



DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Stout ST STE 1500
Denver, CO 80202

ATTN: Rick Hall

Wilson #15-1

15-9s-32w Thomas,KS

Start Date: 2013.08.28 @ 17:05:00

End Date: 2013.08.28 @ 21:23:15

Job Ticket #: 52857 DST #: 1

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

Printed: 2013.09.03 @ 16:29:48



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Corp.

15-9s-32w Thomas,KS

1600 Stout ST STE 1500
Denver, CO 80202

Wilson #15-1

Job Ticket: 52857

DST#: 1

ATTN: Rick Hall

Test Start: 2013.08.28 @ 17:05:00

Tool Information

Drill Pipe:	Length: 4234.00 ft	Diameter: 3.80 inches	Volume: 59.39 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 59.39 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4242.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	110.00 ft			
Tool Length:	138.00 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			4215.00	
Shut In Tool	5.00			4220.00	
Hydraulic tool	5.00			4225.00	
Jars	5.00			4230.00	
Safety Joint	3.00			4233.00	
Packer	5.00			4238.00	28.00 Bottom Of Top Packer
Packer	4.00			4242.00	
Stubb	1.00			4243.00	
Recorder	0.00	6772	Outside	4243.00	
Recorder	0.00	8845	Outside	4243.00	
Perforations	8.00			4251.00	
Change Over Sub	1.00			4252.00	
Drill Pipe	94.00			4346.00	
Change Over Sub	1.00			4347.00	
Bullnose	5.00			4352.00	110.00 Bottom Packers & Anchor

Total Tool Length: 138.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corp.

15-9s-32w Thomas,KS

1600 Stout ST STE 1500
Denver, CO 80202

Wilson #15-1

Job Ticket: 52857

DST#: 1

ATTN: Rick Hall

Test Start: 2013.08.28 @ 17:05:00

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: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
140.00	Mud 100m	1.964

Total Length: 140.00 ft Total Volume: 1.964 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

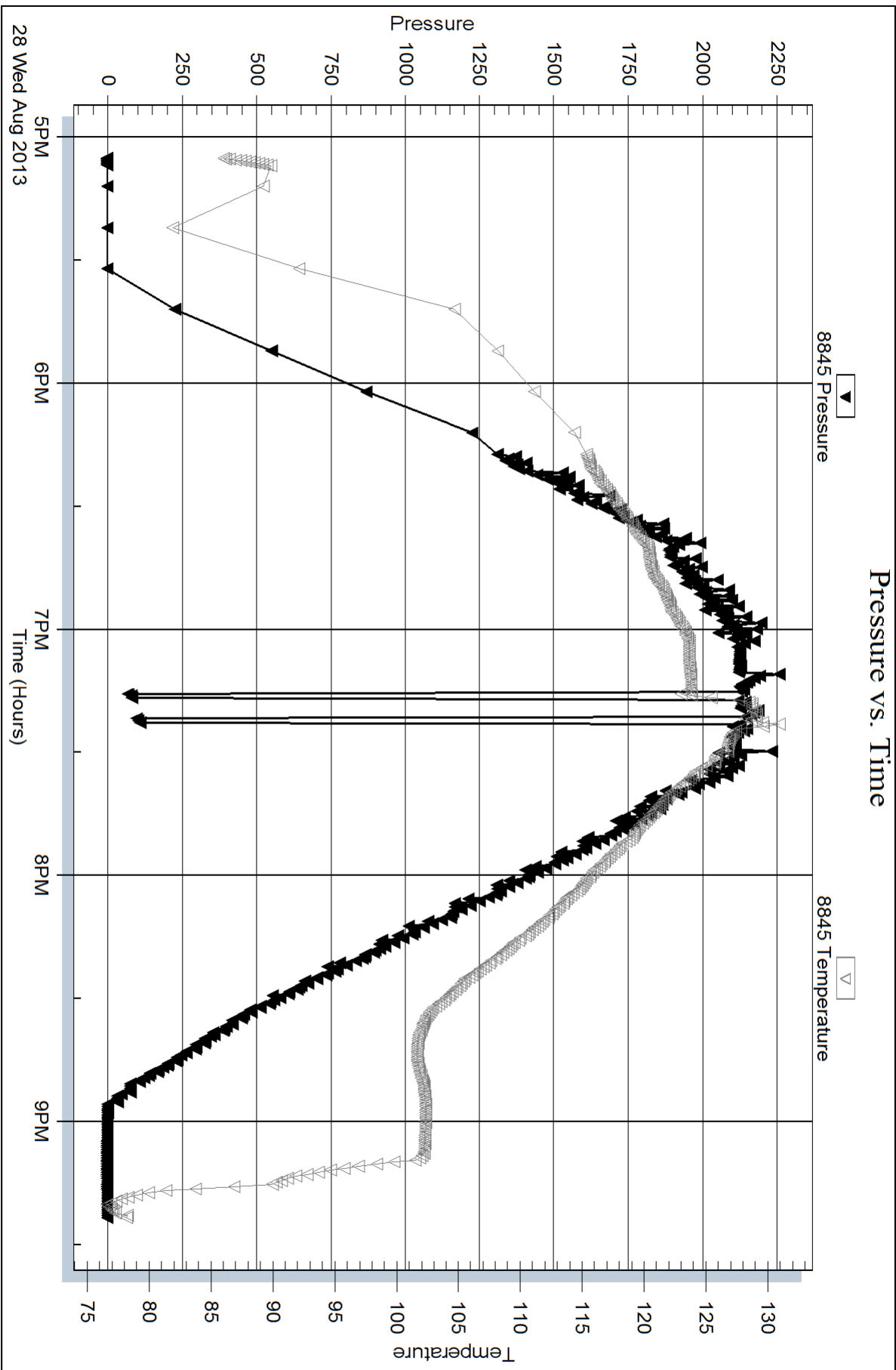
Recovery Comments:

Serial #: 8845

Outside Coral Production Corp.

Wilson #15-1

DST Test Number: 1

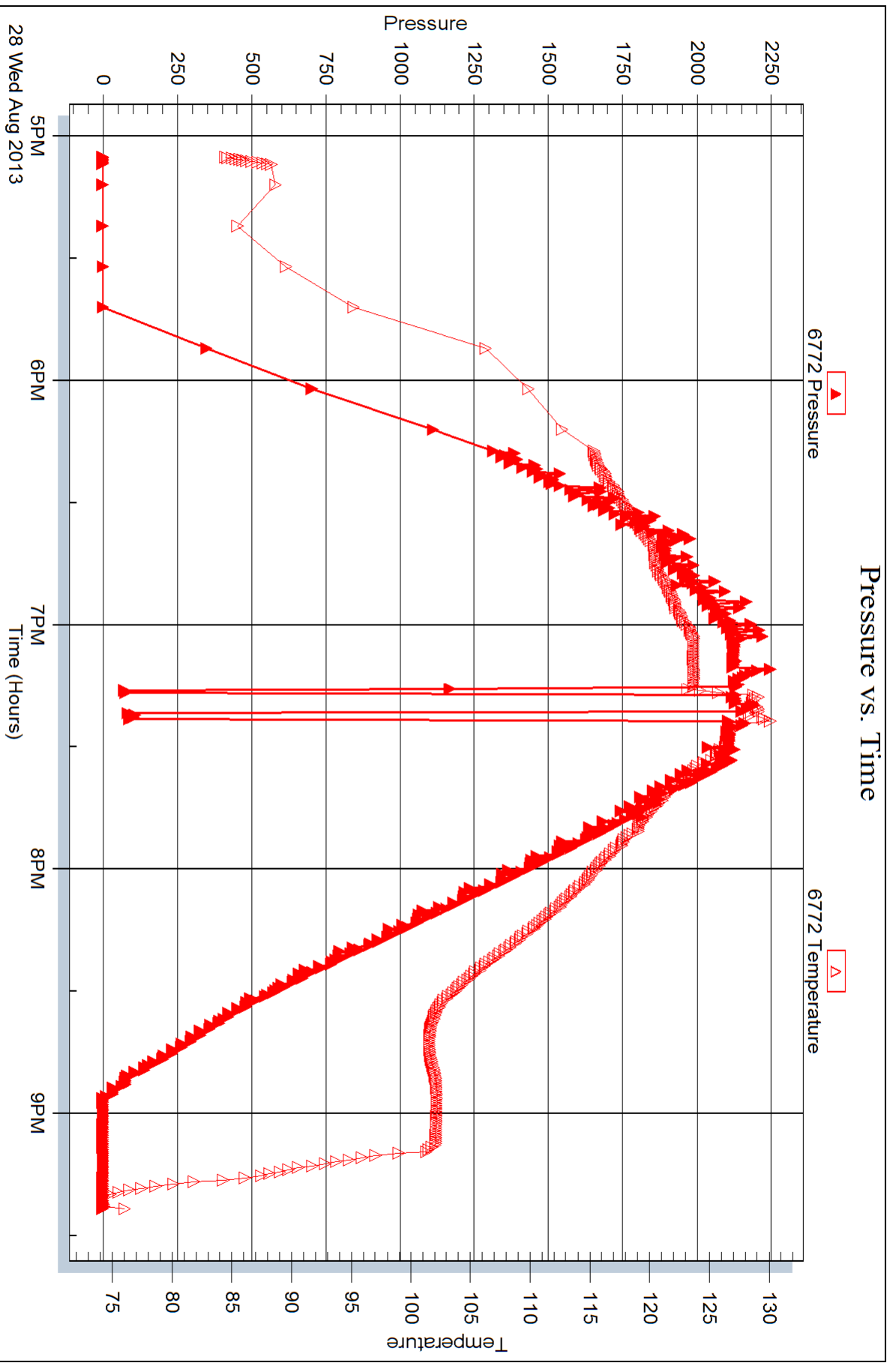


Serial #: 6772

Outside Coral Production Corp.

Wilson #15-1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Stout ST STE 1500
Denver, CO 80202

ATTN: Rick Hall

Wilson #15-1

15-9s-32w Thomas,KS

Start Date: 2013.08.28 @ 21:58:00

End Date: 2013.08.29 @ 05:28:00

Job Ticket #: 52858 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.09.03 @ 16:28:35



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Coral Production Corp.

15-9s-32w Thomas,KS

1600 Stout ST STE 1500
Denver, CO 80202

Wilson #15-1

ATTN: Rick Hall

Job Ticket: 52858

DST#: 2

Test Start: 2013.08.28 @ 21:58:00

GENERAL INFORMATION:

Formation: **KC " I - K "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:47:15

Time Test Ended: 05:28:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Interval: 4267.00 ft (KB) To 4352.00 ft (KB) (TVD)

Reference Elevations: 3078.00 ft (KB)

Total Depth: 4352.00 ft (KB) (TVD)

3068.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8845 Outside

Press @ Run Depth: 57.89 psig @ 4268.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.08.28

End Date:

2013.08.29

Last Calib.:

2013.08.29

Start Time: 21:58:05

End Time:

05:27:59

Time On Btm:

2013.08.28 @ 23:47:00

Time Off Btm:

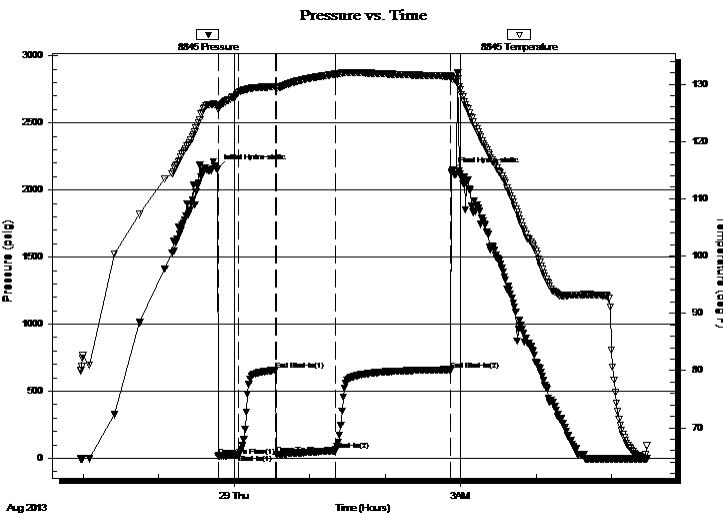
2013.08.29 @ 02:52:30

TEST COMMENT: IF: 5 1/4" Blow

IS: No Return.

FF: BOB @ 35 min.

FS: Bled off for 5 min. 1/4" Return died back to a Weak Surface Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2160.33	126.37	Initial Hydro-static
1	18.39	125.61	Open To Flow (1)
17	27.79	128.56	Shut-In(1)
46	656.71	129.54	End Shut-In(1)
47	28.68	129.36	Open To Flow (2)
94	57.89	131.73	Shut-In(2)
185	661.00	131.41	End Shut-In(2)
186	2134.57	131.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	GOWCM 10g 20o 5w 65m	0.98
30.00	GO 20g 80o	0.42
0.00	240' 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

Coral Production Corp.

15-9s-32w Thomas,KS

1600 Stout ST STE 1500
Denver, CO 80202

Wilson #15-1

Job Ticket: 52858

DST#: 2

ATTN: Rick Hall

Test Start: 2013.08.28 @ 21:58:00

Tool Information

Drill Pipe:	Length: 4259.00 ft	Diameter: 3.80 inches	Volume: 59.74 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 95000.00 lb
			<u>Total Volume: 59.74 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 63000.00 lb
Depth to Top Packer:	4267.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	85.00 ft			
Tool Length:	113.00 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			4240.00	
Shut In Tool	5.00			4245.00	
Hydraulic tool	5.00			4250.00	
Jars	5.00			4255.00	
Safety Joint	3.00			4258.00	
Packer	5.00			4263.00	28.00 Bottom Of Top Packer
Packer	4.00			4267.00	
Stubb	1.00			4268.00	
Recorder	0.00	6772	Outside	4268.00	
Recorder	0.00	8845	Outside	4268.00	
Perforations	14.00			4282.00	
Change Over Sub	1.00			4283.00	
Drill Pipe	63.00			4346.00	
Change Over Sub	1.00			4347.00	
Bullnose	5.00			4352.00	85.00 Bottom Packers & Anchor

Total Tool Length: 113.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corp.

15-9s-32w Thomas,KS

1600 Stout ST STE 1500
Denver, CO 80202

Wilson #15-1

Job Ticket: 52858

DST#: 2

ATTN: Rick Hall

Test Start: 2013.08.28 @ 21:58:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
70.00	GOWCM 10g 20o 5w 65m	0.982
30.00	GO 20g 80o	0.421
0.00	240' GIP	0.000

Total Length: 100.00 ft Total Volume: 1.403 bbl

Num Fluid Samples: 0

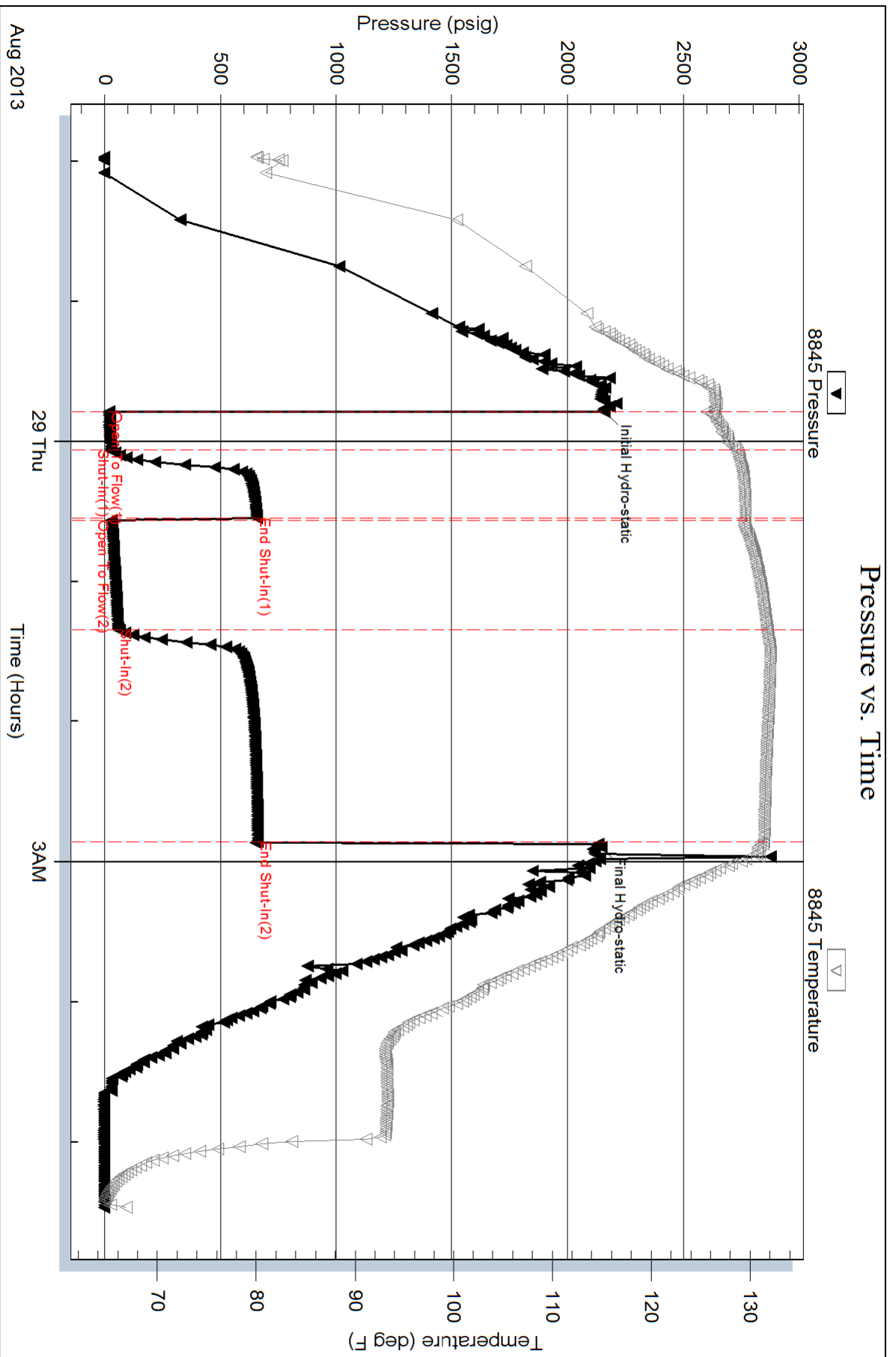
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API: 39 @ 70 degrees= 38 deg API

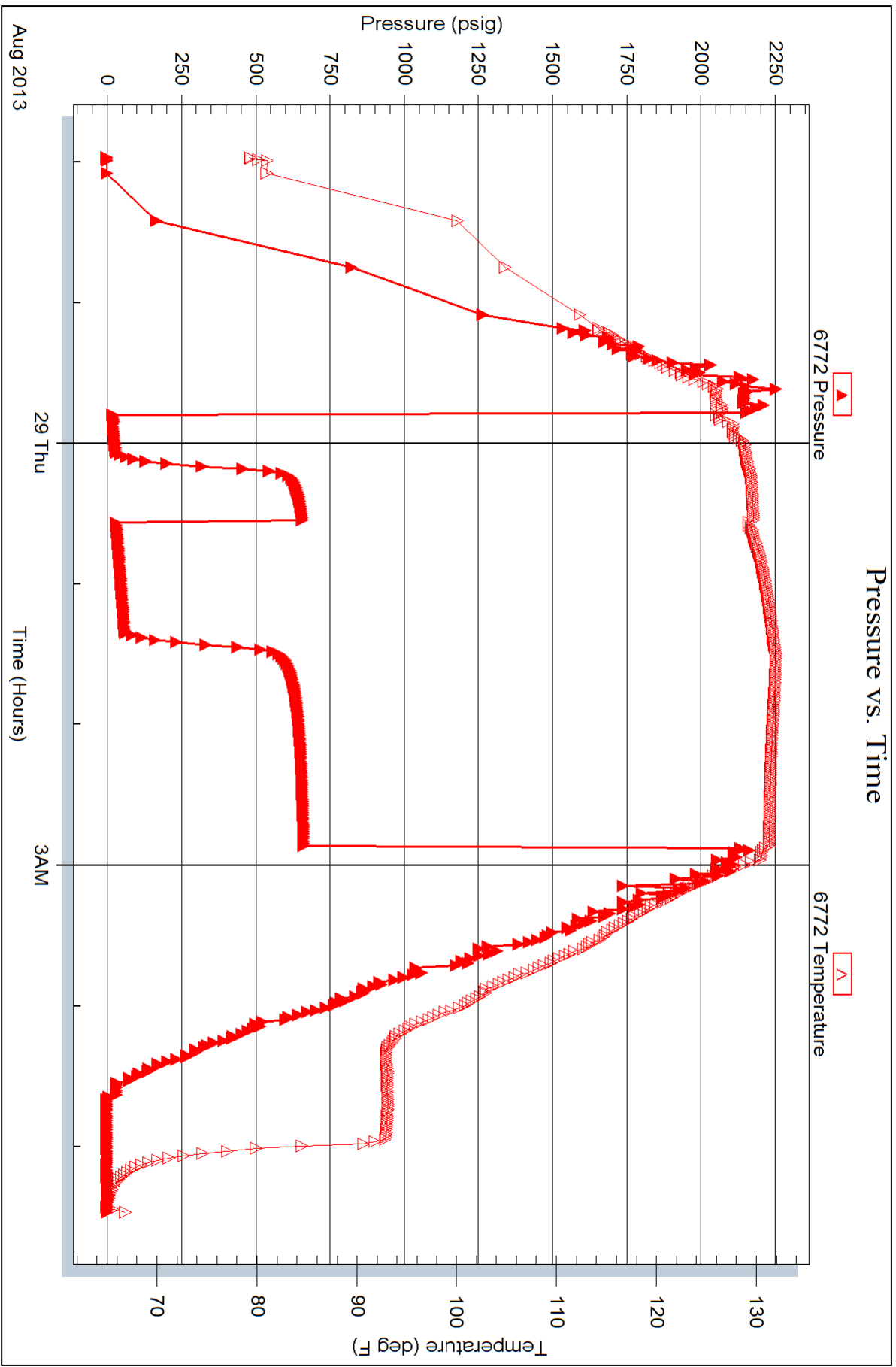


Serial #: 6772

Outside Coral Production Corp.

Wilson #15-1

DST Test Number: 2





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 52857

Well Name & No. Wilson #15-1 Test No. 1 Date 8/28/13
 Company Coral Production Corp. Elevation 3078 KB 3068 GL
 Address 1600 Stout St STE 1500 Denver, CO 80202
 Co. Rep / Geo. Rick Hall Rig Maverick #106
 Location: Sec. 15 Twp. 9S Rge. 32W Co. Thomas State KS

Interval Tested 4242 - 4352 Zone Tested KC "I-K"
 Anchor Length 110 Drill Pipe Run 4234 Mud Wt. 9.3
 Top Packer Depth 4238 Drill Collars Run 0 Vis 47
 Bottom Packer Depth 4242 Wt. Pipe Run 0 WL 11.2
 Total Depth 4325 Chlorides 1500 ppm System LCM 1

Blow Description IF:
ISL: Packer Failure Mis-Run
FF:

FSI:

Rec	Feet of	%gas	%oil	%water	%mud
<u>140</u>	<u>Mud</u>			<u>100</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 140 BHT N/A Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic — Test 1050 T-On Location 15:10
 (B) First Initial Flow — Jars 250 T-Started 17:05
 (C) First Final Flow N/A Safety Joint 75 T-Open N/A
 (D) Initial Shut-In — Circ Sub N/C T-Pulled N/A
 (E) Second Initial Flow — Hourly Standby — T-Out 21:23
 (F) Second Final Flow — Mileage 120 RT x 2 ← 372 Comments Wanted shale packer
 (G) Final Shut-In — Sampler —
 (H) Final Hydrostatic — Straddle — Ruined Shale Packer —
 Shale Packer — Ruined Packer —
 Extra Packer — Extra Copies —
 Initial Open — Extra Recorder — Sub Total 0
 Initial Shut-In N/A Day Standby — Total 1747
 Final Flow — Accessibility — MP/DST Disc't —
 Final Shut-In — Sub Total 1747

Approved By _____ 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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 52858

Well Name & No. Wilson #15-1 Test No. 2 Date 8/28/13
 Company Coral Production Corp. Elevation 3078 KB 3068 GL
 Address 1600 Start St STE 1500 Denver, CO 80202
 Co. Rep / Geo. Rick Hall Rig Maverick #106
 Location: Sec. 15 Twp. 9S Rge. 32W Co. Thomas State KS

Interval Tested 4267-4352 Zone Tested KC "I-K"
 Anchor Length 85 Drill Pipe Run 4259 Mud Wt. 9.3
 Top Packer Depth 4263 Drill Collars Run 0 Vis 47
 Bottom Packer Depth 4267 Wt. Pipe Run 0 WL 11.2
 Total Depth 4352 Chlorides 1500 ppm System LCM 1

Blow Description IF: 5 1/4" Blow.
ISI: No Return.
FF: BOB @ 35 min.
FSI: Bled off for 5 min. 1/4" Return died back to a Weak Surface Return.

Rec	Feet of	%gas	%oil	%water	%mud
30	GO	20	80		
70	Go w/cm	10	20	5	65
	240' GIP				

Rec Total 100 BHT 131 Gravity 38 API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic	<u>2160</u>	<input checked="" type="checkbox"/> Test	<u>1250</u>	T-On Location	<u>15:10</u>
(B) First Initial Flow	<u>18</u>	<input checked="" type="checkbox"/> Jars	<u>250</u>	T-Started	<u>21:58</u>
(C) First Final Flow	<u>28</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75</u>	T-Open	<u>23:48</u>
(D) Initial Shut-In	<u>657</u>	<input checked="" type="checkbox"/> Circ Sub	<u>N/C</u>	T-Pulled	<u>2:52</u>
(E) Second Initial Flow	<u>29</u>	<input checked="" type="checkbox"/> Hourly Standby		T-Out	<u>5:29</u>
(F) Second Final Flow	<u>58</u>	<input checked="" type="checkbox"/> Mileage	<u>20 R/T X 2</u> ³⁷²	Comments	<u>Gravity: 39@70=38</u>
(G) Final Shut-In	<u>661</u>	<input type="checkbox"/> Sampler			<u>Leak Tools @ 18:15</u>
(H) Final Hydrostatic	<u>2135</u>	<input type="checkbox"/> Straddle			<u>8/30/13</u>

<input checked="" type="checkbox"/> Ruined Shale Packer	<u>350</u>
<input type="checkbox"/> Ruined Packer	
<input type="checkbox"/> Extra Packer	
<input type="checkbox"/> Extra Recorder	
<input checked="" type="checkbox"/> Day Standby	<u>1d 12.75h</u>
<input type="checkbox"/> Accessibility	
Sub Total	<u>2197</u>
Sub Total	<u>800</u>
Total	<u>3347</u>
MP/DST Disc't	

Approved By Rick Hall 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.