

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
--	---

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
---	---	------------------------------------

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	Satchell Creek Petroleum, LLC
Well Name	WORCESTER A 1-22
Doc ID	1729708

All Electric Logs Run

MEL
DUCP
DIL
BHV

Form	ACO1 - Well Completion
Operator	Satchell Creek Petroleum, LLC
Well Name	WORCESTER A 1-22
Doc ID	1729708

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	263	HXH-325	185	2% gel; 3% cc
Production	7.875	5.5	15	3796	Class H-Con	210	50% F; .1% FL; 3% salt
Production	7.875	5.5	15	1924	Class H-Con	250	50% F; .1% FL; 3% salt
Production	7.875	5.5	15	1924	Class A	450	50% F; .1%; 3% salt FL;

**CEMENT TREATMENT REPORT**

Customer: Satchell Creek	Well: Worcester A #1-22	Ticket: WP 4156
City, State: Oakley KS	County: Graham KS	Date: 4/12/2023
Field Rep: Jay Krier	S-T-R: 22-7S-22W	Service: Oakley KS

Downhole Information

Hole Size:	12 1/4 in
Hole Depth:	263 ft
Casing Size:	8 5/8 in
Casing Depth:	263 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	16.5 bbls

Calculated Slurry - Lead

Blend:	HXH-325
Weight:	14.8 ppg
Water / Sx:	6.9 gal / sx
Yield:	1.41 ft ³ / sx
Annular Bbls / Ft.:	0.0735 bbs / ft.
Depth:	263 ft
Annular Volume:	19.3 bbls
Excess:	
Total Slurry:	46.4 bbls
Total Sacks:	185 sx

Calculated Slurry - Tail

Blend:	
Weight:	ppg
Water / Sx:	gal / sx
Yield:	ft ³ / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	0 sx

TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
5:30 AM			-	-	Arrived on location
5:40 AM				-	Safety meeting
5:50 AM				-	Rigged up
6:41 AM				-	Casing on bottom
6:51 AM				-	Circulated mud
7:01 AM	3.5	150.0	5.0	5.0	Water ahead
7:03 AM	4.0	250.0	46.4	51.4	Mixed 185 sacks HXH-325 cement @ 14.8 ppg
7:15 AM	4.5	200.0	16.5	67.9	Begin displacement
7:19 AM		150.0		67.9	Plug down and shut in with 5 bbls cement circulated to pit
7:21 AM				67.9	Washed up and rigged down
7:50 AM				67.9	Left location

CREW		UNIT	SUMMARY		
Cementer:	John	73	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Jose V	208	4.0 bpm	188 psi	68 bbls
Bulk #1:	Allen	180-530			
Bulk #2:					



CEMENT TREATMENT REPORT

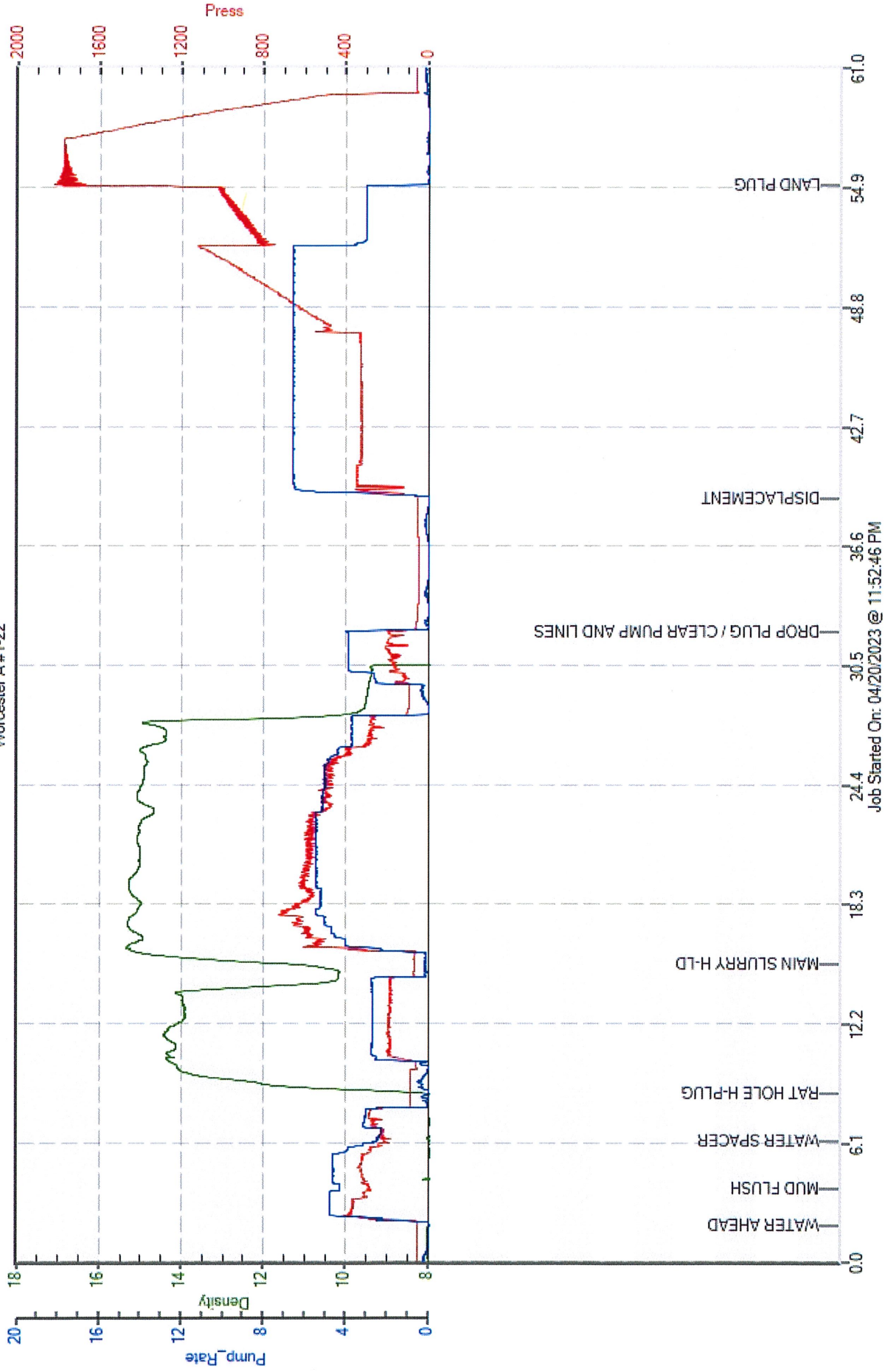
Customer: Satchell Creek	Well: Worcester A #1-22	Ticket: WP4192
City, State:	County: Graham,KS	Date: 4/20/2023
Field Rep: Randy	S-T-R: 22-7S-22W	Service: Longstring

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	7 7/8 in	Blend:	H-LD	Blend:	H-Plug
Hole Depth:	3812 ft	Weight:	14.8 ppg	Weight:	13.8 ppg
Casing Size:	5 1/2 in	Water / Sx:	6.5 gal / sx	Water / Sx:	6.9 gal / sx
Casing Depth:	3815 ft	Yield:	1.51 ft ³ / sx	Yield:	1.42 ft ³ / sx
Tubing / Liner:	in	Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
Depth:	ft	Depth:	ft	Depth:	ft
Tool / Packer:	Port Collar	Annular Volume:	0.0 bbls	Annular Volume:	0 bbls
Tool Depth:	1931 ft	Excess:		Excess:	
Displacement:	90.5 bbls	Total Slurry:	56.4 bbls	Total Slurry:	12.6 bbls
		Total Sacks:	210 sx	Total Sacks:	50 sx

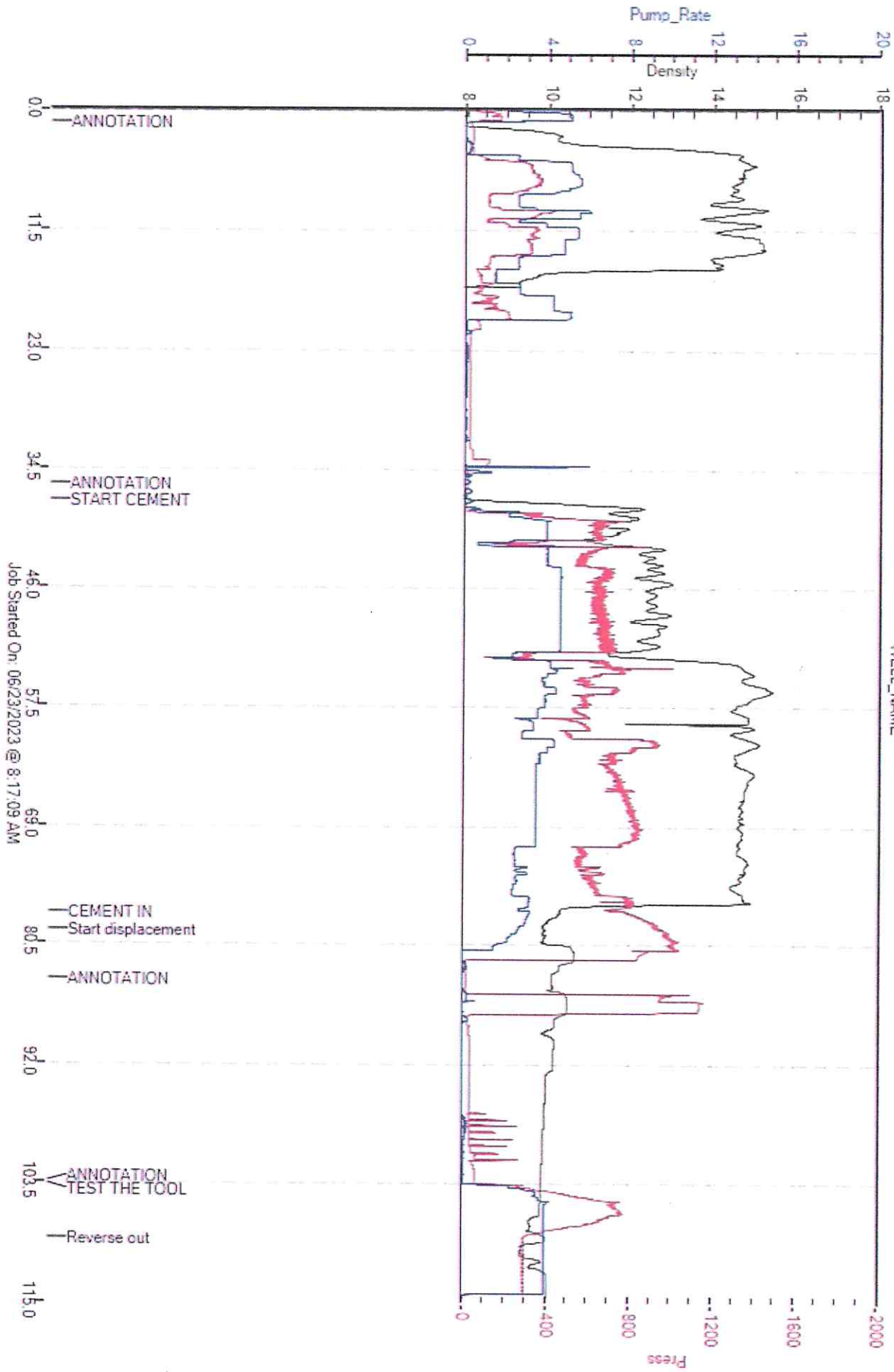
TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
1200am			-	-	Arrive On Location
1230am				-	Safety Meeting
145am				-	Casing On Bottom
150am				-	Rig up to Circulate
205am				-	Begin Circulating For 1 hr
305am				-	Rig Up to Cement Pump
315am	5.0	200.0	5.0	5.0	H2O Ahead
316am	5.0	250.0	12.0	17.0	Mud Flush
318am	2.6	170.0	5.0	22.0	Water Spacer
323am	2.6	110.0	12.6	34.6	Rat Hole H-Plug 50sks @ 13.8ppg
330am	5.4	560.0	56.4	91.0	Lead Cement Slurry H-LD 210sks @ 14.8ppg
345am					Drop Plug and Clear Pump and Lines
352am	6.6	600.0	80.5		Displacement
409am	3.0	940.0	10.0		Land Plug Bump Pressure to 1730psi and Release Plug Held 0.5bbls In Returns
415am					Wash Up
425am					Rig Down
435am					Leave Location

CREW		UNIT	SUMMARY		
Cementer:	Spencer	194/235	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Michael	230	4.3 bpm	404 psi	182 bbls
Bulk #1:	Hunter	943			
Bulk #2:					

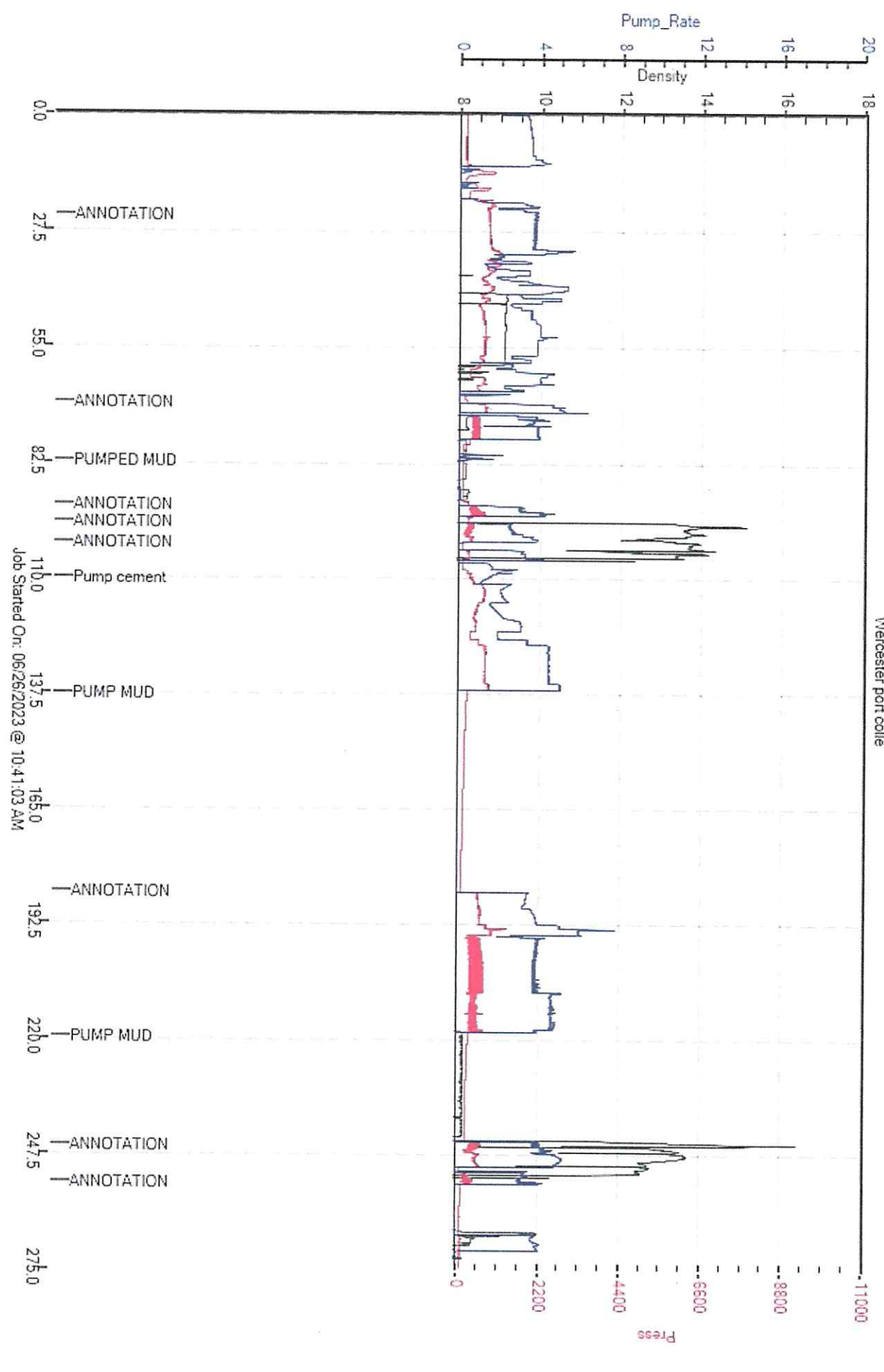
Satchell Creek
Worcester A #1-22



CUSTOMER
WELL_NAME



Satchel Creek
Worcester port colle



Sean Deenihan

Petroleum Geologist

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

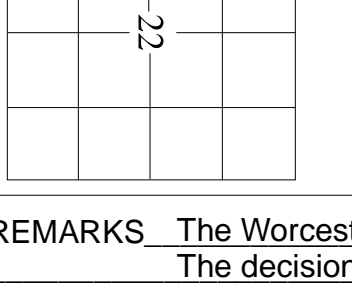
COMPANY Satchell Creek Petroleum, LLC
 LEASE Worcester A #1-22
 FIELD Wildcat
 LOCATION 2310' FSL & 1647' FWL
 SEC 22 TWP 7S RGE 22W
 COUNTY Graham STATE Kansas
 CONTRACTOR Feature Drilling Rig #3
 SPUD 4/1/23 COMP 4/18/23
 RTD 3812' LTD 3814'
 MUD UP 3100' TYPE MUD Chemical
 SAMPLES SAVED FROM 3100' TO RTD
 DRILLING TIME KEPT FROM 3100' TO RTD
 SAMPLES EXAMINED FROM 3100' TO RTD
 GEOLOGICAL SUPERVISION FROM 3100'
 REFERENCE WELL _____

Formation	Sample Tops	E-log Tops
Heebner Sh.		3455' (-1192)
Lansing		3495' (-1232)
Stark Shale		3664' (-1401)
Simpson SS		3792' (-1529)

ELEVATIONS
 KB 2263'
 DF _____
 GL 2255'
 Measurements Are All From Kelly Bushing

CASING
 CONDUCTOR _____
 SURFACE 8-5/8" at 262'
 PRODUCTION 5.5" @ 3813'

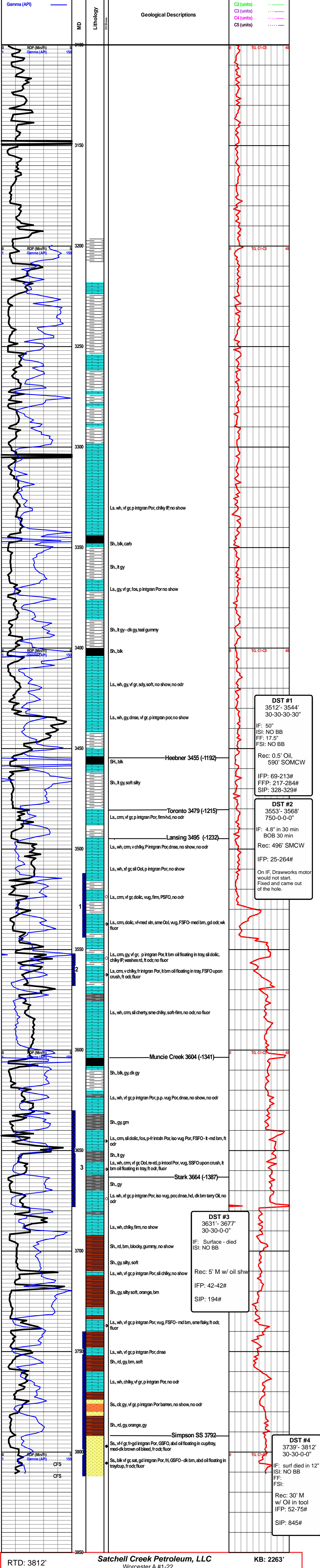
ELECTRICAL SUPPLIES
 Midwest
 CND/DIL, BHG
 MIC/SON



REMARKS The Worcester A #1-22 had very good shows of oil in the Simpson Sand with good BHP. The decision was made to complete this well for commercial oil production.

Respectfully Submitted,

Sean P. Deenihan



DST #1
 3512' - 3544'
 30-30-30-0"
 IF: 50"
 ISI: NO BB
 FF: 17.5"
 FSI: NO BB
 Rec: 0.5' Oil,
 590' SMCW
 IFP: 69-213#
 FFP: 217-284#
 SIP: 328-329#

DST #2
 3553' - 3568'
 750-0-0-0"
 IF: 4.8" in 30 min
 BOB 30 min
 Rec: 496' SMCW
 IFP: 25-264#
 On IF, Drawworks motor would not start. Fixed and came out of the hole.

DST #3
 3631' - 3677'
 30-30-0-0"
 IF: Surface - died
 ISI: NO BB
 Rec: 5' M w/ oil shw
 IFP: 42-42#
 SIP: 194#

DST #4
 3739' - 3812'
 30-30-0-0"
 IF: surf died in 12"
 ISI: NO BB
 FF:
 FSI:
 Rec: 30' M w/ Oil in tool
 IFP: 52-75#
 SIP: 845#

RTD: 3812'
 LTD: 3814'

Satchell Creek Petroleum, LLC KB: 2263'
 Worcester A #1-22
 22-7S-22W
 Graham County, KS



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #1-22**

SEC: 22 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2255 EGL
Field Name: Alda South
Pool: Infield
Job Number: 654
API #: 15-065-24237

Operation:
Well Complete

DATE
April
16
2023

DST #1 Formation: Lans "C" Test Interval: 3512 - Total Depth: 3544'
3544'

Time On: 01:55 04/16 Time Off: 08:18 04/16
Time On Bottom: 04:15 04/16 Time Off Bottom: 06:15 04/16

Electronic Volume
Estimate:
609'

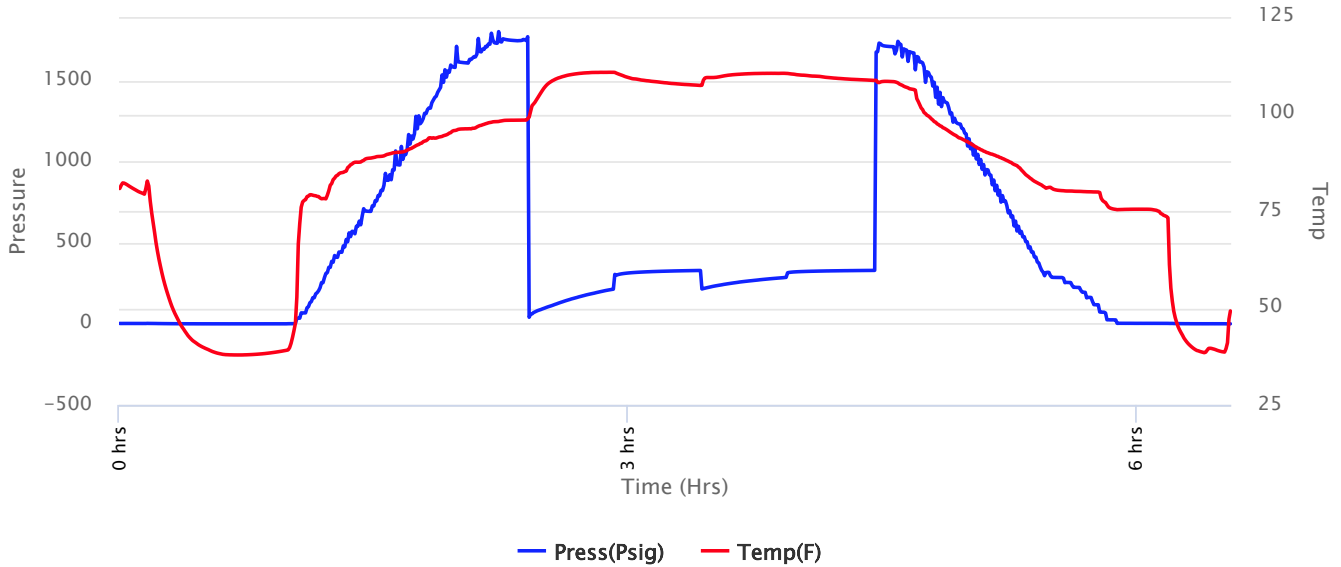
1st Open
Minutes: 30
Current Reading:
50" at 30 min
Max Reading: 50"

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

2nd Open
Minutes: 30
Current Reading:
17.5" at 30 min
Max Reading: 17.5"

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

Inside Recorder





**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #1-22**

SEC: 22 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2255 EGL
Field Name: Alda South
Pool: Infield
Job Number: 654
API #: 15-065-24237

Operation:
Well Complete

DATE
April
16
2023

DST #1 Formation: Lans "C" Test Interval: 3512 - Total Depth: 3544'
3544'

Time On: 01:55 04/16 Time Off: 08:18 04/16
Time On Bottom: 04:15 04/16 Time Off Bottom: 06:15 04/16

Recovered

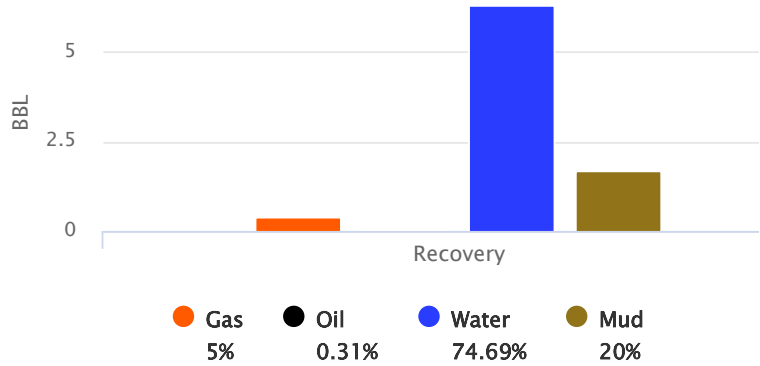
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
.5	0	O	0	100	0	0
180	2.5614	SLOCSLGCMCW	5	1	74	20
410	5.8343	SLGCMCW	5	0	75	20

Total Recovered: 590.5 ft
Total Barrels Recovered: 8.3957

Reversed Out
NO

Initial Hydrostatic Pressure	1744	PSI
Initial Flow	69 to 213	PSI
Initial Closed in Pressure	328	PSI
Final Flow Pressure	217 to 284	PSI
Final Closed in Pressure	329	PSI
Final Hydrostatic Pressure	1708	PSI
Temperature	109	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance



GIP cubic foot volume: 2.35688



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #1-22**

SEC: 22 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2255 EGL
Field Name: Alda South
Pool: Infield
Job Number: 654
API #: 15-065-24237

Operation:
Well Complete

DATE
April
16
2023

DST #1 Formation: Lans "C" Test Interval: 3512 - Total Depth: 3544'
3544'
Time On: 01:55 04/16 Time Off: 08:18 04/16
Time On Bottom: 04:15 04/16 Time Off Bottom: 06:15 04/16

BUCKET MEASUREMENT:

1st Open: Strong blow building. BOB in 5 mins.
1st Close: No blow back.
2nd Open: Strong blow building. BOB in 9 mins.
2nd Close: No blow back.

REMARKS:

Tool Sample: 5% Gas 1% Oil 74% Water 20% Mud
Measured RW: .15 @ 36 degrees °F
RW at Formation Temp: 0.055 @ 109 °F
Chlorides: 84,200 ppm



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #1-22**

SEC: 22 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2255 EGL
Field Name: Alda South
Pool: Infield
Job Number: 654
API #: 15-065-24237

Operation:
Well Complete

DATE
April
16
2023

DST #1 **Formation: Lans "C"** **Test Interval: 3512 - 3544'** **Total Depth: 3544'**
Time On: 01:55 04/16 Time Off: 08:18 04/16
Time On Bottom: 04:15 04/16 Time Off Bottom: 06:15 04/16

Down Hole Makeup

Heads Up: 21.57 FT	Packer 1: 3506.5 FT
Drill Pipe: 3500 FT <i>ID-3 1/2</i>	Packer 2: 3512 FT
Weight Pipe: FT	Top Recorder: 3495.42 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 3514 FT
Test Tool: 34.57 FT <i>ID-3 1/2-FH Jars Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 32	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): FT <i>4 1/2-FH</i>	
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3 1/2</i>	
Change Over: FT	
Perforations: (below): 31 FT <i>4 1/2-FH</i>	



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #1-22**

SEC: 22 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2255 EGL
Field Name: Alda South
Pool: Infield
Job Number: 654
API #: 15-065-24237

Operation:
Well Complete

DATE
April
16
2023

DST #1 Formation: Lans "C" Test Interval: 3512 - Total Depth: 3544'
3544'
Time On: 01:55 04/16 Time Off: 08:18 04/16
Time On Bottom: 04:15 04/16 Time Off Bottom: 06:15 04/16

Mud Properties

Mud Type: Chemical **Weight:** 9.1 **Viscosity:** 58 **Filtrate:** 5.4 **Chlorides:** 1,100 ppm



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #1-22**

SEC: 22 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2255 EGL
Field Name: Alda South
Pool: Infield
Job Number: 654
API #: 15-065-24237

Operation:
Well Complete

DATE
April
16
2023

DST #2 Formation: Lans "F" Test Interval: 3553 - 3568' Total Depth: 3568'

Time On: 16:15 04/16 Time Off: 09:50 04/17
Time On Bottom: 18:37 04/16 Time Off Bottom: 07:33 04/17

Electronic Volume
Estimate:
45'

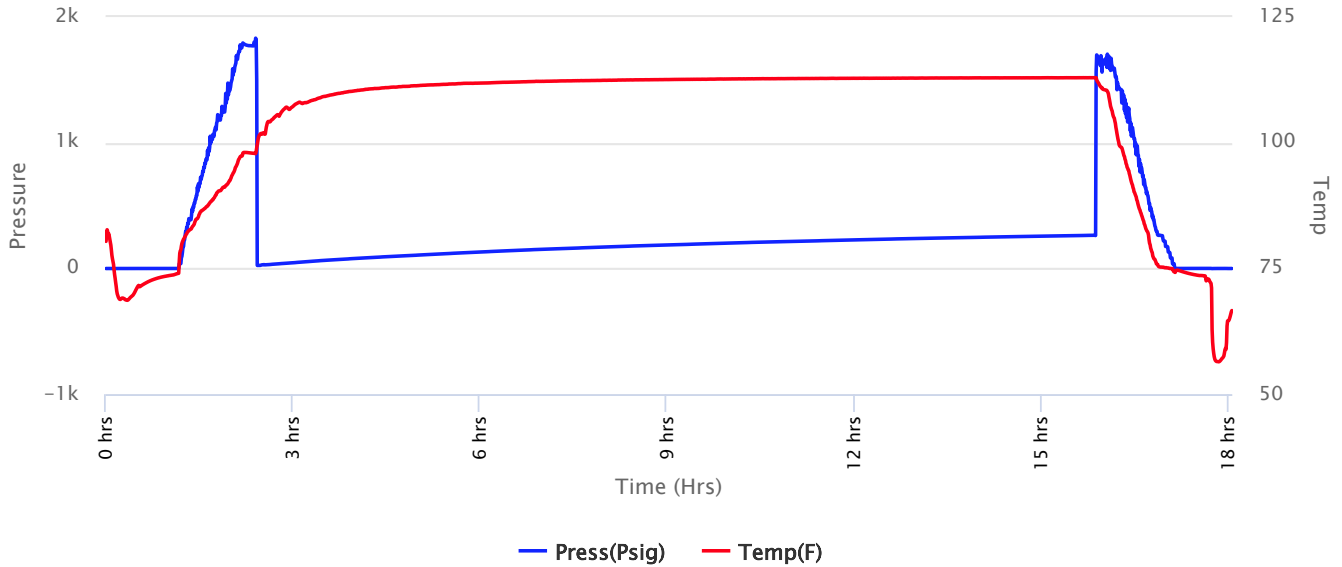
1st Open
Minutes: 30
Current Reading:
4.8" at 30 min
Max Reading: 4.8"

1st Close
N/A

2nd Open
N/A

2nd Close
N/A

Inside Recorder





**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #1-22**

SEC: 22 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2255 EGL
Field Name: Alda South
Pool: Infield
Job Number: 654
API #: 15-065-24237

Operation:
Well Complete

DATE
April
16
2023

DST #2 Formation: Lans "F" Test Interval: 3553 - 3568' Total Depth: 3568'

Time On: 16:15 04/16 Time Off: 09:50 04/17
Time On Bottom: 18:37 04/16 Time Off Bottom: 07:33 04/17

Recovered

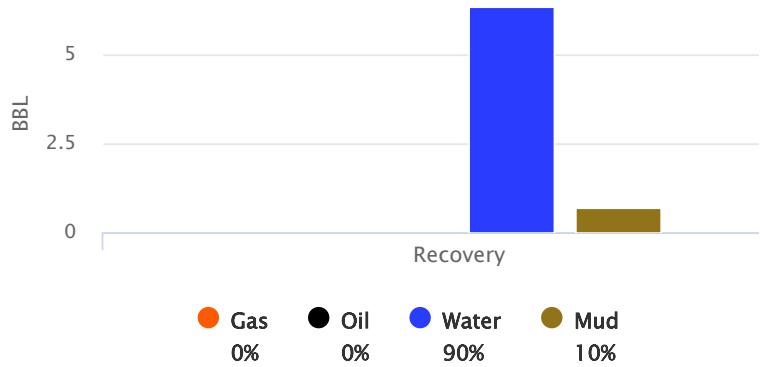
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
496	7.05808	SLMCW	0	0	90	10

Total Recovered: 496 ft
Total Barrels Recovered: 7.05808

Reversed Out
NO

Initial Hydrostatic Pressure	1786	PSI
Initial Flow	25 to 264	PSI
Initial Closed in Pressure	0	PSI
Final Flow Pressure	0	PSI
Final Closed in Pressure	0	PSI
Final Hydrostatic Pressure	1613	PSI
Temperature	113	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance



GIP cubic foot volume: 0



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #1-22**

SEC: 22 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2255 EGL
Field Name: Alda South
Pool: Infield
Job Number: 654
API #: 15-065-24237

Operation:
Well Complete

DATE
April
16
2023

DST #2 Formation: Lans "F" Test Interval: 3553 - Total Depth: 3568'
3568'
Time On: 16:15 04/16 Time Off: 09:50 04/17
Time On Bottom: 18:37 04/16 Time Off Bottom: 07:33 04/17

BUCKET MEASUREMENT:

1st Open: Weak, surface blow building. BOB in 30 mins.

1st Close: N/A

2nd Open: N/A

2nd Close: N/A

REMARKS:

Hands shut the draw works motor off & it would not restart. When they had the motor fixed, we came out of the hole.

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

Measured RW: .13 @ 38 degrees °F

RW at Formation Temp: 0.049 @ 113 °F

Chlorides: 108,500 ppm



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #1-22**

SEC: 22 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2255 EGL
Field Name: Alda South
Pool: Infield
Job Number: 654
API #: 15-065-24237

Operation:
Well Complete

DATE
April
16
2023

DST #2 Formation: Lans "F" Test Interval: 3553 - Total Depth: 3568'
3568'
Time On: 16:15 04/16 Time Off: 09:50 04/17
Time On Bottom: 18:37 04/16 Time Off Bottom: 07:33 04/17

Down Hole Makeup

Heads Up: 11.57 FT	Packer 1: 3547.5 FT
Drill Pipe: 3531 FT <i>ID-3 1/2</i>	Packer 2: 3553 FT
Weight Pipe: FT	Top Recorder: 3536.42 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: -13 FT
Test Tool: 34.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 15	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): FT <i>4 1/2-FH</i>	
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3 1/2</i>	
Change Over: FT	
Perforations: (below): 14 FT <i>4 1/2-FH</i>	



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #1-22**

SEC: 22 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2255 EGL
Field Name: Alda South
Pool: Infield
Job Number: 654
API #: 15-065-24237

Operation:
Well Complete

DATE
April
16
2023

DST #2 Formation: Lans "F" Test Interval: 3553 - Total Depth: 3568'
3568'
Time On: 16:15 04/16 Time Off: 09:50 04/17
Time On Bottom: 18:37 04/16 Time Off Bottom: 07:33 04/17

Mud Properties

Mud Type: Chemical **Weight:** 9.1 **Viscosity:** 59 **Filtrate:** 5.4 **Chlorides:** 1,500 ppm



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #1-22**

SEC: 22 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2255 EGL
Field Name: Alda South
Pool: Infield
Job Number: 654
API #: 15-065-24237

Operation:
Well Complete

DATE
April
16
2023

DST #2 Formation: Lans "F" Test Interval: 3553 - Total Depth: 3568'
3568'
Time On: 16:15 04/16 Time Off: 09:50 04/17
Time On Bottom: 18:37 04/16 Time Off Bottom: 07:33 04/17

Gas Volume Report

1st Open

2nd Open

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

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



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #1-22**

SEC: 22 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2255 EGL
Field Name: Alda South
Pool: Infield
Job Number: 654
API #: 15-065-24237

Operation:
Well Complete

DATE
April
17
2023

DST #3 Formation: Lans "J" Test Interval: 3631 - 3677' Total Depth: 3677'

Time On: 21:34 04/17 Time Off: 03:07 04/18
Time On Bottom: 23:56 04/17 Time Off Bottom: 00:56 04/18

Electronic Volume
Estimate:
0'

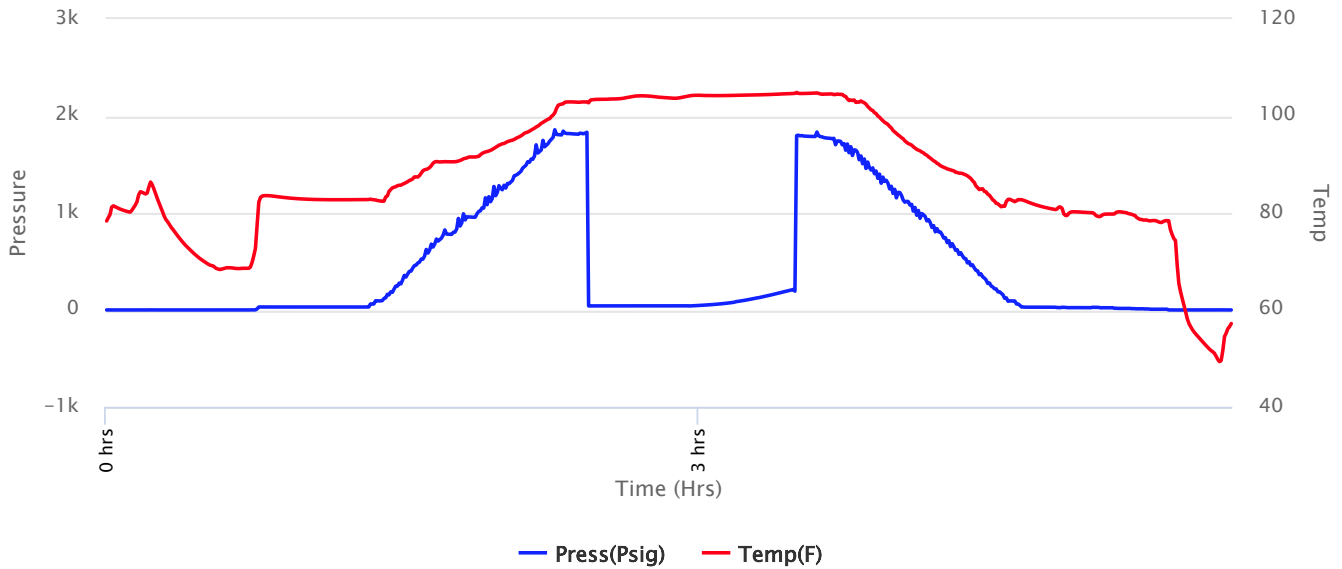
1st Open
Minutes: 30
Current Reading:
0" at 30 min
Max Reading: 0"

1st Close
Minutes: 10
Current Reading:
0" at 10 min
Max Reading: 0"

2nd Open
N/A

2nd Close
N/A

Inside Recorder





**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #1-22**

SEC: 22 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2255 EGL
Field Name: Alda South
Pool: Infield
Job Number: 654
API #: 15-065-24237

Operation:
Well Complete

DATE
April
17
2023

DST #3 Formation: Lans "J" Test Interval: 3631 - 3677' Total Depth: 3677'

Time On: 21:34 04/17 Time Off: 03:07 04/18
Time On Bottom: 23:56 04/17 Time Off Bottom: 00:56 04/18

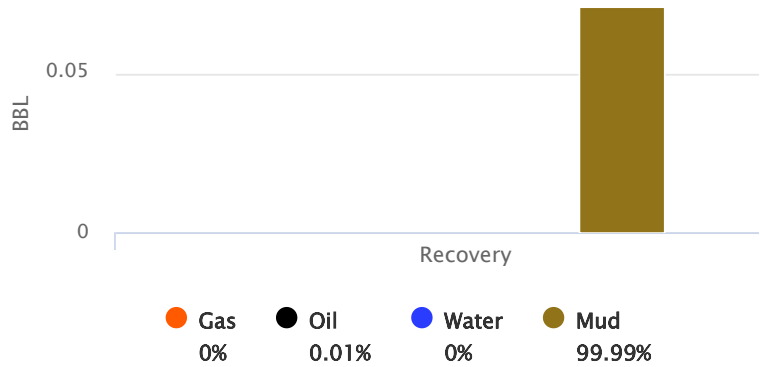
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
5	0.07115	M (trace oil)	0	.01	0	99.99

Total Recovered: 5 ft
Total Barrels Recovered: 0.07115

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	1814	PSI
Initial Flow	42 to 42	PSI
Initial Closed in Pressure	194	PSI
Final Flow Pressure	0	PSI
Final Closed in Pressure	0	PSI
Final Hydrostatic Pressure	1798	PSI
Temperature	105	°F
Pressure Change Initial Close / Final Close	0.0	%

GIP cubic foot volume: 0



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #1-22**

SEC: 22 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2255 EGL
Field Name: Alda South
Pool: Infield
Job Number: 654
API #: 15-065-24237

Operation:
Well Complete

DATE
April
17
2023

DST #3 Formation: Lans "J" Test Interval: 3631 - Total Depth: 3677'
3677'
Time On: 21:34 04/17 Time Off: 03:07 04/18
Time On Bottom: 23:56 04/17 Time Off Bottom: 00:56 04/18

BUCKET MEASUREMENT:

1st Open: Weak, surface blow. Died in 18 mins.

1st Close: No blow back.

2nd Open: N/A

2nd Close: N/A

REMARKS:

Tool Sample: 0% Gas .05% Oil 0% Water 99.95% Mud



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #1-22**

SEC: 22 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2255 EGL
Field Name: Alda South
Pool: Infield
Job Number: 654
API #: 15-065-24237

Operation:
Well Complete

DATE
April
17
2023

DST #3 Formation: Lans "J" Test Interval: 3631 - Total Depth: 3677'
3677'
Time On: 21:34 04/17 Time Off: 03:07 04/18
Time On Bottom: 23:56 04/17 Time Off Bottom: 00:56 04/18

Down Hole Makeup

Heads Up: 28.57 FT	Packer 1: 3625.5 FT
Drill Pipe: 3626 FT <i>ID-3 1/2</i>	Packer 2: 3631 FT
Weight Pipe: FT	Top Recorder: 3614.42 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 3678 FT
Test Tool: 34.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 46	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): FT <i>4 1/2-FH</i>	
Change Over: .5 FT	
Drill Pipe: (in anchor): 31 FT <i>ID-3 1/2</i>	
Change Over: .5 FT	
Perforations: (below): 13 FT <i>4 1/2-FH</i>	



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #1-22**

SEC: 22 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2255 EGL
Field Name: Alda South
Pool: Infield
Job Number: 654
API #: 15-065-24237

Operation:
Well Complete

DATE
April
17
2023

DST #3 Formation: Lans "J" Test Interval: 3631 - Total Depth: 3677'
3677'
Time On: 21:34 04/17 Time Off: 03:07 04/18
Time On Bottom: 23:56 04/17 Time Off Bottom: 00:56 04/18

Mud Properties

Mud Type: Chemical **Weight:** 9.1 **Viscosity:** 57 **Filtrate:** 5.6 **Chlorides:** 1,900 ppm



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #1-22**

SEC: 22 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2255 EGL
Field Name: Alda South
Pool: Infield
Job Number: 654
API #: 15-065-24237

Operation:
Well Complete

DATE
April
17
2023

DST #3 Formation: Lans "J" Test Interval: 3631 - Total Depth: 3677'
3677'
Time On: 21:34 04/17 Time Off: 03:07 04/18
Time On Bottom: 23:56 04/17 Time Off Bottom: 00:56 04/18

Gas Volume Report

1st Open

2nd Open

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

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



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #1-22**

SEC: 22 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2255 EGL
Field Name: Alda South
Pool: Infield
Job Number: 654
API #: 15-065-24237

Operation:
Well Complete

DATE
April
18
2023

DST #4 **Formation: Simpson Sand** **Test Interval: 3739 - 3812'** **Total Depth: 3812'**
Time On: 13:25 04/18 Time Off: 19:04 04/18
Time On Bottom: 16:06 04/18 Time Off Bottom: 16:53 04/18

Electronic Volume
Estimate:
0'

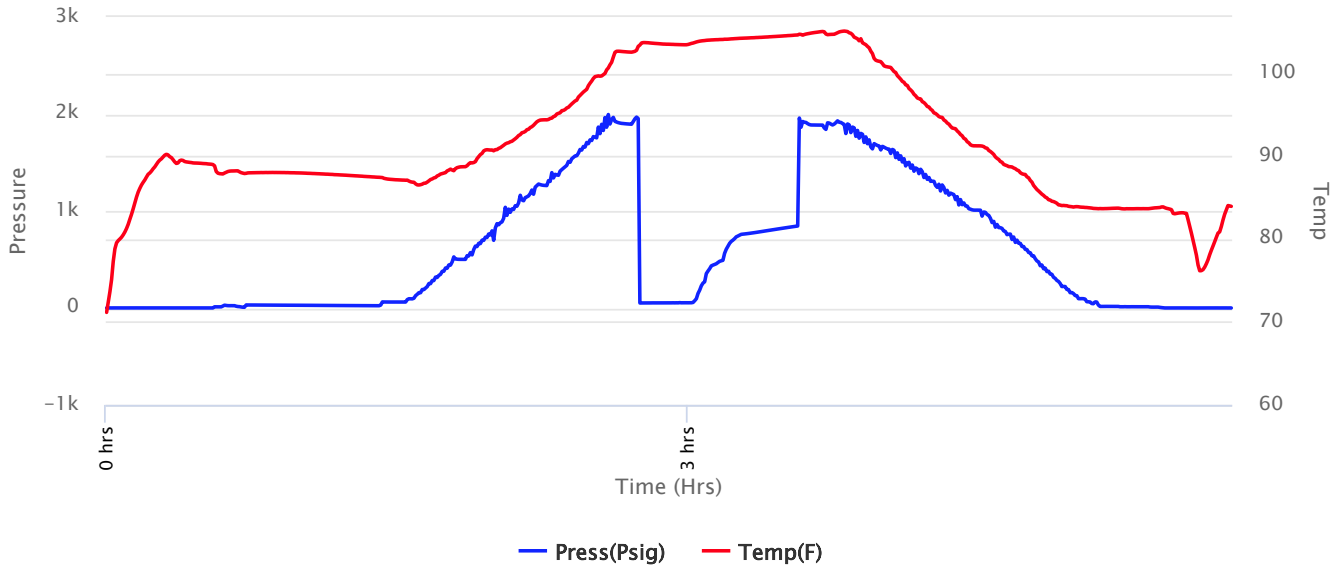
1st Open
Minutes: 15
Current Reading:
0" at 15 min
Max Reading: 0"

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

2nd Open
N/A

2nd Close
N/A

Inside Recorder





**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #1-22**

SEC: 22 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2255 EGL
Field Name: Alda South
Pool: Infield
Job Number: 654
API #: 15-065-24237

Operation:
Well Complete

DATE
April
18
2023

DST #4 **Formation: Simpson Sand** **Test Interval: 3739 - 3812'** **Total Depth: 3812'**
Time On: 13:25 04/18 Time Off: 19:04 04/18
Time On Bottom: 16:06 04/18 Time Off Bottom: 16:53 04/18

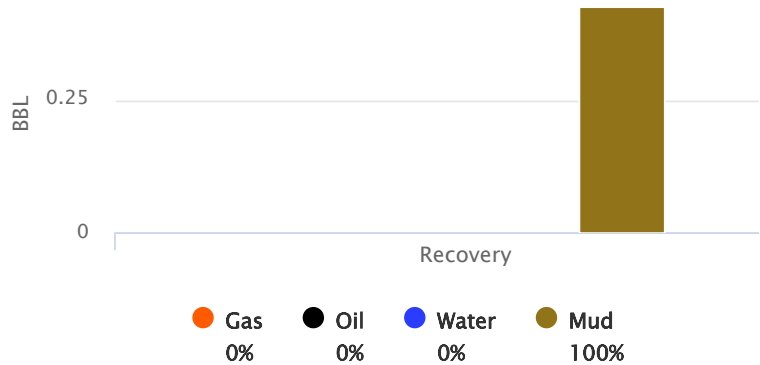
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
30	0.4269	M	0	0	0	100

Total Recovered: 30 ft
Total Barrels Recovered: 0.4269

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	1950	PSI
Initial Flow	52 to 75	PSI
Initial Closed in Pressure	845	PSI
Final Flow Pressure	0	PSI
Final Closed in Pressure	0	PSI
Final Hydrostatic Pressure	1959	PSI
Temperature	105	°F
Pressure Change Initial Close / Final Close	0.0	%

GIP cubic foot volume: 0



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #1-22**

SEC: 22 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2255 EGL
Field Name: Alda South
Pool: Infield
Job Number: 654
API #: 15-065-24237

Operation:
Well Complete

DATE
April
18
2023

DST #4 Formation: Simpson Sand Test Interval: 3739 - 3812' Total Depth: 3812'
Time On: 13:25 04/18 Time Off: 19:04 04/18
Time On Bottom: 16:06 04/18 Time Off Bottom: 16:53 04/18

BUCKET MEASUREMENT:

1st Open: Weak, surface blow. Died in 12 mins.

1st Close: No blow back.

2nd Open: N/A

2nd Close: N/A

REMARKS:

Tool Sample: 0% Gas .01% Oil 0% Water 99.99% Mud



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #1-22**

SEC: 22 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2255 EGL
Field Name: Alda South
Pool: Infield
Job Number: 654
API #: 15-065-24237

Operation:
Well Complete

DATE
April
18
2023

DST #4 Formation: Simpson Sand Test Interval: 3739 - 3812' Total Depth: 3812'
Time On: 13:25 04/18 Time Off: 19:04 04/18
Time On Bottom: 16:06 04/18 Time Off Bottom: 16:53 04/18

Down Hole Makeup

Heads Up: 16.57 FT	Packer 1: 3733.5 FT
Drill Pipe: 3722 FT <i>ID-3 1/2</i>	Packer 2: 3739 FT
Weight Pipe: FT	Top Recorder: 3722.42 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 3777 FT
Test Tool: 34.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 73	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): 31 FT <i>ID-3 1/2</i>	
Change Over: .5 FT	
Perforations: (below): 37 FT <i>4 1/2-FH</i>	



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #1-22**

SEC: 22 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2255 EGL
Field Name: Alda South
Pool: Infield
Job Number: 654
API #: 15-065-24237

Operation:
Well Complete

DATE
April
18
2023

DST #4 **Formation: Simpson Sand** **Test Interval: 3739 - 3812'** **Total Depth: 3812'**
Time On: 13:25 04/18 Time Off: 19:04 04/18
Time On Bottom: 16:06 04/18 Time Off Bottom: 16:53 04/18

Mud Properties

Mud Type: Chemical **Weight:** 9.2 **Viscosity:** 53 **Filtrate:** 5.8 **Chlorides:** 2,100 ppm

