

Form	ACO1 - Well Completion
Operator	Joe Gerstner Oil, LLC
Well Name	RODENBERG 1
Doc ID	1729112

Tops

Name	Top	Datum
Anhydrite	2269	+685
Base Anhydrite	2291	+663
Heebner	3874	-920
Lansing	3918	-964
Muncie Cr	4098	-1144
Stark Sh	4197	-1243
Hushpuckney	4239	-1285
BKC	4279	-1325
Marmaton	4323	-1369
Pawnee	4404	-1450
Myrick Station	4436	-1482
Ft Scott	4451	-1497
Cherokee Shale	4472	-1518
Miss	4546	-1592

Form	ACO1 - Well Completion
Operator	Joe Gerstner Oil, LLC
Well Name	RODENBERG 1
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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	8.785	23	220	standard	150	2%gel3% C
Production	7.785	5.5	17	4624	EA-2	150	2%KCL

Services

RIG: Pickrell Drilling, Rig #10

MUD: MUDCO

LOGS: Gemini Wireline; CNDL, PE, ML, DIL

Casing Record

SURFACE Casing: Ran 5 jts new 8 5/8", 23# casing set at 220'

PRODUCTION Casing: Ran 115 jts used 5.5", 17# casing cemented with 150 sacks at 4624', port collar at 2339'.

Formation Tops

Sample Tops

Anhy.	2269 (+685)
Base Anhy.	2291 (+663)
Heebner	3874 (-920)
Lansing	3918 (-964)
Muncie Cr.	4098 (-1144)
Stark Sh	4197 (-1243)
Hush. Sh.	4239 (-1285)
BKC	4279 (-1325)
Marmaton	4323 (-1369)
Pawnee	4404 (-1450)
Myrick St.	4436 (-1482)
Ft. Scott	4451 (-1497)
Cher. Sh.	4472 (-1518)
Miss.	4546 (-1592)
RTD	4630 (-1676)

Log Tops

Anhy.	2268 (+686)
Base Anhy.	2285 (+669)
Heebner	3874 (-920)
Lansing	3920 (-966)
Muncie Cr.	4096 (-1142)
Stark Sh.	4193 (-1239)
Hush. Sh.	4234 (-1280)
BKC	4275 (-1321)
Marmaton	4334 (-1380)
Pawnee	4402 (-1448)
Myrick St.	4434 (-1480)
Ft. Scott	4449 (-1495)
Cher. Sh.	4470 (-1516)
Miss.	4539 (-1585)
LTD	4637 (-1673)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Joe Gerstner Oil LLC

17-18S-31W Scott, KS

PO Box 509
Ness City, KS 67560

Rodenberg #1

Job Ticket: 70837

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2023.07.22 @ 21:45:00

GENERAL INFORMATION:

Formation: Crider

Deviated: No Whipstock ft (KB)

Time Tool Opened: 23:57:40

Time Test Ended: 03:42:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Martine Salinas

Unit No: 82

Interval: 2731.00 ft (KB) To 2820.00 ft (KB) (TVD)

Total Depth: 2820.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2954.00 ft (KB)

2947.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8734

Outside

Press@RunDepth: 207.03 psig @ 2732.00 ft (KB)

Start Date: 2023.07.22

End Date:

2023.07.23

Start Time: 21:45:01

End Time:

03:42:00

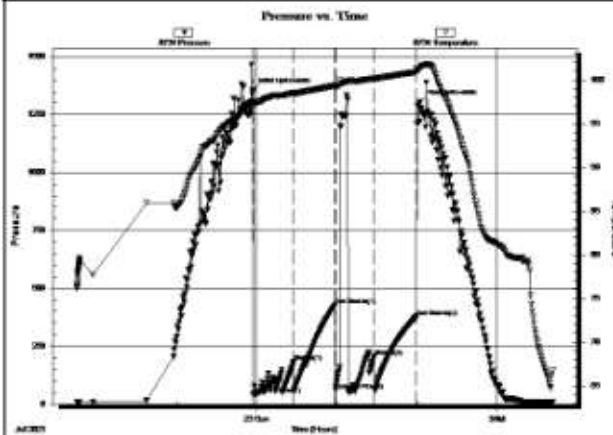
Capacity: 8000.00 psig

Last Calib.: 2023.07.23

Time On Btm: 2023.07.22 @ 23:57:00

Time Off Btm: 2023.07.23 @ 02:02:39

TEST COMMENT: 30-IF-Blow built to 2 1/2" & decreased to 2"
30-ISI-No return
30-FF-No blow
30-FSI-No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1354.40	97.49	Initial Hydro-static
1	41.75	97.15	Open To Flow (1)
31	184.32	98.52	Shut-In(1)
62	426.06	99.34	End Shut-In(1)
62	62.53	99.14	Open To Flow (2)
92	207.03	100.16	Shut-In(2)
123	378.10	100.90	End Shut-In(2)
126	1304.23	101.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	100 % Mud	0.30

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (M/cfd)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Joe Gerstner Oil LLC

17-18S-31W Scott,KS

PO Box 509
Ness City, KS 67560

Rodenberg #1

Job Ticket: 70838

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2023.07.25 @ 01:16:00

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock ft (KB)

Time Tool Opened: 03:38:20

Time Test Ended: 07:59:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 82

Interval: 3878.00 ft (KB) To 3916.00 ft (KB) (TVD)

Total Depth: 3916.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2954.00 ft (KB)

2947.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8734

Outside

Press@RunDepth: 205.96 psig @ 3879.00 ft (KB)

Start Date: 2023.07.25

End Date:

2023.07.25

Capacity: 8000.00 psig

Last Calib.: 2023.07.25

Start Time: 01:16:01

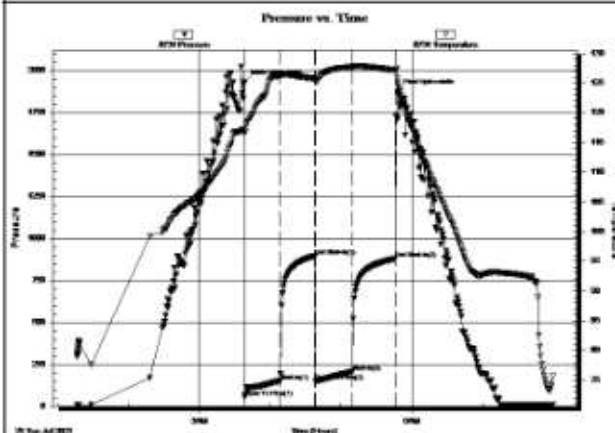
End Time:

07:59:30

Time On Btm: 2023.07.25 @ 03:38:10

Time Off Btm: 2023.07.25 @ 05:48:20

TEST COMMENT: 30-IF-B.O.B (11 inches) @ 19 mins (Blow built to 14 3/4"
30-ISI-No return
30-FF-Blow built to 10 1/4"
30-FSI-Return blow @ 10 mins built to 1/2"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1930.62	117.24	Initial Hydro-static
1	52.86	116.58	Open To Flow (1)
31	151.51	126.37	Shut-in (1)
60	895.45	125.73	End Shut-in (1)
61	147.65	125.28	Open To Flow (2)
92	205.96	127.65	Shut-in (2)
128	879.14	127.19	End Shut-in (2)
131	1876.58	124.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	SMOCW 9%M,10%O, 81%W	1.41
250.00	GSMWO 17%G,12%M,29%W,42%O	3.51
0.00	60' GIP	0.00

* Recovery from multiple tests

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Joe Gerstner Oil LLC

PO Box 509
Ness City, KS 67560

ATTN: Andrew Stenzel

17-18S-31W Scott, KS

Rodenberg #1

Job Ticket: 70839

DST#: 3

Test Start: 2023.07.25 @ 18:18:00

GENERAL INFORMATION:

Formation: LKC "C"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:18:20

Time Test Ended: 00:17:50

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 82

Interval: 3957.00 ft (KB) To 3968.00 ft (KB) (TVD)

Total Depth: 3968.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2954.00 ft (KB)

2947.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8734

Outside

Press@RunDepth: 31.45 psig @ 3958.00 ft (KB)

Start Date: 2023.07.25

End Date:

2023.07.26

Start Time: 18:18:01

End Time:

00:17:50

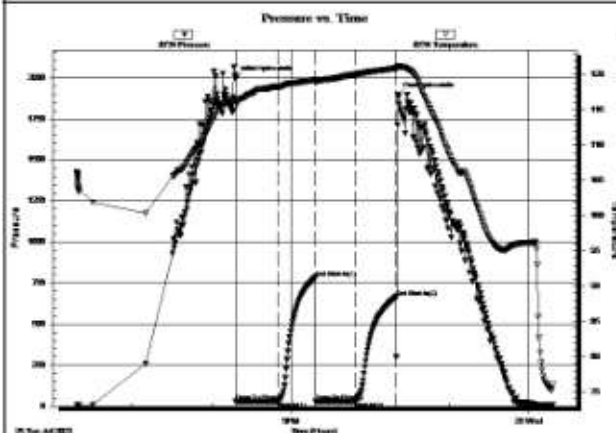
Capacity: 8000.00 psig

Last Calib.: 2023.07.26

Time On Btm: 2023.07.25 @ 20:18:10

Time Off Btm: 2023.07.25 @ 22:20:50

TEST COMMENT: 30-F-Weak surface bubbles dead @ 13 mins
30-ISI-No return
30-FF-No blow
30-FSI-No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1999.88	116.46	Initial Hydro-static
1	27.83	115.34	Open To Flow (1)
32	28.78	118.29	Shut-In(1)
60	783.64	119.30	End Shut-In(1)
61	29.38	118.89	Open To Flow (2)
90	31.45	120.05	Shut-In(2)
122	665.51	120.92	End Shut-In(2)
123	1894.99	121.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100% Mud	0.02

* Recovery from multiple tests

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Joe Gerstner Oil LLC

17-18S-31W Scott,KS

PO Box 509
Ness City, KS 67560

Rodenberg #1

Job Ticket: 70840

DST#: 4

ATTN: Andrew Stenzel

Test Start: 2023.07.26 @ 08:37:00

GENERAL INFORMATION:

Formation: LKC " E "

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:29:50

Time Test Ended: 15:39:20

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 82

Interval: 4003.00 ft (KB) To 4025.00 ft (KB) (TVD)

Total Depth: 4025.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2954.00 ft (KB)

2947.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8734

Outside

Press@RunDepth: 461.56 psig @ 4004.00 ft (KB)

Start Date: 2023.07.26

End Date: 2023.07.26

Start Time: 09:37:01

End Time: 15:39:20

Capacity: 8000.00 psig

Last Calib.: 2023.07.26

Time On Btm: 2023.07.26 @ 11:29:40

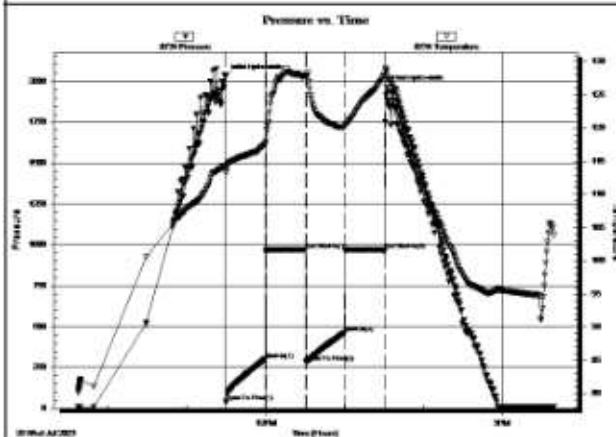
Time Off Btm: 2023.07.26 @ 13:32:10

TEST COMMENT: 30-F-B.O.B(11 inches) @ 8 mins (blow built to 32")

30-ISI-No return

30-FF-B.O.B @ 10 mins (blow built to 29")

30-FSI-No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2031.16	114.34	Initial Hydro-static
1	39.17	113.31	Open To Flow (1)
31	299.86	117.60	Shut-In(1)
61	970.99	127.98	End Shut-In(1)
61	282.86	127.69	Open To Flow (2)
91	461.56	120.21	Shut-In(2)
121	971.09	128.03	End Shut-In(2)
123	1961.20	128.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
975.00	OSMCW 3%O, 7%M,90%W	12.57

* Recovery from multiple tests

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Joe Gerstner Oil LLC

17-18S-31W Scott,KS

PO Box 509
Ness City, KS 67560

Rodenberg #1

Job Ticket: 70841

DST#: 5

ATTN: Andrew Stenzel

Test Start: 2023.07.27 @ 08:22:00

GENERAL INFORMATION:

Formation: LKC "H & I"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:13:10

Time Test Ended: 12:30:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 82

Interval: 4090.00 ft (KB) To 4156.00 ft (KB) (TVD)

Total Depth: 4156.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2954.00 ft (KB)

2947.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8734

Outside

Press@RunDepth: 465.17 psig @ 4091.00 ft (KB)

Start Date: 2023.07.27

End Date: 2023.07.27

Start Time: 08:22:01

End Time: 12:30:30

Capacity: 8000.00 psig

Last Calib.: 2023.07.27

Time On Btm: 2023.07.27 @ 08:12:50

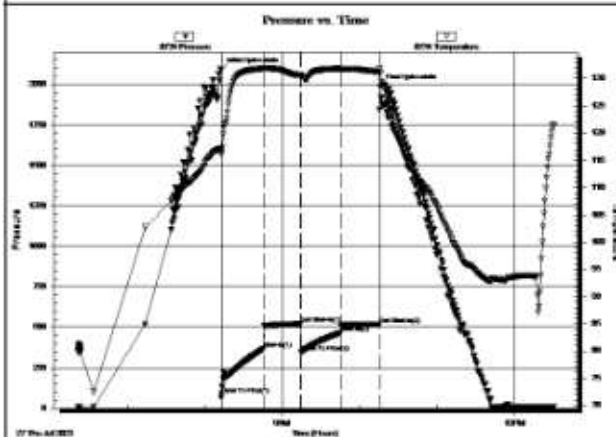
Time Off Btm: 2023.07.27 @ 10:16:20

TEST COMMENT: 30-F-B.O.B (11 inches) @ 6 mins (Blow built to 45 1/4")

30-ISI-No return

30-FF-B.O.B @ 15 mins (Blow built to 16")

30-FSI-No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2089.49	117.00	Initial Hydro-static
1	89.64	116.53	Open To Flow (1)
33	367.38	131.89	Shut-In(1)
62	520.64	130.64	End Shut-In(1)
62	346.88	130.53	Open To Flow (2)
93	465.17	131.79	Shut-In(2)
123	516.49	131.32	End Shut-In(2)
124	1984.18	130.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
600.00	MCW W/Oil scum 9%M, 91%W	7.31
375.00	HMCW W/Oil scum 30%M, 70%W	5.26

* Recovery from multiple tests

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Joe Gerstner Oil LLC

17-18S.-31W. Scott,KS

PO Box 509
Ness City, KS 67560

Rodenberg #1

Job Ticket: 70842

DST#: 6

ATTN: Andrew Stenzel

Test Start: 2023.07.27 @ 21:20:00

GENERAL INFORMATION:

Formation: LKC " J "

Deviated: No Whipstock ft (KB)

Time Tool Opened: 23:06:00

Time Test Ended: 04:31:50

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 82

Interval: 4165.00 ft (KB) To 4183.00 ft (KB) (TVD)

Total Depth: 4183.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2954.00 ft (KB)

2947.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8734

Outside

Press@RunDepth: 169.40 psig @ 4166.00 ft (KB)

Start Date: 2023.07.27

End Date:

2023.07.28

Capacity: 8000.00 psig

Last Calib.:

2023.07.28

Start Time: 21:20:01

End Time:

04:31:50

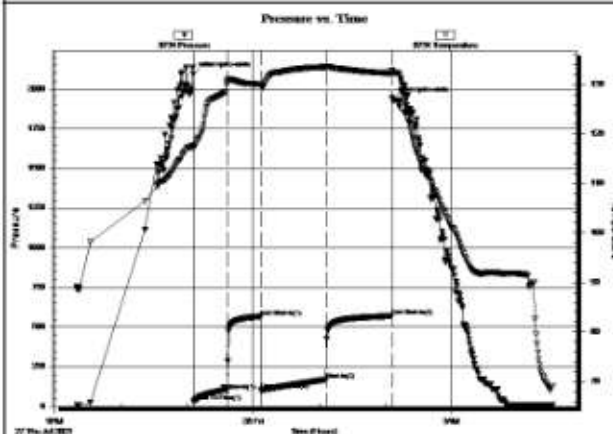
Time On Btm

2023.07.27 @ 23:05:40

Time Off Btm

2023.07.28 @ 02:06:30

TEST COMMENT: 30-F-Blow built to 5 1/4"
30-ISI-No return
60-FF-Blow built to 3 1/4"
60-FSI-No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2095.63	117.63	Initial Hydro-static
1	31.91	116.95	Open To Flow (1)
31	99.88	130.51	Shut-In(1)
62	567.21	129.94	End Shut-In(1)
62	102.30	129.74	Open To Flow (2)
121	169.40	133.48	Shut-In(2)
180	569.23	132.20	End Shut-In(2)
181	1932.75	132.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
295.00	SOMCW 9%O, 16%M, 75%W	3.03
15.00	CO 100%O	0.21

* Recovery from multiple tests

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (M/cfd)
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Joe Gerstner Oil LLC

PO Box 509
Ness City, KS 67560

ATTN: Andrew Stenzel

17-18S.-31W. Scott,KS

Rodenberg #1

Job Ticket: 70843

DST#: 7

Test Start: 2023.07.28 @ 12:15:00

GENERAL INFORMATION:

Formation: LKC "K"

Deviated: No Whipstock ft (KB)

Time Tool Opened: 14:24:10

Time Test Ended: 18:19:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 82

Interval: 4190.00 ft (KB) To 4215.00 ft (KB) (TVD)

Total Depth: 4215.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2954.00 ft (KB)

2947.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8734

Outside

Press@RunDepth: 28.60 psig @ 4191.00 ft (KB)

Start Date: 2023.07.28

End Date:

2023.07.28

Start Time: 12:15:01

End Time:

18:19:30

Capacity: 8000.00 psig

Last Calib.: 2023.07.28

Time On Btm: 2023.07.28 @ 14:24:00

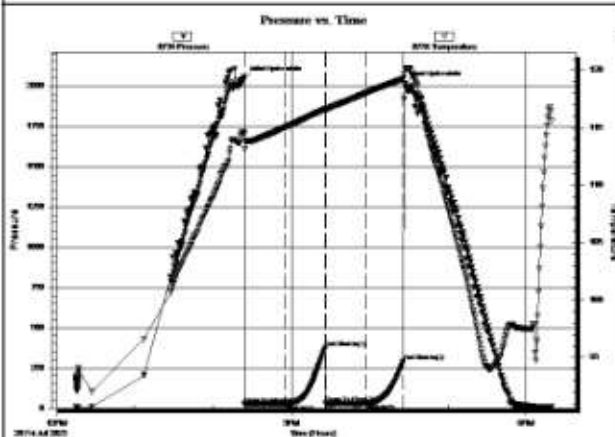
Time Off Btm: 2023.07.28 @ 16:27:20

TEST COMMENT: 30-IF-Surface blow dead @ 8 mins

30-ISI-No return

30-FF-No blow

30-FSI-No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2045.84	114.47	Initial Hydro-static
1	25.29	113.13	Open To Flow (1)
32	27.32	115.06	Shut-In(1)
63	373.73	116.64	End Shut-In(1)
63	27.73	116.52	Open To Flow (2)
94	28.60	118.04	Shut-In(2)
122	291.25	119.26	End Shut-In(2)
124	2014.63	120.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	OCM 25%O, 75% M	0.02

* Recovery from multiple tests

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Joe Gerstner Oil LLC

PO Box 509
Ness City, KS 67560

ATTN: Andrew Stenzel

17-18S.-31W. Scott,KS

Rodenberg #1

Job Ticket: 70844

DST#: 8

Test Start: 2023.07.29 @ 03:10:00

GENERAL INFORMATION:

Formation: LKC " L "

Deviated: No Whipstock ft (KB)

Time Tool Opened: 05:30:20

Time Test Ended: 09:22:00

Interval: 4234.00 ft (KB) To 4248.00 ft (KB) (TVD)

Total Depth: 4248.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 82

Reference Elevations: 2954.00 ft (KB)

2947.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8734

Outside

Press@RunDepth: 26.75 psig @ 4235.00 ft (KB)

Start Date: 2023.07.29

End Date:

2023.07.29

Start Time: 03:10:01

End Time:

09:22:00

Capacity: 8000.00 psig

Last Calib.: 2023.07.29

Time On Btm: 2023.07.29 @ 05:30:10

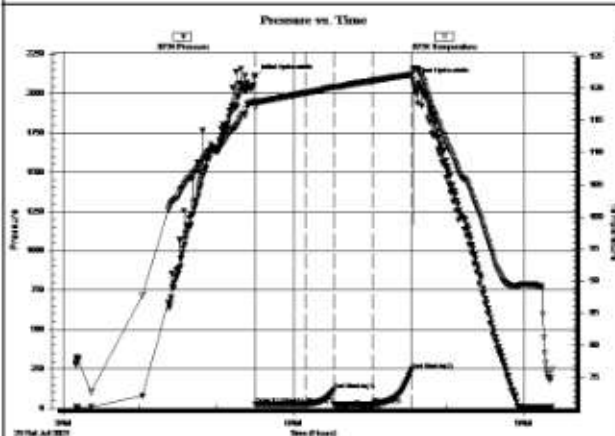
Time Off Btm: 2023.07.29 @ 07:33:00

TEST COMMENT: 30-F-1/4" blow dead @ 13 mins

30-ISI-No return

30-FF-No blow

30-FSI-No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2108.86	118.06	Initial Hydro-static
1	24.12	117.00	Open To Flow (1)
40	26.56	119.33	Shut-In(1)
62	115.14	120.21	End Shut-In(1)
62	26.44	120.18	Open To Flow (2)
92	26.75	121.20	Shut-In(2)
123	246.25	122.14	End Shut-In(2)
123	2084.18	122.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	OCM 15%O, 85%M	0.01

* Recovery from multiple tests

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (M/cfd)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Joe Gerstner Oil LLC

PO Box 509
Ness City, KS 67560

ATTN: Andrew Stenzel

17-18S.-31W. Scott, KS

Rodenberg #1

Job Ticket: 70845

DST#: 9

Test Start: 2023.07.29 @ 22:50:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock ft (KB)

Time Tool Opened: 00:46:30

Time Test Ended: 04:59:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 82

Interval: 4276.00 ft (KB) To 4360.00 ft (KB) (TVD)

Total Depth: 4360.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2954.00 ft (KB)

2947.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8734

Outside

Press@RunDepth: 91.52 psig @ 4277.00 ft (KB)

Start Date: 2023.07.29

End Date:

2023.07.30

Start Time: 22:50:01

End Time:

04:59:10

Capacity: 8000.00 psig

Last Calib.: 2023.07.30

Time On Btm: 2023.07.30 @ 00:46:20

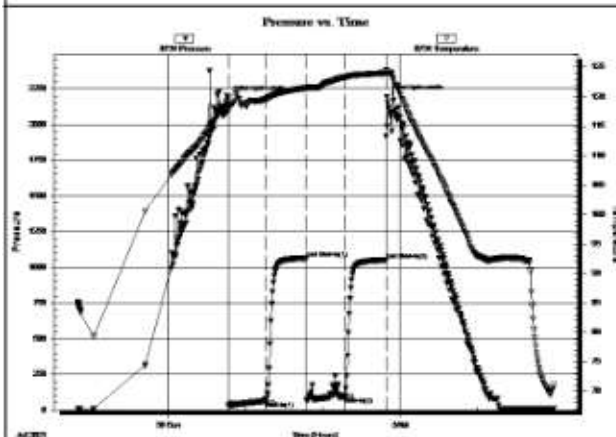
Time Off Btm: 2023.07.30 @ 02:49:50

TEST COMMENT: 30-IF-Blow built to 1 1/4"

30-ISI-No return

30-FF-Blow built to 1"

30-FSI-No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2185.45	118.25	Initial Hydro-static
1	30.08	117.32	Open To Flow (1)
29	65.44	119.52	Shut-In(1)
61	1064.74	121.48	End Shut-In(1)
62	71.16	121.40	Open To Flow (2)
91	91.52	123.29	Shut-In(2)
123	1052.72	124.03	End Shut-In(2)
124	2193.14	124.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	GOOM 5%G, 4%O, 91%M	0.71

* Recovery from multiple tests

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
--	----------------	-----------------	------------------



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Joe Gerstner Oil LLC

PO Box 509
Ness City, KS 67560

ATTN: Andrew Stenzel

17-18S.-31W. Scott,KS

Rodenberg #1

Job Ticket: 70846

DST#: 10

Test Start: 2023.07.31 @ 18:00:00

GENERAL INFORMATION:

Formation: Miss

Deviated: No Whipstock ft (KB)

Time Tool Opened: 20:17:10

Time Test Ended: 01:07:20

Interval: 4570.00 ft (KB) To 4590.00 ft (KB) (TVD)

Total Depth: 4627.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Straddle (Reset)

Tester: Martine Salinas

Unit No: 82

Reference Elevations: 2954.00 ft (KB)

2947.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8734

Outside

Press@RunDepth: 64.67 psig @ 4571.00 ft (KB)

Start Date: 2023.07.31

End Date:

2023.08.01

Start Time: 18:00:01

End Time:

01:07:20

Capacity: 8000.00 psig

Last Calib.: 2023.08.01

Time On Btm: 2023.07.31 @ 20:15:40

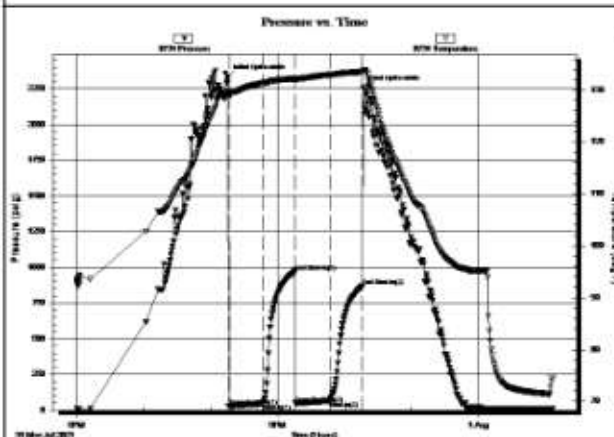
Time Off Btm: 2023.07.31 @ 22:16:50

TEST COMMENT: 30-IF-Blw ow built to 3/4" & decreased to 1/2"

30-ISI-No return

30-FF-No blow

30-FSI-No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2333.67	129.61	Initial Hydro-static
2	26.77	129.07	Open To Flow (1)
31	45.57	131.33	Shut-In(1)
60	971.59	132.19	End Shut-In(1)
61	48.81	131.88	Open To Flow (2)
91	64.67	132.93	Shut-In(2)
121	868.84	133.50	End Shut-In(2)
122	2257.44	133.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
68.00	SOOM 5%O, 95%M	0.33
2.00	CO 100%O	0.01

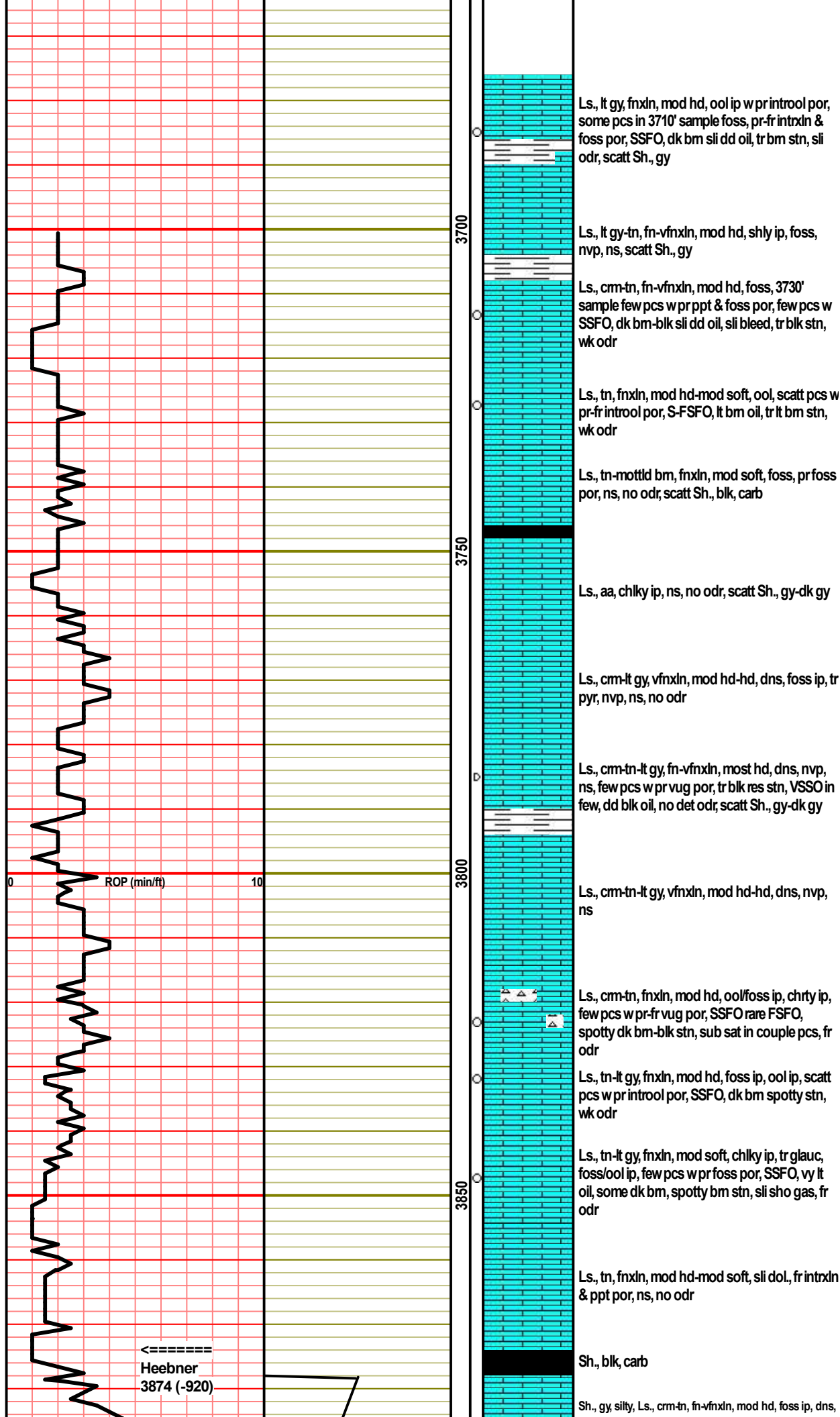
* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
--	----------------	-----------------	------------------

Shgy
Sltst
Ss
Till

BHT: 102
Gravity: —
Chlor: ———

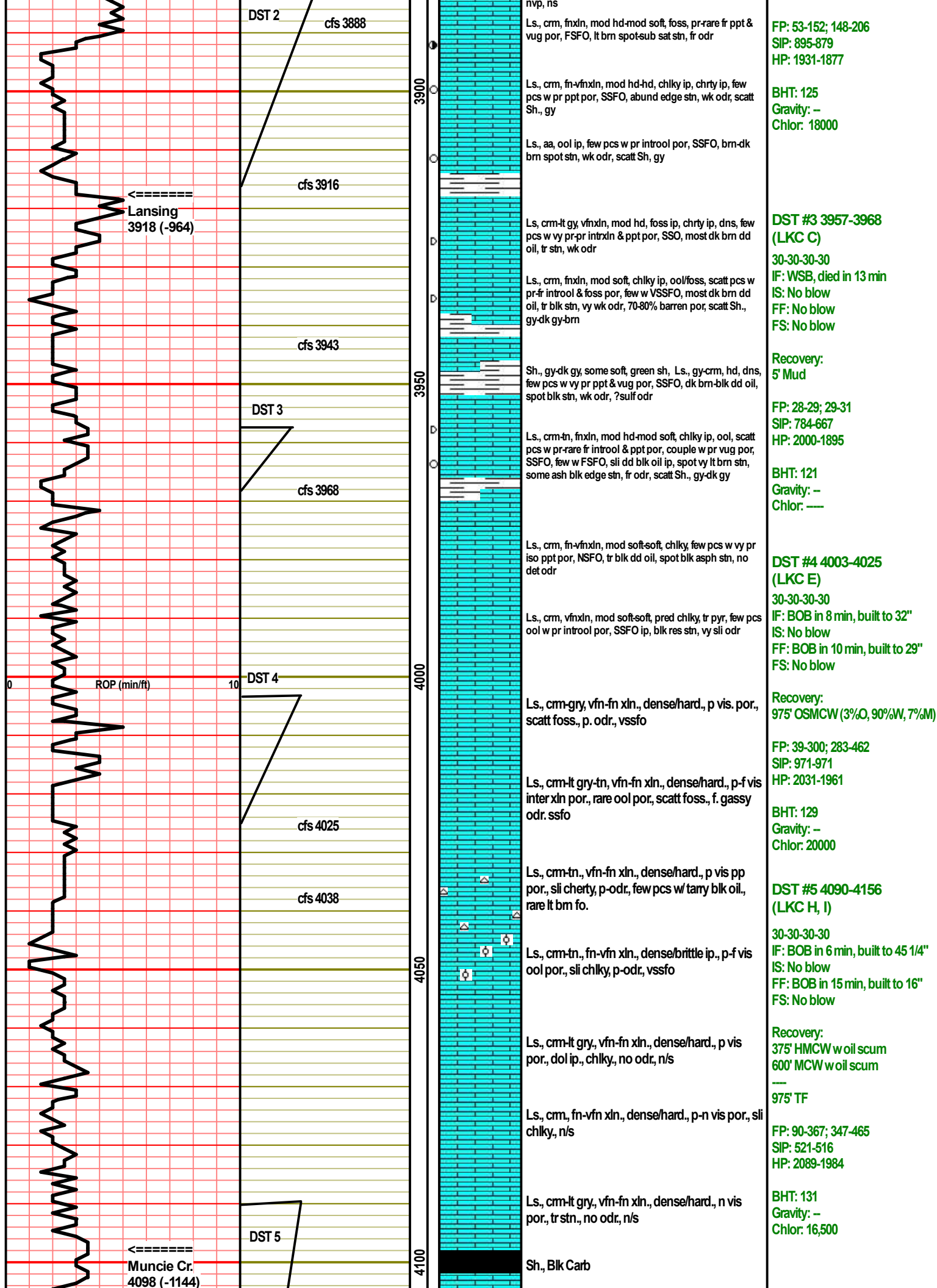


DST #2 3878-3916
(Toronto)

30-30-30-30
IF: BOB in 19 min, built to 14 3/4"
IS: No blow
FF: Built to 10 1/4"
FS: Built to 1/2"

Recovery:
60' GIP
250' GSMWO (17%G, 42%O, 29%W, 12%M)
180' SMOCW (10%O, 81%W, 9%M)

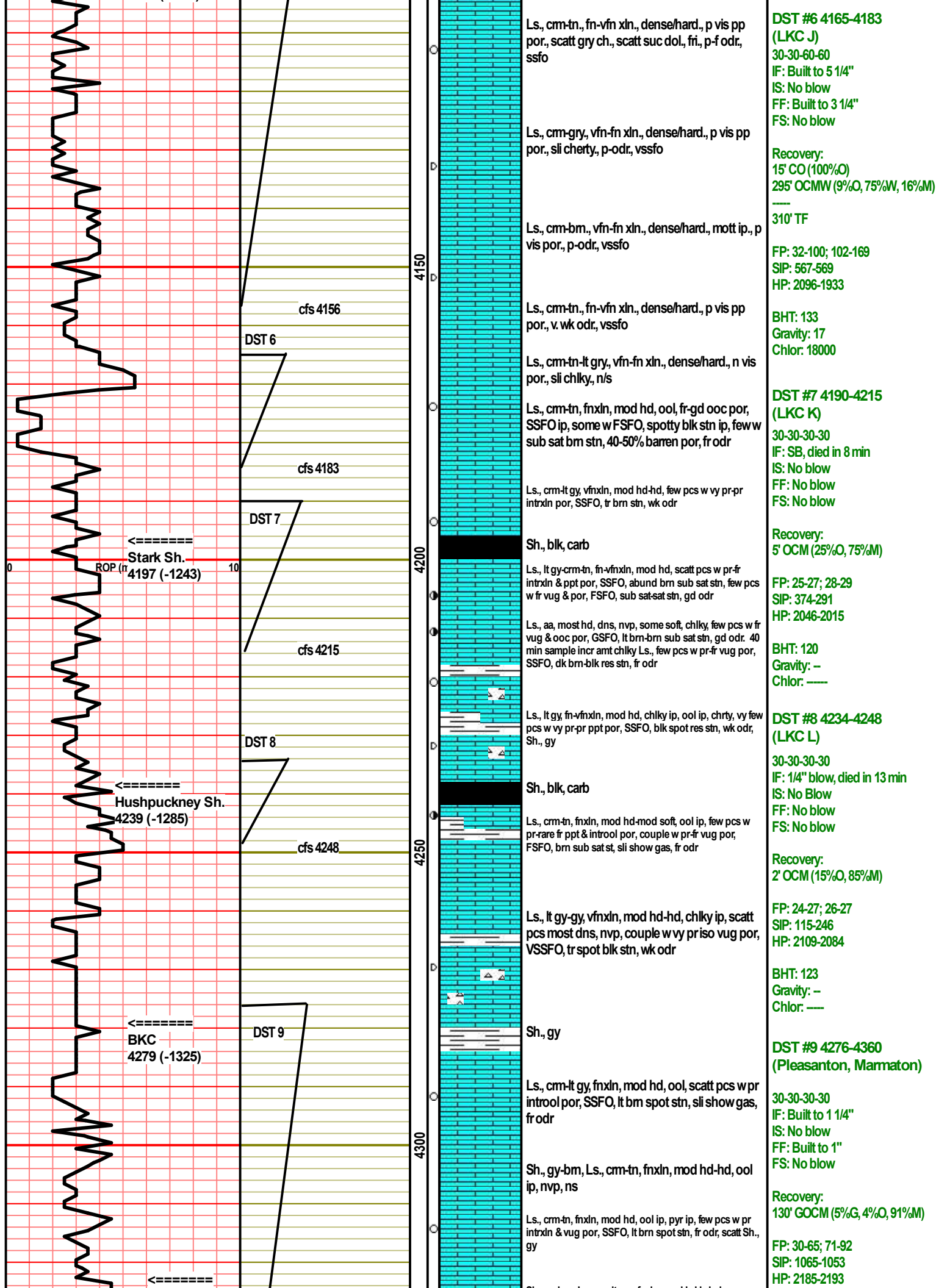
330' TF

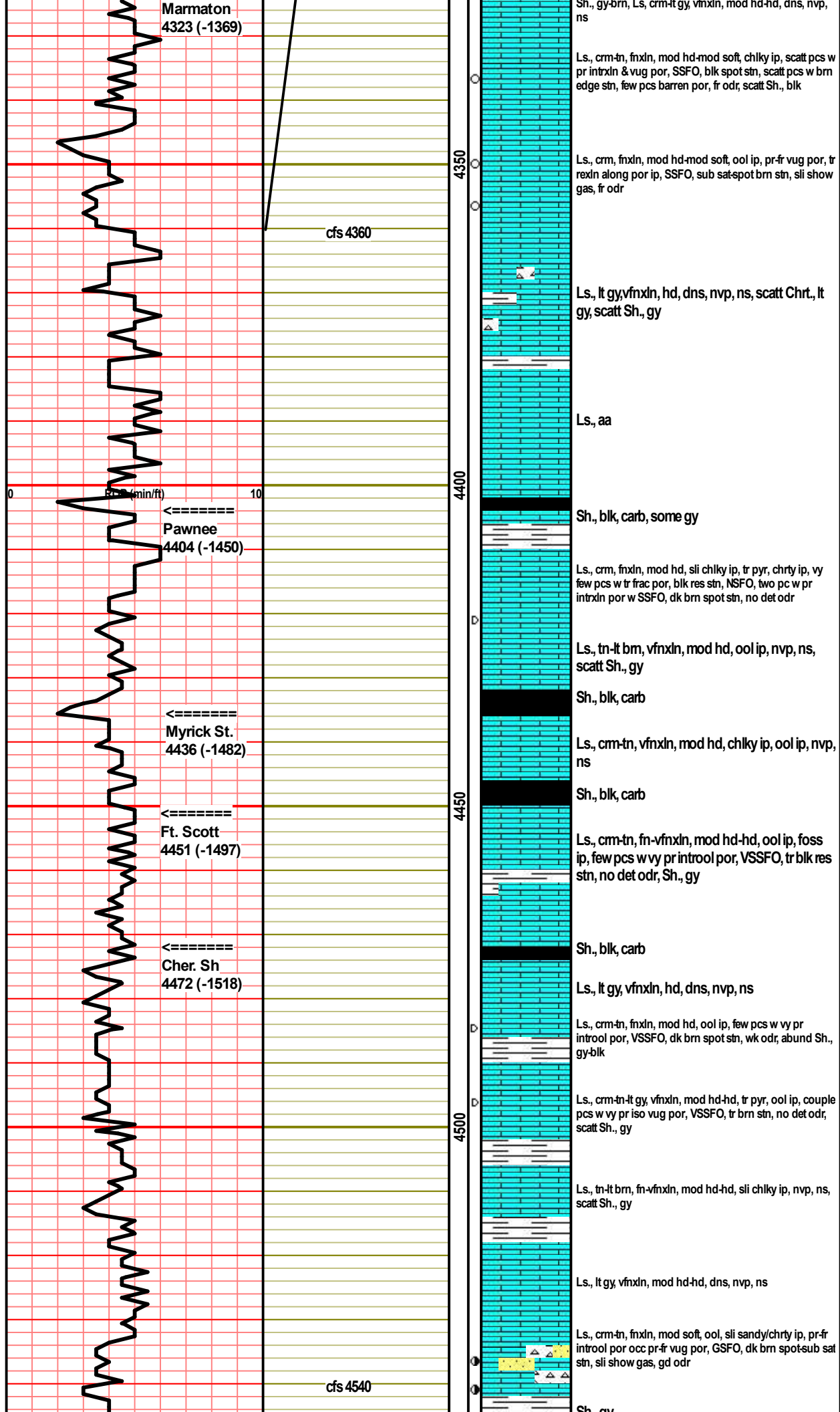


Lansing
3918 (-964)

ROP (min/ft)

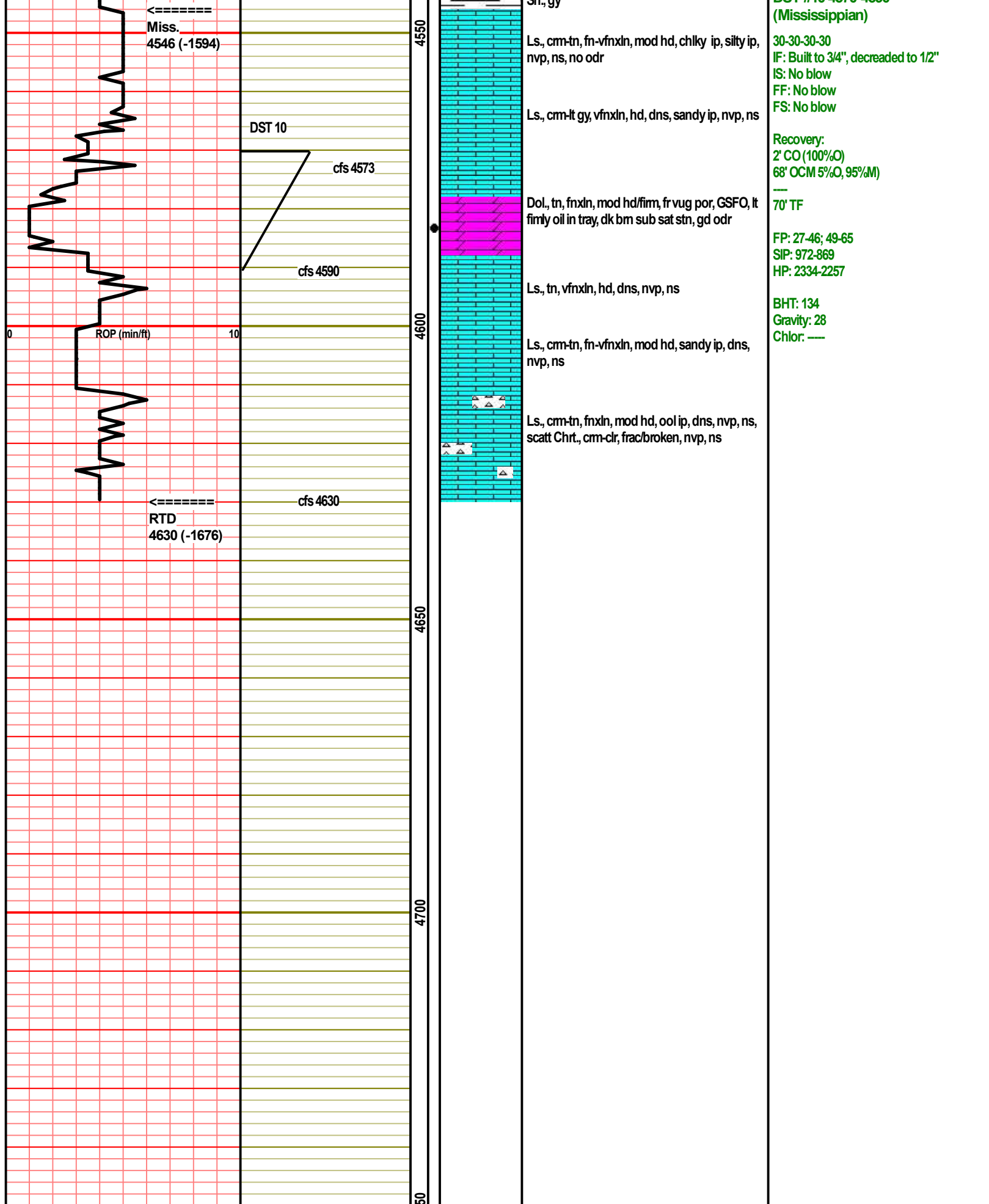
Muncie Cr.
4098 (-1144)





BHT: 124
Gravity: --
Chlor: --

DST #10 4570-4590





**P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300**

228

Invoice

DATE	INVOICE #
7/20/2023	36084

BILL TO
Joe Gerstner Oil P. O. Box 509 Ness City, KS 67560-0509

pd 8.28.23
7819
5544.62

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	Rodenberg	Scott	Pickrell	Oil	Development	Surface Pipe	Gideon
PRICE REF.		DESCRIPTION			QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way			50	Miles	8.00	400.00	
576D-S	Pump Charge - Shallow Surface (< 500 Ft.)			1	Job	1,200.00	1,200.00	
325	Standard Cement			150	Sacks	16.00	2,400.00T	
279	Bentonite Gel			3	Sack(s)	50.00	150.00T	
278	Calcium Chloride			7	Sack(s)	55.00	385.00T	
290	D-Air			2	Gallon(s)	42.00	84.00T	
581D	Service Charge Cement			150	Sacks	2.00	300.00	
583D	Drayage			369	Ton Miles	1.00	369.00	
Subtotal							5,288.00	
Sales Tax Scott County						8.50%	256.62	
We Appreciate Your Business!						Total	\$5,544.62	



Services, Inc.

CHARGE TO:

Joe Gustner O.I.

ADDRESS

CITY, STATE, ZIP CODE

TICKET

36084

PAGE 1 OF 1

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. Ness City, Kc	#7	Rodenberg	Scott	KS	Scott City	7/20/03	

2.	TICKET TYPE ☒ SERVICE ☐ SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.
		McKrell Dtg		CT	Location	

3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION
	O.I.	Development	Surface Pipe		Grigsten, 2-4, 1-N

4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS
		1/4-1, 5-1 (NTE)

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC ACCT DF	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
576			MILEAGE Truck # 115	50	mi			8.00	400.00
576			Pump Charge - Surface	1	job			1,200.00	1,200.00
326			STANDARD Cement	160	sk			16.00	2,400.00
279			BENTONITE Gel	3	sk			50.00	150.00
278			Calcium Chloride	7	sk			55.00	385.00
290			D-Air	2	gal			42.00	84.00
581			Cement Service Charge	150	sk			2.00	300.00
583			Drayage	369	mi			1.00	369.00
LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.				SURVEY		AGREE	UNDECIDED	DISAGREE	PAGE TOTAL
MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.				OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					5,288.00
X				WE UNDERSTOOD AND MET YOUR NEEDS?					
				OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
				WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
				ARE YOU SATISFIED WITH OUR SERVICE?					
				CUSTOMER DID NOT WISH TO RESPOND					
				TOTAL					5344.00

DATE SIGNED	TIME SIGNED	P.A.M.	P.M.
7/20/03	8:30	☒	☐
REMIT PAYMENT TO:			
SWIFT SERVICES, INC.			
P.O. BOX 466			
NESS CITY, KS 67560			
785-798-2300			

SWIFT OPERATOR	CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES	APPROVAL
	The customer hereby acknowledges receipt of the materials and services listed on this ticket.	
		Thank You!



P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



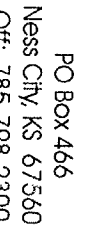
Invoice

DATE	INVOICE #
8/1/2023	36137

BILL TO
Joe Gerstner Oil P. O. Box 509 Ness City, KS 67560-0509

pd 9.5.23
7840
\$ 15482.15 • Acidizing
• Cement
• Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	Rodenberg	Scott	Pickrell	Oil	Development	5 1/2 Longstring	Preston
PRICE REF.		DESCRIPTION			QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way			50	Miles	8.00	400.00	
578D-L	Pump Charge - Long String			1	Job	1,700.00	1,700.00	
404-5	5 1/2" Port Collar			1	Each	2,600.00	2,600.00T	
403-5	5 1/2" Cement Basket			2	Each	350.00	700.00T	
406-5	5 1/2" Latch Down Plug & Baffle			1	Each	300.00	300.00T	
407-5	5 1/2" Insert Float Shoe With Auto Fill			1	Each	400.00	400.00T	
409-5	5 1/2" Turbolizer			8	Each	110.00	880.00T	
325	Standard Cement			200	Sacks	16.00	3,200.00T	
284	Calseal			10	Sack(s)	50.00	500.00T	
283	Salt			1,000	Lb(s)	0.25	250.00T	
292	Halad 322			100	Lb(s)	9.00	900.00T	
276	Flocele			50	Lb(s)	4.00	200.00T	
290	D-Air			5	Gallon(s)	42.00	210.00T	
281	Mud Flush			500	Gallon(s)	2.50	1,250.00T	
221	Liquid KCL (Clayfix)			4	Gallon(s)	25.00	100.00	
581D	Service Charge Cement			200	Sacks	2.00	400.00	
583D	Drayage			524	Ton Miles	1.00	524.00	
Subtotal							14,514.00	
Sales Tax Scott County						8.50%	968.15	
We Appreciate Your Business!						Total		
						\$15,482.15		

**TICKET CONTINUATION**

TICKET
NO 36133

222

Corrimas

PO BOX 400
Ness City, KS 67560
Off: 785 709 2300

CUSTOMER

TOMER
Joe Gerslauer 0:1

WELL

DATE 3 2 0 1 1

PAGE 1 OF 5

[illegible]

CONTINUATION TOTAL

7534.00

SWIFT Services, Inc.

DATE _____

PAGE NO.

8-1-23

/

CUSTOMER
Joe Gershner Oil

#1

Rodenberg

long string 5 1/2

36137

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	7:00							ON location 5 1/2" #7 RTD 4630' LTD 4627' set @ 4624' shoe 37.75' PC #56 2339' Baskets 56,55 Turbs 4,1,2,3,18,19,20,57
	10:30							start csg.
	13:30							Break Circulation
	14:30		12		✓			mud Flush
	14:40		20		✓			KCL spacer
	14:40		7					plug RH 30SKS
	14:45	4	41		✓		150	mix 170 SK EAD @ 15.5ppg Washout pump lines + Release plug
	15:05	6 1/2	0-		✓		200	start displacement
		6 1/2	78		✓		300	Lift psi
		4	105		✓		900	max lift
	15:25		106 1/2		✓		1900	Land plug Release PSI
	15:30							Wash pump truck
	16:00							Job Complete Thank! Preston, Ricky, Wayne



P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300

Invoice

DATE	INVOICE #
8/10/2023	36142

BILL TO
Joe Gerstner Oil P. O. Box 509 Ness City, KS 67560-0509

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	Rodenberg	Scott	Fritzler	Oil	Development	5 1/2 Port Collar	Preston
PRICE REF.		DESCRIPTION			QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way			60	Miles	8.00	480.00	
576D-D	Pump Charge - Deep Surface (> 500 Ft.) & Port Collars			1	Job	1,700.00	1,700.00	
330	Swift Multi-Density Standard (MIDCON II)			250	Sacks	21.00	5,250.00T	
276	Flocele			62	Lb(s)	4.00	248.00T	
290	D-Air			2	Gallon(s)	42.00	84.00T	
105	Port Collar Tool Rental With Man			1	Each	350.00	350.00T	
275	Cotton Seed Hulls			4	Sack(s)	40.00	160.00T	
581D	Service Charge Cement			250	Sacks	2.00	500.00	
583D	Drayage			746	Ton Miles	1.00	746.00	
Subtotal							9,518.00	
Sales Tax Scott County						8.50%	517.82	
We Appreciate Your Business!						Total	\$10,035.82	

SWIFT Services, Inc.

8-10-23

PAGE NO.

CUSTOMER

Gersner oil

WELL NO.

#

LEASE

Ritterberg

JOB TYPE	
----------	--

Port Collar

TICKET NO.

36142

[illegible]



Services, Inc.

CHARGE TO:

Joe Grentner O/I

ADDRESS

CITY, STATE, ZIP CODE

TICKET

36656

PAGE 1 OF 1

SERVICE LOCATIONS

1. Ness City, KS

2.

3.

4.

REFERRAL LOCATION

WELL PROJECT NO.

#1

LEASE

CONTRACTOR

Fitzler

WELL CATEGORY

Development

JOB PURPOSE

Top Stage Top off / Squeeze

WELL PERMIT NO.

1-N, 1/2-4, 8-into

DATE

8/11/2003

OWNER

Grentner, 2-4,

ORDER NO.

COUNTY/PARISH

Scott

RIG NAME/NO.

STATE

KS

CITY

Grentner

SHIPPED

DELIVERED

VIA

CT

LOCATION

DESCRIPTION

TRUCK #115

PUMP CHARGE - SHALLOW SQUEEZE

SWIFT MULTI-DENSITY CEMENT

FLOCC

D-AIR

QUANTITY

50 m

1 job

80 sks

21 sks

26 lbs

4 lbs

1 gal

UNIT PRICE

8.00

1.50

1.68

4.00

1.00

4.20

AMOUNT

400.00

1.50

1.68

4.00

1.00

4.20

PAGE TOTAL

3922.00

350.00

2.00

200.00

350.00

154.87

DATE

8/11/2003

ORDER NO.

TOTAL

4076.87

SWIFT Services, Inc.

DATE	PAGE NO.
8/11/2022	1

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Joe Grebner oil		#1		Kodanberg		Top Stage Top off		36656	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	1200							ON LOCATION 5 1/2	
								PERF: 300'	
		2	10		✓		200	Pump 10 bbl H2O to lead Hok + Circulate	
		2	20		✓		200	Mix 80 sks of SMD@14.5ppg ★ Circulate CMT to Surface	
		2	6		✓		300	Displace CMT to 250' KO Pump + Shut in	
	1246 1315							Wash up Truck #115 Job Complete	
								80 sks of SMD 1/4" Flo used 23 sks to the pit	
								THANKS!	
								Gudeon, Tyler, Jon	