

ALT ☐ I ☐ II ☐ III Approved by: _____ Date: _____

Form	ACO1 - Well Completion
Operator	Satchell Creek Petroleum, LLC
Well Name	WORCESTER A 2-21
Doc ID	1717311

All Electric Logs Run

BHV
DIL
DUCP
MEL

Form	ACO1 - Well Completion
Operator	Satchell Creek Petroleum, LLC
Well Name	WORCESTER A 2-21
Doc ID	1717311

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	264	common H	225	2% gel; 3% cc
Production	7.875	5.5	15	3866	common H-LD	155	50% F; .1% FL; 3% salt
Production	7.875	5.5	15	1822	common H-Con	300	50% F; .1% FL; 3% salt



Operation:

Well Complete

**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #2-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2329 GL
Field Name: Alda South
Pool: Infield
Job Number: 647
API #: 15-065-24233

DATE

March

03

2023

DST #1 Formation: Lansing Test Interval: 3566 - 3604' Total Depth: 3604'

Time On: 10:45 03/03

Time Off: 18:14 03/03

Time On Bottom: 14:02 03/03

Time Off Bottom: 16:02 03/03

Electronic Volume
Estimate:

180'

1st Open

Minutes: 30

Current Reading:

11.7" at 30 min

Max Reading: 11.7"

1st Close

Minutes: 30

Current Reading:

0" at 30 min

Max Reading: 0"

2nd Open

Minutes: 30

Current Reading:

7.4" at 30 min

Max Reading: 7.4"

2nd Close

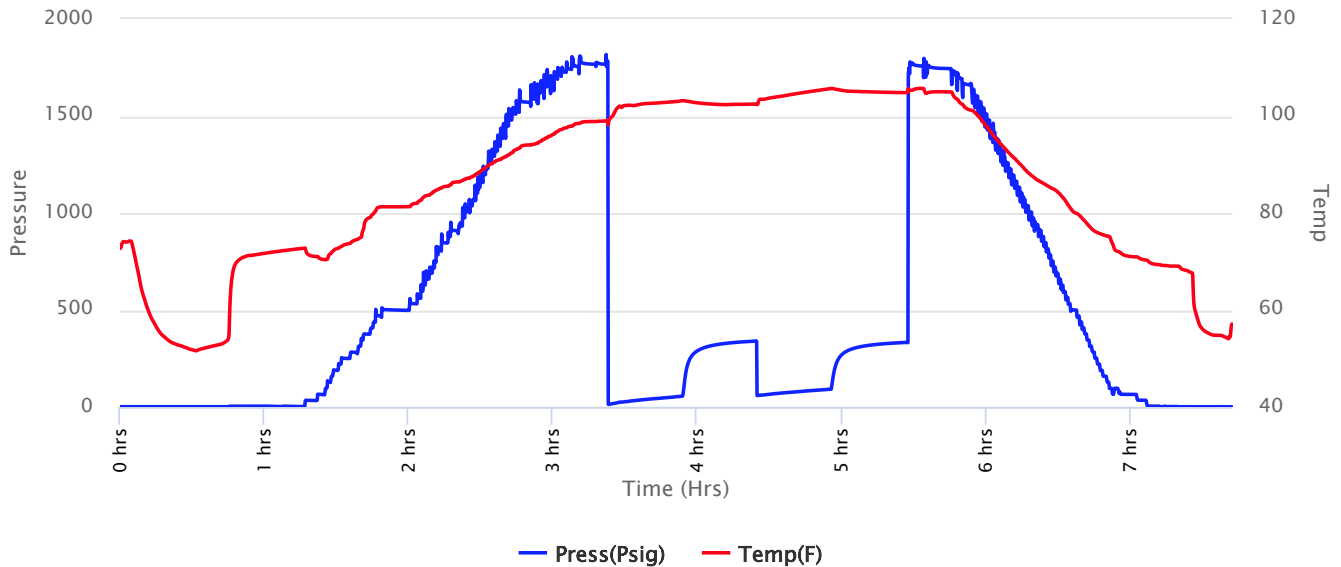
Minutes: 30

Current Reading:

0" at 30 min

Max Reading: 0"

Inside Recorder





**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #2-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2329 GL
Field Name: Alda South
Pool: Infield
Job Number: 647
API #: 15-065-24233

Operation:

Well Complete

DATE

March

03

2023

DST #1

Formation: Lansing

**Test Interval: 3566 -
3604'**

Total Depth: 3604'

Time On: 10:45 03/03

Time Off: 18:14 03/03

Time On Bottom: 14:02 03/03

Time Off Bottom: 16:02 03/03

Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
10	0.1423	O	0	100	0	0
140	1.9922	SLOCHWCM	0	5	45	50

Total Recovered: 150 ft

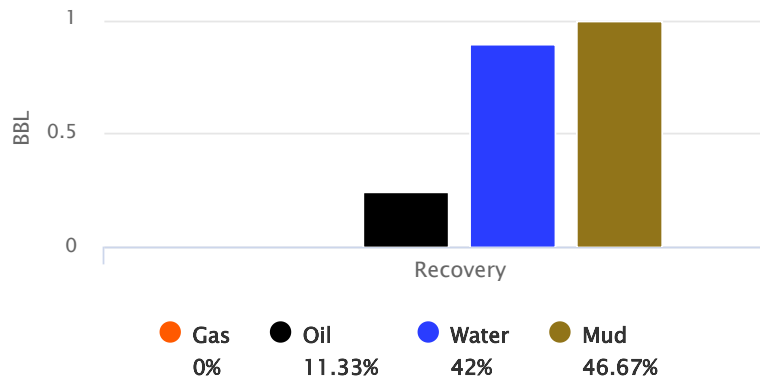
Total Barrels Recovered: 2.1345

Reversed Out

NO

Initial Hydrostatic Pressure	1768	PSI
Initial Flow	17 to 53	PSI
Initial Closed in Pressure	340	PSI
Final Flow Pressure	63 to 90	PSI
Final Closed in Pressure	332	PSI
Final Hydrostatic Pressure	1759	PSI
Temperature	105	°F
Pressure Change Initial Close / Final Close	2.2	%

Recovery at a glance



GIP cubic foot volume: 0

**Operation:**

Well Complete

**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #2-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2329 GL
Field Name: Alda South
Pool: Infield
Job Number: 647
API #: 15-065-24233

DATE

March

03

2023

DST #1 Formation: Lansing Test Interval: 3566 - Total Depth: 3604'
3604'

Time On: 10:45 03/03

Time Off: 18:14 03/03

Time On Bottom: 14:02 03/03

Time Off Bottom: 16:02 03/03

BUCKET MEASUREMENT:

1st Open: BOB in 30 mins.

1st Close: No blow back.

2nd Open: Surface blow building to 7.4 ins.

2nd Close: No blow back.

REMARKS:

Tool Sample: 0% Gas 5% Oil 50% Water 45% Mud

Gravity: 35.5 @ 60 °F



Operation:

Well Complete

**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #2-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2329 GL
Field Name: Alda South
Pool: Infield
Job Number: 647
API #: 15-065-24233

DATE

March

03

2023

DST #1 Formation: Lansing Test Interval: 3566 - Total Depth: 3604'
3604'

Time On: 10:45 03/03

Time Off: 18:14 03/03

Time On Bottom: 14:02 03/03

Time Off Bottom: 16:02 03/03

Down Hole Makeup

Heads Up: 23.14 FT

Packer 1: 3560.5 FT

Drill Pipe: 3555.57 FT

Packer 2: 3566 FT

ID-3 1/2

Top Recorder: 3549.42 FT

Weight Pipe: FT

Bottom Recorder: 1 FT

Collars: FT

Well Bore Size: 7 7/8

ID-2 1/4

Surface Choke: 1"

Test Tool: 34.57 FT

Bottom Choke: 5/8"

ID-3 1/2-FH

Jars

Safety Joint

Total Anchor: 38

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): FT

4 1/2-FH

Change Over: FT

Drill Pipe: (in anchor): FT

ID-3 1/2

Change Over: FT

Perforations: (below): 37 FT

4 1/2-FH



Operation:

Well Complete

**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #2-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2329 GL
Field Name: Alda South
Pool: Infield
Job Number: 647
API #: 15-065-24233

DATE

March

03

2023

DST #1 Formation: Lansing Test Interval: 3566 - Total Depth: 3604'
3604'

Time On: 10:45 03/03

Time Off: 18:14 03/03

Time On Bottom: 14:02 03/03

Time Off Bottom: 16:02 03/03

Mud Properties

Mud Type: Chemical

Weight: 9.2

Viscosity: 51

Filtrate: 8.0

Chlorides: 4,000 ppm



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #2-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2329 GL
Field Name: Alda South
Pool: Infield
Job Number: 647
API #: 15-065-24233

Operation:

Well Complete

DATE

March

03

2023

DST #1 Formation: Lansing Test Interval: 3566 - Total Depth: 3604'
3604'

Time On: 10:45 03/03

Time Off: 18:14 03/03

Time On Bottom: 14:02 03/03

Time Off Bottom: 16:02 03/03

Gas Volume Report

1st Open

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

2nd Open

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



Operation:

Well Complete

**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #2-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2329 GL
Field Name: Alda South
Pool: Infield
Job Number: 647
API #: 15-065-24233

DATE

March

04

2023

DST #2 Formation: Lansing Test Interval: 3605 - 3630' Total Depth: 3630'

Time On: 00:51 03/04

Time Off: 08:23 03/04

Time On Bottom: 03:36 03/04

Time Off Bottom: 05:36 03/04

Electronic Volume
Estimate:
346'

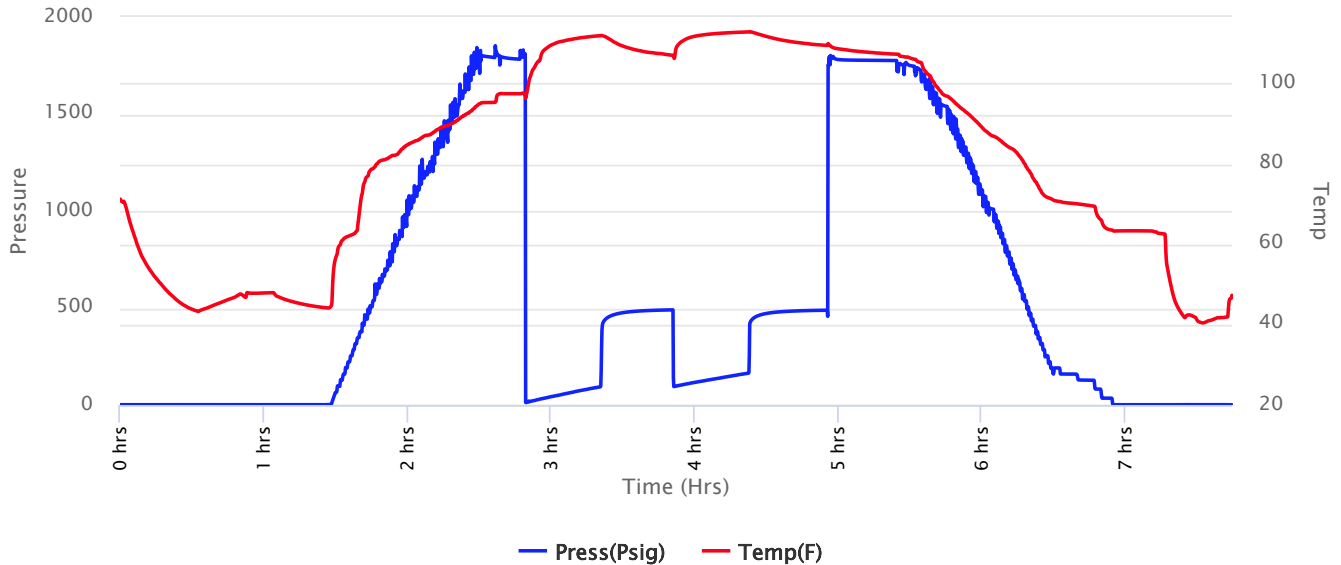
1st Open
Minutes: 30
Current Reading:
19.7" at 30 min
Max Reading: 19.7"

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

2nd Open
Minutes: 30
Current Reading:
17.2" at 30 min
Max Reading: 17.2"

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

Inside Recorder





**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #2-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2329 GL
Field Name: Alda South
Pool: Infield
Job Number: 647
API #: 15-065-24233

Operation:

Well Complete

DATE

March

04

2023

DST #2

Formation: Lansing

**Test Interval: 3605 -
3630'**

Total Depth: 3630'

Time On: 00:51 03/04

Time Off: 08:23 03/04

Time On Bottom: 03:36 03/04

Time Off Bottom: 05:36 03/04

Recovered

Foot	BBLS	Description of Fluid	Gas %	Oil %	Water %	Mud %
120	1.7076	MCW	0	0	80	20
205	2.91715	SLMCW	0	0	90	10

Total Recovered: 325 ft

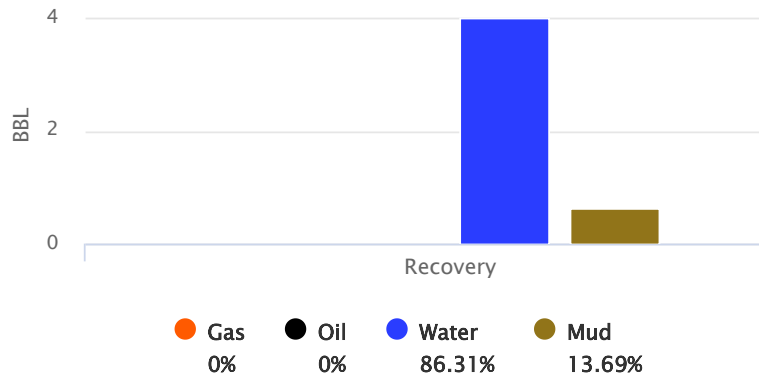
Total Barrels Recovered: 4.62475

Reversed Out

NO

Initial Hydrostatic Pressure	1810	PSI
Initial Flow	14 to 98	PSI
Initial Closed in Pressure	490	PSI
Final Flow Pressure	99 to 162	PSI
Final Closed in Pressure	489	PSI
Final Hydrostatic Pressure	1797	PSI
Temperature	113	°F
Pressure Change Initial Close / Final Close	0.3	%

Recovery at a glance



GIP cubic foot volume: 0



Operation:

Well Complete

**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #2-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2329 GL
Field Name: Alda South
Pool: Infield
Job Number: 647
API #: 15-065-24233

DATE

March

04

2023

DST #2 Formation: Lansing Test Interval: 3605 - Total Depth: 3630'
3630'

Time On: 00:51 03/04

Time Off: 08:23 03/04

Time On Bottom: 03:36 03/04

Time Off Bottom: 05:36 03/04

BUCKET MEASUREMENT:

1st Open: BOB in 17 1/2 mins.

1st Close: No blow back.

2nd Open: BOB in 20 mins.

2nd Close: No blow back.



Operation:

Well Complete

**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #2-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2329 GL
Field Name: Alda South
Pool: Infield
Job Number: 647
API #: 15-065-24233

DATE

March

04

2023

DST #2 Formation: Lansing Test Interval: 3605 - Total Depth: 3630'
3630'

Time On: 00:51 03/04

Time Off: 08:23 03/04

Time On Bottom: 03:36 03/04

Time Off Bottom: 05:36 03/04

Down Hole Makeup

Heads Up: 17.57 FT

Packer 1: 3599.5 FT

Drill Pipe: 3589 FT

Packer 2: 3605 FT

ID-3 1/2

Top Recorder: 3588.42 FT

Weight Pipe: FT

Bottom Recorder: 3607 FT

Collars: FT

Well Bore Size: 7 7/8

ID-2 1/4

Surface Choke: 1"

Test Tool: 34.57 FT

Bottom Choke: 5/8"

ID-3 1/2-FH

Jars

Safety Joint

Total Anchor: 25

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): FT

4 1/2-FH

Change Over: FT

Drill Pipe: (in anchor): FT

ID-3 1/2

Change Over: FT

Perforations: (below): 24 FT

4 1/2-FH



Operation:

Well Complete

**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #2-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2329 GL
Field Name: Alda South
Pool: Infield
Job Number: 647
API #: 15-065-24233

DATE

March

04

2023

DST #2 Formation: Lansing Test Interval: 3605 - 3630' Total Depth: 3630'

Time On: 00:51 03/04

Time Off: 08:23 03/04

Time On Bottom: 03:36 03/04

Time Off Bottom: 05:36 03/04

Mud Properties

Mud Type: Chemical

Weight: 9.2

Viscosity: 51

Filtrate: 8.0

Chlorides: 4,000 ppm



Operation:

Well Complete

**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #2-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2329 GL
Field Name: Alda South
Pool: Infield
Job Number: 647
API #: 15-065-24233

DATE

March

04

2023

DST #2 Formation: Lansing Test Interval: 3605 - Total Depth: 3630'
3630'

Time On: 00:51 03/04

Time Off: 08:23 03/04

Time On Bottom: 03:36 03/04

Time Off Bottom: 05:36 03/04

Gas Volume Report

1st Open

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

2nd Open

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



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #2-21**

Operation:

Well Complete

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2329 GL
Field Name: Alda South
Pool: Infield
Job Number: 647
API #: 15-065-24233

DATE

March

04

2023

DST #3

Formation: Lansing

**Test Interval: 3639 -
3664'**

Total Depth: 3664'

Time On: 15:45 03/04

Time Off: 22:01 03/04

Time On Bottom: 17:50 03/04

Time Off Bottom: 21:05 03/04

Electronic Volume

Estimate:

8'

1st Open

Minutes: 30

Current Reading:

.7" at 30 min

Max Reading: .8"

1st Close

Minutes: 45

Current Reading:

0" at 45 min

Max Reading: 0"

2nd Open

Minutes: 50

Current Reading:

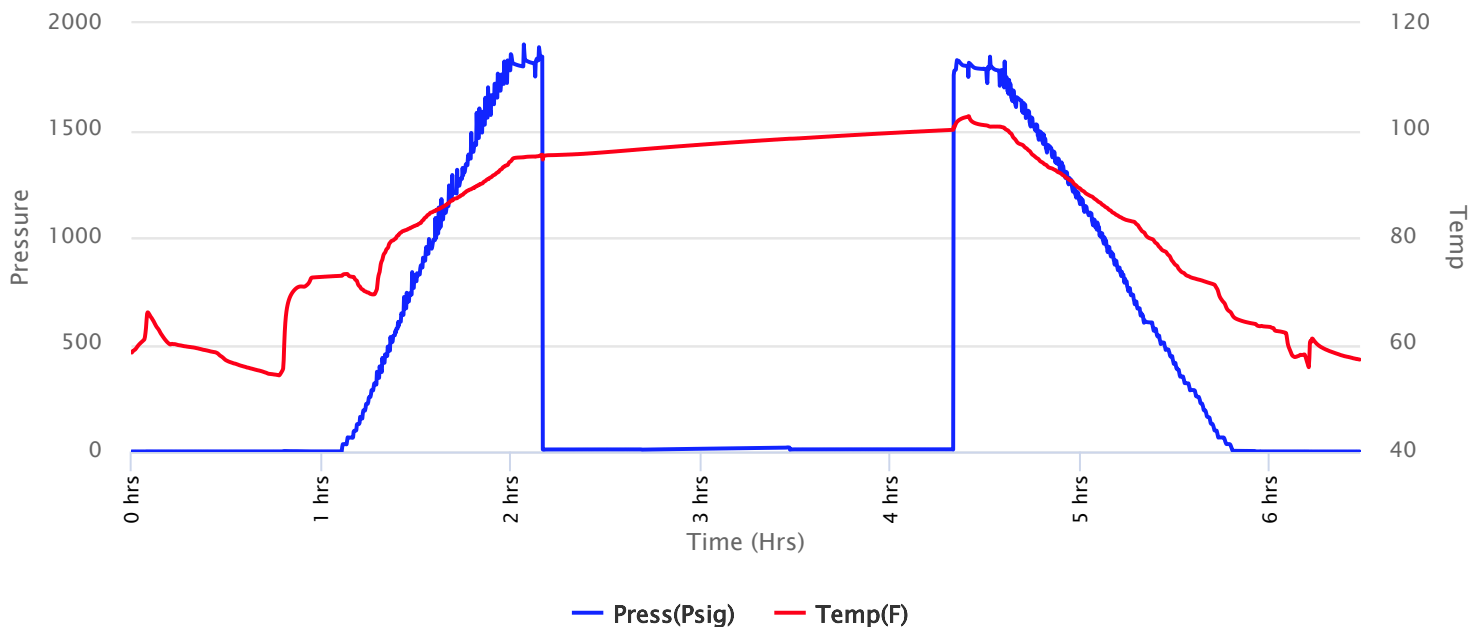
0" at 50 min

Max Reading: 0"

2nd Close

N/A

Inside Recorder





**Company: Satchell Creek
Petroleum, LLC
Lease: Worcestor "A" #2-21**

Operation:

Well Complete

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2329 GL
Field Name: Alda South
Pool: Infield
Job Number: 647
API #: 15-065-24233

DATE

March

04

2023

DST #3

Formation: Lansing

**Test Interval: 3639 -
3664'**

Total Depth: 3664'

Time On: 15:45 03/04

Time Off: 22:01 03/04

Time On Bottom: 17:50 03/04

Time Off Bottom: 21:05 03/04

Recovered

Foot

BBLs

.5

0

Description of Fluid

SLOCM

Gas %

0

Oil %

1

Water %

0

Mud %

99

Total Recovered: 0.5 ft

Total Barrels Recovered: 0

Reversed Out

NO

Initial Hydrostatic Pressure 1844 PSI

Initial Flow 10 to 19 PSI

Initial Closed in Pressure 9 PSI

Final Flow Pressure 11 to 11 PSI

Final Closed in Pressure 0 PSI

Final Hydrostatic Pressure 1802 PSI

Temperature 103 °F

Pressure Change Initial 0.0 %

Close / Final Close



Operation:

Well Complete

**Company: Satchell Creek
Petroleum, LLC
Lease: Worchester "A" #2-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2329 GL
Field Name: Alda South
Pool: Infield
Job Number: 647
API #: 15-065-24233

DATE

March

04

2023

DST #3

Formation: Lansing

**Test Interval: 3639 -
3664'**

Total Depth: 3664'

Time On: 15:45 03/04

Time Off: 22:01 03/04

Time On Bottom: 17:50 03/04

Time Off Bottom: 21:05 03/04

BUCKET MEASUREMENT:

1st Open: .1 in. blow building to 3/4 in.

1st Close: No blow back.

2nd Open: No blow.

2nd Close: N/A

REMARKS:

Pulled tool during final flow.

Tool Sample: 0% Gas 1% Oil 0% Water 99% Mud



Operation:

Well Complete

**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #2-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2329 GL
Field Name: Alda South
Pool: Infield
Job Number: 647
API #: 15-065-24233

DATE

March

04

2023

DST #3 Formation: Lansing Test Interval: 3639 - Total Depth: 3664'
3664'

Time On: 15:45 03/04

Time Off: 22:01 03/04

Time On Bottom: 17:50 03/04

Time Off Bottom: 21:05 03/04

Down Hole Makeup

Heads Up: 14.71 FT

Packer 1: 3633.5 FT

Drill Pipe: 3620.14 FT

Packer 2: 3639 FT

ID-3 1/2

Top Recorder: 3622.42 FT

Weight Pipe: FT

Bottom Recorder: 1 FT

Collars: FT

Well Bore Size: 7 7/8

ID-2 1/4

Surface Choke: 1"

Test Tool: 34.57 FT

Bottom Choke: 5/8"

ID-3 1/2-FH

Jars

Safety Joint

Total Anchor: 25

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): FT

4 1/2-FH

Change Over: FT

Drill Pipe: (in anchor): FT

ID-3 1/2

Change Over: FT

Perforations: (below): 24 FT

4 1/2-FH



Operation:

Well Complete

**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #2-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2329 GL
Field Name: Alda South
Pool: Infield
Job Number: 647
API #: 15-065-24233

DATE

March

04

2023

DST #3

Formation: Lansing

**Test Interval: 3639 -
3664'**

Total Depth: 3664'

Time On: 15:45 03/04

Time Off: 22:01 03/04

Time On Bottom: 17:50 03/04

Time Off Bottom: 21:05 03/04

Mud Properties

Mud Type: Chemical

Weight: 9.4

Viscosity: 52

Filtrate: 8.8

Chlorides: 5,000 ppm



Operation:

Well Complete

**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #2-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2329 GL
Field Name: Alda South
Pool: Infield
Job Number: 647
API #: 15-065-24233

DATE

March

04

2023

DST #3

Formation: Lansing

**Test Interval: 3639 -
3664'**

Total Depth: 3664'

Time On: 15:45 03/04

Time Off: 22:01 03/04

Time On Bottom: 17:50 03/04

Time Off Bottom: 21:05 03/04

Gas Volume Report

1st Open

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

2nd Open

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



Operation:

Well Complete

Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #2-21

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2329 GL
Field Name: Alda South
Pool: Infield
Job Number: 647
API #: 15-065-24233

DATE

March

06

2023

DST #4 Formation: Arbuckle Test Interval: 3815 - 3835' Total Depth: 3883'

Time On: 06:27 03/06

Time Off: 11:59 03/06

Time On Bottom: 08:20 03/06

Time Off Bottom: 00:00 01/01

Electronic Volume
Estimate:

0'

1st Open

N/A

1st Close

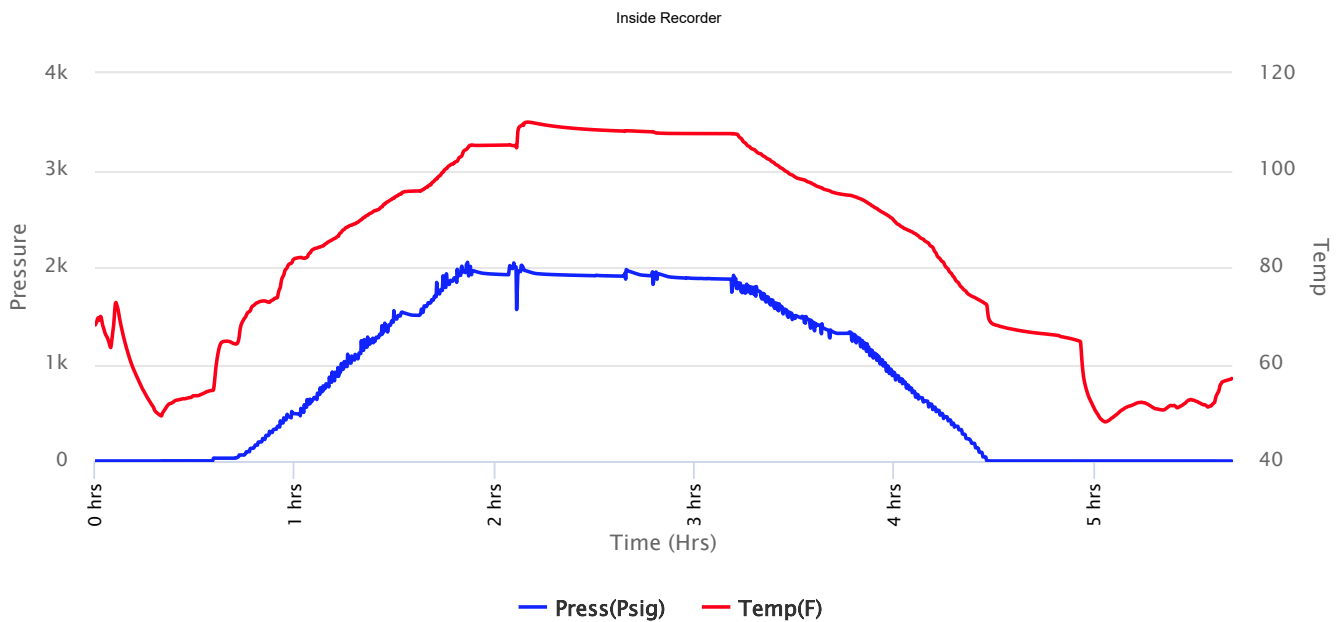
N/A

2nd Open

N/A

2nd Close

N/A



**Operation:**

Well Complete

Company: Satchell Creek Petroleum, LLC Lease: Worcester "A" #2-21

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2329 GL
Field Name: Alda South
Pool: Infield
Job Number: 647
API #: 15-065-24233

DATE

March

06

2023

DST #4 **Formation: Arbuckle** **Test Interval: 3815 - 3835'** **Total Depth: 3883'**

Time On: 06:27 03/06

Time Off: 11:59 03/06

Time On Bottom: 08:20 03/06

Time Off Bottom: 00:00 01/01

RecoveredFoot

90

BBLs

1.2807

Description of Fluid

M

Gas %

0

Oil %

0

Water %

0

Mud %

100

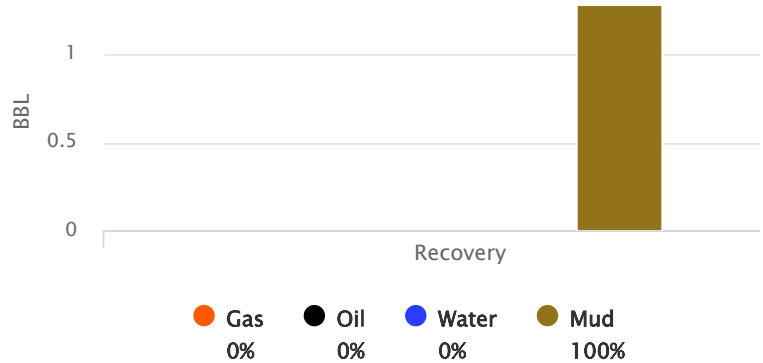
Total Recovered: 90 ft

Total Barrels Recovered: 1.2807

Reversed Out

NO

Initial Hydrostatic Pressure	2028	PSI
Initial Flow	0	PSI
Initial Closed in Pressure	0	PSI
Final Flow Pressure	0	PSI
Final Closed in Pressure	0	PSI
Final Hydrostatic Pressure	1877	PSI
Temperature	108	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance

GIP cubic foot volume: 0



Operation:

Well Complete

**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #2-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2329 GL
Field Name: Alda South
Pool: Infield
Job Number: 647
API #: 15-065-24233

DATE

March

06

2023

DST #4 Formation: Arbuckle Test Interval: 3815 - 3835' Total Depth: 3883'

Time On: 06:27 03/06

Time Off: 11:59 03/06

Time On Bottom: 08:20 03/06

Time Off Bottom: 00:00 01/01

BUCKET MEASUREMENT:

1st Open: N/A

1st Close: N/A

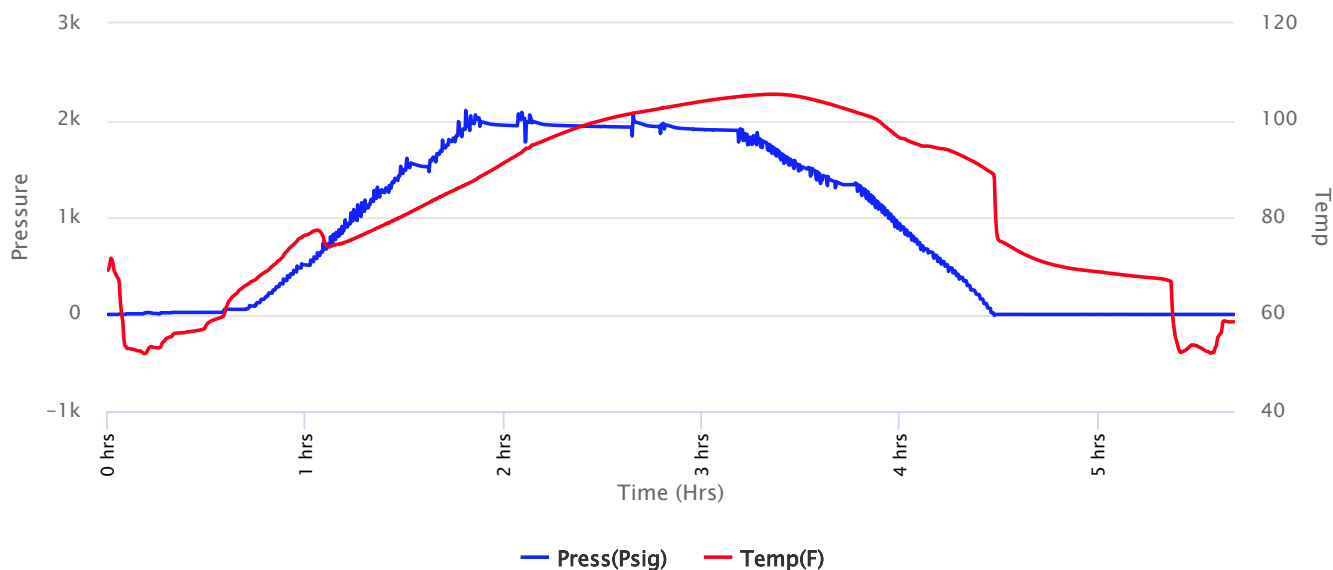
2nd Open: N/A

2nd Close: N/A

REMARKS:

MISRUN!

Below Straddle Recorder





Operation:

Well Complete

**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #2-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2329 GL
Field Name: Alda South
Pool: Infield
Job Number: 647
API #: 15-065-24233

DATE

March

06

2023

DST #4 Formation: Arbuckle Test Interval: 3815 - 3835' Total Depth: 3883'

Time On: 06:27 03/06

Time Off: 11:59 03/06

Time On Bottom: 08:20 03/06

Time Off Bottom: 00:00 01/01

Down Hole Makeup

Heads Up: 27.71 FT

Packer 1: 3809 FT

Drill Pipe: 3808.64 FT
ID-3 1/2

Packer 2: 3814.5 FT

Packer 3: 3835 FT

Weight Pipe: FT

Top Recorder: 3797.92 FT

Collars: FT
ID-2 1/4

Bottom Recorder: 3836 FT

Test Tool: 34.57 FT
*ID-3 1/2-FH
Jars
Safety Joint*

Below Straddle Recorder: 3868 FT

Well Bore Size: 7 7/8

Surface Choke: 1"

Bottom Choke: 5/8"

Total Anchor: 20.5

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 19 FT
4 1/2-FH

Change Over: .5 FT

Drill Pipe: (in anchor): FT
ID-3 1/2

Change Over: FT

Perforations: (below): FT
4 1/2-FH

STRADDLE

Straddle Packer(s): 1 FT

Change Over: .5 FT

Drill Pipe: 31 FT
ID-3 1/2"

Change Over: 1 FT

Perforations (in tail pipe): 16 FT
4 1/2-FH



Operation:

Well Complete

**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #2-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2329 GL
Field Name: Alda South
Pool: Infield
Job Number: 647
API #: 15-065-24233

DATE

March

06

2023

DST #4 Formation: Arbuckle Test Interval: 3815 - 3835' Total Depth: 3883'

Time On: 06:27 03/06

Time Off: 11:59 03/06

Time On Bottom: 08:20 03/06

Time Off Bottom: 00:00 01/01

Mud Properties

Mud Type: Chemical

Weight: 9.4

Viscosity: 52

Filtrate: 8.8

Chlorides: 5,000 ppm



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #2-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 3
Elevation: 2329 GL
Field Name: Alda South
Pool: Infield
Job Number: 647
API #: 15-065-24233

Operation:

Well Complete

DATE

March

06

2023

DST #4 Formation: Arbuckle Test Interval: 3815 - 3835' Total Depth: 3883'

Time On: 06:27 03/06

Time Off: 11:59 03/06

Time On Bottom: 08:20 03/06

Time Off Bottom: 00:00 01/01

Gas Volume Report

1st Open

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

2nd Open

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



Date 3-17-23

PERFORATING					
Description	No. Shots	Depth		Amount	
		From	To		
Perforate 4 11	24	3798	3804	4050	00
6x4	32	3610	3618	4810	00
8x4	24	3596	3602	4050	00
6x4	24	3550	3558	4050	00
6x4	24	3500	3506	4050	00

[illegible]

MISCELLANEOUS			
Description		Quantity	Amount
Service Charge	Truck Rental 902	1	1500 00
T.J.	9:30		
A.O.L.	9:00		
S.J.	9:45		
F.J.	11:30 T.W.T.		

PRICES SUBJECT TO CORRECTION BY BILLING DEPARTMENT

RECEIVED THE ABOVE SERVICES ACCORDING TO THE TERMS AND
CONDITIONS SPECIFIED ON THE REVERSE SIDE TO WHICH WE
HEREBY AGREE.

HEREBY AGREE.

[Signature] 3-17-23

Customer Signature Date

	Sub Total	22510 ⁰⁰
	Tax	
	Total	12,060 ⁰⁰



CHARGE TO: Satchell Creek Petroleum, LLC Date 03-14-2023
ADDRESS _____
R/A SOURCE NO. _____ CUSTOMER ORDER NO. NW
LEASE AND WELL NO. Worcester # A #2-21 FIELD Alda South
NEAREST TOWN Hill City COUNTY Graham STATE Kansas
SPOT LOCATION 610' FWL & 282' FEL SEC. 21 TWP. 7S RANGE 22W
ZERO KB 8' AGL CASING SIZE 5 1/2 WEIGHT _____
CUSTOMER'S T.D. 3822 LOG-TECH TD 3856 FLUID LEVEL Full
ENGINEER S. Chesney OPERATOR D. Homewood

[illegible]

PRICES SUBJECT TO CORRECTION BY BILLING DEPARTMENT

3/14/23
Date

Sub Total	6410	00
Tax		
Total	4117	00

