

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 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
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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)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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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:	
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FRANKS Oilfield Service, LLC

815 Main Street
Victoria, KS 67671

Office (785) 639-3949
24 Hour Service Line (785) 639-7269

Email: franksoilfield@yahoo.com

Invoice

Date	Invoice #
7/22/2021	0366

Please Pay from this Invoice.
Remit Payment to:
815 Main Street
Victoria, KS 67671
Billing Questions-Call Tianna at
(785) 639-3949

Bill To
Bitter Spar LLC 2250 N Rock Road Wichita, KS 67226

County/State	Lease/Well#	Terms	Job Type
Graham County, KS	Pfeifer #33-1	Net 30	Surface

Description	Quantity	Rate	Amount
Pump Charge	1	1,150.00	1,150.00
Mileage	28	6.50	182.00
Ton Mileage (min.)	1	600.00	600.00
Surface Blend	150	24.50	3,675.00T
30% Discount		-1,682.10	-1,682.10

Thank you!

ENTERED AUG 17 2021

Accounts Due Net 10th. 1-1/2% Per Month on all Past Due Accounts. 18% Annual Rate.	Subtotal	\$3,924.90
We appreciate your business and look forward to serving you again!	Sales Tax (7.5%)	\$192.94
	Balance Due	\$4,117.84

FRANKS Oilfield Service

◆ 815 Main Street Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269
 ◆ Office Phone (785) 639-3949 ◆ Email: franksoilfield@yahoo.com

TICKET NUMBER 0366
 LOCATION Hoxie KS
 FOREMAN Tom Williams

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
07-22-21	4247	Pfeifer #33-1	33	9	25 W	Graham
CUSTOMER <u>Bitter Spar LLC</u>			TRUCK #			
MAILING ADDRESS <u>2250 No Rock Road KNO 115-1</u>			DRIVER <u>Tom W.</u>		TRUCK #	
CITY <u>Wichita</u>			DRIVER <u>Jack T.</u>		TRUCK #	
STATE <u>KS</u>			DRIVER		TRUCK #	
ZIP CODE <u>67226</u>			DRIVER		TRUCK #	
JOB TYPE <u>Surface</u>	HOLE SIZE <u>12 1/4"</u>	HOLE DEPTH <u>212'</u>	CASING SIZE & WEIGHT <u>9 5/8" 23#</u>			
CASING DEPTH	DRILL PIPE	TUBING	OTHER			
SLURRY WEIGHT <u>14.8</u>	SLURRY VOL <u>1.41</u>	WATER gal/sk	CEMENT LEFT in CASING			
DISPLACEMENT <u>11.5 Bbl</u>	DISPLACEMENT PSI	MIX PSI	RATE			
REMARKS: <u>safety meeting + rig up on Murfin Rig #8. Circulate casing + mix 150sx class A 3% cc 29gel. Cement did circulate shut in Racked up + moved off</u>						

Thanks Tom + Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PL002	1	PUMP CHARGE	\$1150.00	\$1150.00
MO01	28	MILEAGE	\$6.50	\$182.00
MO02	7.4 tons	Ton mileage	\$600.00	\$4600.00
LB004	150 sx	Class A Surface blend	\$24.50	\$3,675.00
			sub total	\$5,107.00
			less 30% disc.	\$1,482.10
			sub total	\$3,924.90
			SALES TAX	192.94
			ESTIMATED TOTAL	4117.84

AUTHORIZATION [Signature] TITLE Tool Pusher DATE 2-22-21

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



Company: Bitter Spar LLC
Lease: Walsh #32-2

SEC: 32 TWN: 10S RNG: 25W
 County: GRAHAM
 State: Kansas
 Drilling Contractor: Murfin Drilling
 Company, Inc - Rig 8
 Elevation: 2423 EGL
 Field Name: Foxfire
 Pool: Infield
 Job Number: 494
 API #: 15-065-24198

Operation:
 Uploading recovery &
 pressures

DATE
 September
07
 2021

DST #1 Formation: LKC "D" Test Interval: 3820 - 3837' Total Depth: 3837'

Time On: 18:08 09/07 Time Off: 01:39 09/08
 Time On Bottom: 21:20 09/07 Time Off Bottom: 23:20 09/07

Electronic Volume
 Estimate:
 6'

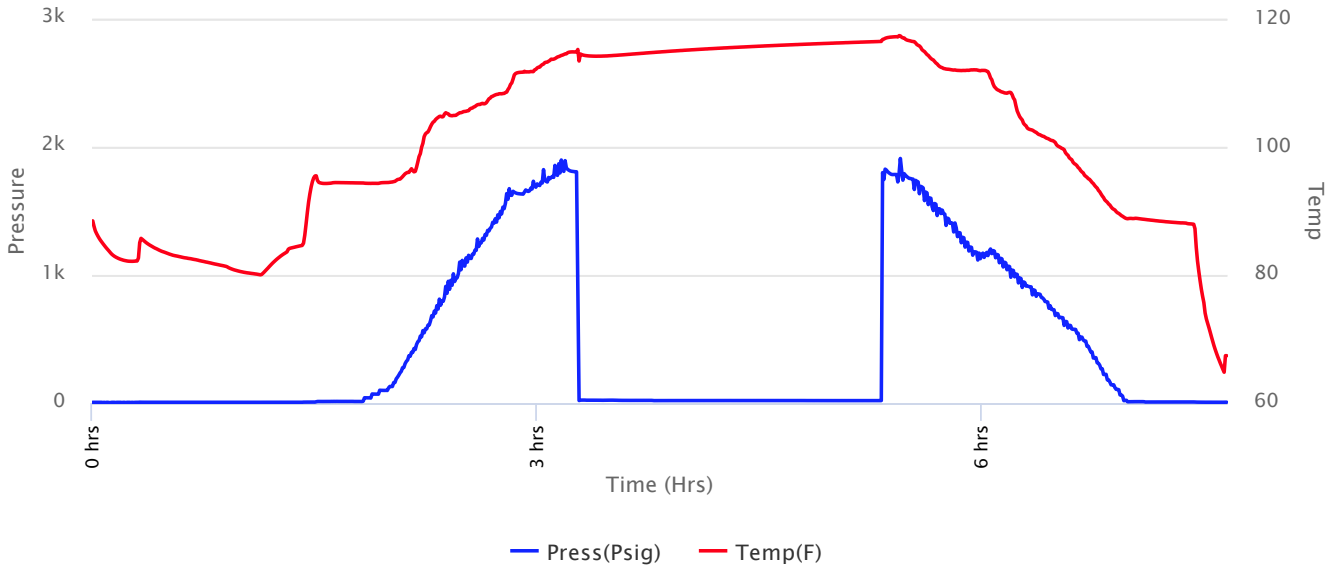
1st Open
 Minutes: 30
 Current Reading:
 .2" at 30 min
 Max Reading: .2"

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

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

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

Inside Recorder





Company: Bitter Spar LLC
Lease: Walsh #32-2

SEC: 32 TWN: 10S RNG: 25W
 County: GRAHAM
 State: Kansas
 Drilling Contractor: Murfin Drilling Company, Inc - Rig 8
 Elevation: 2423 EGL
 Field Name: Foxfire
 Pool: Infield
 Job Number: 494
 API #: 15-065-24198

Operation:
 Uploading recovery & pressures

DATE
 September
07
 2021

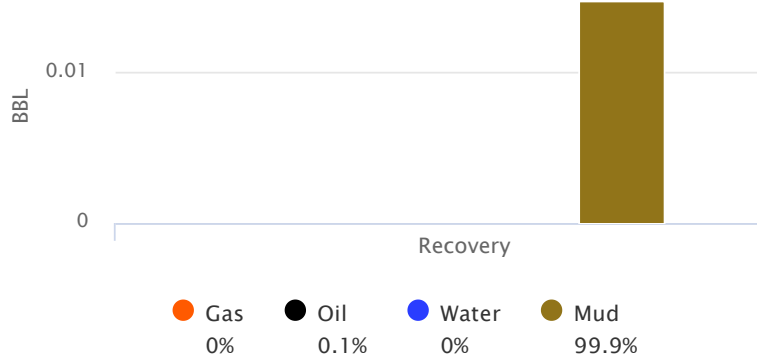
DST #1 **Formation: LKC "D"** **Test Interval: 3820 - 3837'** **Total Depth: 3837'**
 Time On: 18:08 09/07 Time Off: 01:39 09/08
 Time On Bottom: 21:20 09/07 Time Off Bottom: 23:20 09/07

Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
3	0.01476	M (trace O)	0	.1	0	99.9

Total Recovered: 3 ft
 Total Barrels Recovered: 0.01476

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	1809	PSI
Initial Flow	23 to 22	PSI
Initial Closed in Pressure	20	PSI
Final Flow Pressure	20 to 20	PSI
Final Closed in Pressure	20	PSI
Final Hydrostatic Pressure	1785	PSI
Temperature	117	°F
Pressure Change Initial Close / Final Close	2.5	%

GIP cubic foot volume: 0



Company: Bitter Spar LLC
Lease: Walsh #32-2

SEC: 32 TWN: 10S RNG: 25W
County: GRAHAM
State: Kansas
Drilling Contractor: Murfin Drilling
Company, Inc - Rig 8
Elevation: 2423 EGL
Field Name: Foxfire
Pool: Infield
Job Number: 494
API #: 15-065-24198

Operation:
Uploading recovery &
pressures

DATE
September
07
2021

DST #1 Formation: LKC "D" Test Interval: 3820 - Total Depth: 3837'
3837'
Time On: 18:08 09/07 Time Off: 01:39 09/08
Time On Bottom: 21:20 09/07 Time Off Bottom: 23:20 09/07

BUCKET MEASUREMENT:

1st Open: Surface Blow built to 1/4" over 30 minutes.

1st Close: No Return Blow.

2nd Open: No Blow

2nd Close: No Return Blow

REMARKS:

Tool Sample: 0% Gas .1% Oil 0% Water 99.9% Mud



Company: Bitter Spar LLC
Lease: Walsh #32-2

SEC: 32 TWN: 10S RNG: 25W
County: GRAHAM
State: Kansas
Drilling Contractor: Murfin Drilling
Company, Inc - Rig 8
Elevation: 2423 EGL
Field Name: Foxfire
Pool: Infield
Job Number: 494
API #: 15-065-24198

Operation:
Uploading recovery &
pressures

DATE
September
07
2021

DST #1 Formation: LKC "D" Test Interval: 3820 - Total Depth: 3837'
3837'

Time On: 18:08 09/07 Time Off: 01:39 09/08
Time On Bottom: 21:20 09/07 Time Off Bottom: 23:20 09/07

Mud Properties

Mud Type: Chem. **Weight:** 8.8 **Viscosity:** 55 **Filtrate:** 5.4 **Chlorides:** 1900 ppm



Company: Bitter Spar LLC
Lease: Walsh #32-2

SEC: 32 TWN: 10S RNG: 25W
County: GRAHAM
State: Kansas
Drilling Contractor: Murfin Drilling
Company, Inc - Rig 8
Elevation: 2423 EGL
Field Name: Foxfire
Pool: Infield
Job Number: 494
API #: 15-065-24198

Operation:
Uploading recovery &
pressures

DATE
September
08
2021

DST #2	Formation: LKC "H,I,J"	Test Interval: 3902 - 3963'	Total Depth: 3963'
	Time On: 16:02 09/08	Time Off: 00:06 09/09	
	Time On Bottom: 18:46 09/08	Time Off Bottom: 21:31 09/08	

BUCKET MEASUREMENT:

1st Open: 1/4" Blow built to 1-3/4" over 30 min.

1st Close: No Return Blow.

2nd Open: Surface Blow built to 5" over 45 min.

2nd Close: No Return Blow

REMARKS:

Tool Sample: 0% Gas 35% Oil 0% Water 65% Mud

Operator: Bitter Spar LLC
 Address: 2250 No. Rock Road, No. 118-I
 Wichita, KS 67226 USA
 P/316-461-8127

Thomas G. Pronold
 Consulting Petroleum Geologist
 2250 No. Rock Road, No. 118-I
 Wichita, KS 67226
 Mob/316-461-8127
 tpronold@sbcglobal.net

Well Name: Walsh 32-2
 Location: 1550' FSL & 398' FEL Sec. 32 T10S R25W, Graham Co., KS
 API No.: 15-065-24198
 Field Name: Foxfire
 Spud Date: 09/03/2021 Drilling Completed: 09/09/2021
 Bottom Hole Location: As above
 Ground Level: 2455' (Before location was built) KB Elevation: 2460'
 Logged Interval: 3400' TO: 4070'
 Drilling Fluid Type: Freshwater/Gel to 3400', Chemical/Gel to 4070'

DST #1 Lansing 'D' 3820-3837 30"-30"-30"-30" Initial Open: Weak blow, built to 1/4", Final open: No blow Rec. 3' M, IHP 1809, IFP 23-22#, ISIP 20#, FFP 20-20#, FSIP 20#, FHP 1785, BHT 117 deg F

DST #2 Lansing 'H-I-J' 3902-3963 30"-30"-45"-60" Initial Open: Weak blow, built to 1 3/4", Final open: Weak blow, built to 5", Rec. 660 OCM(80% M 20% O), IHP 1847#, IFP 26-29#, ISIP 154#, FFP 36-40#, FSIP 293#, FHP 1805, BHT 119 deg F

COMMENTS
 09/03/21 MIRU Murfin Drilling Rig 8. Spud 12 1/4" Surface hole. Drilling 12 1/4" Surface hole at 220'. 09/04/21. Drilling 280' 09/05/21 Drilling at 1925'. 09/06/21 Drilling ahead at 3015'. 09/07/21 Drilling ahead at 3770'. 09/08/2021 Drilling ahead at 3855'. 09/09/21 . 09/09/21 Drilling at 3995' Drilling complete at 4070'.

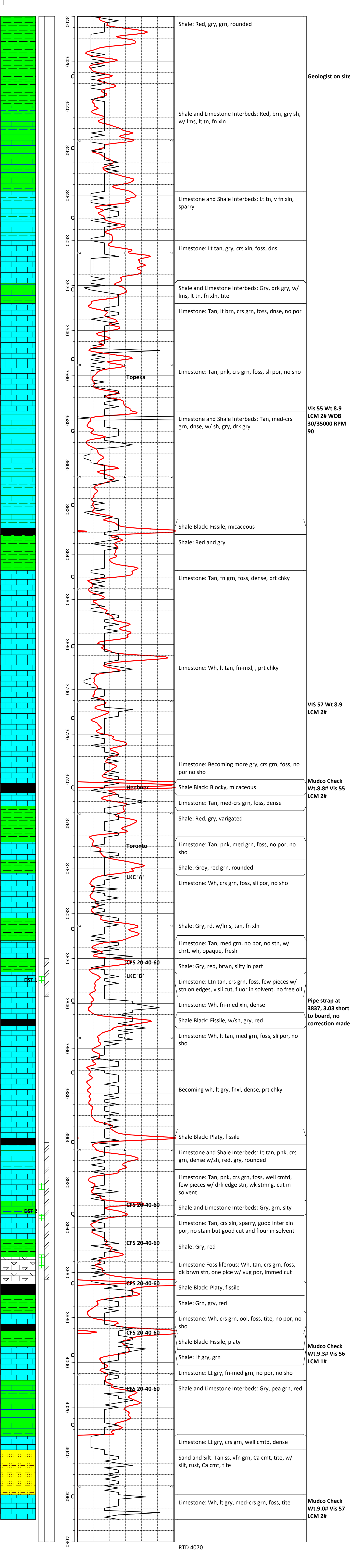
Set new 23# 8 5/8" surface pipe at 220' KB. Franks Oilfield cemented with 150 sks Class A surface blend. Cement did circulate.

Surveys: 1/2 deg at 222', 1/2 deg at 3837'.

Pipe strap at DST #1. 3.03 Short to board. No correction made to board.

Log tops: Heebner Shale 3740 (-1280), Lansing 'A' 3782 (-1322), Lansing 'C' 3812 (-1352), Stark Shale 3963 (-1503)

After review of Electric Logs, Drillstem test results and sample description the operator has elected to plug and abandon the Walsh 32-2



Geologist on site

VIS 55 Wt 8.9
 LCM 2# WOB
 30/35000 RPM
 90

VIS 57 Wt 8.9
 LCM 2#

Mudco Check
 Wt.8.8# Vis 55
 LCM 2#

Pipe strap at
 3837, 3.03 short
 to board, no
 correction made

Mudco Check
 Wt.9.3# Vis 56
 LCM 1#

Mudco Check
 Wt.9.0# Vis 57
 LCM 2#

RTD 4070