



DRILL STEM TEST REPORT

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

6727 W. Prentice Ave.
Lakewood, CO 80123

ATTN: Jim Musgrove

Beougher#13A-36-1329

36-13S-29W Gove, KS

Start Date: 2019.04.28 @ 21:24:29

End Date: 2019.04.29 @ 11:15:04

Job Ticket #: 65684 DST #: 1

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

Printed: 2019.05.03 @ 11:17:41

US Oil Resources, LLC
36-13S-29W Gove, KS
Beougher#13A-36-1329
DST # 1
LKC "D"
2019.04.28



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

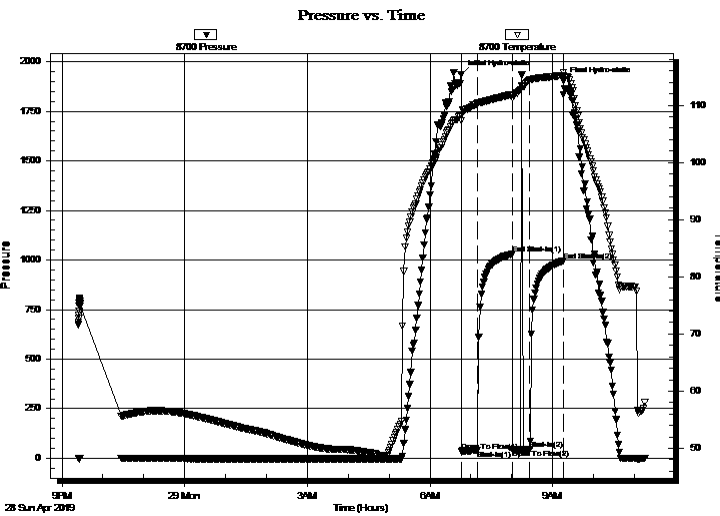
36-13S-29W Gove, KS
Beougher#13A-36-1329
 Job Ticket: 65684 **DST#: 1**
 Test Start: 2019.04.28 @ 21:24:29

GENERAL INFORMATION:

Formation: **LKC "D"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 06:45:49
 Time Test Ended: 11:15:04
 Interval: **3982.00 ft (KB) To 4014.00 ft (KB) (TVD)**
 Total Depth: 4014.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Brannan Lonsdale
 Unit No: 73
 Reference Elevations: 2789.00 ft (KB)
 2779.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8700 Outside
 Press@RunDepth: 45.35 psig @ 3983.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.04.28 End Date: 2019.04.29 Last Calib.: 2019.04.29
 Start Time: 21:24:30 End Time: 11:15:04 Time On Btm: 2019.04.29 @ 06:45:34
 Time Off Btm: 2019.04.29 @ 09:15:34

TEST COMMENT: 30- IF- Slowly built to 0.91"
 45- IS- No blow
 30- FF- No blow . Flushed tool. Did surge. No blow
 45- FS- No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1933.88	108.23	Initial Hydro-static
1	36.05	107.30	Open To Flow (1)
25	39.64	110.36	Shut-In(1)
76	1030.89	111.89	End Shut-In(1)
76	42.98	111.38	Open To Flow (2)
101	45.35	114.44	Shut-In(2)
150	994.71	115.21	End Shut-In(2)
150	1901.93	115.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	M	0.85

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

US Oil Resources, LLC

36-13S-29W Gove, KS

6727 W. Prentice Ave.
Lakewood, CO 80123

Beougher#13A-36-1329

Job Ticket: 65684

DST#: 1

ATTN: Jim Musgrove

Test Start: 2019.04.28 @ 21:24:29

Tool Information

Drill Pipe:	Length: 3972.00 ft	Diameter: 3.82 inches	Volume: 56.30 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 79000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 10.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	3982.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	60.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3955.00	
Shut In Tool	5.00			3960.00	
Hydraulic tool	5.00			3965.00	
Jars	5.00			3970.00	
Safety Joint	3.00			3973.00	
Packer	5.00			3978.00	28.00 Bottom Of Top Packer
Packer	4.00			3982.00	
Stubb	1.00			3983.00	
Recorder	0.00	6771	Inside	3983.00	
Recorder	0.00	8700	Outside	3983.00	
Perforations	28.00			4011.00	
Bullnose	3.00			4014.00	32.00 Bottom Packers & Anchor

Total Tool Length: 60.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

US Oil Resources, LLC

36-13S-29W Gove, KS

6727 W. Prentice Ave.
Lakewood, CO 80123

Beougher#13A-36-1329

Job Ticket: 65684

DST#: 1

ATTN: Jim Musgrove

Test Start: 2019.04.28 @ 21:24:29

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1300.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	M	0.851

Total Length: 60.00 ft Total Volume: 0.851 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

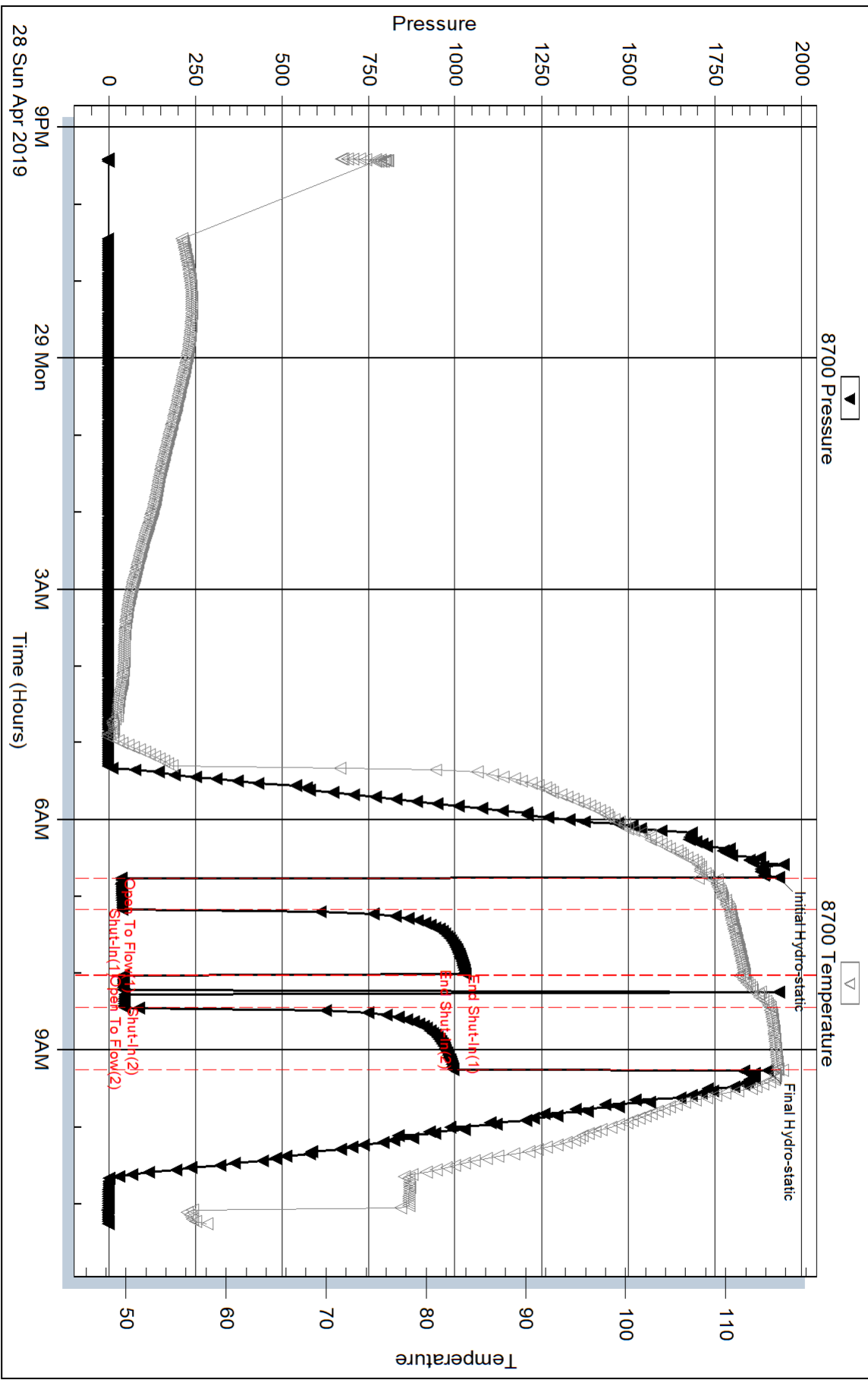
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



Serial #: 6771

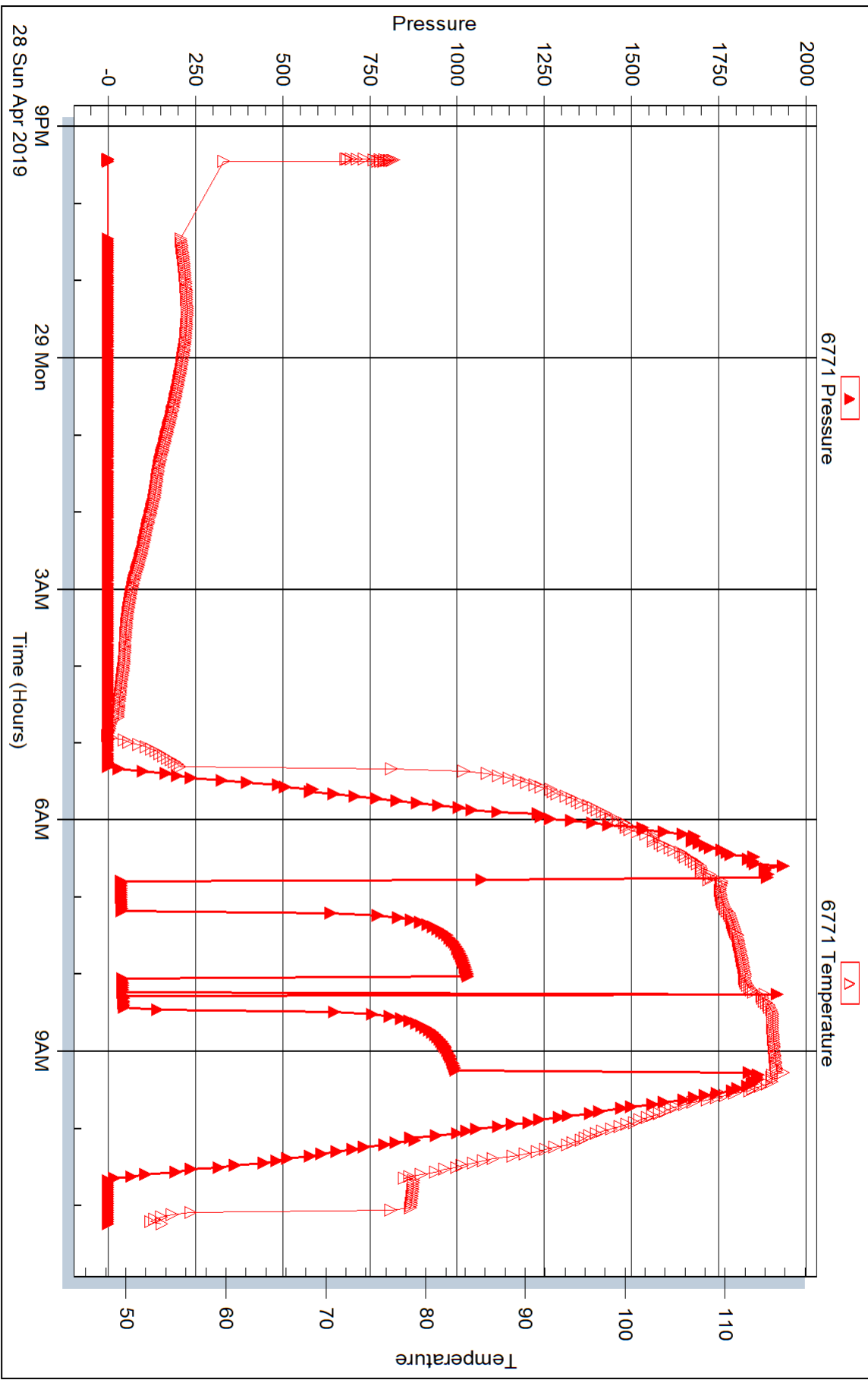
Inside

US Oil Resources, LLC

Beougher#13A-36-1329

DST Test Number: 1

Pressure vs. Time





DRILL STEM TEST REPORT

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

6727 W. Prentice Ave.
Lakewood, CO 80123

ATTN: Jim Musgrove

Beougher#13A-36-1329

36-13S-29W Gove, KS

Start Date: 2019.04.30 @ 03:35:33

End Date: 2019.04.30 @ 11:36:54

Job Ticket #: 65685 DST #: 2

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

Printed: 2019.05.03 @ 11:17:09

US Oil Resources, LLC

36-13S-29W Gove, KS

Beougher#13A-36-1329

DST # 2

LKC "G - H"

2019.04.30



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

US Oil Resources, LLC

36-13S-29W Gove, KS

6727 W. Prentice Ave.
Lakewood, CO 80123

Beougher#13A-36-1329

ATTN: Jim Musgrove

Job Ticket: 65685

DST#: 2

Test Start: 2019.04.30 @ 03:35:33

GENERAL INFORMATION:

Formation: **LKC "G - H"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:14:54

Time Test Ended: 11:36:54

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan Lonsdale

Unit No: 73

Interval: 4066.00 ft (KB) To 4138.00 ft (KB) (TVD)

Reference Elevations: 2789.00 ft (KB)

Total Depth: 4138.00 ft (KB) (TVD)

2779.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8700 Outside

Press@RunDepth: 21.43 psig @ 4067.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.04.30

End Date:

2019.04.30

Last Calib.: 2019.04.30

Start Time: 03:35:34

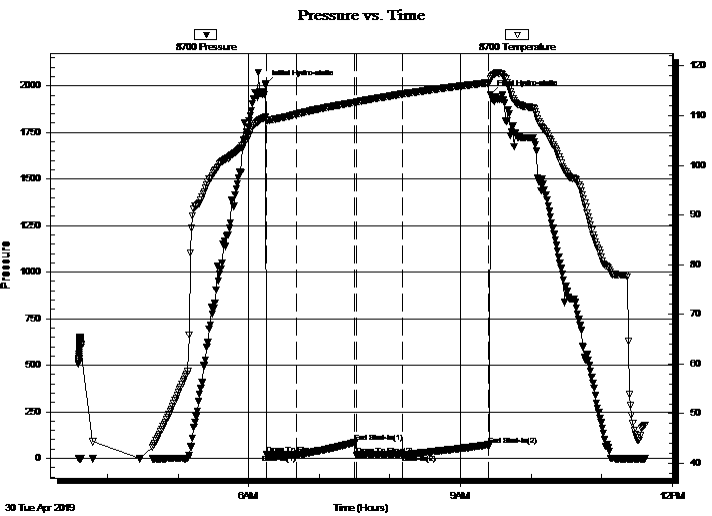
End Time:

11:36:54

Time On Btm: 2019.04.30 @ 06:14:39

Time Off Btm: 2019.04.30 @ 09:25:24

TEST COMMENT: 30- IF- Slowly built to 2.11"
45- IS- No blow
45- FF- Slowly built to 1.67"
60- FS- No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2008.55	109.68	Initial Hydro-static
1	21.58	108.98	Open To Flow (1)
26	20.03	110.25	Shut-In(1)
76	85.52	112.65	End Shut-In(1)
77	18.53	112.74	Open To Flow (2)
116	21.43	114.31	Shut-In(2)
190	73.47	116.59	End Shut-In(2)
191	1954.39	117.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	OSM	0.28

* 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

36-13S-29W Gove, KS

6727 W. Prentice Ave.
Lakewood, CO 80123

Beougher#13A-36-1329

ATTN: Jim Musgrove

Job Ticket: 65685

DST#: 2

Test Start: 2019.04.30 @ 03:35:33

Tool Information

Drill Pipe:	Length: 4065.00 ft	Diameter: 3.82 inches	Volume: 57.62 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 63000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4066.00 ft			Final 59000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	72.00 ft			
Tool Length:	100.00 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			4039.00	
Shut In Tool	5.00			4044.00	
Hydraulic tool	5.00			4049.00	
Jars	5.00			4054.00	
Safety Joint	3.00			4057.00	
Packer	5.00			4062.00	28.00 Bottom Of Top Packer
Packer	4.00			4066.00	
Stubb	1.00			4067.00	
Recorder	0.00	6771	Inside	4067.00	
Recorder	0.00	8700	Outside	4067.00	
Perforations	4.00			4071.00	
Change Over Sub	1.00			4072.00	
Drill Pipe	62.00			4134.00	
Change Over Sub	1.00			4135.00	
Bullnose	3.00			4138.00	72.00 Bottom Packers & Anchor

Total Tool Length: 100.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

US Oil Resources, LLC

36-13S-29W Gove, KS

6727 W. Prentice Ave.
Lakewood, CO 80123

Beougher#13A-36-1329

Job Ticket: 65685

DST#: 2

ATTN: Jim Musgrove

Test Start: 2019.04.30 @ 03:35:33

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
20.00	OSM	0.284

Total Length: 20.00 ft Total Volume: 0.284 bbl

Num Fluid Samples: 0

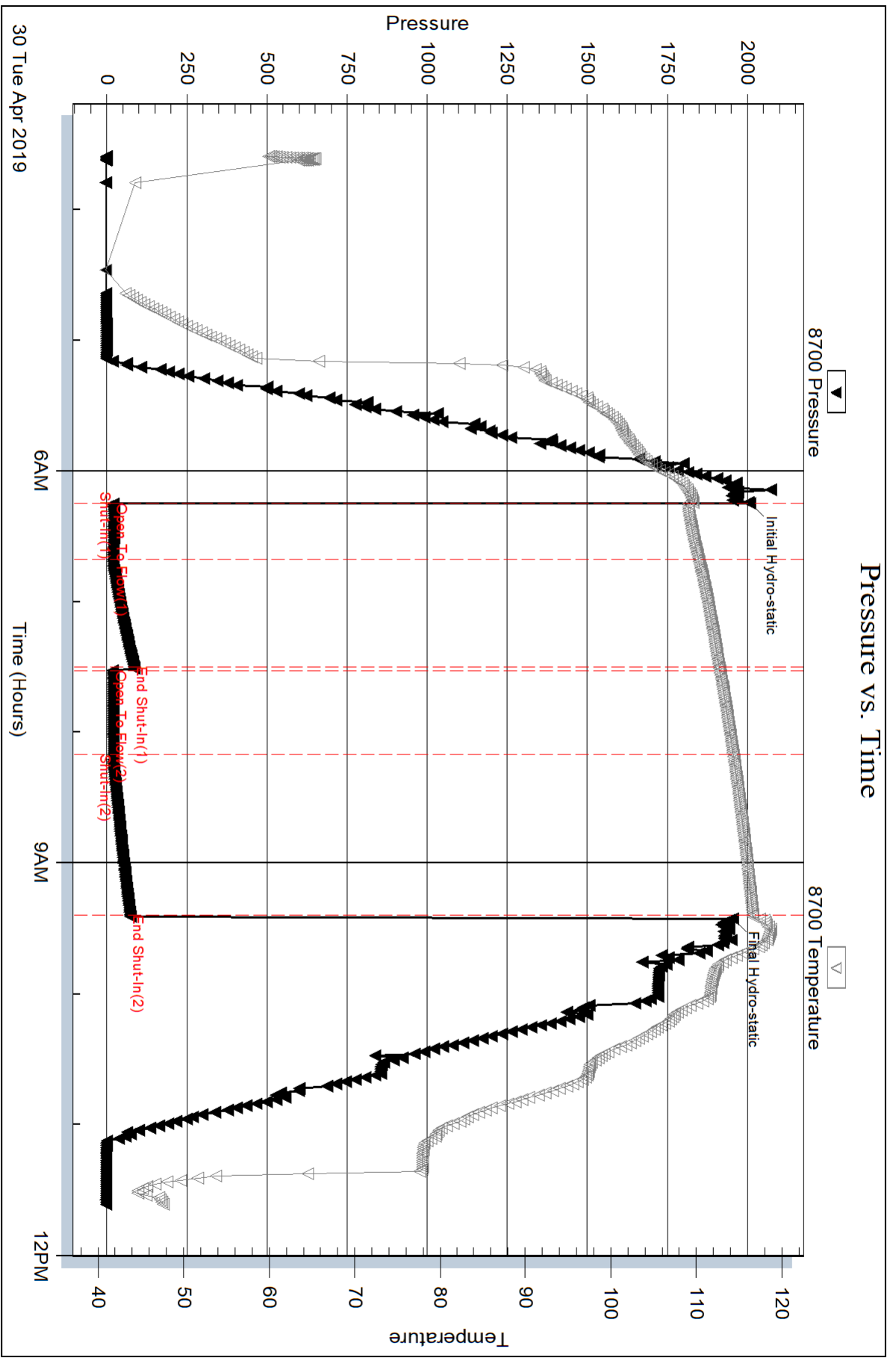
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



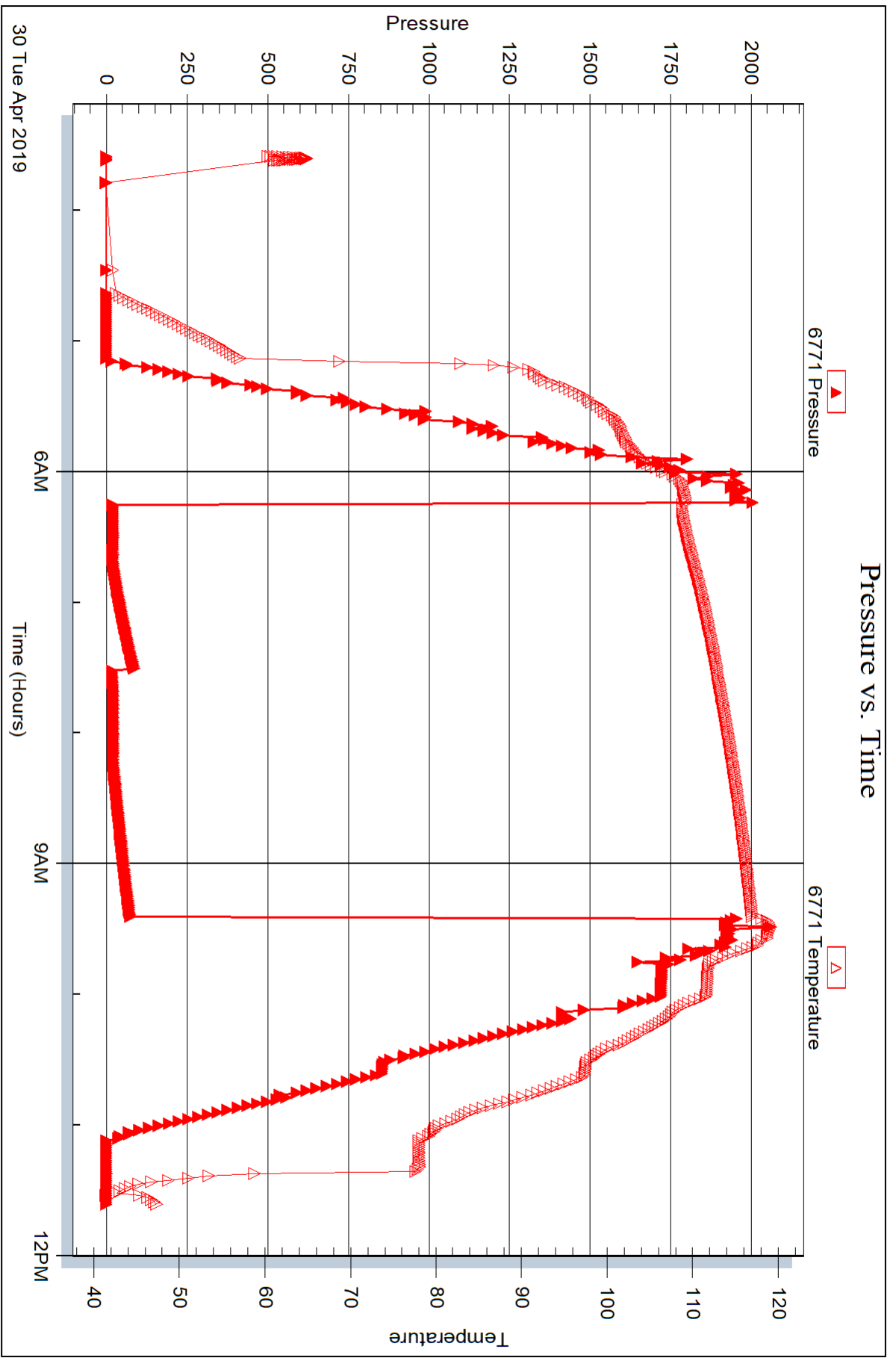
Serial #: 6771

Inside

US Oil Resources, LLC

Beougher#13A-36-1329

DST Test Number: 2





DRILL STEM TEST REPORT

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

6727 W. Prentice Ave.
Lakewood, CO 80123

ATTN: Jim Musgrove

Beougher#13A-36-1329

36-13S-29W Gove, KS

Start Date: 2019.04.30 @ 22:28:45

End Date: 2019.05.01 @ 05:37:36

Job Ticket #: 65686 DST #: 3

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

Printed: 2019.05.03 @ 11:14:05

US Oil Resources, LLC
36-13S-29W Gove, KS
Beougher#13A-36-1329
DST # 3
LKC "J"
2019.04.30



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

US Oil Resources, LLC

36-13S-29W Gove, KS

6727 W. Prentice Ave.
Lakewood, CO 80123

Beougher#13A-36-1329

ATTN: Jim Musgrove

Job Ticket: 65686

DST#: 3

Test Start: 2019.04.30 @ 22:28:45

GENERAL INFORMATION:

Formation: **LKC "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:39:51

Time Test Ended: 05:37:36

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan Lonsdale

Unit No: 73

Interval: 4171.00 ft (KB) To 4190.00 ft (KB) (TVD)

Reference Elevations: 2789.00 ft (KB)

Total Depth: 4190.00 ft (KB) (TVD)

2779.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8700 Outside

Press@RunDepth: 61.27 psig @ 4172.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.04.30

End Date:

2019.05.01

Last Calib.:

2019.05.01

Start Time:

22:28:46

End Time:

05:37:36

Time On Btm:

2019.05.01 @ 00:39:36

Time Off Btm:

2019.05.01 @ 03:51:36

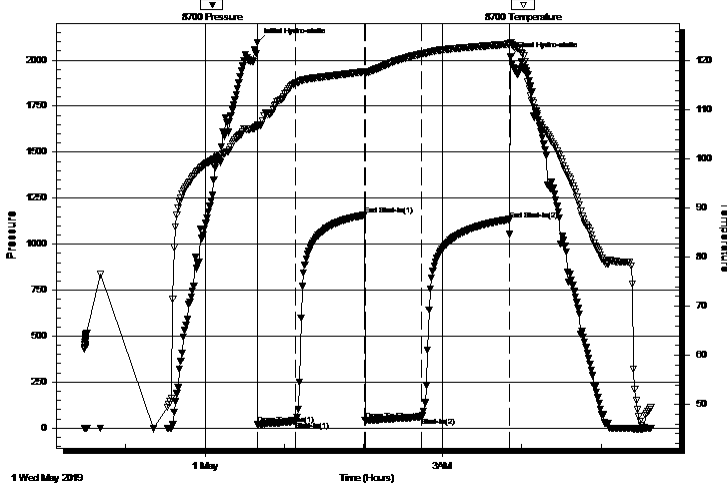
TEST COMMENT: 30- IF- Slowly built to 5.05"

45- IS- No blow

45- FF- Slowly built to 4.38"

60- FSI- No blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2096.19	106.92	Initial Hydro-static
1	20.43	106.35	Open To Flow (1)
29	36.36	115.54	Shut-In(1)
81	1158.09	117.82	End Shut-In(1)
82	41.03	117.41	Open To Flow (2)
125	61.27	121.48	Shut-In(2)
191	1134.12	123.46	End Shut-In(2)
192	2020.98	123.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	MW, 20%M 80%W	1.42
1.00	CO	0.01

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

36-13S-29W Gove, KS

6727 W. Prentice Ave.
Lakewood, CO 80123

Beougher#13A-36-1329

Job Ticket: 65686

DST#: 3

ATTN: Jim Musgrove

Test Start: 2019.04.30 @ 22:28:45

Tool Information

Drill Pipe:	Length: 4159.00 ft	Diameter: 3.82 inches	Volume: 58.96 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: - bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 57000.00 lb
Depth to Top Packer:	4171.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 ft			
Tool Length:	47.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4144.00	
Shut In Tool	5.00			4149.00	
Hydraulic tool	5.00			4154.00	
Jars	5.00			4159.00	
Safety Joint	3.00			4162.00	
Packer	5.00			4167.00	28.00 Bottom Of Top Packer
Packer	4.00			4171.00	
Stubb	1.00			4172.00	
Recorder	0.00	6771	Inside	4172.00	
Recorder	0.00	8700	Outside	4172.00	
Perforations	15.00			4187.00	
Bullnose	3.00			4190.00	19.00 Bottom Packers & Anchor

Total Tool Length: 47.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

US Oil Resources, LLC

36-13S-29W Gove, KS

6727 W. Prentice Ave.
Lakewood, CO 80123

Beougher#13A-36-1329

Job Ticket: 65686

DST#: 3

ATTN: Jim Musgrove

Test Start: 2019.04.30 @ 22:28:45

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

52000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
100.00	MW, 20%M 80%W	1.418
1.00	CO	0.014

Total Length: 101.00 ft Total Volume: 1.432 bbl

Num Fluid Samples: 0

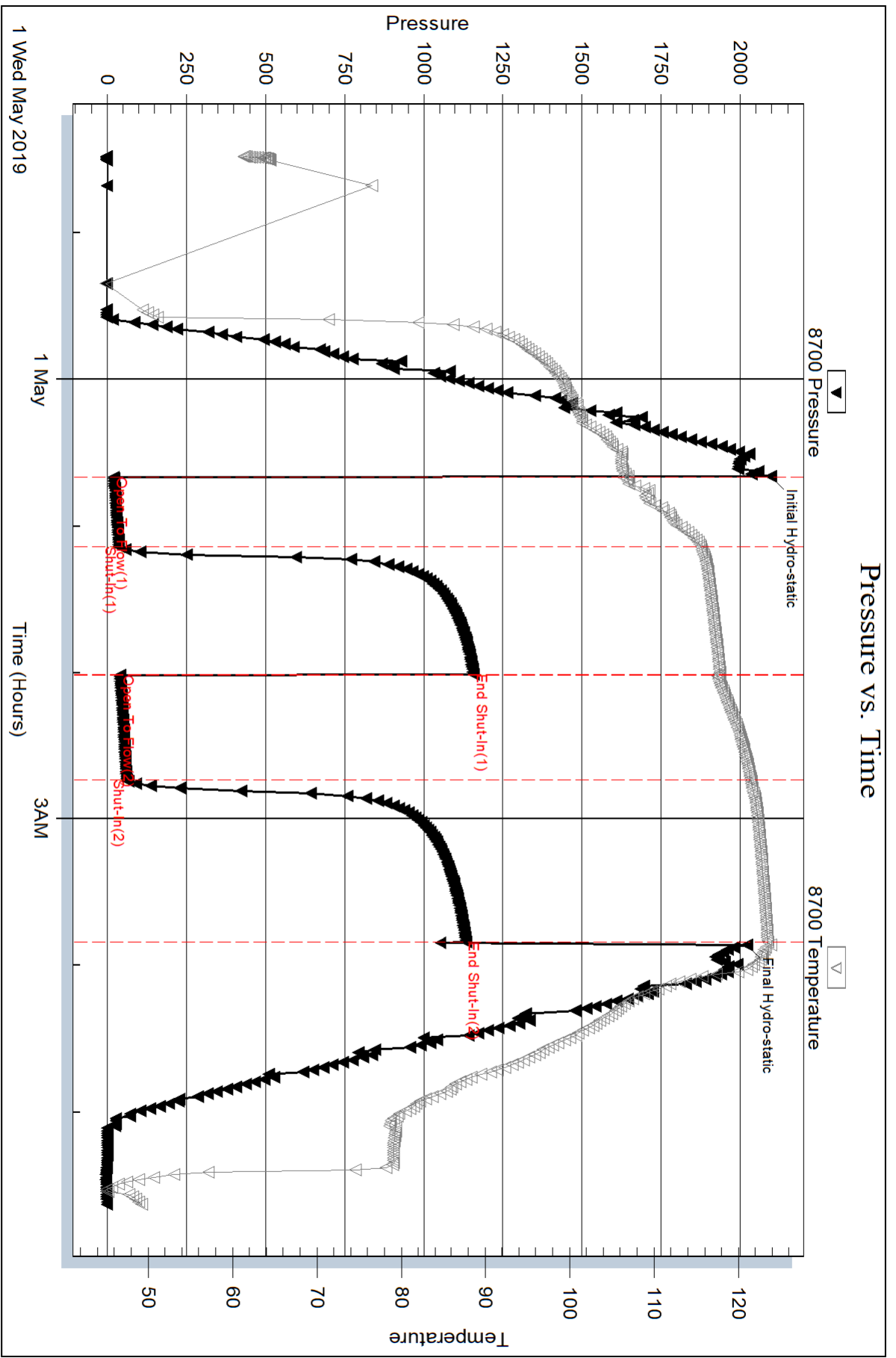
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .17@53deg



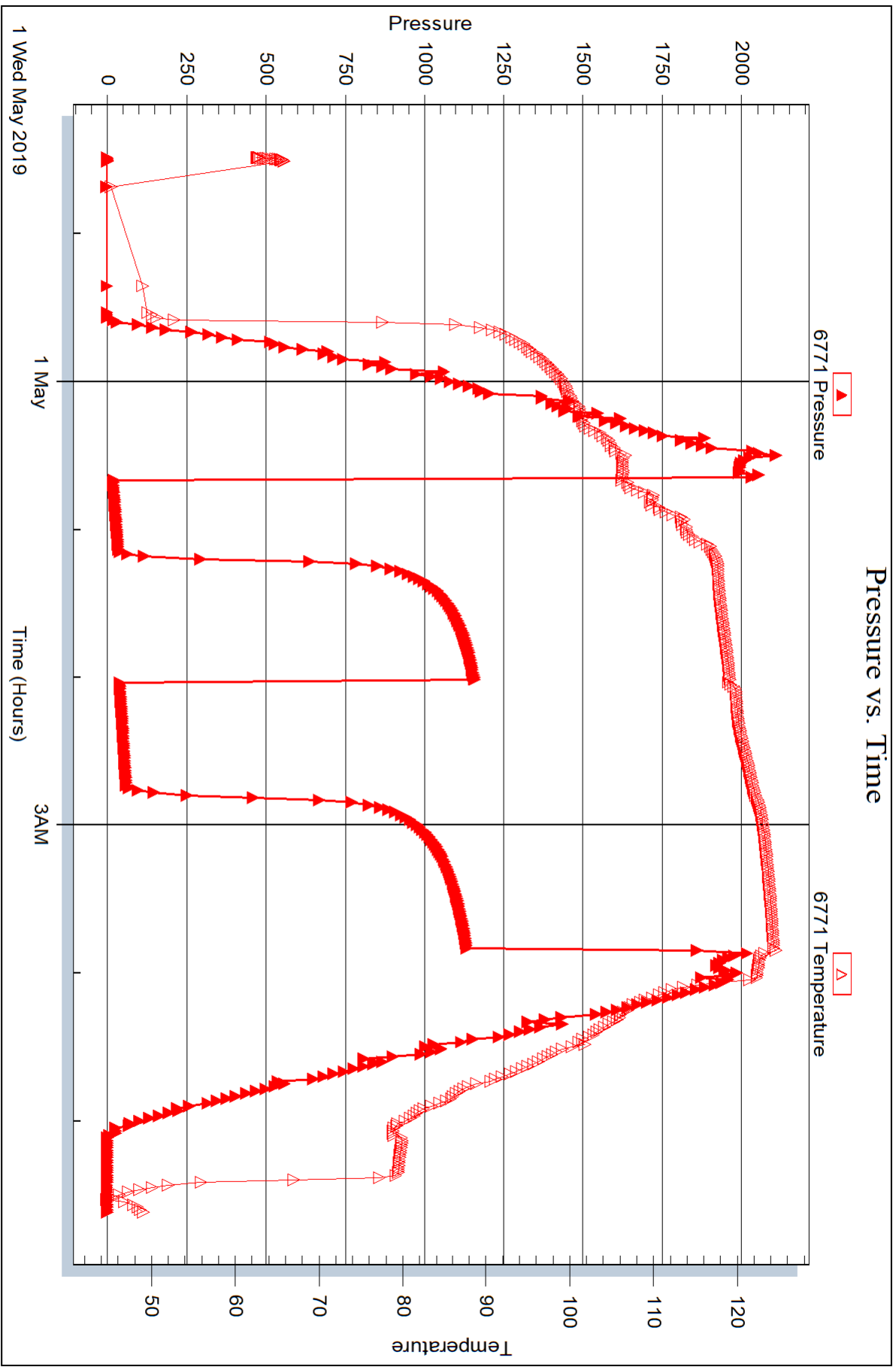
Serial #: 6771

Inside

US Oil Resources, LLC

Beougher#13A-36-1329

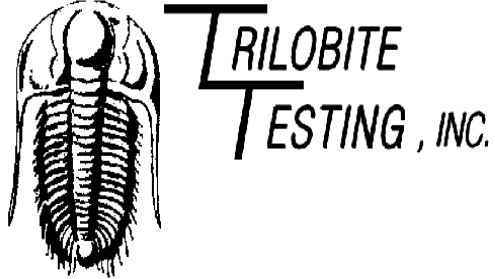
DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 65686

Printed: 2019.05.03 @ 11:14:06



DRILL STEM TEST REPORT

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

6727 W. Prentice Ave.
Lakewood, CO 80123

ATTN: Jim Musgrove

Beougher#13A-36-1329

36-13S-29W Gove, KS

Start Date: 2019.05.02 @ 15:40:59

End Date: 2019.05.03 @ 01:04:34

Job Ticket #: 65687 DST #: 4

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

Printed: 2019.05.03 @ 11:13:37

US Oil Resources, LLC
36-13S-29W Gove, KS
Beougher#13A-36-1329
DST # 4
Miss
2019.05.02



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

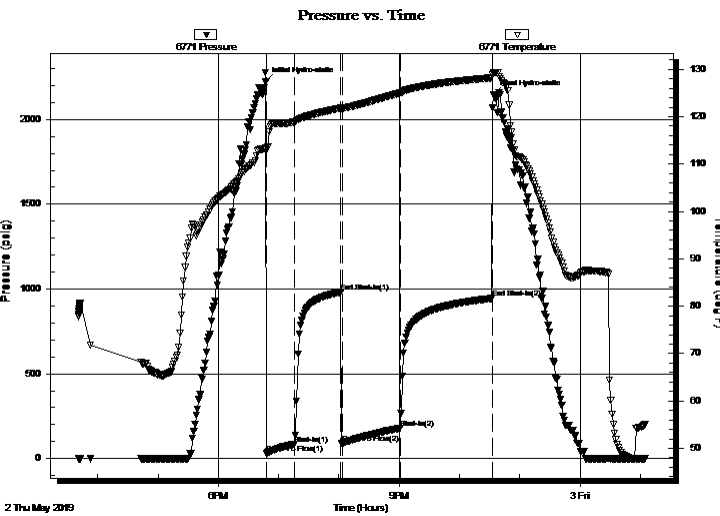
36-13S-29W Gove, KS
Beougher#13A-36-1329
 Job Ticket: 65687 **DST#: 4**
 Test Start: 2019.05.02 @ 15:40:59

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 18:47:50 Tester: Brannan Lonsdale
 Time Test Ended: 01:04:34 Unit No: 73
 Interval: **4484.00 ft (KB) To 4528.00 ft (KB) (TVD)** Reference Elevations: 2789.00 ft (KB)
 Total Depth: 4528.00 ft (KB) (TVD) 2779.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 10.00 ft

Serial #: 6771 Inside
 Press@RunDepth: 180.30 psig @ 4485.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.05.02 End Date: 2019.05.03 Last Calib.: 2019.05.03
 Start Time: 15:41:00 End Time: 01:04:34 Time On Btm: 2019.05.02 @ 18:47:20
 Time Off Btm: 2019.05.02 @ 22:33:50

TEST COMMENT: 30- IF- BOB 8 mins. Built to 34.57"
 45- IS- Built to 0.93"
 60- FF- BOB 6 mins. Built to 73.52"
 90- FSI- Built to 5.77" in 16 mins then slowly died back to 4.09"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2222.61	113.35	Initial Hydro-static
1	29.10	112.90	Open To Flow (1)
29	85.90	118.91	Shut-In(1)
75	981.27	121.78	End Shut-In(1)
76	90.72	121.74	Open To Flow (2)
134	180.30	124.98	Shut-In(2)
225	944.85	128.20	End Shut-In(2)
227	2146.69	129.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
250.00	VGMCO, 45%G 20%M 35%O	3.54
180.00	CVGO, 55%G 45%O	2.55
0.00	880' GIP	0.00

* 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

36-13S-29W Gove, KS

6727 W. Prentice Ave.
Lakewood, CO 80123

Beougher#13A-36-1329

Job Ticket: 65687

DST#: 4

ATTN: Jim Musgrove

Test Start: 2019.05.02 @ 15:40:59

Tool Information

Drill Pipe:	Length: 4471.00 ft	Diameter: 3.82 inches	Volume: 63.38 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	64000.00 lb
			<u>Total Volume:</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial	61000.00 lb
Depth to Top Packer:	4484.00 ft			Final	62000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	44.00 ft				
Tool Length:	72.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Change Over Sub	1.00			4457.00	
Shut In Tool	5.00			4462.00	
Hydraulic tool	5.00			4467.00	
Jars	5.00			4472.00	
Safety Joint	3.00			4475.00	
Packer	5.00			4480.00	28.00 Bottom Of Top Packer
Packer	4.00			4484.00	
Stubb	1.00			4485.00	
Recorder	0.00	6771	Inside	4485.00	
Recorder	0.00	8700	Outside	4485.00	
Perforations	7.00			4492.00	
Change Over Sub	1.00			4493.00	
Drill Pipe	31.00			4524.00	
Change Over Sub	1.00			4525.00	
Bullnose	3.00			4528.00	44.00 Bottom Packers & Anchor

Total Tool Length: 72.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

US Oil Resources, LLC

36-13S-29W Gove, KS

6727 W. Prentice Ave.
Lakewood, CO 80123

Beougher#13A-36-1329

Job Ticket: 65687

DST#: 4

ATTN: Jim Musgrove

Test Start: 2019.05.02 @ 15:40:59

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
250.00	VGMCO, 45%G 20%M 35%O	3.544
180.00	CVGO, 55%G 45%O	2.552
0.00	880' GIP	0.000

Total Length: 430.00 ft

Total Volume: 6.096 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

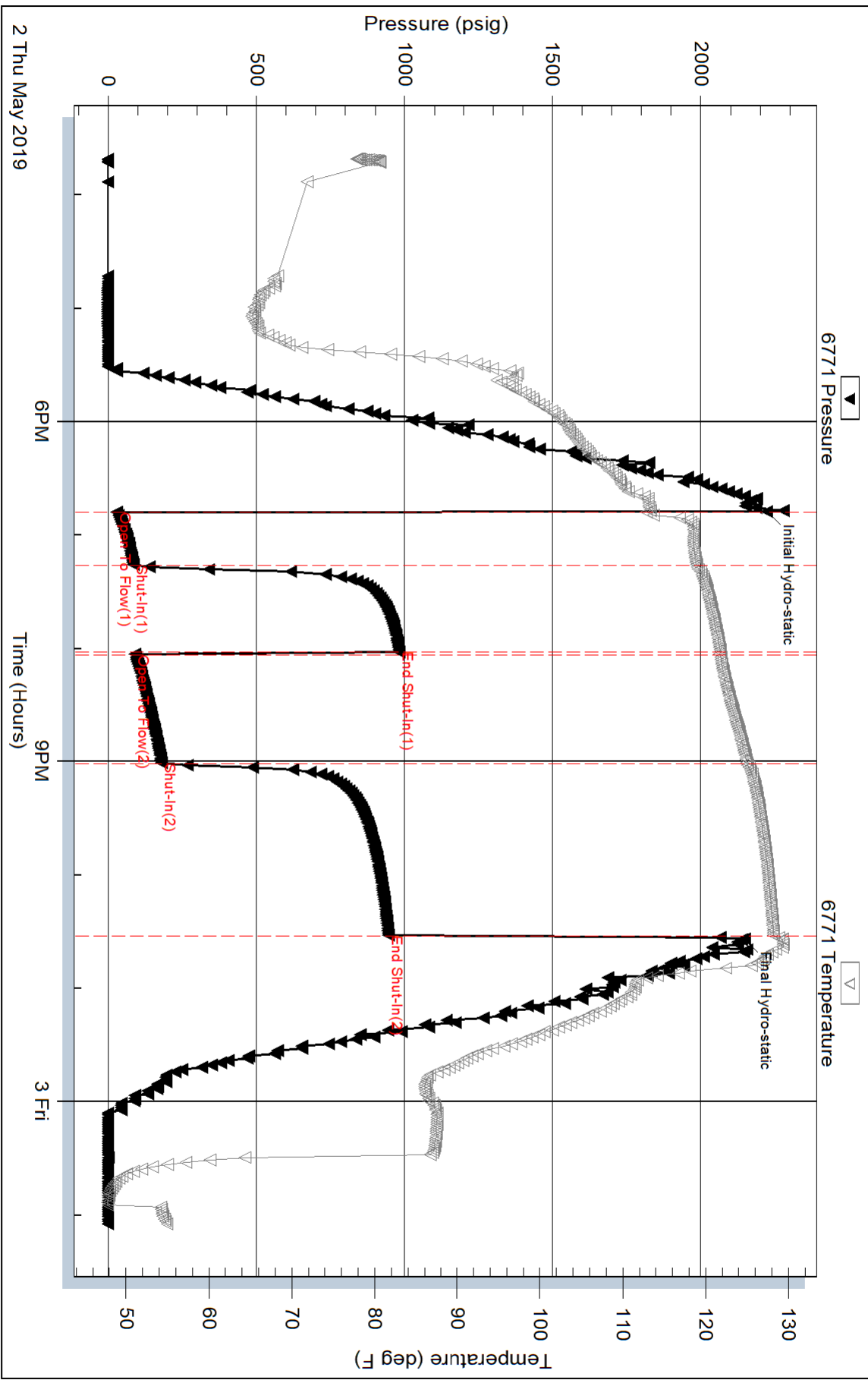
Serial #:

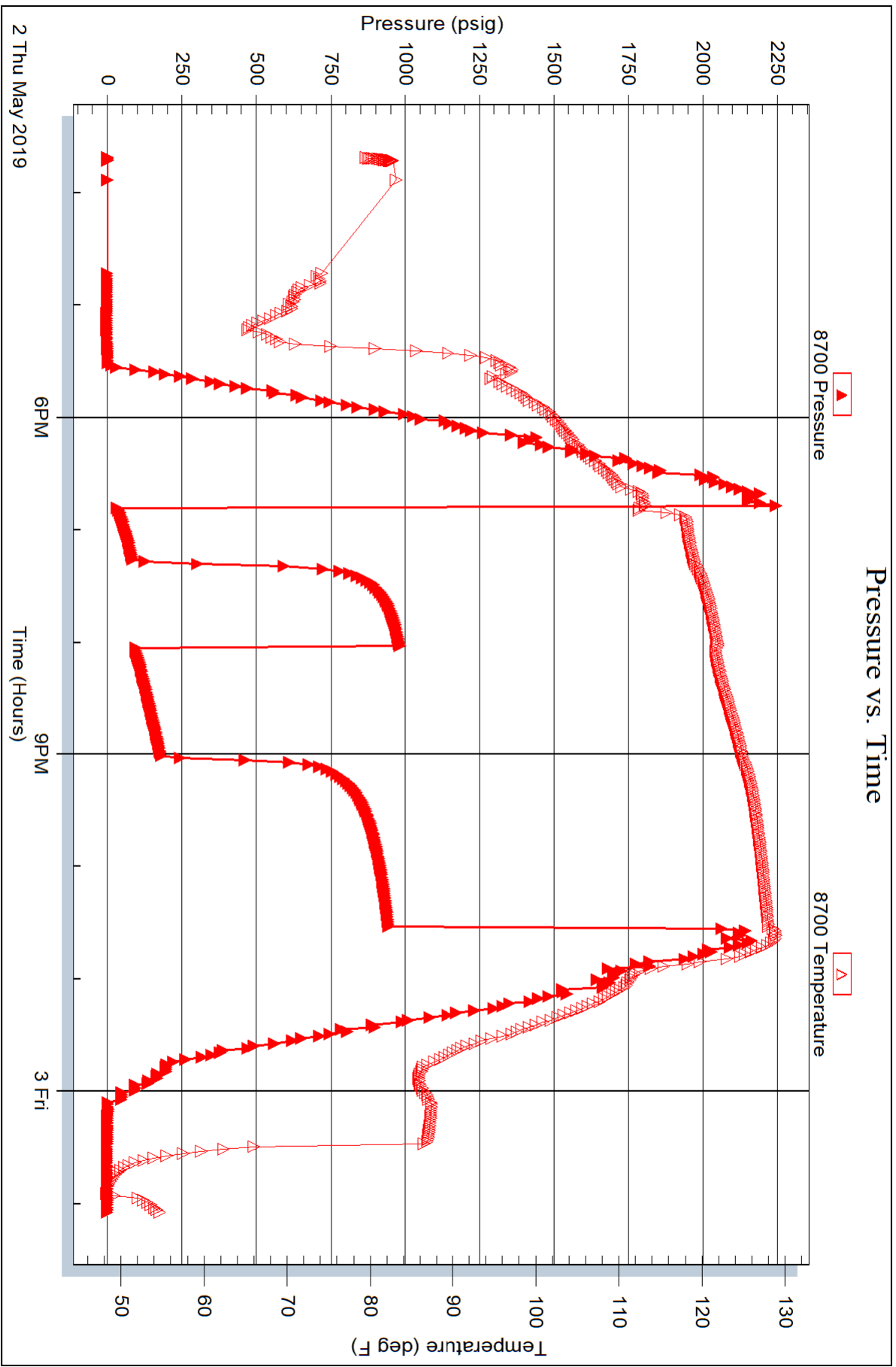
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 65684

Well Name & No. Beaugar #13A-36-1329 Test No. 1 Date 4/29/19
 Company U.S. Oil Resources, LLC Elevation 2789 KB 2779 GL
 Address 6727 W. Prantice Ave. Lakewood, CO 80123
 Co. Rep / Geo. Tom Musgrave Rig Duke 2
 Location: Sec. 36 Twp 13 S Rge. 29 W Co. _____ Cone State KS

Interval Tested 3982-4014 Zone Tested LKC "D"
 Anchor Length 32' Drill Pipe Run 3972 Mud Wt. 8.9
 Top Packer Depth 3977 Drill Collars Run _____ Vis 55
 Bottom Packer Depth 3982 Wt. Pipe Run _____ WL 7.8
 Total Depth 4014 Chlorides 1300 ppm System LCM 2nd
 Blow Description IF - slowly built to 0.91"
ISF - No blow
FF - No blow. Flushed cool. Did surge. No blow
FST - No blow

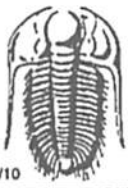
Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>M</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 60 BHT 115° Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1934</u>	<input checked="" type="checkbox"/> Test <u>1300</u>	T-On Location <u>2055</u>
(B) First Initial Flow <u>36</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>2124</u>
(C) First Final Flow <u>40</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>0642</u>
(D) Initial Shut-In <u>1031</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>0912</u>
(E) Second Initial Flow <u>43</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>1115</u>
(F) Second Final Flow <u>45</u>	<input checked="" type="checkbox"/> Mileage <u>162 RT</u> 96rt + 62	Comments <u>2nd short trip needed. Back @ 0430</u>
(G) Final Shut-In <u>995</u>	<input type="checkbox"/> Sampler _____	<u>62 RT to motel</u>
(H) Final Hydrostatic <u>1902</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> EM Tool _____
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>30</u>	<input type="checkbox"/> Extra Recorder _____	<input type="checkbox"/> Extra Copies _____
Final Shut-In <u>45</u>	<input type="checkbox"/> Day Standby _____	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility _____	Total <u>1783</u>
	Sub Total <u>1783</u>	MP/DST Disc't _____

Approved By _____ Our Representative Branham Lonsdale

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. 65685

Well Name & No. Beaucher #13A-36-1329 Test No. 2 Date 4/30/19
 Company U.S. Oil Resources, LLC Elevation 2789 KB 2779 GL
 Address 6727 W Prentice Ave. Lakewood, CO 80123
 Co. Rep / Geo. Jim Musgrove Rig Duke 2
 Location: Sec. 36 Twp 13 S Rge. 29 W Co. Ave State KS

Interval Tested 4066-4138 Zone Tested LKC "H+G"
 Anchor Length 72' Drill Pipe Run 4065 Mud Wt. 8.9
 Top Packer Depth 4061 Drill Collars Run Vis 46
 Bottom Packer Depth 4066 Wt. Pipe Run WL 8.0
 Total Depth 4138 Chlorides 1800 ppm System LCM 1#
 Blow Description IF - slowly built to 2.11"
FSI - No Blow
EF - slowly built to 1.67"
FSI - No Blow

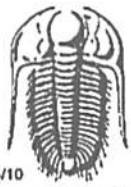
Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>85M</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 20' BHT 117° Gravity API RW @ °F Chlorides ppm

(A) Initial Hydrostatic <u>2009</u>	<input checked="" type="checkbox"/> Test <u>1300</u>	T-On Location <u>0315</u>
(B) First Initial Flow <u>20</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>0335</u>
(C) First Final Flow <u>22</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>0614</u>
(D) Initial Shut-In <u>86</u>	<input type="checkbox"/> Circ Sub <u> </u>	T-Pulled <u>0914</u>
(E) Second Initial Flow <u>19</u>	<input type="checkbox"/> Hourly Standby <u> </u>	T-Out <u>1137</u>
(F) Second Final Flow <u>21</u>	<input checked="" type="checkbox"/> Mileage <u>162 RT</u> 96	Comments <u> </u>
(G) Final Shut-In <u>73</u>	<input type="checkbox"/> Sampler <u> </u>	
(H) Final Hydrostatic <u>1954</u>	<input type="checkbox"/> Straddle <u> </u>	<input type="checkbox"/> EM Tool <u> </u>
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer <u> </u>	<input type="checkbox"/> Ruined Shale Packer <u> </u>
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer <u> </u>	<input type="checkbox"/> Ruined Packer <u> </u>
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder <u> </u>	<input type="checkbox"/> Extra Copies <u> </u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby <u> </u>	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility <u> </u>	Total <u>1721</u>
	Sub Total <u>1721</u>	MP/DST Disc't <u> </u>

Approved By _____ Our Representative Brannon Lonsdale

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **65686**

Well Name & No. Beaucher # 13A-36-1329 Test No. 3 Date 4/30/19
 Company U.S. Oil Resources, LLC Elevation 2789 KB 2779 GL
 Address 6727 W. Prentice Ave. Lakewood CO 80123
 Co. Rep / Geo. Jim Musgrove Rig Ruke 2
 Location: Sec. 36 Twp 13 S Rge. 29 W Co. Cove State KS

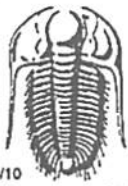
Interval Tested 4171-4190 Zone Tested LKC "J"
 Anchor Length 19' Drill Pipe Run 4159 Mud Wt. 8.9
 Top Packer Depth 4166 Drill Collars Run --- Vis 57
 Bottom Packer Depth 4171 Wt. Pipe Run --- WL 72
 Total Depth 4190 Chlorides 1600 ppm System LCM 2nd
 Blow Description IF - Slowly built to 5.05"
ISF - No blow
PF - Slowly built to 4.38"
PSF - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>100</u>	<u>MW</u>			<u>80</u>	<u>20</u>
<u>1</u>	<u>CO</u>				

Rec Total 101' BHT 124° Gravity _____ API RW .17 @ 53° F Chlorides 52,000 ppm

(A) Initial Hydrostatic <u>2096</u>	<input checked="" type="checkbox"/> Test <u>1300</u>	T-On Location <u>2210</u>
(B) First Initial Flow <u>20</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>2228</u>
(C) First Final Flow <u>36</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>7/1</u> <u>0038</u>
(D) Initial Shut-In <u>1158</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>0838</u>
(E) Second Initial Flow <u>41</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>0537</u>
(F) Second Final Flow <u>61</u>	<input checked="" type="checkbox"/> Mileage <u>162 RT</u> <u>96</u>	Comments _____
(G) Final Shut-In <u>1134</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>2021</u>	<input type="checkbox"/> Straddle _____	
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> EM Tool _____
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Ruined Shale Packer _____
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder _____	<input type="checkbox"/> Ruined Packer _____
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby _____	<input type="checkbox"/> Extra Copies _____
	<input type="checkbox"/> Accessibility _____	Sub Total <u>0</u>
	Sub Total <u>1721</u>	Total <u>1721</u>

Approved By _____ Our Representative Brian Lonsdale
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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **65687**

Well Name & No. Deouder # BA-36-1329 Test No. 4 Date 5/2/19
 Company U.S. Oil Resources, LLC Elevation 2789 KB 2779 GL
 Address 6727 W. Prentice Ave. Lakewood CO 80123
 Co. Rep / Geo. Jim Musgrove Rig Duke 2
 Location: Sec. 36 Twp 13 S Rge. 29 W Co. Cove State KS

Interval Tested 4484-4528 Zone Tested MISS
 Anchor Length 44' Drill Pipe Run 4471 Mud Wt. 9.2
 Top Packer Depth 4479 Drill Collars Run --- Vls 56
 Bottom Packer Depth 4484 Wt. Pipe Run --- WL 7.6
 Total Depth 4528 Chlorides 1600 ppm System LCM 1#
 Blow Description IF-BOB 8 mins. Built to 34.57"
ISF- Built to 0.93"
FF-BOB 6 mins. Built to 73.52"
FSF- Built to 3.77" in 16 mins then slowly died back to 4.09"

Rec	Feet of	%gas	%oil	%water	%mud
<u>250</u>	<u>VG MCO</u>	<u>45%</u>	<u>35%</u>	<u>20%</u>	<u>0%</u>
<u>180</u>	<u>VGCO</u>	<u>55%</u>	<u>45%</u>	<u>0%</u>	<u>0%</u>
<u>---</u>	<u>880' GTP</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>
<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>
<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>

Rec Total 430' BHT 128° Gravity 36 API RW --- @ --- °F Chlorides --- ppm

(A) Initial Hydrostatic <u>2223</u>	<input checked="" type="checkbox"/> Test <u>1300</u>	T-On Location <u>1515</u>
(B) First Initial Flow <u>29</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>1541</u>
(C) First Final Flow <u>86</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>1847</u>
(D) Initial Shut-In <u>981</u>	<input type="checkbox"/> Circ Sub <u>---</u>	T-Pulled <u>2232</u>
(E) Second Initial Flow <u>91</u>	<input type="checkbox"/> Hourly Standby <u>---</u>	T-Out <u>5/3</u> <u>0105</u>
(F) Second Final Flow <u>180</u>	<input checked="" type="checkbox"/> Mileage <u>162 RT</u> 96	Comments <u>---</u>
(G) Final Shut-In <u>945</u>	<input type="checkbox"/> Sampler <u>---</u>	<u>---</u>
(H) Final Hydrostatic <u>2147</u>	<input type="checkbox"/> Straddle <u>---</u>	<input type="checkbox"/> EM Tool <u>---</u>
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer <u>---</u>	<input type="checkbox"/> Ruined Shale Packer <u>---</u>
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer <u>---</u>	<input type="checkbox"/> Ruined Packer <u>---</u>
Final Flow <u>60</u>	<input type="checkbox"/> Extra Recorder <u>---</u>	<input type="checkbox"/> Extra Copies <u>---</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Day Standby <u>---</u>	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility <u>---</u>	Total <u>1721</u>
	Sub Total <u>1721</u>	MP/DST Disc't <u>---</u>

Approved By _____ Our Representative Bryan Lonsdale

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