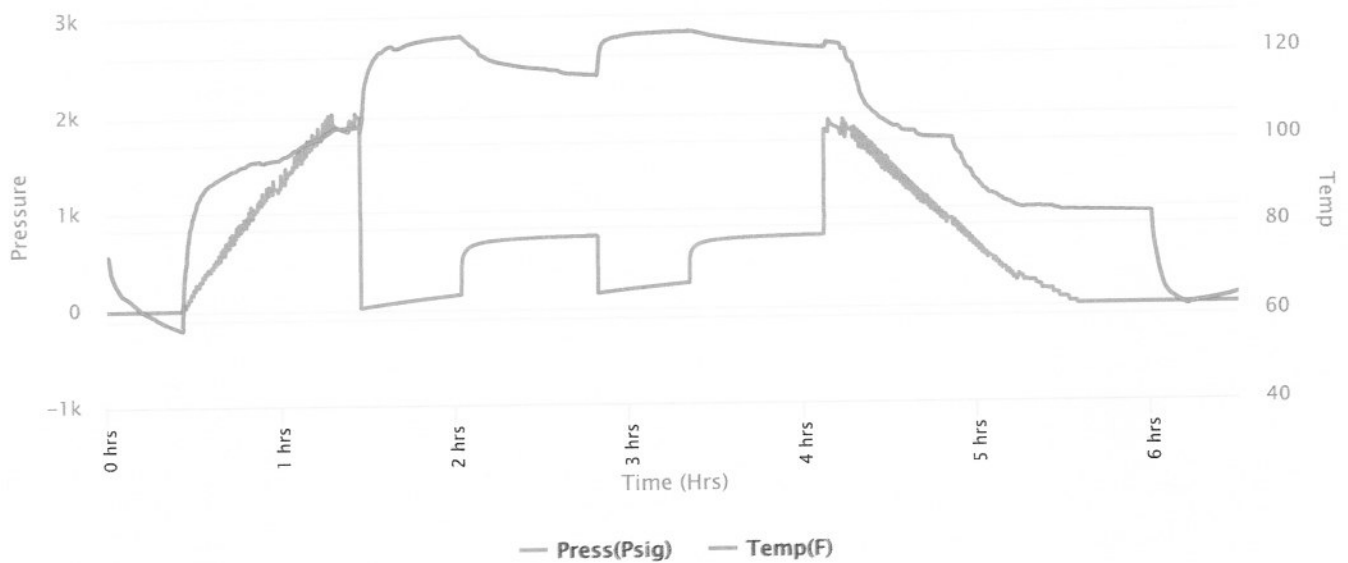
Electronic Volume Estimate:
 472'

1st Open
 Minutes: 30
 26" at 30 min

1st Close
 Minutes: 45
 0" at 45 min

2nd Open
 Minutes: 30
 18.6" at 30 min

2nd Close
 Minutes: 45
 0" at 45 min





Company: Fossil Resources, LLC
Lease: Smith #1

SEC: 32 TWN: 12S RNG: 36W
 County: LOGAN
 State: Kansas
 Drilling Contractor: Royal Drilling, Inc - Rig 2
 Elevation: 3132 GL
 Field Name: Wildcat
 Pool: WILDCAT
 Job Number: 118

DATE
 April
12
 2018

DST #5 **Formation: Lans D** **Test Interval: 3978 - 3990'** **Total Depth: 3990'**

Time On: 04:14 04/12 Time Off: 10:34 04/12
 Time On Bottom: 05:41 04/12 Time Off Bottom: 08:11 04/12

Recovered

Foot	BBLs
506	6.5274

Description of Fluid
 SLMCW

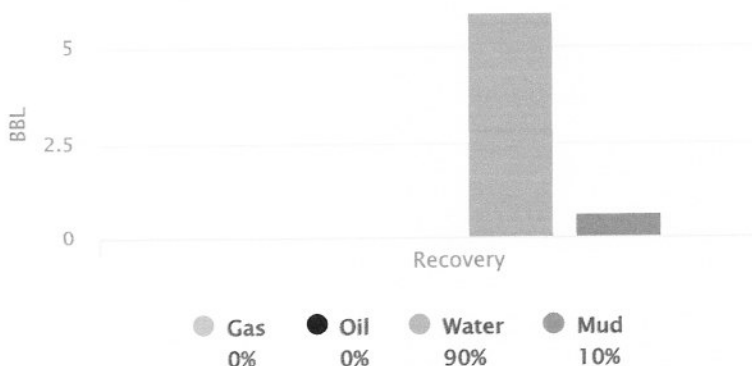
Gas %	Oil %	Water %	Mud %
0	0	90	10

Total Recovered: 506 ft
 Total Barrels Recovered: 6.5274

Reversed Out
 NO

Initial Hydrostatic Pressure	1843	PSI
Initial Flow	18 to 139	PSI
Initial Closed in Pressure	722	PSI
Final Flow Pressure	146 to 240	PSI
Final Closed in Pressure	712	PSI
Final Hydrostatic Pressure	1837	PSI
Temperature	125	°F
Pressure Change Initial Close / Final Close	1.5	%

Recovery at a glance





**Company: Fossil Resources,
LLC
Lease: Smith #1**

SEC: 32 TWN: 12S RNG: 36W
County: LOGAN
State: Kansas
Drilling Contractor: Royal Drilling, Inc -
Rig 2
Elevation: 3132 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 118

DATE April 12 2018

DST #5	Formation: Lans D	Test Interval: 3978 - 3990'	Total Depth: 3990'
	Time On: 04:14 04/12	Time Off: 10:34 04/12	
	Time On Bottom: 05:41 04/12	Time Off Bottom: 08:11 04/12	

REMARKS:

- 1O. 1/4" Blow. BOB in 12 1/4 mins
- 1C. NOBB
- 2O. 1/2" Blow. BOB in 17 1/4 mins
- 2C. NOBB

Tool Sample: 97 % W 3% M

Ph: 8

RW: .53 @ 42 degrees F

Chlorides: 20,000 ppm



**Company: Fossil Resources,
LLC
Lease: Smith #1**

SEC: 32 TWN: 12S RNG: 36W
 County: LOGAN
 State: Kansas
 Drilling Contractor: Royal Drilling, Inc -
 Rig 2
 Elevation: 3132 GL
 Field Name: Wildcat
 Pool: WILDCAT
 Job Number: 118

DATE April 12 2018

DST #5 Formation: Lans D Test Interval: 3978 - 3990' Total Depth: 3990'

Time On: 04:14 04/12 Time Off: 10:34 04/12
 Time On Bottom: 05:41 04/12 Time Off Bottom: 08:11 04/12

Down Hole Makeup

Heads Up: 12.39 FT	Packer 1: 3973 FT
Drill Pipe: 3957.82 FT <i>ID-3 1/2</i>	Packer 2: 3978 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 3962.42 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 3983 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 12	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 3 FT <i>4 1/2-FH</i>	
Change Over: 0 FT	
Drill Pipe: (in anchor): 0 FT <i>ID-3 1/2</i>	
Change Over: 0 FT	
Perforations: (below): 8 FT <i>4 1/2-FH</i>	



**Company: Fossil Resources,
LLC**
Lease: Smith #1

SEC: 32 TWN: 12S RNG: 36W
County: LOGAN
State: Kansas
Drilling Contractor: Royal Drilling, Inc -
Rig 2
Elevation: 3132 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 118

DATE
April
12
2018

DST #5 Formation: Lans D Test Interval: 3978 - 3990' Total Depth: 3990'
Time On: 04:14 04/12 Time Off: 10:34 04/12
Time On Bottom: 05:41 04/12 Time Off Bottom: 08:11 04/12

Gas Volume Report

1st Open

2nd Open

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

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



Company: Fossil Resources, LLC
Lease: Smith #1

SEC: 32 TWN: 12S RNG: 36W
 County: LOGAN
 State: Kansas
 Drilling Contractor: Royal Drilling, Inc - Rig 2
 Elevation: 3132 GL
 Field Name: Wildcat
 Pool: WILDCAT
 Job Number: 118

DATE
 April
13
 2018

DST #6 **Formation: Pleasanton** **Test Interval: 4242 - 4270'** **Total Depth: 4270'**
 Time On: 18:04 04/13 Time Off: 02:49 04/14
 Time On Bottom: 20:40 04/13 Time Off Bottom: 23:40 04/13

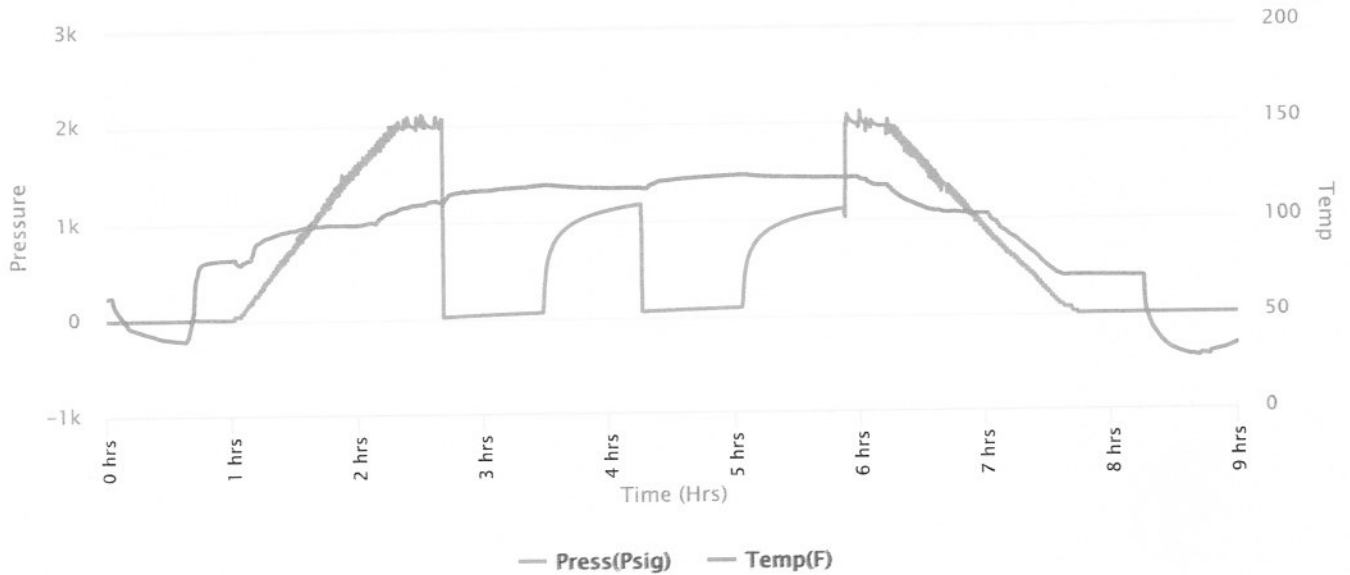
Electronic Volume Estimate:
 150'

1st Open
 Minutes: 45
 7.8" at 45 min

1st Close
 Minutes: 45
 0" at 45 min

2nd Open
 Minutes: 45
 5.2" at 45 min

2nd Close
 Minutes: 45
 0" at 45 min





Company: Fossil Resources, LLC
Lease: Smith #1

SEC: 32 TWN: 12S RNG: 36W
 County: LOGAN
 State: Kansas
 Drilling Contractor: Royal Drilling, Inc - Rig 2
 Elevation: 3132 GL
 Field Name: Wildcat
 Pool: WILDCAT
 Job Number: 118

DATE
 April
13
 2018

DST #6

Formation:
 Pleasanton

Test Interval: 4242 -
 4270'

Total Depth: 4270'

Time On: 18:04 04/13

Time Off: 02:49 04/14

Time On Bottom: 20:40 04/13

Time Off Bottom: 23:40 04/13

Recovered

Foot	BBLs
42	0.5418
123	1.5867

Description of Fluid

SLOCHWCM
 SLOCMCW

Gas %

-1
 0

Oil %

1
 1

Water %

35
 70

Mud %

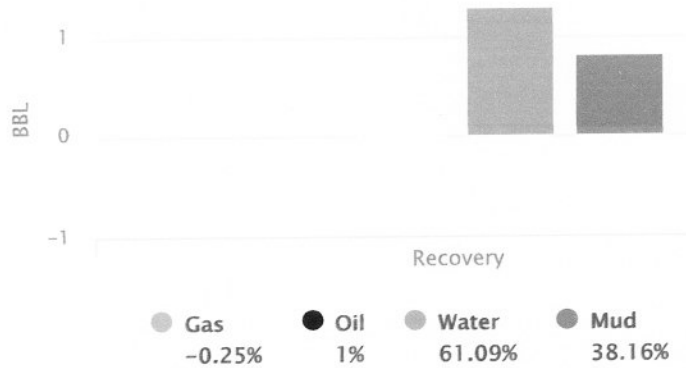
65
 29

Total Recovered: 165 ft
 Total Barrels Recovered: 2.1285

Reversed Out
 NO

Initial Hydrostatic Pressure	1978	PSI
Initial Flow	13 to 52	PSI
Initial Closed in Pressure	1171	PSI
Final Flow Pressure	55 to 88	PSI
Final Closed in Pressure	1112	PSI
Final Hydrostatic Pressure	1978	PSI
Temperature	123	°F
Pressure Change Initial Close / Final Close	5.1	%

Recovery at a glance





**Company: Fossil Resources,
LLC
Lease: Smith #1**

SEC: 32 TWN: 12S RNG: 36W
County: LOGAN
State: Kansas
Drilling Contractor: Royal Drilling, Inc -
Rig 2
Elevation: 3132 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 118

DATE April 13 2018

DST #6

**Formation:
Pleasanton**

**Test Interval: 4242 -
4270'**

Total Depth: 4270'

Time On: 18:04 04/13

Time Off: 02:49 04/14

Time On Bottom: 20:40 04/13

Time Off Bottom: 23:40 04/13

REMARKS:

- 1O. 1/4" Blow. Built to 7 3/4 inch 45 mins
- 1C. NOBB
- 2O. WSB. Built to 5 1/4 inch in 45 mins.
- 2C. NOBB

Tool Sample: 75 % W 25 % M

Ph: 7

RW: .79 @ 24 degrees F

Chlorides: 25,000 ppm



**Company: Fossil Resources,
LLC
Lease: Smith #1**

SEC: 32 TWN: 12S RNG: 36W
County: LOGAN
State: Kansas
Drilling Contractor: Royal Drilling, Inc -
Rig 2
Elevation: 3132 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 118

DATE April 13 2018

DST #6	Formation: Pleasanton	Test Interval: 4242 - 4270'	Total Depth: 4270'
	Time On: 18:04 04/13	Time Off: 02:49 04/14	
	Time On Bottom: 20:40 04/13	Time Off Bottom: 23:40 04/13	

Down Hole Makeup

Heads Up: 5.91 FT	Packer 1: 4237 FT
Drill Pipe: 4215.34 FT <i>ID-3 1/2</i>	Packer 2: 4242 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 4226.42 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 4247 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 28	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 3 FT <i>4 1/2-FH</i>	
Change Over: 0 FT	
Drill Pipe: (in anchor): 0 FT <i>ID-3 1/2</i>	
Change Over: 0 FT	
Perforations: (below): 24 FT <i>4 1/2-FH</i>	



**Company: Fossil Resources,
LLC
Lease: Smith #1**

SEC: 32 TWN: 12S RNG: 36W
County: LOGAN
State: Kansas
Drilling Contractor: Royal Drilling, Inc -
Rig 2
Elevation: 3132 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 118

DATE April 13 2018

DST #6

**Formation:
Pleasanton**

**Test Interval: 4242 -
4270'**

Total Depth: 4270'

Time On: 18:04 04/13

Time Off: 02:49 04/14

Time On Bottom: 20:40 04/13

Time Off Bottom: 23:40 04/13

Mud Properties

Mud Type: Chem

Weight: 8.8

Viscosity: 54

Filtrate: 8

Chlorides: 14000 ppm

