



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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DRILL STEM TEST REPORT

Prepared For: **Messenger Petroleum Inc**

525 S Main St
Kingman KS 67068

ATTN: John F Messenger/Fra

Thom #1

27-28s-12w Pratt,KS

Start Date: 2012.12.11 @ 10:34:52

End Date: 2012.12.11 @ 19:27:22

Job Ticket #: 49514 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.12.18 @ 13:26:06



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Messenger Petroleum Inc

27-28s-12w Pratt, KS

525 S Main St
Kingman KS 67068

Thom #1

Job Ticket: 49514

DST#: 1

ATTN: John F Messenger/Fra

Test Start: 2012.12.11 @ 10:34:52

GENERAL INFORMATION:

Formation: **Lansing**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:37:52

Time Test Ended: 19:27:22

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Staats

Unit No: 47

Interval: 4008.00 ft (KB) To 4035.00 ft (KB) (TVD)

Reference Elevations: 1873.00 ft (KB)

Total Depth: 4035.00 ft (KB) (TVD)

1864.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 6755 Inside

Press @ Run Depth: 60.79 psig @ 4009.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.12.11 End Date: 2012.12.11

Last Calib.: 2012.12.11

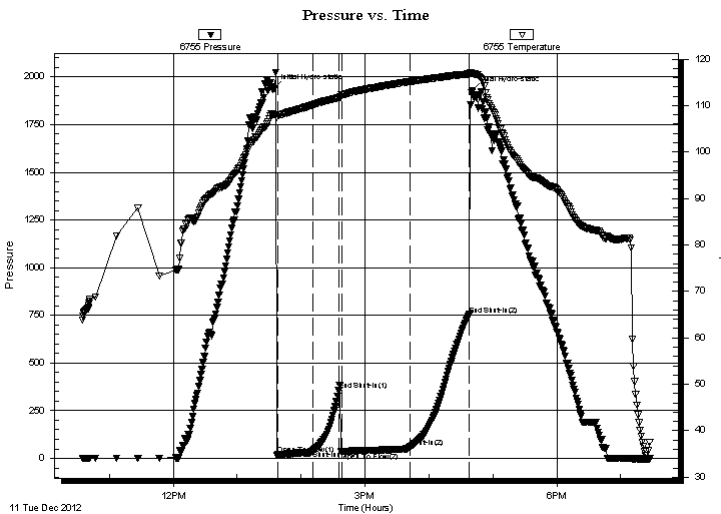
Start Time: 10:34:57 End Time: 19:27:22

Time On Btm: 2012.12.11 @ 13:34:07

Time Off Btm: 2012.12.11 @ 16:40:22

TEST COMMENT: IF: Weak blow 4"
IS: No blow back
FF: Weak blow 4"
FS: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1940.54	108.09	Initial Hydro-static
4	20.34	107.96	Open To Flow (1)
37	40.54	110.17	Shut-In(1)
61	355.52	111.68	End Shut-In(1)
64	34.53	112.28	Open To Flow (2)
128	60.79	115.18	Shut-In(2)
184	751.30	116.80	End Shut-In(2)
187	1926.92	116.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	W,M 40% w ater 60% mud w ith oil spots	0.32

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Messenger Petroleum Inc

27-28s-12w Pratt,KS

525 S Main St
Kingman KS 67068

Thom #1

Job Ticket: 49514

DST#: 1

ATTN: John F Messenger/Fra

Test Start: 2012.12.11 @ 10:34:52

GENERAL INFORMATION:

Formation: **Lansing**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:37:52

Time Test Ended: 19:27:22

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Staats

Unit No: 47

Interval: 4008.00 ft (KB) To 4035.00 ft (KB) (TVD)

Reference Elevations: 1873.00 ft (KB)

Total Depth: 4035.00 ft (KB) (TVD)

1864.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 6773 Outside

Press @RunDepth: psig @ 4009.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.12.11

End Date:

2012.12.11

Last Calib.:

2012.12.11

Start Time: 10:38:57

End Time:

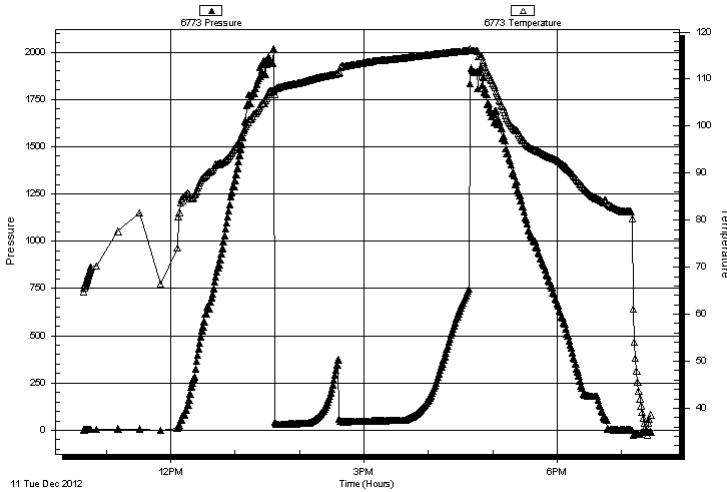
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Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Weak blow 4"
IS: No blow back
FF: Weak blow 4"
FS: No blow back

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
65.00	W,M 40% w ater 60% mud w ith oil spots	0.32

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Messenger Petroleum Inc

27-28s-12w Pratt, KS

525 S Main St
Kingman KS 67068

Thom #1

Job Ticket: 49514

DST#: 1

ATTN: John F Messenger/Fra

Test Start: 2012.12.11 @ 10:34:52

Tool Information

Drill Pipe:	Length: 3791.00 ft	Diameter: 3.80 inches	Volume: 53.18 bbl	Tool Weight: 2200.00 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: 210.00 ft	Diameter: 2.25 inches	Volume: 1.03 bbl	Weight to Pull Loose: 82000.00 lb
			<u>Total Volume: 54.21 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 79000.00 lb
Depth to Top Packer:	4008.00 ft			Final 79000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	55.00 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			3981.00	
Shut In Tool	5.00			3986.00	
Hydraulic tool	5.00			3991.00	
Jars	5.00			3996.00	
Safety Joint	3.00			3999.00	
Packer	5.00			4004.00	28.00 Bottom Of Top Packer
Packer	4.00			4008.00	
Stubb	1.00			4009.00	
Recorder	0.00	6773	Outside	4009.00	
Recorder	0.00	6755	Inside	4009.00	
Perforations	23.00			4032.00	
Bullnose	3.00			4035.00	27.00 Bottom Packers & Anchor

Total Tool Length: 55.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum Inc

27-28s-12w Pratt,KS

525 S Main St
Kingman KS 67068

Thom #1

Job Ticket: 49514

DST#: 1

ATTN: John F Messenger/Fra

Test Start: 2012.12.11 @ 10:34:52

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:

35000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.56 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	W,M 40% water 60% mud with oil spots	0.320

Total Length: 65.00 ft Total Volume: 0.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6755

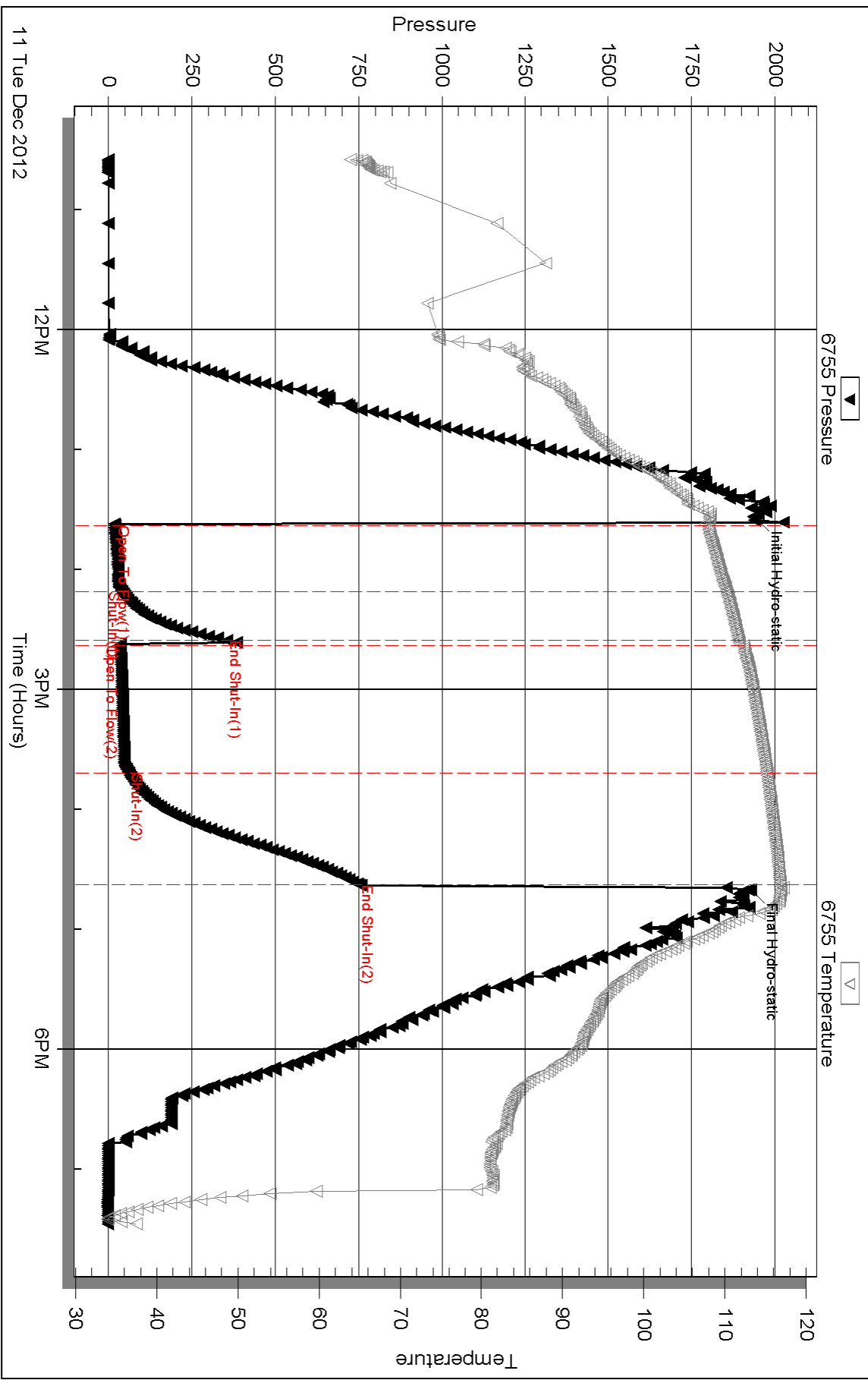
Inside

Messenger Petroleum Inc

Thom #1

DST Test Number: 1

Pressure vs. Time



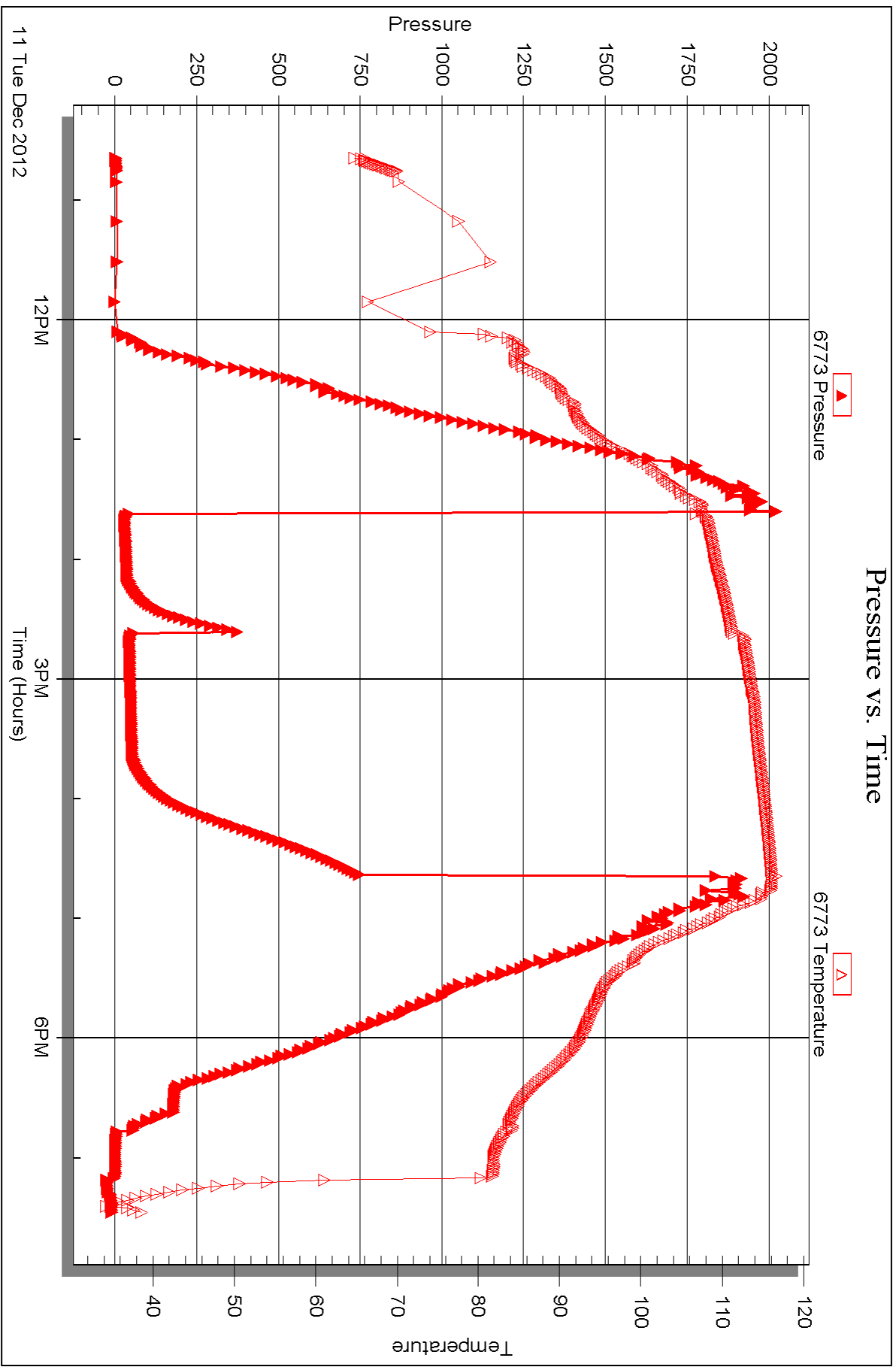
Serial #: 6773

Outside

Messenger Petroleum Inc

Thom #1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Messenger Petroleum Inc**

525 S Main St
Kingman KS 67068

ATTN: John F Messenger/Fra

Thom #1

27-28s-12w Pratt,KS

Start Date: 2012.12.13 @ 08:56:53

End Date: 2012.12.13 @ 21:05:23

Job Ticket #: 49515 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.12.18 @ 13:22:24



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Messenger Petroleum Inc

27-28s-12w Pratt, KS

525 S Main St
Kingman KS 67068

Thom #1

Job Ticket: 49515

DST#: 2

ATTN: John F Messenger/Fra

Test Start: 2012.12.13 @ 08:56:53

GENERAL INFORMATION:

Formation: **Simpson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:54:38

Time Test Ended: 21:05:23

Test Type: Conventional Bottom Hole (Reset)

Tester: Chris Staats

Unit No: 47

Interval: 4407.00 ft (KB) To 4422.00 ft (KB) (TVD)

Reference Elevations: 1873.00 ft (KB)

Total Depth: 4422.00 ft (KB) (TVD)

1864.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 6755 Inside

Press @ Run Depth: 930.23 psig @ 4408.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.12.13

End Date:

2012.12.13

Last Calib.:

2012.12.13

Start Time: 08:56:58

End Time:

21:05:23

Time On Btm:

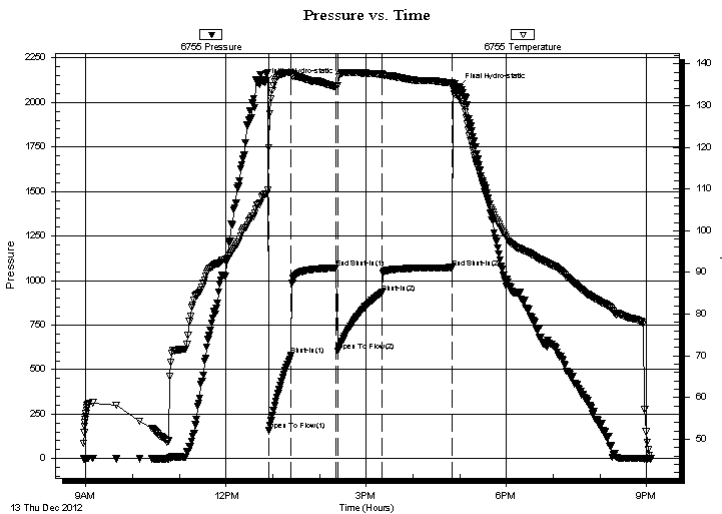
2012.12.13 @ 12:50:08

Time Off Btm:

2012.12.13 @ 16:57:53

TEST COMMENT: IF: Strong blow BOB 1 1/2 min
IS: Strong blow back BOB 20 min
FF: Strong blow BOB 1 sec
FS: Strong blow back BOB 10 min

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2114.08	108.68	Initial Hydro-static
5	156.52	119.83	Open To Flow (1)
34	579.28	137.91	Shut-In(1)
91	1070.46	134.52	End Shut-In(1)
93	602.01	134.82	Open To Flow (2)
150	930.23	137.50	Shut-In(2)
241	1072.72	135.39	End Shut-In(2)
248	2081.55	132.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
955.00	100%w ater	11.48
120.00	10%oil 20%emulsion 35%w ater35%mud	1.68
165.00	5%mud 15%w ater 30%gas 50%oil	2.31
100.00	10%gas 10%w ater 15%mud 75% oil	1.40
0.00	4380 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

Messenger Petroleum Inc

27-28s-12w Pratt,KS

525 S Main St
Kingman KS 67068

Thom #1

Job Ticket: 49515

DST#: 2

ATTN: John F Messenger/Fra

Test Start: 2012.12.13 @ 08:56:53

Tool Information

Drill Pipe:	Length: 4173.00 ft	Diameter: 3.80 inches	Volume: 58.54 bbl	Tool Weight:	2200.00 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: 210.00 ft	Diameter: 2.25 inches	Volume: 1.03 bbl	Weight to Pull Loose:	98000.00 lb
			<u>Total Volume: 59.57 bbl</u>	Tool Chased	2.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial	81000.00 lb
Depth to Top Packer:	4407.00 ft			Final	90000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	15.00 ft				
Tool Length:	43.00 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			4380.00	
Shut In Tool	5.00			4385.00	
Hydraulic tool	5.00			4390.00	
Jars	5.00			4395.00	
Safety Joint	3.00			4398.00	
Packer	5.00			4403.00	28.00 Bottom Of Top Packer
Packer	4.00			4407.00	
Stubb	1.00			4408.00	
Recorder	0.00	6773	Outside	4408.00	
Recorder	0.00	6755	Inside	4408.00	
Perforations	11.00			4419.00	
Bullnose	3.00			4422.00	15.00 Bottom Packers & Anchor

Total Tool Length: 43.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum Inc

27-28s-12w Pratt,KS

525 S Main St
Kingman KS 67068

Thom #1

Job Ticket: 49515

DST#: 2

ATTN: John F Messenger/Fra

Test Start: 2012.12.13 @ 08:56:53

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: 2000000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
955.00	100%w ater	11.483
120.00	10%oil 20%emulsion 35%w ater35%mud	1.683
165.00	5%mud 15%w ater 30%gas 50%oil	2.315
100.00	10%gas 10%w ater 15%mud 75% oil	1.403
0.00	4380 GIP	0.000

Total Length: 1340.00 ft

Total Volume: 16.884 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6755

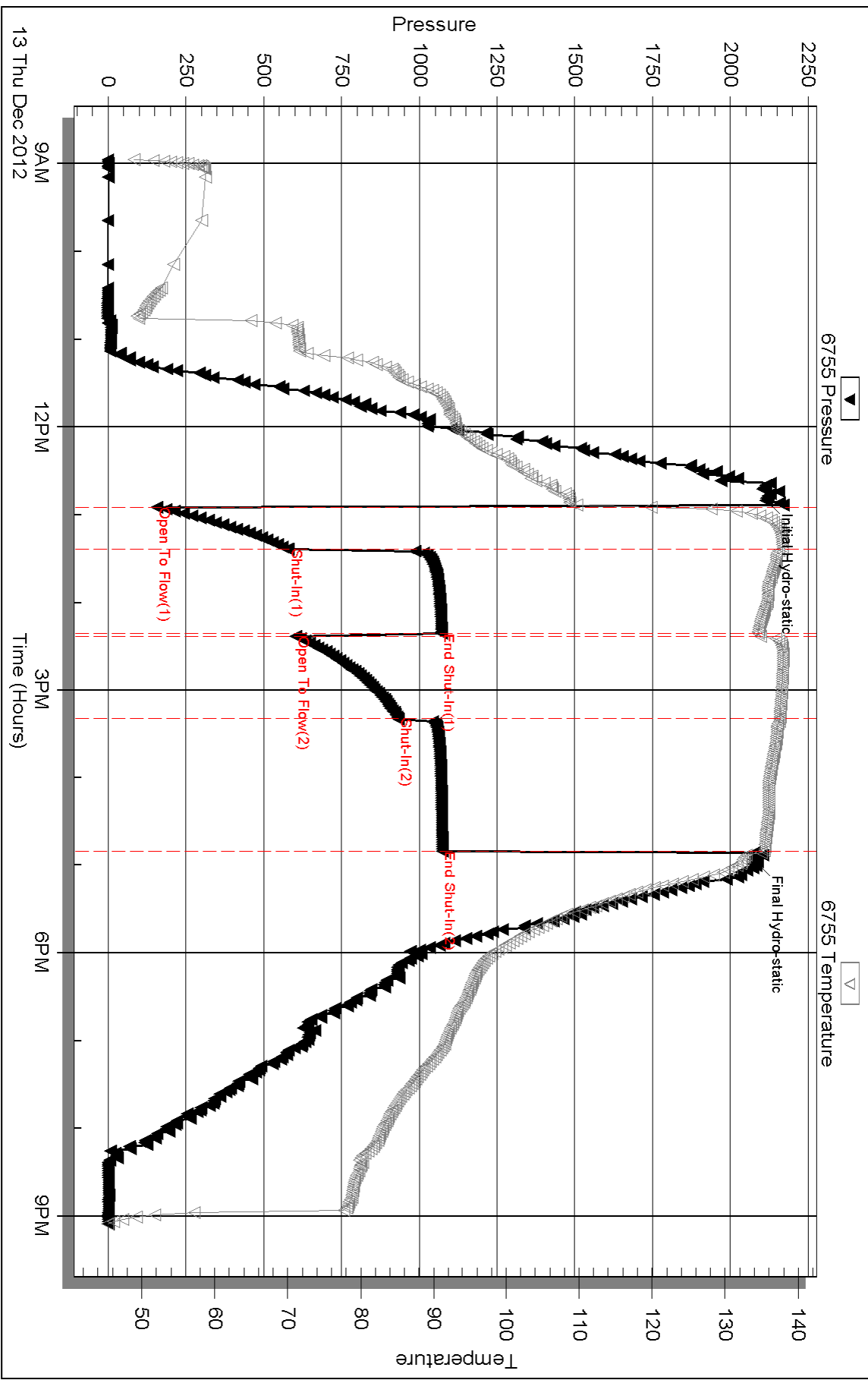
Inside

Messenger Petroleum Inc

Thom #1

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 49515

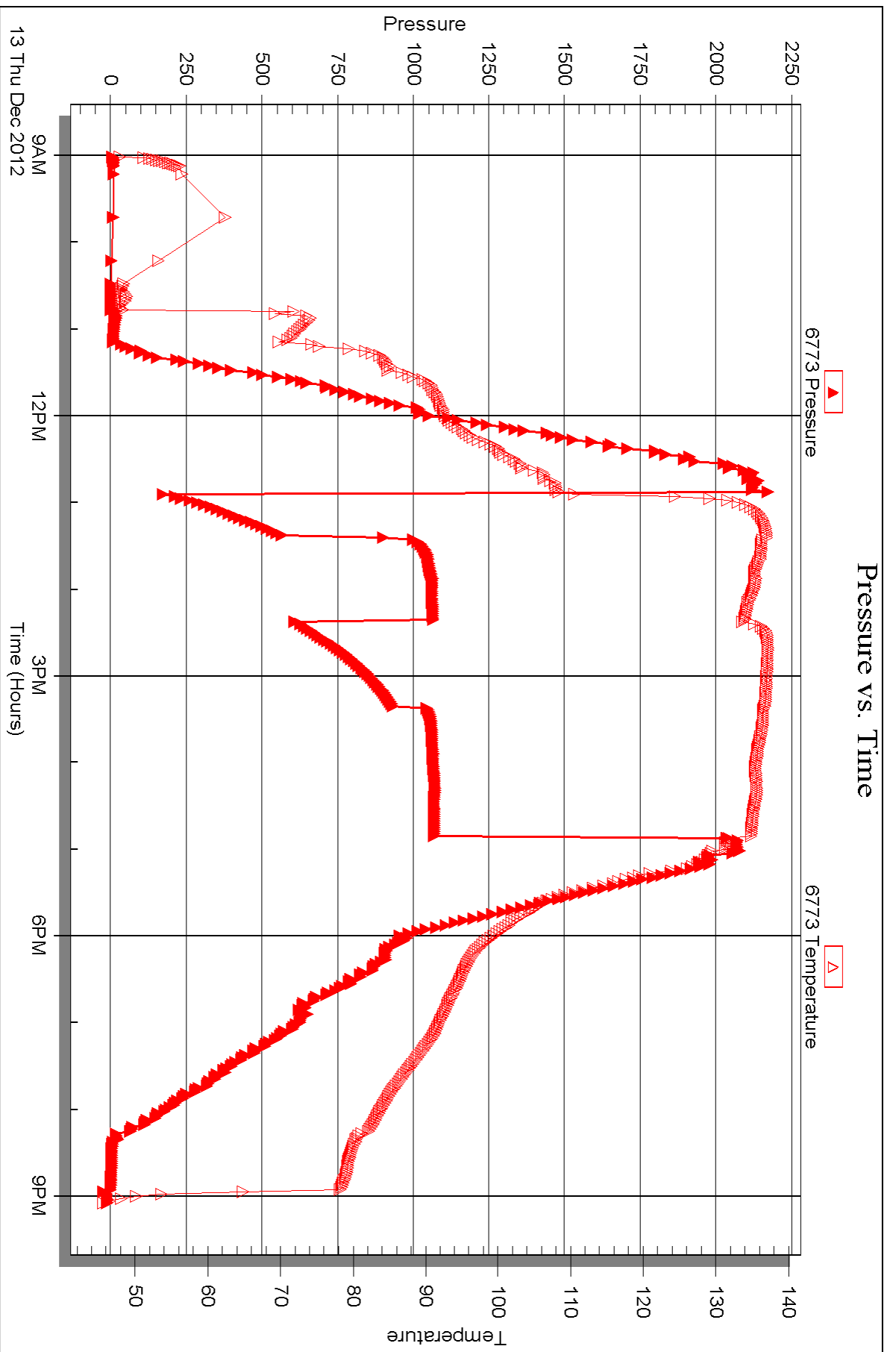
Printed: 2012.12.18 @ 13:22:28

Serial #: 6773

Outside Messenger Petroleum Inc

Thom #1

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Messenger Petroleum Inc**

525 S Main St
Kingman KS 67068

ATTN: John F Messenger/Fra

Thom #1

27-28s-12w Pratt,KS

Start Date: 2012.12.14 @ 06:33:15

End Date: 2012.12.14 @ 16:24:00

Job Ticket #: 49516 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.12.18 @ 13:11:49



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Messenger Petroleum Inc

27-28s-12w Pratt, KS

525 S Main St
Kingman KS 67068

Thom #1

Job Ticket: 49516

DST#: 3

ATTN: John F Messenger/Fra

Test Start: 2012.12.14 @ 06:33:15

GENERAL INFORMATION:

Formation: **Simpson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:49:00

Time Test Ended: 16:24:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Chris Staats

Unit No: 47

Interval: 4422.00 ft (KB) To 4434.00 ft (KB) (TVD)

Reference Elevations: 1873.00 ft (KB)

Total Depth: 4434.00 ft (KB) (TVD)

1864.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 6755

Inside

Press @ Run Depth: 1075.62 psig @ 4423.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.12.14

End Date:

2012.12.14

Last Calib.:

2012.12.14

Start Time: 06:33:20

End Time:

16:24:00

Time On Btm:

2012.12.14 @ 08:44:30

Time Off Btm:

2012.12.14 @ 12:54:30

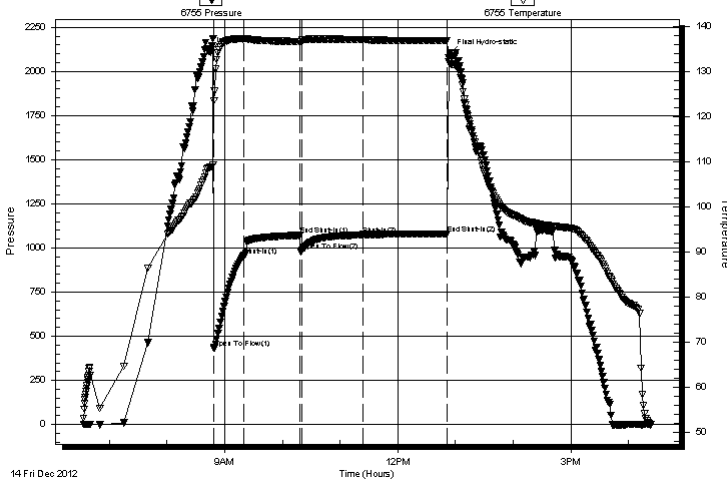
TEST COMMENT: IF: Strong blow BOB 30 sec

IS: Weak blow back 3"

FF: Strong blow BOB 2 min

FS: Weak blow back 2"

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2110.74	108.75	Initial Hydro-static
5	434.29	123.54	Open To Flow (1)
36	955.85	137.26	Shut-In(1)
94	1071.78	136.62	End Shut-In(1)
96	985.27	136.93	Open To Flow (2)
160	1075.62	137.00	Shut-In(2)
247	1080.47	136.81	End Shut-In(2)
250	2100.02	131.69	Final Hydro-static

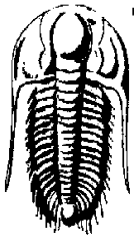
Recovery

Length (ft)	Description	Volume (bbl)
1775.00	Water 100%	22.99
120.00	M,W 10% mud 90% water	1.68
240.00	M,W 40% mud 60% water	3.37
40.00	W,M With oil spots 40% water 60% mud	0.56

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Messenger Petroleum Inc

27-28s-12w Pratt, KS

525 S Main St
Kingman KS 67068

Thom #1

Job Ticket: 49516

DST#: 3

ATTN: John F Messenger/Fra

Test Start: 2012.12.14 @ 06:33:15

GENERAL INFORMATION:

Formation: **Simpson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:49:00

Time Test Ended: 16:24:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Chris Staats

Unit No: 47

Interval: **4422.00 ft (KB) To 4434.00 ft (KB) (TVD)**

Total Depth: 4434.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1873.00 ft (KB)

1864.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: **6773** Outside

Press @ Run Depth: psig @ 4423.00 ft (KB)

Start Date: 2012.12.14

End Date:

2012.12.14

Start Time: 06:37:50

End Time:

16:24:00

Capacity: 8000.00 psig

Last Calib.:

2012.12.14

Time On Btm:

Time Off Btm:

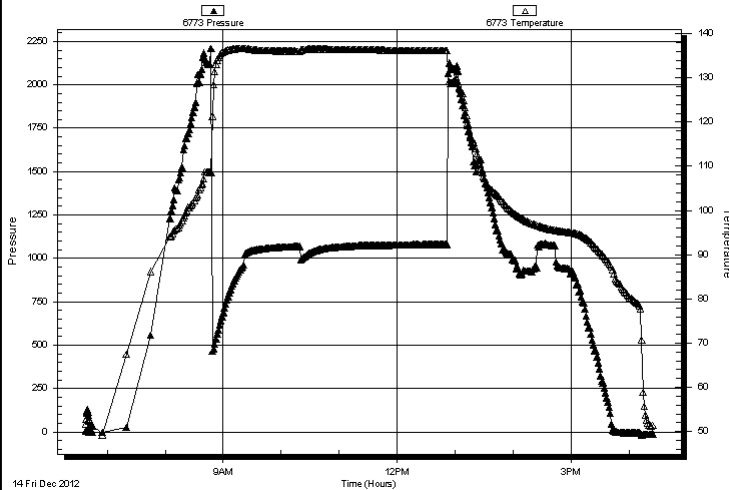
TEST COMMENT: IF: Strong blow BOB 30 sec

IS: Weak blow back 3"

FF: Strong blow BOB 2 min

FS: Weak blow back 2"

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
1775.00	Water 100%	22.99
120.00	M,W 10% mud 90% water	1.68
240.00	M,W 40% mud 60% water	3.37
40.00	W,M With oil spots 40% water 60% mud	0.56

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Messenger Petroleum Inc

27-28s-12w Pratt,KS

525 S Main St
Kingman KS 67068

Thom #1

Job Ticket: 49516

DST#: 3

ATTN: John F Messenger/Fra

Test Start: 2012.12.14 @ 06:33:15

Tool Information

Drill Pipe:	Length: 4205.00 ft	Diameter: 3.80 inches	Volume: 58.99 bbl	Tool Weight: 2200.00 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: 210.00 ft	Diameter: 2.25 inches	Volume: 1.03 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 60.02 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 82000.00 lb
Depth to Top Packer:	4422.00 ft			Final 94000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	40.00 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			4395.00	
Shut In Tool	5.00			4400.00	
Hydraulic tool	5.00			4405.00	
Jars	5.00			4410.00	
Safety Joint	3.00			4413.00	
Packer	5.00			4418.00	28.00 Bottom Of Top Packer
Packer	4.00			4422.00	
Stubb	1.00			4423.00	
Recorder	0.00	6773	Outside	4423.00	
Recorder	0.00	6755	Inside	4423.00	
Perforations	8.00			4431.00	
Bullnose	3.00			4434.00	12.00 Bottom Packers & Anchor

Total Tool Length: 40.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum Inc

27-28s-12w Pratt,KS

525 S Main St
Kingman KS 67068

Thom #1

Job Ticket: 49516

DST#: 3

ATTN: John F Messenger/Fra

Test Start: 2012.12.14 @ 06:33:15

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:

9 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
1775.00	Water 100%	22.986
120.00	M,W 10% mud 90% w ater	1.683
240.00	M,W 40% mud 60% w ater	3.367
40.00	W,M With oil spots 40% w ater 60% mud	0.561

Total Length: 2175.00 ft

Total Volume: 28.597 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6755

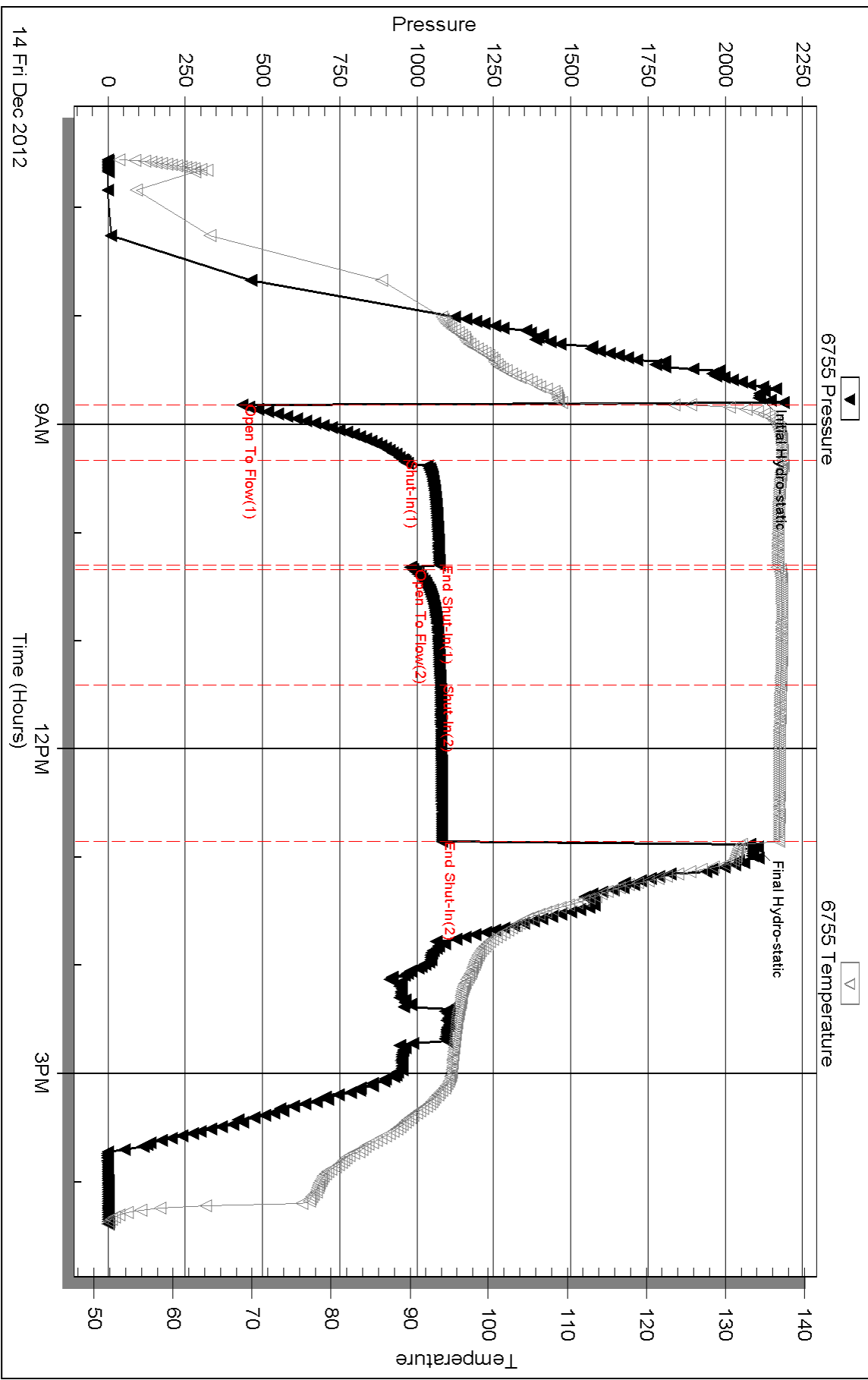
Inside

Messenger Petroleum Inc

Thom #1

DST Test Number: 3

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 49516

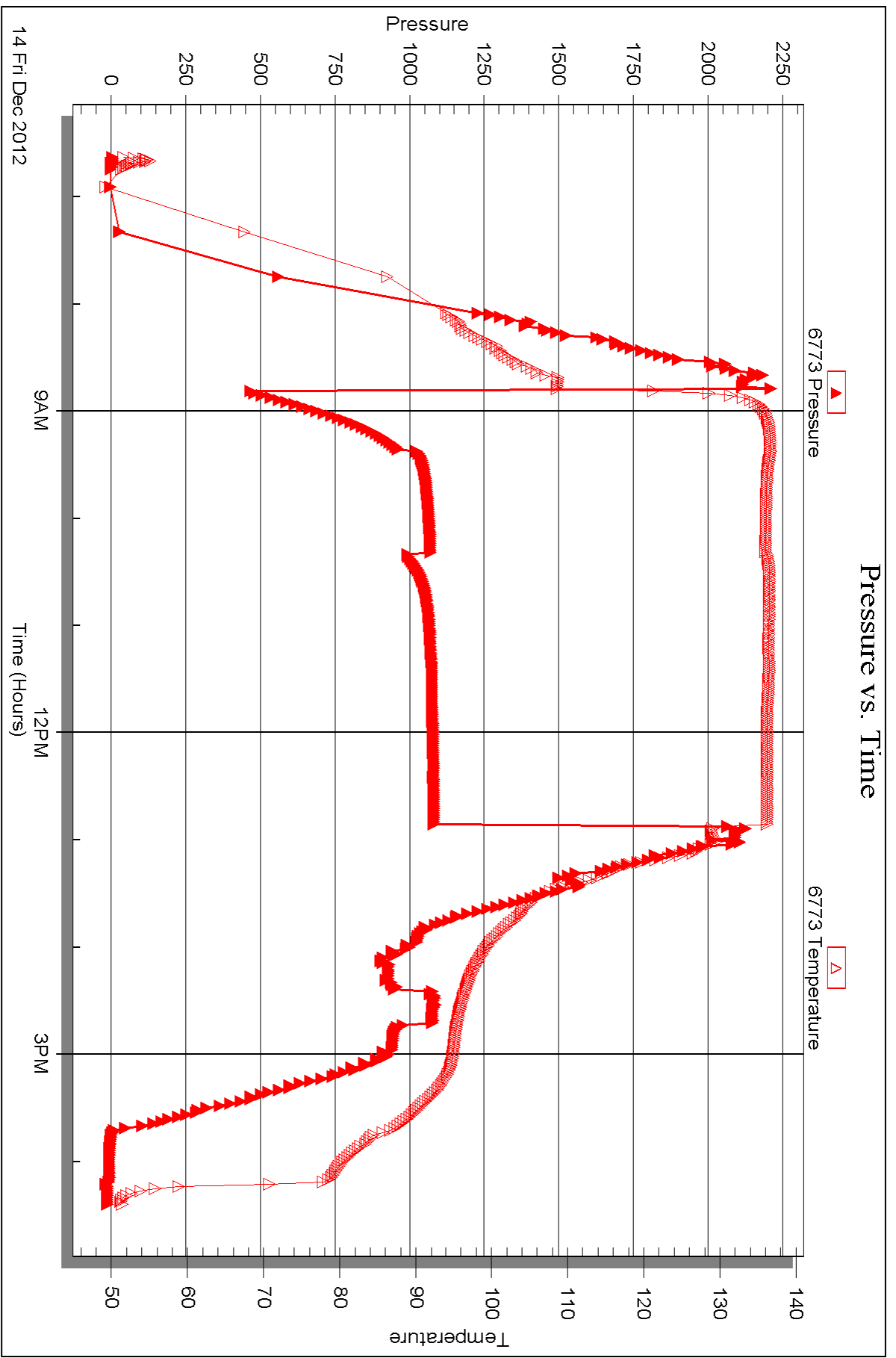
Printed: 2012.12.18 @ 13:11:54

Serial #: 6773

Outside Messenger Petroleum Inc

Thom #1

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Messenger Petroleum Inc**

525 S Main St
Kingman KS 67068

ATTN: John F Messenger/Fra

Thom #1

27-28s-12w Pratt,KS

Start Date: 2012.12.15 @ 18:06:19

End Date: 2012.12.16 @ 04:39:49

Job Ticket #: 49517 DST #: 4

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.12.18 @ 11:42:30



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Messenger Petroleum Inc

27-28s-12w Pratt, KS

525 S Main St
Kingman KS 67068

Thom #1

Job Ticket: 49517

DST#: 4

ATTN: John F Messenger/Fra

Test Start: 2012.12.15 @ 18:06:19

GENERAL INFORMATION:

Formation: **Simpson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:28:49

Time Test Ended: 04:39:49

Test Type: Conventional Straddle (Reset)

Tester: Chris Staats

Unit No: 47

Interval: 4435.00 ft (KB) To 4445.00 ft (KB) (TVD)

Reference Elevations: 1873.00 ft (KB)

Total Depth: 4594.00 ft (KB) (TVD)

1864.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 6755

Inside

Press @ Run Depth: 277.54 psig @ 4436.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.12.15

End Date:

2012.12.16

Last Calib.:

2012.12.16

Start Time: 18:06:24

End Time:

04:39:49

Time On Btm:

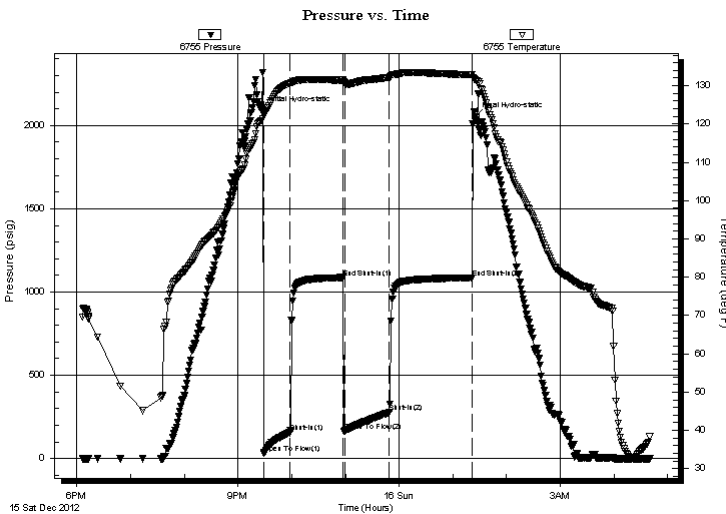
2012.12.15 @ 21:26:19

Time Off Btm:

2012.12.16 @ 01:24:34

TEST COMMENT: IF: Strong blow BOB 19 min
IS: Weak surface blow back
FF: Strong blow BOB 19 min
FS: Weak blow back 1"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2090.98	120.80	Initial Hydro-static
3	30.46	122.93	Open To Flow (1)
32	158.62	130.56	Shut-In(1)
91	1086.78	131.43	End Shut-In(1)
93	165.14	130.74	Open To Flow (2)
143	277.54	132.18	Shut-In(2)
235	1084.78	132.81	End Shut-In(2)
239	2051.78	131.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
410.00	M,W 1% mud 99% w ater	3.84
120.00	M,W oil skim on top 5% mud 95% w ater	1.68
15.00	O,M,W 2% oil 20% mud 78% w ater	0.21
10.00	O,M,W 20% oil 40% mud 40% w ater	0.14
0.00	680 GIP	0.00

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Messenger Petroleum Inc
 525 S Main St
 Kingman KS 67068
 ATTN: John F Messenger/Fra

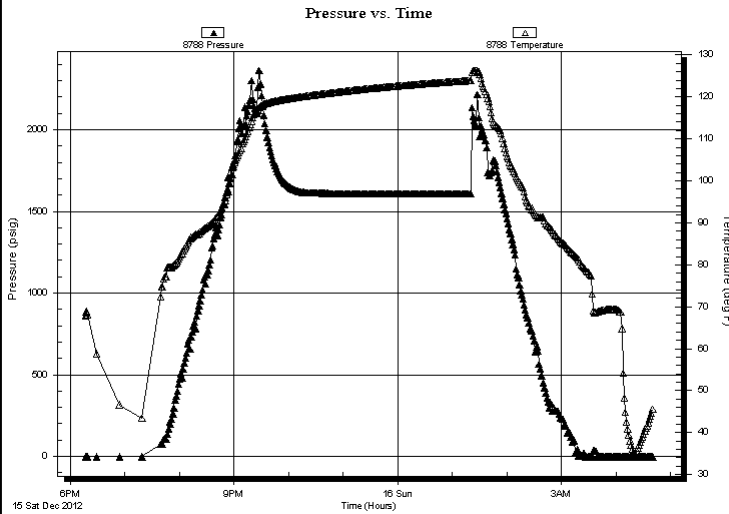
27-28s-12w Pratt, KS
Thom #1
 Job Ticket: 49517 **DST#: 4**
 Test Start: 2012.12.15 @ 18:06:19

GENERAL INFORMATION:

Formation: **Simpson**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:28:49
 Time Test Ended: 04:39:49
Interval: 4435.00 ft (KB) To 4445.00 ft (KB) (TVD)
 Total Depth: 4594.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Straddle (Reset)
 Tester: Chris Staats
 Unit No: 47
 Reference Elevations: 1873.00 ft (KB)
 1864.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8788 Below (Straddle)
 Press @ Run Depth: psig @ 4463.50 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.12.15 End Date: 2012.12.16 Last Calib.: 2012.12.16
 Start Time: 18:17:01 End Time: 04:41:26 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Strong blow BOB 19 min
 IS: Weak surface blow back
 FF: Strong blow BOB 19 min
 FS: Weak blow back 1"



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
410.00	M,W 1% mud 99% w ater	3.84
120.00	M,W oil skim on top 5% mud 95% w ater	1.68
15.00	O,M,W 2% oil 20% mud 78% w ater	0.21
10.00	O,M,W 20% oil 40% mud 40% w ater	0.14
0.00	680 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

Messenger Petroleum Inc

27-28s-12w Pratt,KS

525 S Main St
Kingman KS 67068

Thom #1

Job Ticket: 49517

DST#: 4

ATTN: John F Messenger/Fra

Test Start: 2012.12.15 @ 18:06:19

Tool Information

Drill Pipe:	Length: 4204.00 ft	Diameter: 3.80 inches	Volume: 58.97 bbl	Tool Weight: 2200.00 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: 210.00 ft	Diameter: 2.25 inches	Volume: 1.03 bbl	Weight to Pull Loose: 94000.00 lb
			<u>Total Volume: 60.00 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 86000.00 lb
Depth to Top Packer:	4435.00 ft			Final 88000.00 lb
Depth to Bottom Packer:	4594.00 ft			
Interval between Packers:	159.00 ft			
Tool Length:	187.00 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			4408.00	
Shut In Tool	5.00			4413.00	
Hydraulic tool	5.00			4418.00	
Jars	5.00			4423.00	
Safety Joint	3.00			4426.00	
Packer	5.00			4431.00	28.00 Bottom Of Top Packer
Packer	4.00			4435.00	
Stubb	1.00			4436.00	
Recorder	0.00	6773	Outside	4436.00	
Recorder	0.00	6755	Inside	4436.00	
Perforations	5.00			4441.00	
Blank Off Sub	1.00			4442.00	
Packer - Shale	5.00			4447.00	
Perforations	16.00			4463.00	
Change Over Sub	0.50			4463.50	
Recorder	0.00	8788	Below	4463.50	
Drill Pipe	127.00			4590.50	
Change Over Sub	0.50			4591.00	
Bullnose	3.00			4594.00	159.00 Bottom Packers & Anchor

Total Tool Length: 187.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum Inc

27-28s-12w Pratt,KS

525 S Main St
Kingman KS 67068

Thom #1

Job Ticket: 49517

DST#: 4

ATTN: John F Messenger/Fra

Test Start: 2012.12.15 @ 18:06:19

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 44.00 sec/qt

Water Loss: 10.38 in³

Resistivity: 0.00 ohm.m

Salinity: 5000.00 ppm

Filter Cake: 0.02 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: 100 ppm

deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
410.00	M,W 1% mud 99% w ater	3.838
120.00	M,W oil skim on top 5% mud 95% w ater	1.683
15.00	O,M,W 2% oil 20% mud 78% w ater	0.210
10.00	O,M,W 20% oil 40% mud 40% w ater	0.140
0.00	680 GIP	0.000

Total Length: 555.00 ft Total Volume: 5.871 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6755

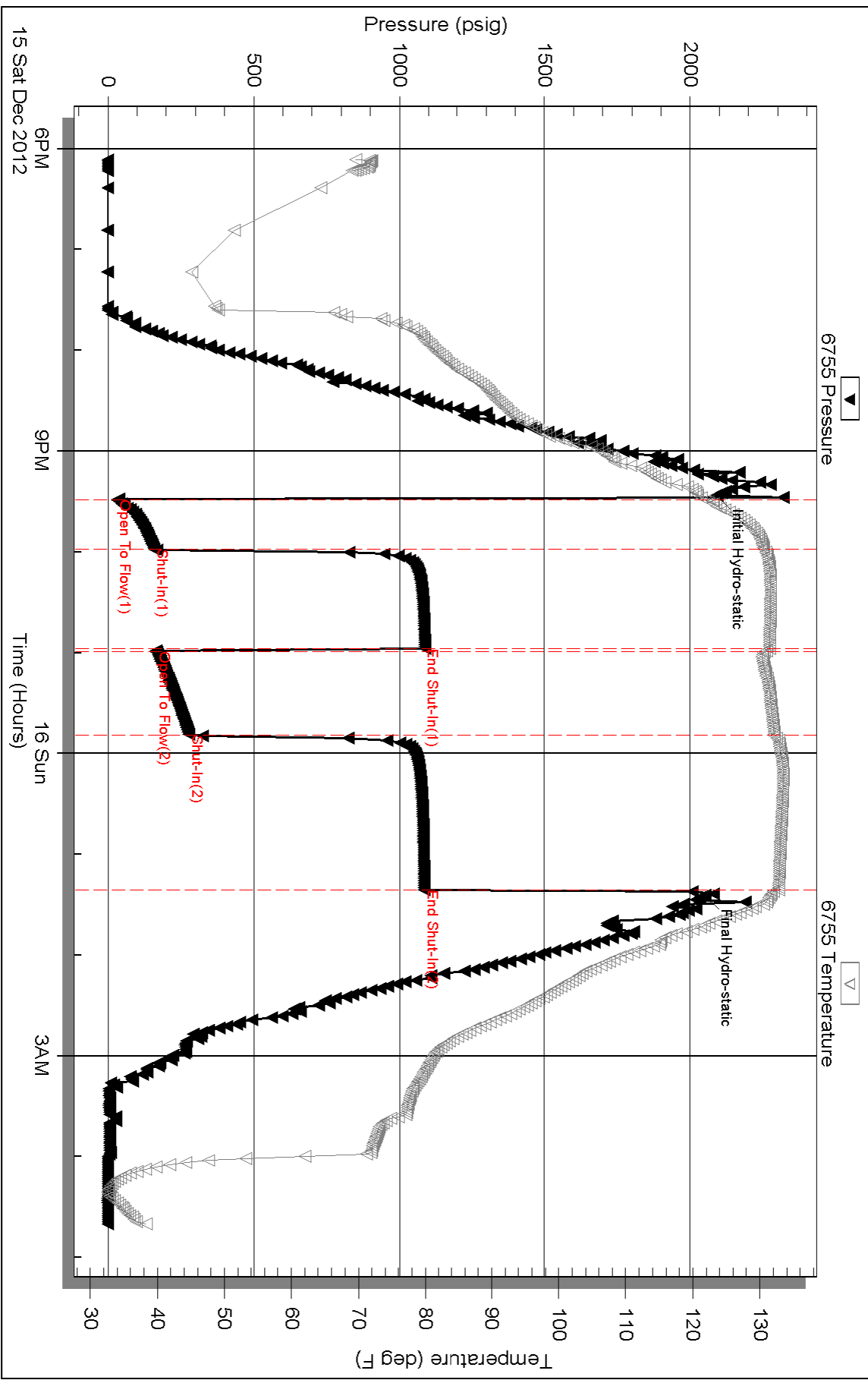
Inside

Messenger Petroleum Inc

Thom #1

DST Test Number: 4

Pressure vs. Time

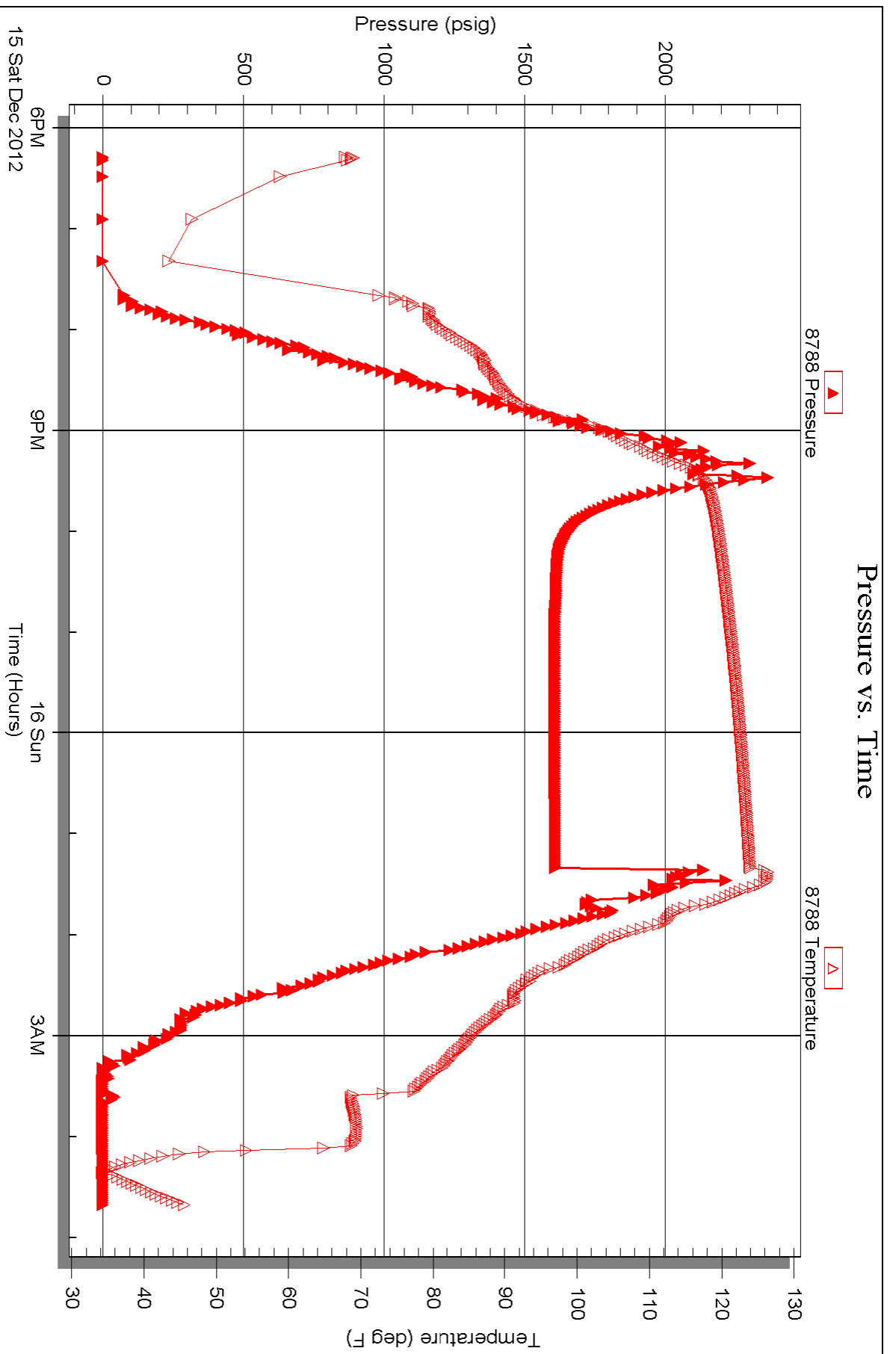


Serial #: 8788

Below (Str ~~At~~berger Petroleum Inc

Thom #1

DST Test Number: 4



Serial #: 6773

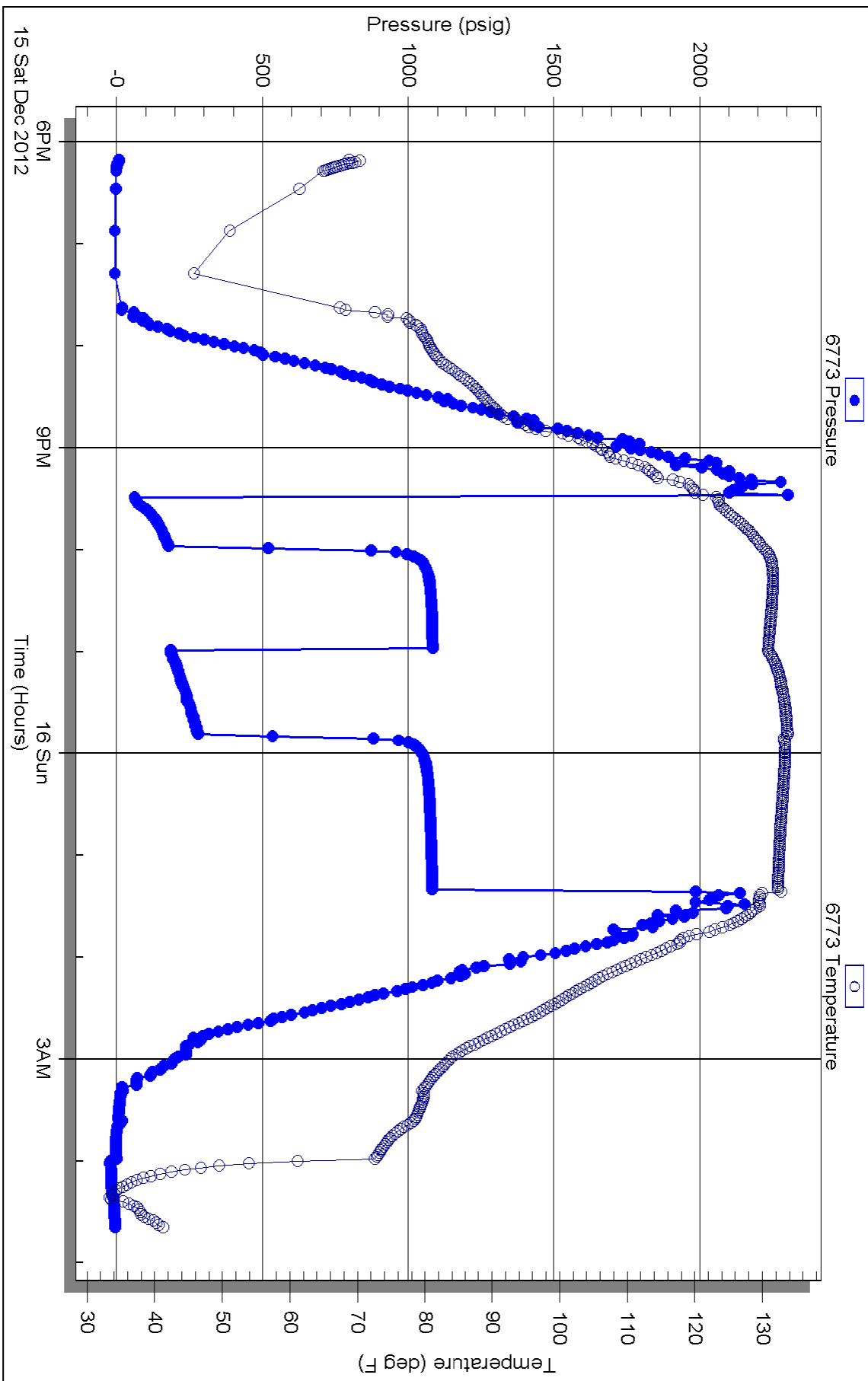
Outside

Messenger Petroleum Inc

Thom #1

DST Test Number: 4

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49514

4/10

Well Name & No. Thom #1 Test No. 1 Date 12-11-12
 Company Messenger Petroleum INC Elevation 1873 KB 1864 GL
 Address 525 S Main ST Kingman KS 67068
 Co. Rep / Geo. John F Messenger / Frank Nize Rig Sterling #4
 Location: Sec. 27 Twp. 28 Rge. 12 Co. Pratt State KS

Interval Tested 4008 - 4035 Zone Tested Lansing
 Anchor Length 27' Drill Pipe Run 3791 Mud Wt. 9.4
 Top Packer Depth 4003 Drill Collars Run 210 Vis 58
 Bottom Packer Depth 4008 Wt. Pipe Run 0 WL 9.6
 Total Depth 4035 Chlorides 5000 ppm System LCM 0
 Blow Description IF: weak blow 4"
ISI: NO blow back
FF: weak blow 4"
FSI: NO blow back

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>65'</u>	Feet of <u>W, M with oil spots</u>	%gas	%oil <u>40</u>	%water <u>60</u>	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 65' BHT 118 Gravity - API RW .43 @ 36 °F Chlorides 35,000 ppm

(A) Initial Hydrostatic <u>1940</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>10:20</u>
(B) First Initial Flow <u>20</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>10:34</u>
(C) First Final Flow <u>40</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>13:37</u>
(D) Initial Shut-In <u>355</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>16:40</u>
(E) Second Initial Flow <u>34</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>19:25</u>
(F) Second Final Flow <u>60</u>	<input checked="" type="checkbox"/> Mileage <u>40 miles</u> <u>62</u>	Comments
(G) Final Shut-In <u>751</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1926</u>	<input type="checkbox"/> Straddle	
	<input type="checkbox"/> Shale Packer	
	<input type="checkbox"/> Extra Packer	
	<input type="checkbox"/> Extra Recorder	
	<input type="checkbox"/> Day Standby	
	<input type="checkbox"/> Accessibility	
Initial Open <u>30</u>	Sub Total <u>1637</u>	MP/DST Disc't
Initial Shut-In <u>30</u>		
Final Flow <u>60</u>		
Final Shut-In <u>60</u>		

Approved By Frank Nize

Our Representative Ch. Sta

TriLOBite Testing Inc. shall not be liable for damaged or 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.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49515

Well Name & No. Thom #1 Test No. 2 Date 12-13-12
 Company Messenger Petroleum INC Elevation 1873 KB 1864 GL
 Address 5255 Main ST Kingman KS 67068
 Co. Rep / Geo. John F Messenger / Frank Mize Rig Sterling #4
 Location: Sec. 27 Twp. 28 Rge. 12 Co. Pratt State KS

Interval Tested 4407 - 4422 Zone Tested Simpson
 Anchor Length 15' Drill Pipe Run 4173 Mud Wt. 9.4
 Top Packer Depth 4402 Drill Collars Run 210 Vis 53
 Bottom Packer Depth 4407 Wt. Pipe Run 0 WL 9.6
 Total Depth 4422 Chlorides 5000 ppm System LCM 0

Blow Description IF: STRong blow BOB 1 1/2 min
ISI: STRong blow back BOB 20 min
FF: STRong blow BOB 1 sec
FSI: STRong blow Back BOB 10 min

Rec	Feet of	%gas	%oil	%water	%mud
100	<u>4380 GIP</u>	10	75	10	15
<u>100</u>		<u>10</u>	<u>75</u>	<u>10</u>	<u>15</u>
<u>165</u>		<u>30</u>	<u>50</u>	<u>15</u>	<u>5</u>
<u>120</u>		<u>20% E</u>	<u>10</u>	<u>35</u>	<u>35</u>
<u>955</u>	<u>water</u>				

Rec Total 1340 BHT 128 Gravity API RW .07 @ 48° F Chlorides 200.000 ppm

(A) Initial Hydrostatic 2114 Test 1250 T-On Location 8:30
 (B) First Initial Flow 156 Jars 250 T-Started 8:56
 (C) First Final Flow 579 Safety Joint 75 T-Open 12:54
 (D) Initial Shut-In 1070 Circ Sub T-Pulled 16:50
 (E) Second Initial Flow 602 Hourly Standby 2.5h 250 T-Out 21:05
 (F) Second Final Flow 930 Mileage 40 miles 62 Comments _____
 (G) Final Shut-In 1072 Sampler _____
 (H) Final Hydrostatic 2081 Straddle _____
 Shale Packer _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby 1d 13h
 Accessibility _____

Initial Open 30
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 90

Sub Total 433.33
 Total 2320.33
 MP/DST Disc't _____

Approved By _____ Our Representative Ch. Ste
 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.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49516

Well Name & No. Thom #1 Test No. 3 Date 12-14-12
 Company Messenger Petroleum INC Elevation 1873 KB 1864 GL
 Address 5255 Main ST Kingman KS 67068
 Co. Rep / Geo. John F Messenger / Frank Mize Rig Sterling #4
 Location: Sec. 27 Twp. 28 Rge. 12 Co. Pratt State KS

Interval Tested 44.22 - 44.34 Zone Tested Simpson
 Anchor Length 12' Drill Pipe Run 4205 Mud Wt. 9.3
 Top Packer Depth 4417 Drill Collars Run 210 Vis 53
 Bottom Packer Depth 4422 Wt. Pipe Run 0 WL 10.4
 Total Depth 4434 Chlorides 4,000 ppm System LCM 0

Blow Description IF: Strong blow BOB 30 sec
FSI: weak blow back 3"
FF: Strong blow BOB 2 min
FSL: weak blow back 2"

Rec	Feet of	%gas	%oil	%water	%mud
<u>40</u>	<u>W, M with oil spots</u>		<u>40</u>	<u>60</u>	
<u>240</u>	<u>M, W</u>		<u>60</u>	<u>40</u>	
<u>120</u>	<u>M, W</u>		<u>90</u>	<u>10</u>	
<u>1775</u>	<u>Water</u>		<u>100</u>		

Rec Total 2175' BHT 140 Gravity - API RW .8 @ 55 °F Chlorides 9,500 ppm

(A) Initial Hydrostatic <u>2110</u>	<input checked="" type="checkbox"/> Test 1250	T-On Location <u>6:20</u>
(B) First Initial Flow <u>434</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>6:33</u>
(C) First Final Flow <u>955</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>8:49</u>
(D) Initial Shut-In <u>1071</u>	<input checked="" type="checkbox"/> Circ Sub 50	T-Pulled <u>12:50</u>
(E) Second Initial Flow <u>985</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>16:20</u>
(F) Second Final Flow <u>1075</u>	<input checked="" type="checkbox"/> Mileage <u>40 miles</u> 62	Comments <u>Dropped bar and Reversed out</u>
(G) Final Shut-In <u>1080</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2100</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

Initial Open 30
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 90

Sub Total 1687

Approved By [Signature] Our Representative [Signature]

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.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49517

Well Name & No. Thom #1 Test No. 4 Date 12-15-12
 Company Messenger Petroleum INC Elevation 1873 KB 1864 GL
 Address 5255 main ST Kingman KS 67068
 Co. Rep / Geo: John F Messenger / Frank Mize Rig Sterling #4
 Location: Sec. 27 Twp. 28 Rge. 12 Co. Pratt State KS

Interval Tested 4435 - 4445 Zone Tested Simpson
 Anchor Length 10' Drill Pipe Run 4204 Mud Wt. 0 9.3
 Top Packer Depth 4435 Drill Collars Run 210 Vis 0 44
 Bottom Packer Depth 4430 Wt. Pipe Run 0 WL 0 10.4
 Total Depth 4594 Chlorides 5000 ppm System LCM 0 2#
 Blow Description IF: STRong blow BOB 19 min
ISF: Weak surface blow back
FFI: STRong blow BOB 19 min
FSI: Weak blow back 1"

Rec	Feet of	%gas	%oil	%water	%mud
1	680' GIP				
10'	0, M, W	20	40	40	
15'	0, M, W	2	78	20	
120'	M, W 0.1 SKIM ON TOP		95	5	
410'	M, W		99	1	

Rec Total 555' BHT 128 Gravity - API RW .15 @ 35 ° F Chlorides 100,000 ppm

(A) Initial Hydrostatic <u>2090</u>	<input checked="" type="checkbox"/> Test 1250	T-On Location <u>17:45</u>
(B) First Initial Flow <u>30</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>18:06</u>
(C) First Final Flow <u>158</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>21:28</u>
(D) Initial Shut-In <u>1086</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>1:20</u>
(E) Second Initial Flow <u>165</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>4:15</u>
(F) Second Final Flow <u>277</u>	<input checked="" type="checkbox"/> Mileage <u>40 miles</u> 62	Comments _____
(G) Final Shut-In <u>1084</u>	<input type="checkbox"/> Sampler	_____
(H) Final Hydrostatic <u>2051</u>	<input checked="" type="checkbox"/> Straddle 600	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies _____
Final Flow <u>60</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Day Standby	Total <u>2237</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>2237</u>	

Approved By [Signature] Our Representative [Signature]
 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.

QUALITY WELL SERVICE, INC.

5760

Federal Tax I.D. # 481187368

Home Office 324 Simpson St., Pratt, KS 67124

Heath's Cell 620-727-3410
Office / Fax 620-672-3663

Rich's Cell 620-727-3409
Brady's Cell 620-727-6964

Date	12-6-12	Sec.	27	Twp.	28	Range	12	County	Pratt	State	KS	On Location		Finish	3:15-3:45pm
Lease	Thom	Well No.	1	Location Pratt, KS SE 4S 1/4 E S10											
Contractor Sterling								Owner							
Type Job Surface								To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Hole Size 12 1/4				T.D. 280				Charge To messenger Petroleum							
Csg. 8 5/8				Depth 2165.47				Street							
Tbg. Size				Depth				City				State			
Tool				Depth				City				State			
Cement Left in Csg. 20ft				Shoe Joint				The above was done to satisfaction and supervision of owner agent or contractor.							
Meas Line				Displace 16.5				Cement Amount Ordered 300 65/35 3% CC 2% gel							
EQUIPMENT								1/4 C.F.							
Pumptrk	No.	8	Cody				Common 195								
Bulktrk	No.	7	Mike				Poz. Mix 105								
Bulktrk	No.						Gel. 5								
Pickup	No.						Calcium 11								
JOB SERVICES & REMARKS								Hulls							
Rat Hole								Salt							
Mouse Hole								Flowseal 75							
Centralizers								Kol-Seal							
Baskets								Mud CLR 48							
D/V or Port Collar								CFL-117 or CD110 CAF 38							
Ran 7115 of 8 5/8 casing and landing st								Sand							
Est circulation with mud pump								Handling 316							
								Mileage 10							
								FLOAT EQUIPMENT							
Hooked up and pumped 300 sv - shut down - released plug and disp/65 bbl at 1120 - shut in @ 300 psi								Guide Shoe							
								Centralizer							
								Baskets							
								AFU Inserts							
								Float Shoe							
Cement did circulate								Latch Down							
								8 5/8 wooden Plug							
								Pumptrk Charge Surface							
								Mileage 10							
								Tax							
								Discount							
								Total Charge							
Signature <i>Jimmy S. Salvo</i>															



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 07174 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>12-16-2012</u> DISTRICT _____				NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.: _____					
CUSTOMER <u>MESSENGER PETROLEUM</u>				LEASE <u>THOM</u>		WELL NO. <u>1</u>			
ADDRESS _____				COUNTY <u>PRATT</u>		STATE <u>Ke.</u>			
CITY _____ STATE _____				SERVICE CREW <u>LESLEY, MARQUEZ, PIERSON</u>					
AUTHORIZED BY _____				JOB TYPE: <u>CNW-P.T.A.</u>					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
<u>37586</u>	<u>5.5</u>						<u>12-16-12</u>		<u>10:00</u>
<u>19959-19843</u>	<u>5.5</u>					ARRIVED AT JOB		AM	<u>12:00</u>
<u>19831-73768</u>	<u>5.5</u>					START OPERATION		AM	<u>12:15</u>
						FINISH OPERATION		AM	<u>4:45</u>
						RELEASED		AM	<u>5:30</u>
						MILES FROM STATION TO WELL		PM	

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: [Signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
<u>CP 103</u>	<u>60/40 PZ</u>	<u>SK</u>	<u>220</u>		<u>2,640.00</u>
<u>CC 200</u>	<u>CEMENT GEL</u>	<u>lb</u>	<u>380</u>		<u>95.00</u>
<u>E 100</u>	<u>PICKUP MILEAGE</u>	<u>MI</u>	<u>10</u>		<u>42.50</u>
<u>E 101</u>	<u>HEAVY EQUIPMENT MILEAGE</u>	<u>MI</u>	<u>20</u>		<u>140.00</u>
<u>E 113</u>	<u>BULK DELIVERY CHARGE</u>	<u>TM</u>	<u>95</u>		<u>153.00</u>
<u>CE 205</u>	<u>DEPTH CHARGE; 400'-500'</u>	<u>HR</u>	<u>1-4</u>		<u>2,520.00</u>
<u>CE 240</u>	<u>BLENDING SERVICE CHARGE</u>	<u>SK</u>	<u>220</u>		<u>308.00</u>
<u>S 003</u>	<u>SERVICE SUPERVISOR</u>	<u>EA</u>	<u>1</u>		<u>175.00</u>

CHEMICAL / ACID DATA:			

SUB TOTAL	<u>4,554.38</u>
SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$
TOTAL	

SERVICE REPRESENTATIVE [Signature]
FIELD SERVICE ORDER NO. _____

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



BASIC SM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 07174 A

DATE _____ TICKET NO. _____

DATE OF JOB 7-16-95 DISTRICT		NEW WELL <input type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER		LEASE				WELL NO.			
ADDRESS				COUNTY		STATE			
CITY				STATE					
AUTHORIZED BY				SERVICE CREW					
				JOB TYPE:					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM PM	TIME
7236									
10101245	8								
10101245	8								

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
10101245	CEMENT	TON	1	100	100
10101245	TRUCK	HRS	1	200	200
10101245	WIRELINE	HRS	20	70	1400
10101245	WIRELINE	HRS	15	70	1050
10101245	ATTACHMENT	HRS	4	50	200
10101245	WIRELINE	HRS	20	70	1400
10101245	TRUCK	HRS	1	200	200

CHEMICAL / ACID DATA:			

		SUB TOTAL	4,554.38
SERVICE & EQUIPMENT	%TAX ON \$		
MATERIALS	%TAX ON \$		
	TOTAL		

SERVICE REPRESENTATIVE	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:
------------------------	---

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Customer MESSENGER PET.	Lease No.	Date 12-16-2012
Lease THOM	Well # 1	
Field Order # 01174	Station PRATT, Ks.	Casing 2 1/2 D.P.
Type Job CNW - P.T.A.	Depth	County PRATT State Ks.
	Formation	Legal Description 27-28-12

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 2 1/2 D.P.	Tubing Size	Shots/Ft	CMT-	Acid- 20 SKS. W/40 PPG	RATE	PRESS	ISIP	
Depth 4526' - SURFACE	Depth	From	To	Pre Pad @ 1.43 CVT	Max		5 Min.	
Volume	Volume	From	To	Pad	Min		10 Min.	
Max Press 500	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection SWEENE	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative **JOHN MESSENGER** Station Manager **D. SCOTT** Treater **K. LESLEY**

Service Units	37586	19959	19843	19831	73768				
Driver Names	LESLEY	MARQUEZ	---	PERSON	---				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:30 AM					ON LOCATION - SAFETY MEETING
12:57 PM					1 ST PLUG @ 4526' w/ 50 SKS.
1:10 PM	250		15	5	H ₂ O AHEAD
1:13 PM	200		12.5	5	MIX 50 SKS. @ 13.78 PPG
1:14 PM	200		3.8	5	H ₂ O BEHIND CMT.
1:25 PM	0		57	5	MUD DISPLACEMENT
					2 ND PLUG @ 700' w/ 50 SKS.
3:40 PM	125		5	4	H ₂ O AHEAD
3:44 PM	100		12.5	4	MIX 50 SKS. @ 13.78 PPG
3:45 PM	0		5	4	H ₂ O BEHIND CMT.
					3 RD PLUG @ 300' w/ 50 SKS.
4:00 PM	50		5	3	H ₂ O AHEAD
4:06 PM	0		12.5	3	MIX 50 SKS. @ 13.78 PPG
4:08 PM	0		1.5	3	H ₂ O BEHIND CMT.
					4 TH PLUG @ 600' w/ 20 SKS.
4:25 PM	0		5	2	MIX 20 SKS. @ 13.78 PPG
					CMT. TO SURFACE
4:45 PM	0		6.4	2	PLUG R.H. & M.H.
					JOB COMPLETE
					THANKS -
					KEVEN LESLEY