



DRILL STEM TEST REPORT

Prepared For: **US Oil Resources, LLC.**

6727 W Prentice Ave
Lakewood, CO 80123

ATTN: Jim Musgrove.

Powers #9d-2-1429

2-14s-29w Gove,KS

Start Date: 2017.04.28 @ 07:37:00

End Date: 2017.04.28 @ 15:43:15

Job Ticket #: 61356 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2017.05.03 @ 10:45:44



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

US Oil Resources, LLC.

2-14s-29w Gove, KS

6727 W Prentice Ave
Lakewood, CO 80123

Powers #9d-2-1429

ATTN: Jim Musgrove.

Job Ticket: 61356

DST#: 1

Test Start: 2017.04.28 @ 07:37:00

GENERAL INFORMATION:

Formation: **LKC - D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:09:00

Time Test Ended: 15:43:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 78

Interval: 3916.00 ft (KB) To 3940.00 ft (KB) (TVD)

Reference Elevations: 2719.00 ft (KB)

Total Depth: 3940.00 ft (KB) (TVD)

2711.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8845 Outside

Press@RunDepth: 37.69 psig @ 3917.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.04.28 End Date: 2017.04.28

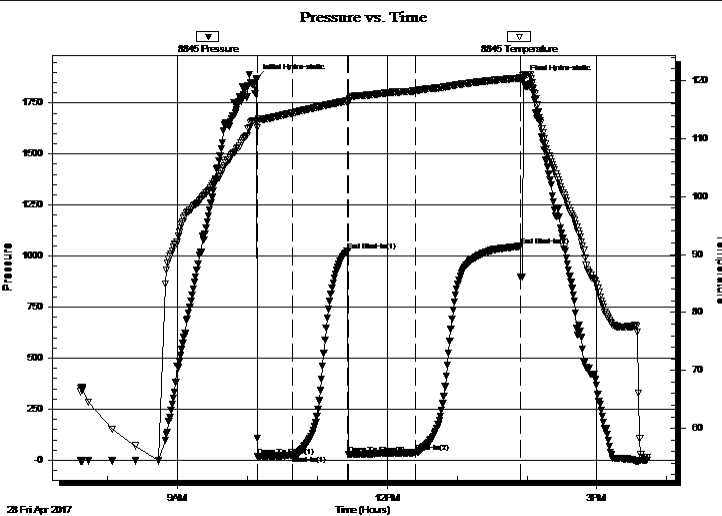
Last Calib.: 2017.04.28

Start Time: 07:37:05 End Time: 15:43:14

Time On Btm: 2017.04.28 @ 10:08:15

Time Off Btm: 2017.04.28 @ 13:56:45

TEST COMMENT: IF: 4" blow.
IS: No return.
FF: 3" blow.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1867.46	113.06	Initial Hydro-static
1	18.90	112.75	Open To Flow (1)
31	24.38	114.42	Shut-In(1)
78	1026.25	116.49	End Shut-In(1)
79	29.47	116.18	Open To Flow (2)
137	37.69	118.27	Shut-In(2)
227	1049.15	120.43	End Shut-In(2)
229	1864.77	120.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	gmco 20g 40m 40o	0.84

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

US Oil Resources, LLC.

2-14s-29w Gove,KS

6727 W Prentice Ave
Lakewood, CO 80123

Powers #9d-2-1429

Job Ticket: 61356

DST#: 1

ATTN: Jim Musgrove.

Test Start: 2017.04.28 @ 07:37:00

Tool Information

Drill Pipe:	Length: 3914.00 ft	Diameter: 3.80 inches	Volume: 54.90 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 82000.00 lb
			<u>Total Volume: 54.90 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3916.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	51.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3890.00	
Shut In Tool	5.00			3895.00	
Hydraulic tool	5.00			3900.00	
Jars	5.00			3905.00	
Safety Joint	2.00			3907.00	
Packer	5.00			3912.00	27.00 Bottom Of Top Packer
Packer	4.00			3916.00	
Stubb	1.00			3917.00	
Recorder	0.00	8365	Inside	3917.00	
Recorder	0.00	8845	Outside	3917.00	
Perforations	20.00			3937.00	
Bullnose	3.00			3940.00	24.00 Bottom Packers & Anchor

Total Tool Length: 51.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

US Oil Resources, LLC.

2-14s-29w Gove,KS

6727 W Prentice Ave
Lakewood, CO 80123

Powers #9d-2-1429

Job Ticket: 61356

DST#: 1

ATTN: Jim Musgrove.

Test Start: 2017.04.28 @ 07:37:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	gmco 20g 40m 40o	0.842

Total Length: 60.00 ft Total Volume: 0.842 bbl

Num Fluid Samples: 0

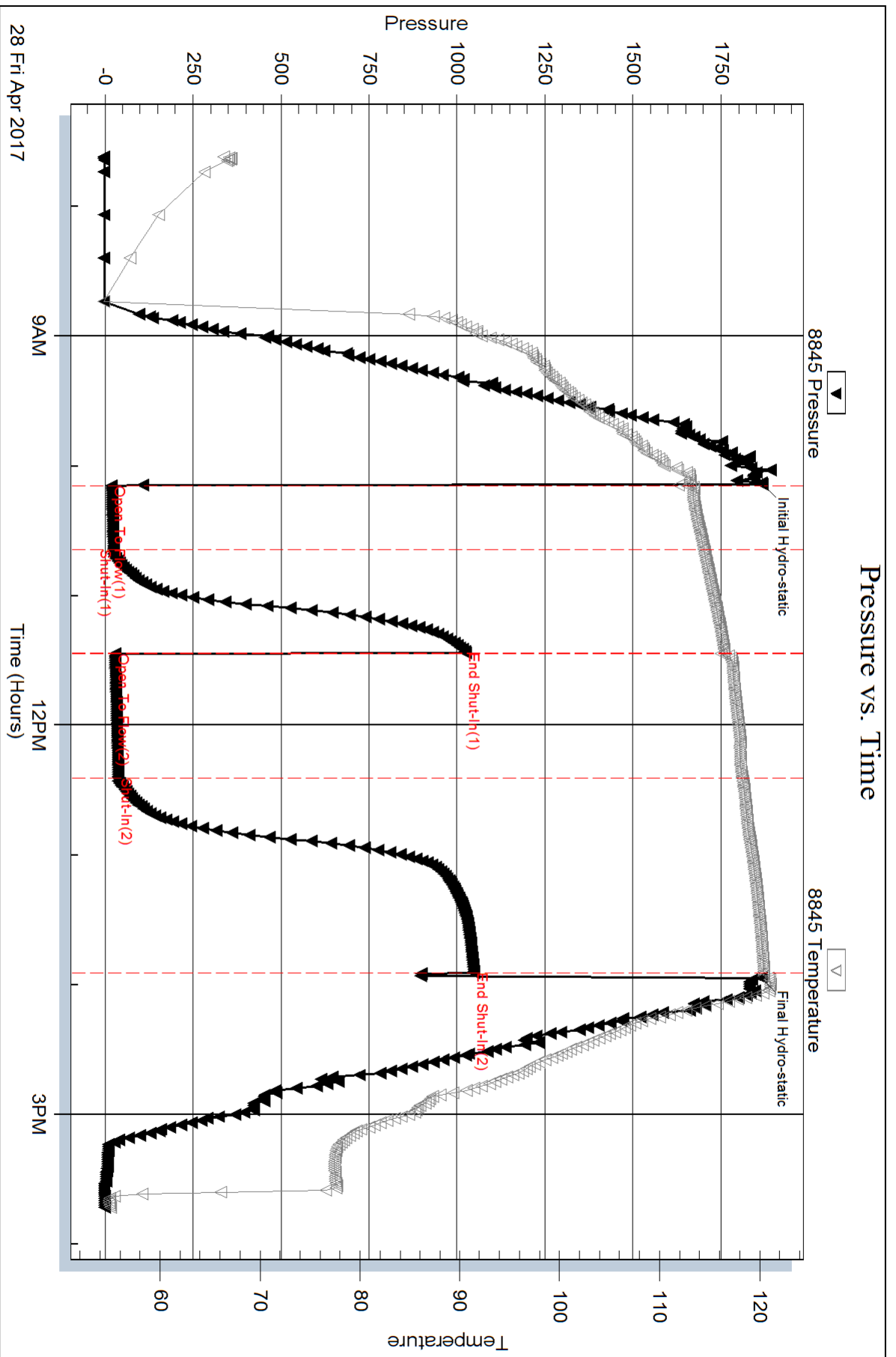
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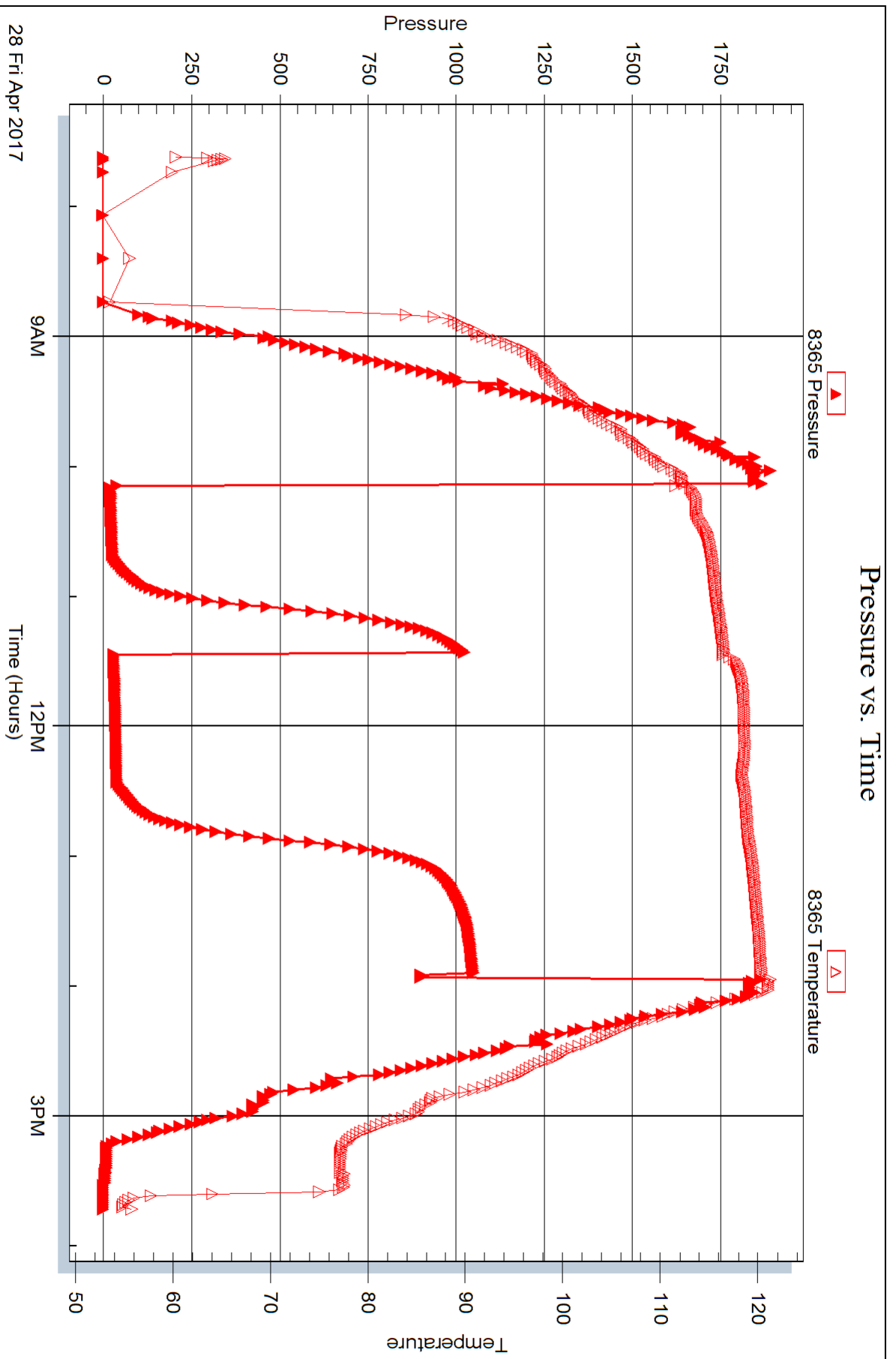
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **US Oil Resources, LLC.**

6727 W Prentice Ave
Lakewood, CO 80123

ATTN: Jim Musgrove.

Powers #9d-2-1429

2-14s-29w Gove,KS

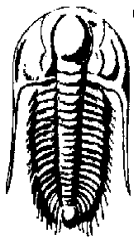
Start Date: 2017.04.29 @ 05:44:00

End Date: 2017.04.29 @ 15:09:45

Job Ticket #: 61357 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2017.05.03 @ 10:45:20



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

US Oil Resources, LLC.

2-14s-29w Gove, KS

6727 W Prentice Ave
Lakewood, CO 80123

Powers #9d-2-1429

ATTN: Jim Musgrove.

Job Ticket: 61357

DST#: 2

Test Start: 2017.04.29 @ 05:44:00

GENERAL INFORMATION:

Formation: **LKC G-H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:10:45

Time Test Ended: 15:09:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 3985.00 ft (KB) To 4057.00 ft (KB) (TVD)

Reference Elevations: 2719.00 ft (KB)

Total Depth: 4057.00 ft (KB) (TVD)

2711.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8845 Outside

Press@RunDepth: 381.28 psig @ 3986.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.04.29 End Date: 2017.04.29

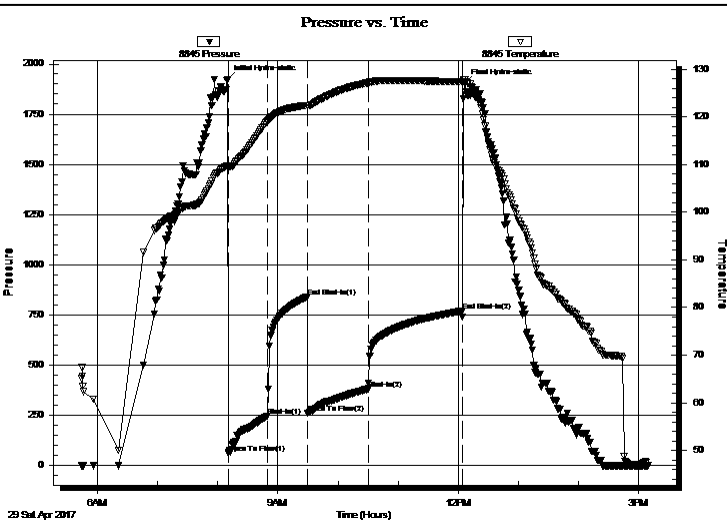
Last Calib.: 2017.04.29

Start Time: 05:44:05 End Time: 15:09:45

Time On Btm: 2017.04.29 @ 08:09:30

Time Off Btm: 2017.04.29 @ 12:06:45

TEST COMMENT: IF: BOB @ 1 min.
IS: BOB @ 5 min.
FF: BOB @ open.
FS: BOB @ 5 min. Gas to Surface @ end of shut in.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1922.60	109.78	Initial Hydro-static
2	59.42	109.56	Open To Flow (1)
41	245.62	119.09	Shut-In (1)
80	839.93	122.44	End Shut-In (1)
81	259.50	122.33	Open To Flow (2)
141	381.28	127.19	Shut-In (2)
235	768.68	127.38	End Shut-In (2)
238	1904.58	127.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
185.00	mcw 10m 90w	2.60
125.00	gw mco 40g 10w 20m 30o	1.75
250.00	gmco 50g 15m 35o	3.51
370.00	go 35g 65o	5.19
0.00	gas to surface	0.00

Gas Rates

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

* Recovery from multiple tests



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US Oil Resources, LLC.

2-14s-29w Gove,KS

6727 W Prentice Ave
Lakewood, CO 80123

Powers #9d-2-1429

ATTN: Jim Musgrove.

Job Ticket: 61357

DST#: 2

Test Start: 2017.04.29 @ 05:44:00

GENERAL INFORMATION:

Formation: **LKC G-H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:10:45

Time Test Ended: 15:09:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 3985.00 ft (KB) To 4057.00 ft (KB) (TVD)

Total Depth: 4057.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2719.00 ft (KB)

2711.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8365 Inside

Press@RunDepth: psig @ 3986.00 ft (KB)

Start Date: 2017.04.29

End Date:

2017.04.29

Start Time: 05:44:05

End Time:

15:09:45

Capacity: 8000.00 psig

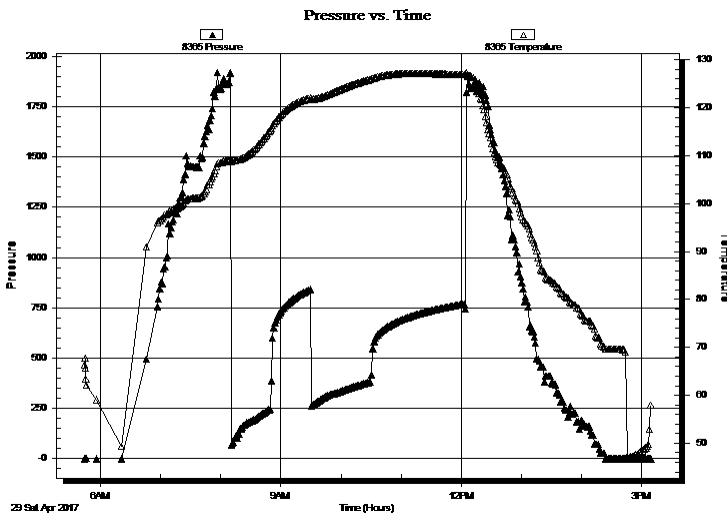
Last Calib.: 1899.12.30

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: BOB @ 1 min.
IS: BOB @ 5 min.
FF: BOB @ open.
FS: BOB @ 5 min. Gas to Surface @ end of shut in.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
185.00	mcw 10m 90w	2.60
125.00	gw mco 40g 10w 20m 30o	1.75
250.00	gmco 50g 15m 35o	3.51
370.00	go 35g 65o	5.19
0.00	gas to surface	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

US Oil Resources, LLC.

2-14s-29w Gove,KS

6727 W Prentice Ave
Lakewood, CO 80123

Powers #9d-2-1429

Job Ticket: 61357

DST#: 2

ATTN: Jim Musgrove.

Test Start: 2017.04.29 @ 05:44:00

Tool Information

Drill Pipe:	Length: 3975.00 ft	Diameter: 3.80 inches	Volume: 55.76 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 74000.00 lb
			<u>Total Volume: 55.76 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 61000.00 lb
Depth to Top Packer:	3985.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	72.00 ft			
Tool Length:	99.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3959.00	
Shut In Tool	5.00			3964.00	
Hydraulic tool	5.00			3969.00	
Jars	5.00			3974.00	
Safety Joint	2.00			3976.00	
Packer	5.00			3981.00	27.00 Bottom Of Top Packer
Packer	4.00			3985.00	
Stubb	1.00			3986.00	
Recorder	0.00	8365	Inside	3986.00	
Recorder	0.00	8845	Outside	3986.00	
Perforations	3.00			3989.00	
Change Over Sub	1.00			3990.00	
Drill Pipe	63.00			4053.00	
Change Over Sub	1.00			4054.00	
Bullnose	3.00			4057.00	72.00 Bottom Packers & Anchor

Total Tool Length: 99.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

US Oil Resources, LLC.

2-14s-29w Gove,KS

6727 W Prentice Ave
Lakewood, CO 80123

Powers #9d-2-1429

Job Ticket: 61357

DST#: 2

ATTN: Jim Musgrove.

Test Start: 2017.04.29 @ 05:44:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

38000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
185.00	mcw 10m 90w	2.595
125.00	gw mco 40g 10w 20m 30o	1.753
250.00	gmco 50g 15m 35o	3.507
370.00	go 35g 65o	5.190
0.00	gas to surface	0.000

Total Length: 930.00 ft Total Volume: 13.045 bbl

Num Fluid Samples: 0

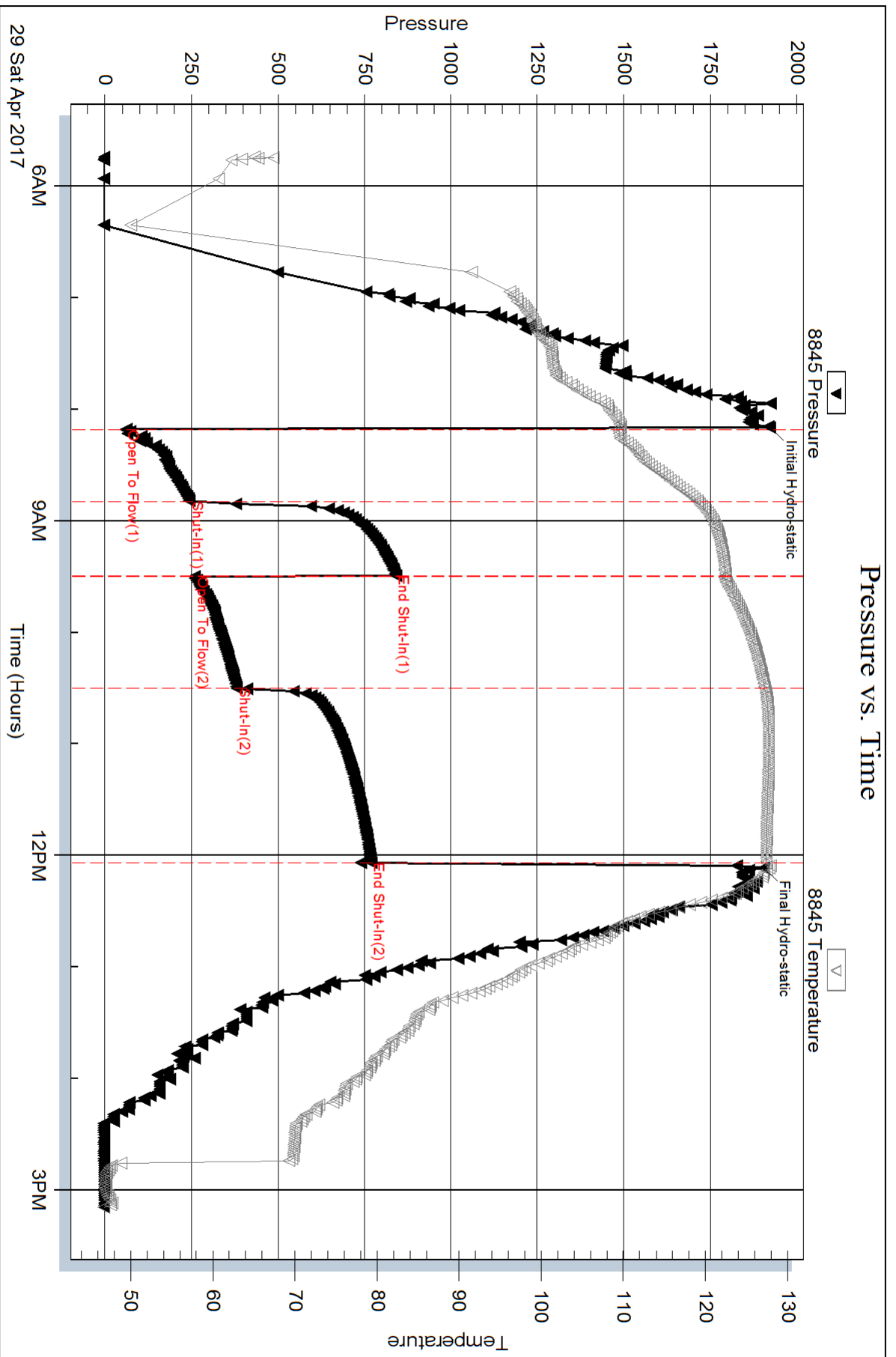
Num Gas Bombs: 0

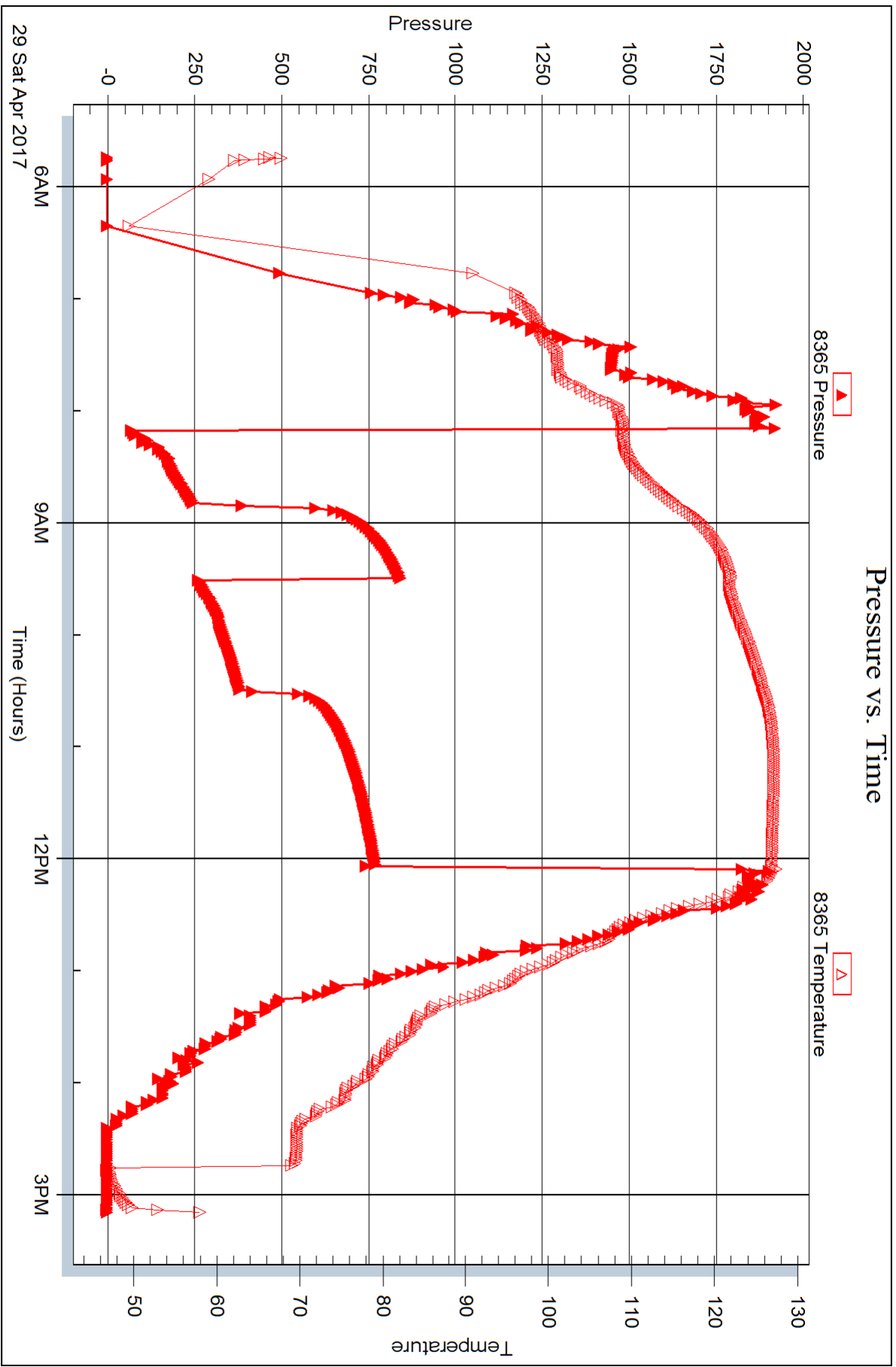
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .320 @ 39f = 38,000ppm







DRILL STEM TEST REPORT

Prepared For: **US Oil Resources, LLC.**

6727 W Prentice Ave
Lakewood, CO 80123

ATTN: Jim Musgrove.

Powers #9d-2-1429

2-14s-29w Gove,KS

Start Date: 2017.04.29 @ 23:02:00

End Date: 2017.04.30 @ 09:20:00

Job Ticket #: 61358 DST #: 3

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2017.05.03 @ 10:44:48



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

US Oil Resources, LLC.
 6727 W Prentice Ave
 Lakewood, CO 80123
 ATTN: Jim Musgrove.

2-14s-29w Gove, KS

Powers #9d-2-1429

Job Ticket: 61358

DST#: 3

Test Start: 2017.04.29 @ 23:02:00

GENERAL INFORMATION:

Formation: **LKC - I**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:18:45
 Time Test Ended: 09:20:00
 Interval: **4057.00 ft (KB) To 4077.00 ft (KB) (TVD)**
 Total Depth: 4077.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 78
 Reference Elevations: 2719.00 ft (KB)
 2711.00 ft (CF)
 KB to GR/CF: 8.00 ft

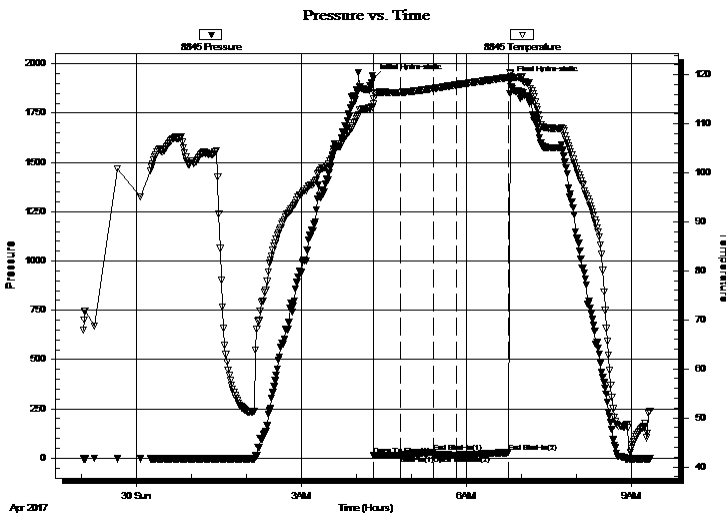
Serial #: 8845

Outside

Press@RunDepth: 16.27 psig @ 4058.00 ft (KB)
 Start Date: 2017.04.29 End Date: 2017.04.30
 Start Time: 23:02:05 End Time: 09:20:00
 Capacity: 8000.00 psig
 Last Calib.: 2017.04.30
 Time On Btm: 2017.04.30 @ 04:18:15
 Time Off Btm: 2017.04.30 @ 06:47:45

TEST COMMENT: IF: Surface blow, after fixing connection.
 IS: No return.
 FF: 1/2" blow.
 FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1924.02	115.02	Initial Hydro-static
1	15.42	115.19	Open To Flow (1)
30	16.09	116.43	Shut-In(1)
65	30.36	117.19	End Shut-In(1)
66	16.21	117.22	Open To Flow (2)
91	16.27	117.94	Shut-In(2)
148	28.47	119.47	End Shut-In(2)
150	1915.52	120.12	Final Hydro-static

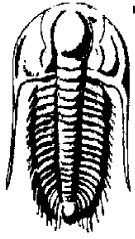
Recovery

Length (ft)	Description	Volume (bbl)
8.00	socm 3o 97m	0.11

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

US Oil Resources, LLC.
 6727 W Prentice Ave
 Lakewood, CO 80123
 ATTN: Jim Musgrove.

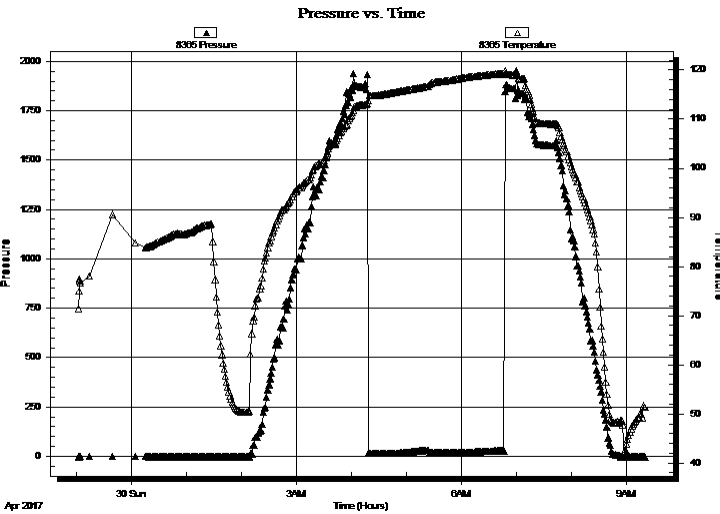
2-14s-29w Gove, KS
Powers #9d-2-1429
 Job Ticket: 61358 **DST#: 3**
 Test Start: 2017.04.29 @ 23:02:00

GENERAL INFORMATION:

Formation: **LKC - I**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:18:45
 Time Test Ended: 09:20:00
Interval: 4057.00 ft (KB) To 4077.00 ft (KB) (TVD)
 Total Depth: 4077.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 78
 Reference Elevations: 2719.00 ft (KB)
 2711.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8365 **Inside**
 Press@RunDepth: psig @ 4058.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.04.29 End Date: 2017.04.30 Last Calib.: 2017.04.30
 Start Time: 23:02:05 End Time: 09:20:00 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Surface blow, after fixing connection.
 IS: No return.
 FF: 1/2" blow.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
8.00	socm 3o 97m	0.11

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

US Oil Resources, LLC.

2-14s-29w Gove,KS

6727 W Prentice Ave
Lakewood, CO 80123

Powers #9d-2-1429

Job Ticket: 61358

DST#: 3

ATTN: Jim Musgrove.

Test Start: 2017.04.29 @ 23:02:00

Tool Information

Drill Pipe:	Length: 4039.00 ft	Diameter: 3.80 inches	Volume: 56.66 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 56.66 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4057.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	47.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4031.00	
Shut In Tool	5.00			4036.00	
Hydraulic tool	5.00			4041.00	
Jars	5.00			4046.00	
Safety Joint	2.00			4048.00	
Packer	5.00			4053.00	27.00 Bottom Of Top Packer
Packer	4.00			4057.00	
Stubb	1.00			4058.00	
Recorder	0.00	8365	Inside	4058.00	
Recorder	0.00	8845	Outside	4058.00	
Perforations	16.00			4074.00	
Bullnose	3.00			4077.00	20.00 Bottom Packers & Anchor

Total Tool Length: 47.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

US Oil Resources, LLC.

2-14s-29w Gove,KS

6727 W Prentice Ave
Lakewood, CO 80123

Powers #9d-2-1429

Job Ticket: 61358

DST#: 3

ATTN: Jim Musgrove.

Test Start: 2017.04.29 @ 23:02:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
8.00	socm 3o 97m	0.112

Total Length: 8.00 ft Total Volume: 0.112 bbl

Num Fluid Samples: 0

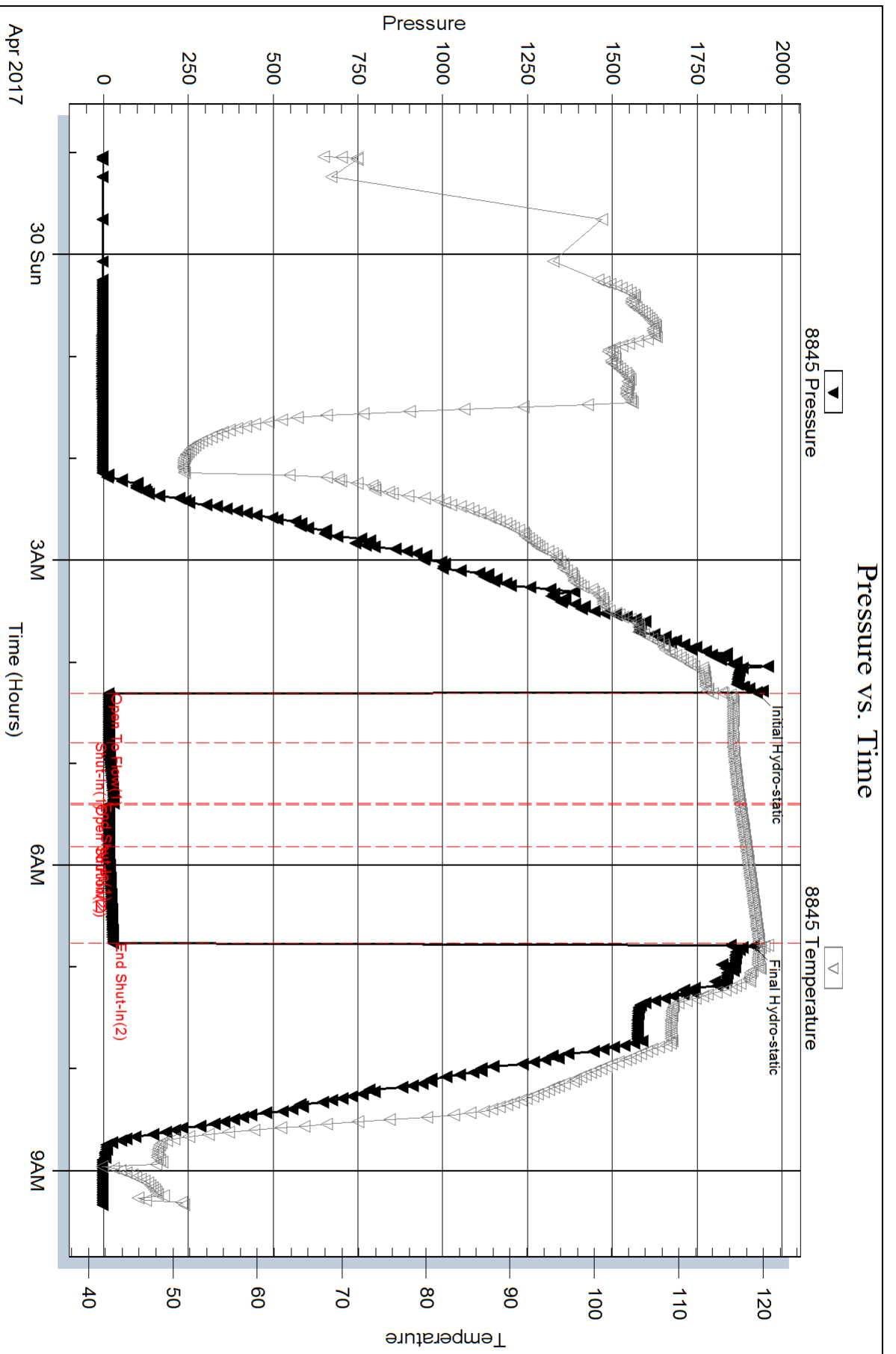
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



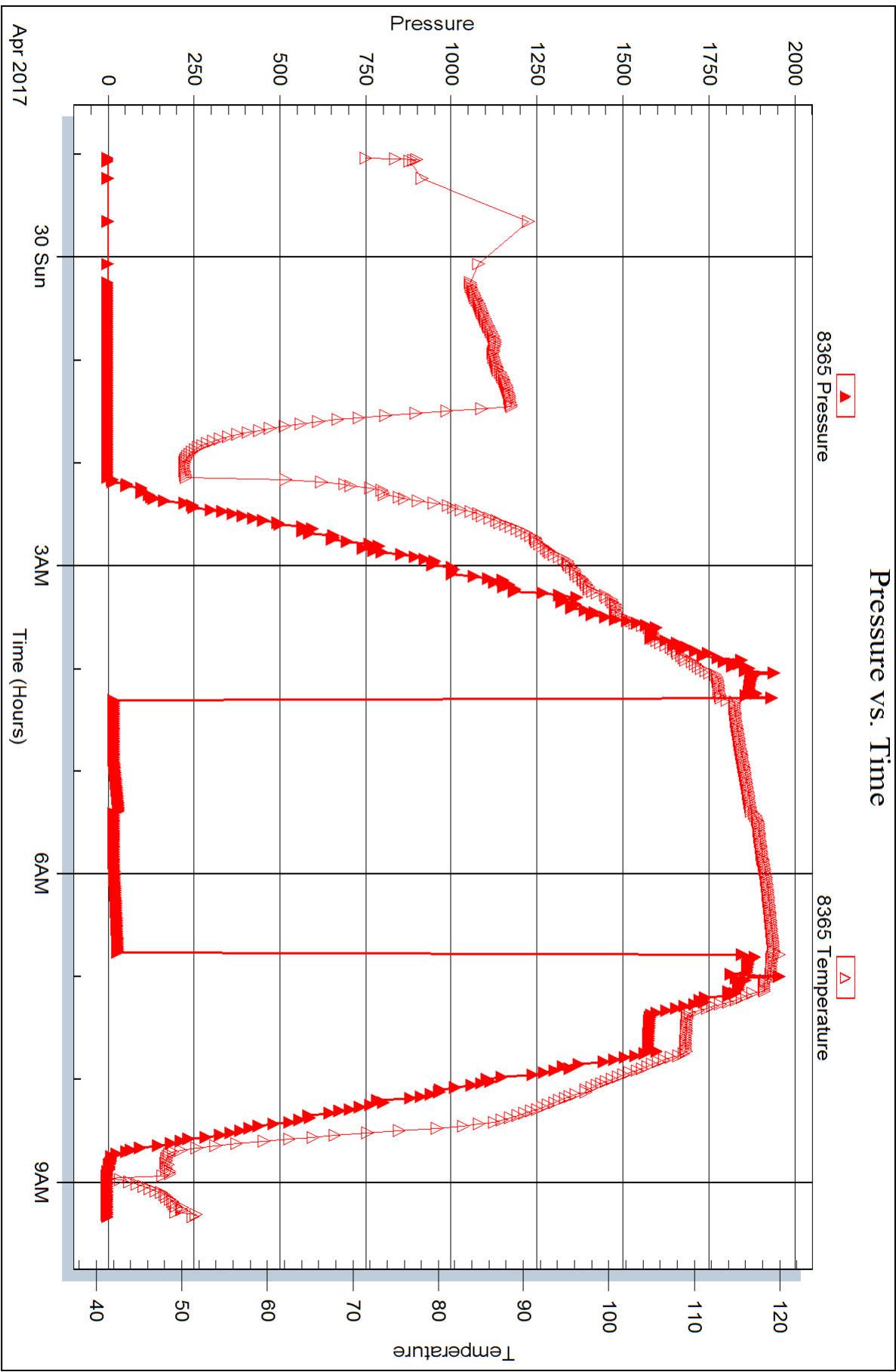
Serial #: 8365

Inside

US Oil Resources, LLC.

Power #9d-2-1429

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **US Oil Resources, LLC.**

6727 W Prentice Ave
Lakewood, CO 80123

ATTN: Jim Musgrove.

Powers #9d-2-1429

2-14s-29w Gove,KS

Start Date: 2017.05.02 @ 09:34:00

End Date: 2017.05.02 @ 18:53:15

Job Ticket #: 61359 DST #: 4

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2017.05.03 @ 10:44:15



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

US Oil Resources, LLC.
 6727 W Prentice Ave
 Lakewood, CO 80123
 ATTN: Jim Musgrove.

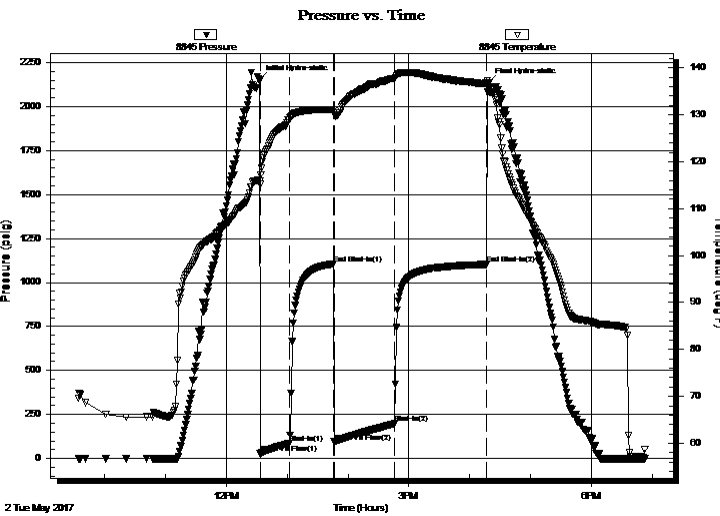
2-14s-29w Gove, KS
Powers #9d-2-1429
 Job Ticket: 61359 **DST#: 4**
 Test Start: 2017.05.02 @ 09:34:00

GENERAL INFORMATION:

Formation: **Mississippian**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:33:15
 Time Test Ended: 18:53:15
 Interval: **4420.00 ft (KB) To 4445.00 ft (KB) (TVD)**
 Total Depth: 4445.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 78
 Reference Elevations: 2719.00 ft (KB)
 2711.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8845 Outside
 Press@RunDepth: 197.73 psig @ 4421.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.05.02 End Date: 2017.05.02 Last Calib.: 2017.05.02
 Start Time: 09:34:05 End Time: 18:53:15 Time On Btm: 2017.05.02 @ 12:33:00
 Time Off Btm: 2017.05.02 @ 16:19:00

TEST COMMENT: IF: BOB @ 5 min.
 IS: 1" return.
 FF: BOB @ 4 min.
 FS: BOB return @ 27 min, receded to 8".



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2152.22	115.87	Initial Hydro-static
1	25.83	115.18	Open To Flow (1)
29	85.10	129.07	Shut-In(1)
73	1105.93	131.00	End Shut-In(1)
74	93.66	130.50	Open To Flow (2)
133	197.73	137.67	Shut-In(2)
224	1103.47	136.62	End Shut-In(2)
226	2133.88	135.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	gmco 40g 20m 40o	2.52
330.00	gsmco 2m 33g 65o	4.63
0.00	1890' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



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US Oil Resources, LLC.

2-14s-29w Gove,KS

6727 W Prentice Ave
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Powers #9d-2-1429

ATTN: Jim Musgrove.

Job Ticket: 61359

DST#: 4

Test Start: 2017.05.02 @ 09:34:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:33:15

Time Test Ended: 18:53:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 4420.00 ft (KB) To 4445.00 ft (KB) (TVD)

Reference Elevations: 2719.00 ft (KB)

Total Depth: 4445.00 ft (KB) (TVD)

2711.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8365 Inside

Press@RunDepth: psig @ 4421.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.05.02

End Date:

2017.05.02

Last Calib.:

2017.05.02

Start Time:

09:34:05

End Time:

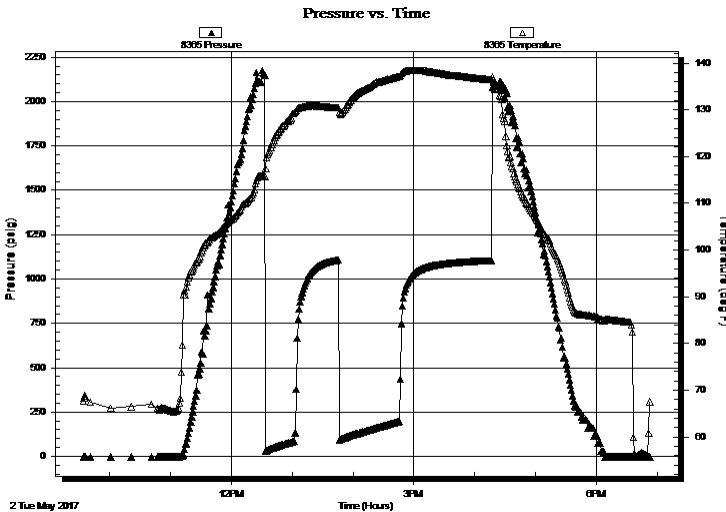
18:53:15

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: BOB @ 5 min.
IS: 1" return.
FF: BOB @ 4 min.
FS: BOB return @ 27 min, receded to 8".

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
180.00	gmco 40g 20m 40o	2.52
330.00	gsmco 2m 33g 65o	4.63
0.00	1890' GIP	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

US Oil Resources, LLC.

2-14s-29w Gove,KS

6727 W Prentice Ave
Lakewood, CO 80123

Powers #9d-2-1429

Job Ticket: 61359

DST#: 4

ATTN: Jim Musgrove.

Test Start: 2017.05.02 @ 09:34:00

Tool Information

Drill Pipe:	Length: 4411.00 ft	Diameter: 3.80 inches	Volume: 61.87 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 83000.00 lb
			<u>Total Volume: 61.87 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 69000.00 lb
Depth to Top Packer:	4420.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	52.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4394.00	
Shut In Tool	5.00			4399.00	
Hydraulic tool	5.00			4404.00	
Jars	5.00			4409.00	
Safety Joint	2.00			4411.00	
Packer	5.00			4416.00	27.00 Bottom Of Top Packer
Packer	4.00			4420.00	
Stubb	1.00			4421.00	
Recorder	0.00	8365	Inside	4421.00	
Recorder	0.00	8845	Outside	4421.00	
Perforations	21.00			4442.00	
Bullnose	3.00			4445.00	25.00 Bottom Packers & Anchor

Total Tool Length: 52.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

US Oil Resources, LLC.

2-14s-29w Gove,KS

6727 W Prentice Ave
Lakewood, CO 80123

Powers #9d-2-1429

ATTN: Jim Musgrove.

Job Ticket: 61359

DST#: 4

Test Start: 2017.05.02 @ 09:34:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

40 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
180.00	gmco 40g 20m 40o	2.525
330.00	gsmco 2m 33g 65o	4.629
0.00	1890' GIP	0.000

Total Length: 510.00 ft Total Volume: 7.154 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

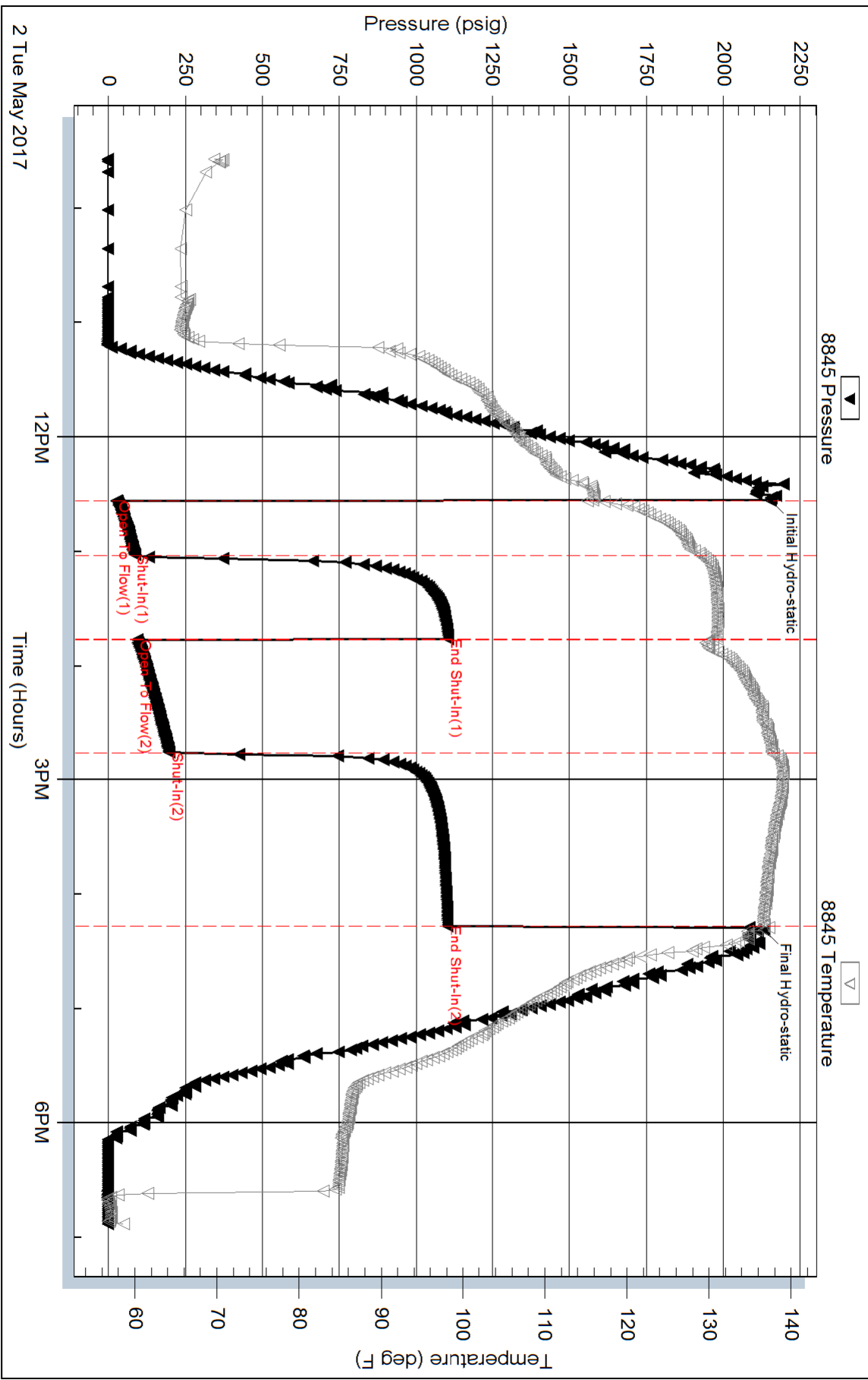
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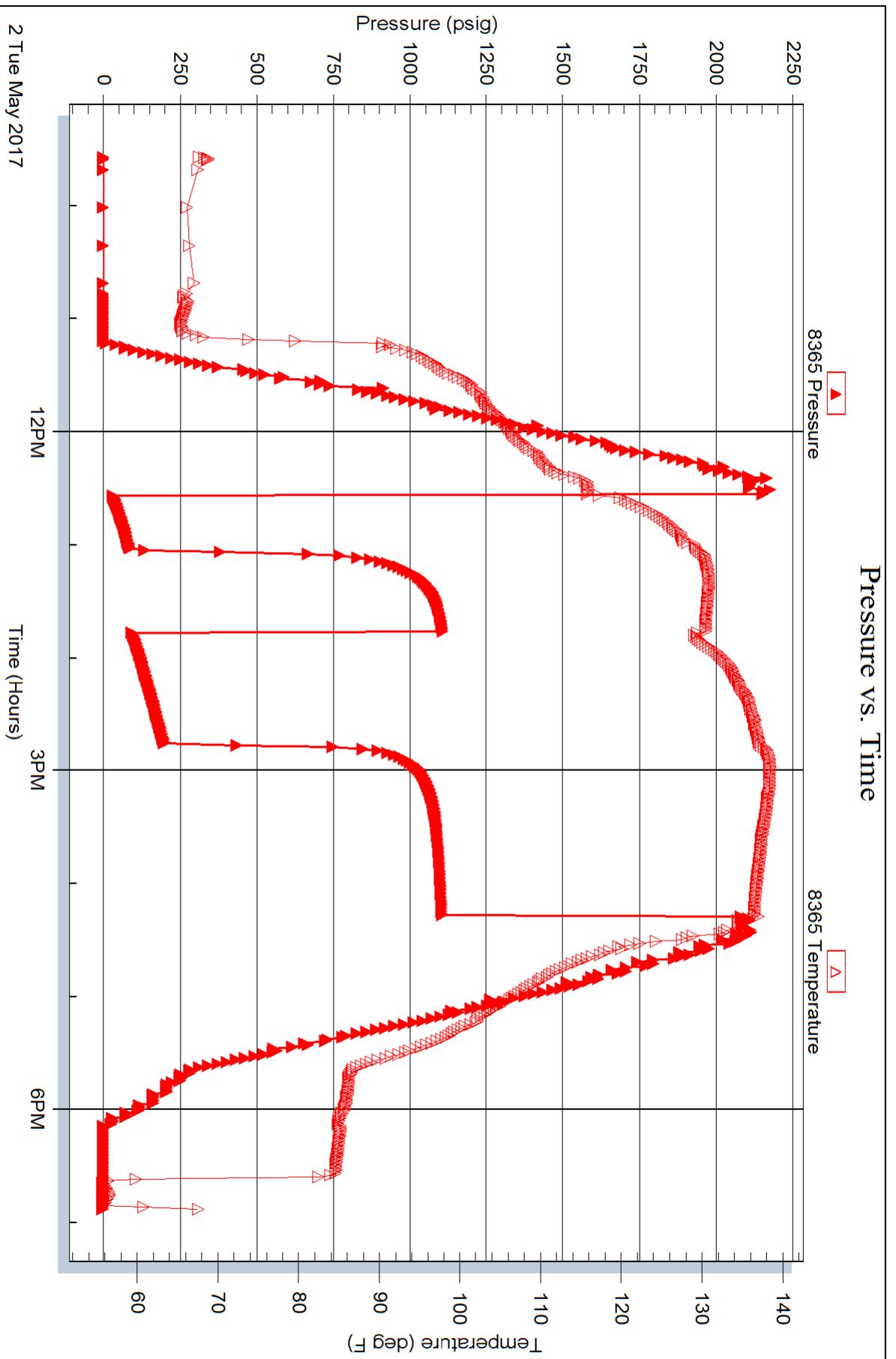
Laboratory Name:

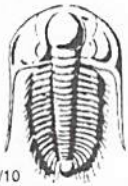
Laboratory Location:

Recovery Comments:

Pressure vs. Time







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **61356**

4/10

Well Name & No. <u>Powers 9D-2-1429</u>	Test No. <u>1</u>	Date <u>4/28/2017</u>
Company <u>US Oil Resources, LLC</u>	Elevation <u>2719</u>	KB <u>2711</u> GL
Address <u>6727 W. Prentice Ave. Lakewood, Co 80123</u>		
Co. Rep / Geo. <u>Jim Musgrove</u>	Rig <u>Duke #2</u>	
Location: Sec. <u>2</u> Twp. <u>14s</u> Rge. <u>29w</u> Co. <u>Gore</u> State <u>Ks</u>		

Interval Tested <u>3916 - 3940</u>	Zone Tested <u>LKC D</u>
Anchor Length <u>24'</u>	Drill Pipe Run <u>3914</u> Mud Wt. <u>9.6</u>
Top Packer Depth <u>3911</u>	Drill Collars Run <u>0</u> Vis <u>59</u>
Bottom Packer Depth <u>3916</u>	Wt. Pipe Run <u>0</u> WL <u>6.0</u>
Total Depth <u>3940</u>	Chlorides <u>1000</u> ppm System LCM <u>2#</u>

Blow Description IF: 4" blow.
ISI: No return.
FF: 3" blow.
FSI: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>G/MCO</u>	<u>20</u>	<u>40</u>	<u>40</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

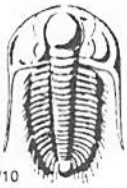
Rec Total 60 BHT 120 Gravity - API RW - @ -° F Chlorides - ppm

(A) Initial Hydrostatic <u>1867</u>	<input checked="" type="checkbox"/> Test <u>1050</u>	T-On Location <u>0545</u>
(B) First Initial Flow <u>19</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>0737</u>
(C) First Final Flow <u>24</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>1010</u>
(D) Initial Shut-In <u>1026</u>	<input checked="" type="checkbox"/> Circ Sub <u>H/C</u>	T-Pulled <u>1355</u>
(E) Second Initial Flow <u>29</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>1543</u>
(F) Second Final Flow <u>38</u>	<input checked="" type="checkbox"/> Mileage <u>98 RT</u> 73.50	Comments
(G) Final Shut-In <u>1049</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1865</u>	<input type="checkbox"/> Straddle	

Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>60</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>90</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>1448.50</u>
	Sub Total <u>1448.50</u>	MP/DST Disc't

Approved By _____ Our Representative

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **61357**

Well Name & No. Powers 9D-2-1429 Test No. 2 Date 4/29/2017
 Company US Oil Resources, LLC Elevation 2719 KB 2711 GL
 Address 6727 W. Pruitice Ave Lakewood, Co 80123
 Co. Rep / Geo. Jim Musgrove Rig Duke #2
 Location: Sec. 2 Twp. 14 S Rge. 29 W Co. Gove State KS

Interval Tested 3985-4057 Zone Tested LKC G-H
 Anchor Length 72' Drill Pipe Run 3975 Mud Wt. 9.0
 Top Packer Depth 3980 Drill Collars Run 0 Vis 60
 Bottom Packer Depth 3985 Wt. Pipe Run 0 WL 6.4
 Total Depth 4057 Chlorides 1600 ppm System LCM 2#

Blow Description IF BOB@ 1 min.
ISI BOB@ 5 min.
FF BOB@ open.
FSI BOB@ 5 min. recded to 9' / GAS to surface @ end.

Rec	Feet of	%gas	%oil	%water	%mud
<u>370</u>	<u>60</u>	<u>35%</u>	<u>65%</u>		
<u>250</u>	<u>GMCO</u>	<u>50%</u>	<u>35%</u>		<u>15%</u>
<u>125</u>	<u>GWmco</u>	<u>40%</u>	<u>30%</u>	<u>10%</u>	<u>20%</u>
<u>185</u>	<u>mcw</u>			<u>90%</u>	<u>10%</u>
	<u>Gas to surface</u>				

Rec Total 930 BHT 127 Gravity 35 API RW 320 @ 39° F Chlorides 38,000 ppm

(A) Initial Hydrostatic 1923 Test 1050 T-On Location 0500
 (B) First Initial Flow 59 Jars 250 T-Started 0544
 (C) First Final Flow 246 Safety Joint 75 T-Open 0810
 (D) Initial Shut-In 840 Circ Sub NC T-Pulled 1200
 (E) Second Initial Flow 260 Hourly Standby _____ T-Out 1510
 (F) Second Final Flow 381 Mileage 98.27 73.50 Comments _____
 (G) Final Shut-In 769 Sampler _____
 (H) Final Hydrostatic 1905 Straddle _____

Ruined Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Copies _____
 Extra Recorder _____
 Sub Total 0
 Day Standby _____
 Total 1548.50
 Accessibility _____
 MP/DST Disc't _____
 Sub Total 1548.50

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **61358**

4/10

Well Name & No. Powers 9D-2 - 1429 Test No. 3 Date 4/3/2017
 Company US Oil Resources, LLC Elevation 2719 KB 2711 GL
 Address 6727 W. Printice Ave LakeWood Co 60123
 Co. Rep / Geo. Jim Musgrove Rig Duke #2
 Location: Sec. 2 Twp. 14 S Rge. 29 W Co. Gore State KS

Interval Tested 4057 - 4077 Zone Tested LKC I
 Anchor Length 20' Drill Pipe Run 4039 Mud Wt. 9.2
 Top Packer Depth 4052 Drill Collars Run 0 Vis 50
 Bottom Packer Depth 4057 Wt. Pipe Run 0 WL 64
 Total Depth 4077 Chlorides 1600 ppm System LCM 2#
 Blow Description IF surface blow, Fixed loose connection.
ISI No return,
FF ~~No~~ 1/2" blow
ISI No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>8</u>	<u>50cm</u>		<u>3</u>		<u>97</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 8 BHT 119 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic	<u>1924</u>	<input checked="" type="checkbox"/> Test	<u>1150</u>	T-On Location	<u>2200</u>
(B) First Initial Flow	<u>15</u>	<input checked="" type="checkbox"/> Jars	<u>250</u>	T-Started	<u>2302</u>
(C) First Final Flow	<u>16</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75</u>	T-Open	<u>0415</u>
(D) Initial Shut-In	<u>30</u>	<input checked="" type="checkbox"/> Circ Sub	<u>N/C</u>	T-Pulled	<u>0630</u>
(E) Second Initial Flow	<u>16</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>0920</u>
(F) Second Final Flow	<u>16</u>	<input checked="" type="checkbox"/> Mileage	<u>98 FT 73.50</u>	Comments	
(G) Final Shut-In	<u>28</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>1916</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Shale Packer	
		<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Ruined Packer	
Initial Open	<u>30</u>	<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Extra Copies	
Initial Shut-In	<u>30</u>	<input type="checkbox"/> Extra Recorder		Sub Total	<u>0</u>
Final Flow	<u>30</u>	<input type="checkbox"/> Day Standby		Total	<u>1548.50</u>
Final Shut-In	<u>45</u>	<input type="checkbox"/> Accessibility		MP/DST Disc't	
		Sub Total	<u>1548.50</u>		

Approved By _____ Our Representative 

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61359

Well Name & No. Powas 9D 2-1429 Test No. 4 Date 5/2/2017
 Company US Oil Resources, LLC Elevation 2719 KB 2711 GL
 Address 6727 W. Printice Ave Lakewood Co 80123
 Co. Rep / Geo. Jim Mesgrove Rig Duke #2
 Location: Sec. 2 Twp. 14s Rge. 29w Co. Gove State Ks

Interval Tested 4420 ~ 4445 Zone Tested Mississippian
 Anchor Length 25 Drill Pipe Run 4411 Mud Wt. 9.2
 Top Packer Depth 4415 Drill Collars Run 0 Vis 51
 Bottom Packer Depth 4420 Wt. Pipe Run 0 WL 6.2
 Total Depth 4445 Chlorides 1,000 ppm System LCM 2#
 Blow Description IF BOB @ 5 min.
ISI 1" return
FF BOB @ 4 min.
FSI BOB return @ 27 min. receded to 8"

Rec	Feet of	%gas	%oil	%water	%mud
<u>330</u>	<u>GS mco</u>	<u>33</u>	<u>65</u>	<u>2</u>	
<u>180</u>		<u>40</u>	<u>40</u>	<u>20</u>	
	<u>1990' CIP</u>				

Rec Total 510 BHT 137 Gravity 40 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2152</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>0730</u>
(B) First Initial Flow <u>26</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>0934</u>
(C) First Final Flow <u>85</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>1232</u>
(D) Initial Shut-In <u>1106</u>	<input checked="" type="checkbox"/> Circ Sub <u>1/4</u>	T-Pulled <u>1617</u>
(E) Second Initial Flow <u>94</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>1853</u>
(F) Second Final Flow <u>198</u>	<input checked="" type="checkbox"/> Mileage <u>18 RT</u> <u>73.50</u>	Comments
(G) Final Shut-In <u>1103</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2134</u>	<input type="checkbox"/> Straddle	
	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Flow <u>60</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Accessibility	Total <u>1798.50</u>
	Sub Total <u>1798.50</u>	MP/DST Disc't

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