

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1241496
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

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

1241496

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

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

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Stout ST STE 1500
Denver CO 80202

ATTN: Tim Lauer

Griebel #16-3

16-7s-19w Rooks,KS

Start Date: 2015.01.20 @ 19:35:00

End Date: 2015.01.21 @ 02:35:30

Job Ticket #: 53838 DST #: 1

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

Printed: 2015.01.25 @ 18:03:29



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Coral Production Corp.

16-7s-19w Rooks,KS

1600 Stout ST STE 1500
Denver CO 80202

Griebel #16-3

Job Ticket: 53838

DST#: 1

ATTN: Tim Lauer

Test Start: 2015.01.20 @ 19:35:00

GENERAL INFORMATION:

Formation: **Oread**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:06:45

Time Test Ended: 02:35:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Brett Dickinson

Unit No: 81

Interval: 3062.00 ft (KB) To 3080.00 ft (KB) (TVD)

Reference Elevations: 1933.00 ft (KB)

Total Depth: 3080.00 ft (KB) (TVD)

1926.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8736 Outside

Press@RunDepth: 44.91 psig @ 3063.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.01.20

End Date:

2015.01.21

Last Calib.: 2015.01.21

Start Time: 19:35:05

End Time:

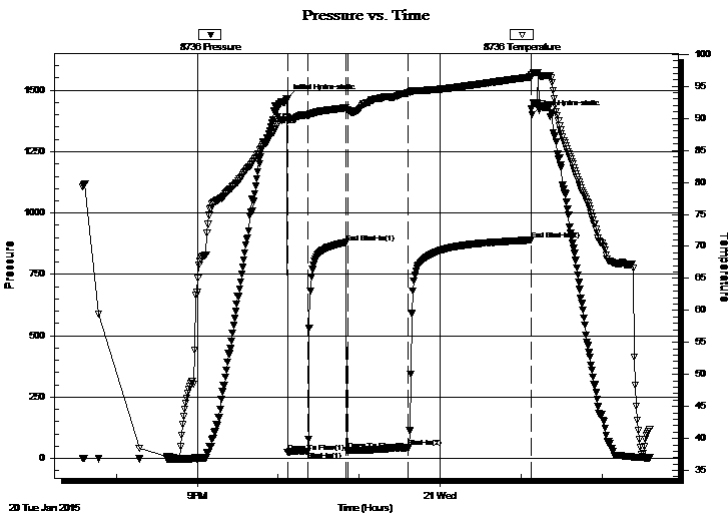
02:35:29

Time On Btm: 2015.01.20 @ 22:06:00

Time Off Btm: 2015.01.21 @ 01:08:00

TEST COMMENT: IF-3/4" blow
IS-No blow
FF-1/4" blow
FS-No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1465.82	90.21	Initial Hydro-static
1	25.73	89.60	Open To Flow (1)
16	29.46	90.47	Shut-In(1)
45	880.34	91.66	End Shut-In(1)
46	31.88	91.35	Open To Flow (2)
91	44.91	94.01	Shut-In(2)
181	889.85	96.46	End Shut-In(2)
182	1401.55	96.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	MCW 20%M 80%W	0.46

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Coral Production Corp.

16-7s-19w Rooks,KS

1600 Stout ST STE 1500
Denver CO 80202

Griebel #16-3

Job Ticket: 53838

DST#: 1

ATTN: Tim Lauer

Test Start: 2015.01.20 @ 19:35:00

GENERAL INFORMATION:

Formation: **Oread**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:06:45

Time Test Ended: 02:35:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Brett Dickinson

Unit No: 81

Interval: 3062.00 ft (KB) To 3080.00 ft (KB) (TVD)

Reference Elevations: 1933.00 ft (KB)

Total Depth: 3080.00 ft (KB) (TVD)

1926.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8957

Inside

Press@RunDepth: psig @ 3063.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.01.20

End Date: 2015.01.21

Last Calib.: 2015.01.21

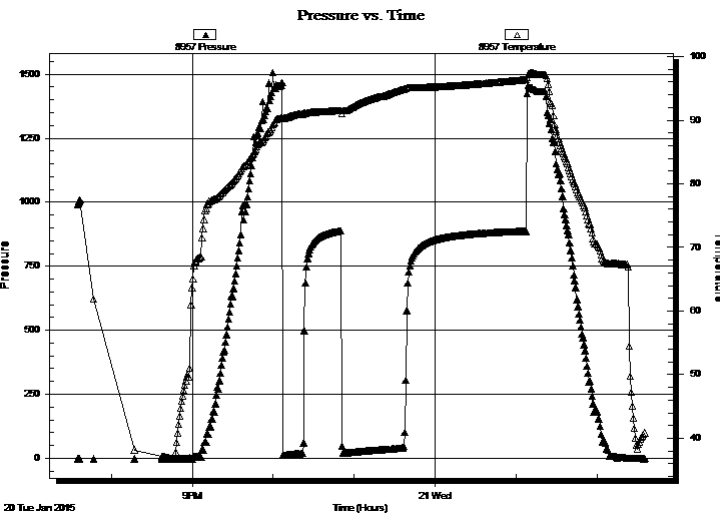
Start Time: 19:35:05

End Time: 02:35:29

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-3/4" blow
IS-No blow
FF-1/4" blow
FS-No blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
65.00	MCW 20%M 80%W	0.46

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Corp.

16-7s-19w Rooks,KS

1600 Stout ST STE 1500
Denver CO 80202

Griebel #16-3

Job Ticket: 53838

DST#: 1

ATTN: Tim Lauer

Test Start: 2015.01.20 @ 19:35:00

Tool Information

Drill Pipe:	Length: 2755.00 ft	Diameter: 3.80 inches	Volume: 38.65 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 310.00 ft	Diameter: 2.70 inches	Volume: 2.20 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: 50000.00 lb
			<u>Total Volume: 40.85 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3062.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	38.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3047.00	
Hydraulic tool	5.00			3052.00	
Packer	5.00			3057.00	20.00 Bottom Of Top Packer
Packer	5.00			3062.00	
Packer - Shale	0.00			3062.00	
Stubb	1.00			3063.00	
Recorder	0.00	8957	Inside	3063.00	
Recorder	0.00	8736	Outside	3063.00	
Perforations	14.00			3077.00	
Bullnose	3.00			3080.00	18.00 Bottom Packers & Anchor
Total Tool Length:	38.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corp.

16-7s-19w Rooks,KS

1600 Stout ST STE 1500
Denver CO 80202

Griebel #16-3

Job Ticket: 53838

DST#: 1

ATTN: Tim Lauer

Test Start: 2015.01.20 @ 19:35:00

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 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 bbl
65.00	MCW 20%M 80%W	0.460

Total Length: 65.00 ft Total Volume: 0.460 bbl

Num Fluid Samples: 0

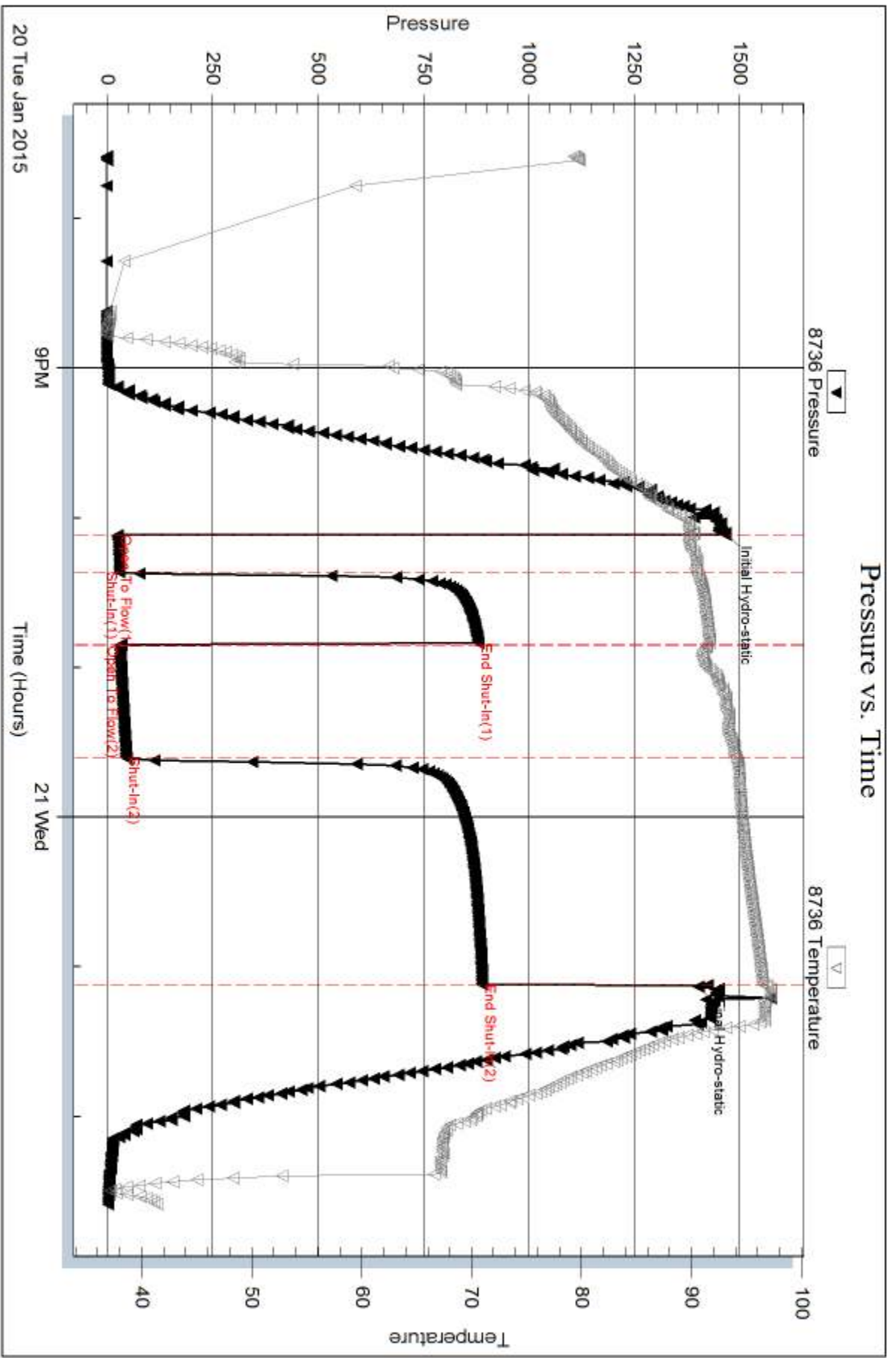
Num Gas Bombs: 0

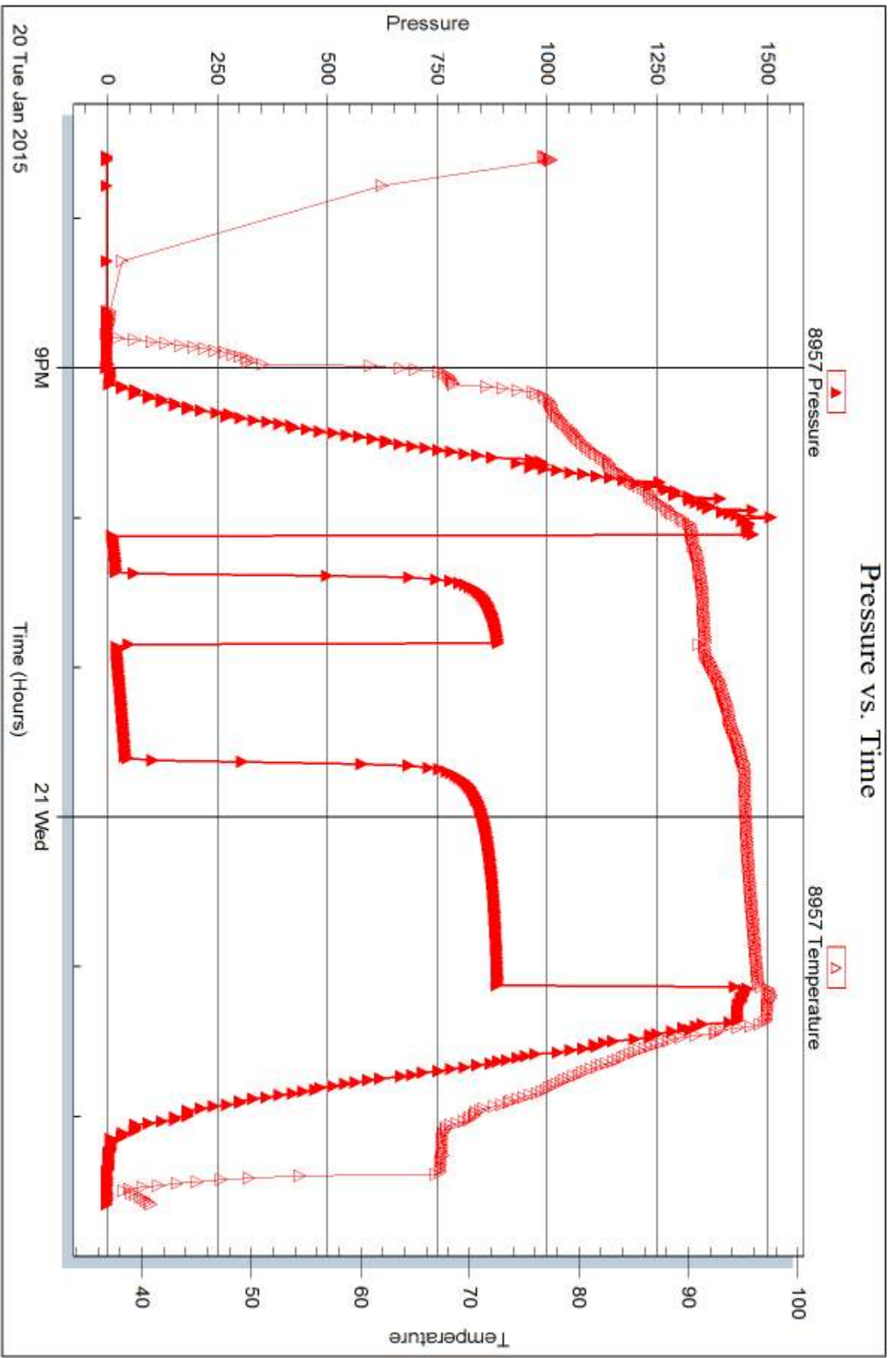
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Stout ST STE 1500
Denver CO 80202

ATTN: Tim Lauer

Griebel #16-3

16-7s-19w Rooks,KS

Start Date: 2015.01.21 @ 15:40:00

End Date: 2015.01.21 @ 21:50:15

Job Ticket #: 53839 DST #: 2

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

Printed: 2015.01.25 @ 18:03:06



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Coral Production Corp.

16-7s-19w Rooks,KS

1600 Stout ST STE 1500
Denver CO 80202

Griebel #16-3

Job Ticket: 53839

DST#: 2

ATTN: Tim Lauer

Test Start: 2015.01.21 @ 15:40:00

GENERAL INFORMATION:

Formation: **Toronto - LKC F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:56:45

Time Test Ended: 21:50:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Brett Dickinson

Unit No: 81

Interval: 3120.00 ft (KB) To 3224.00 ft (KB) (TVD)

Reference Elevations: 1933.00 ft (KB)

Total Depth: 3224.00 ft (KB) (TVD)

1926.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8736 Outside

Press@RunDepth: 23.66 psig @ 3121.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.01.21

End Date: 2015.01.21

Last Calib.: 2015.01.21

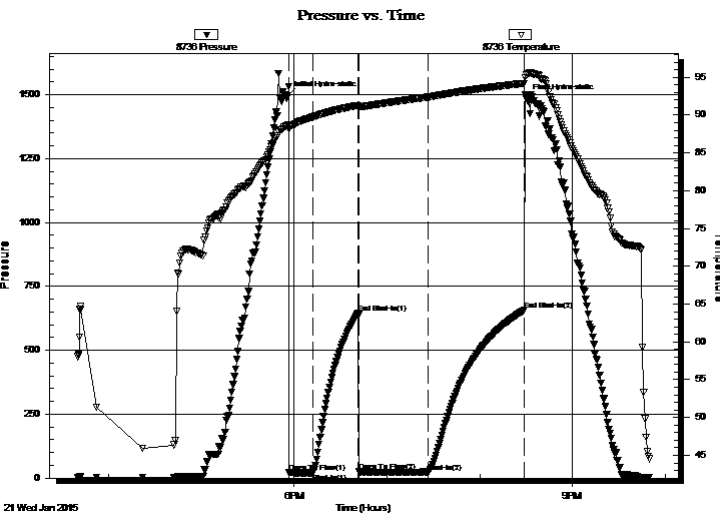
Start Time: 15:40:05

End Time: 21:50:14

Time On Btm: 2015.01.21 @ 17:55:45

Time Off Btm: 2015.01.21 @ 20:30:15

TEST COMMENT: IF-1" blow
IS-No blow
FF-Weak surface blow
FS-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1496.26	88.64	Initial Hydro-static
1	23.05	88.18	Open To Flow (1)
17	20.17	89.74	Shut-In(1)
46	644.18	91.27	End Shut-In(1)
46	25.21	91.02	Open To Flow (2)
91	23.66	92.39	Shut-In(2)
153	657.44	94.19	End Shut-In(2)
155	1484.60	95.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud	0.11

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Coral Production Corp.

16-7s-19w Rooks,KS

1600 Stout ST STE 1500
Denver CO 80202

Griebel #16-3

Job Ticket: 53839

DST#: 2

ATTN: Tim Lauer

Test Start: 2015.01.21 @ 15:40:00

GENERAL INFORMATION:

Formation: **Toronto - LKC F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:56:45

Time Test Ended: 21:50:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Brett Dickinson

Unit No: 81

Interval: 3120.00 ft (KB) To 3224.00 ft (KB) (TVD)

Reference Elevations: 1933.00 ft (KB)

Total Depth: 3224.00 ft (KB) (TVD)

1926.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8957 Inside

Press@RunDepth: psig @ 3121.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.01.21

End Date:

2015.01.21

Last Calib.:

2015.01.21

Start Time: 15:40:05

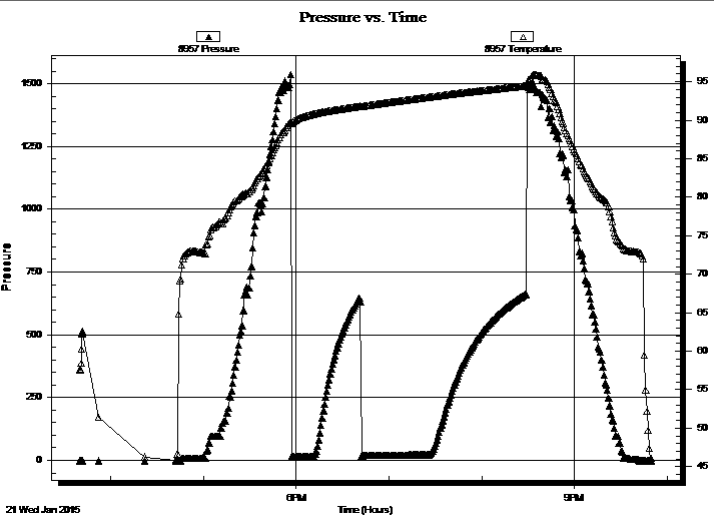
End Time:

21:50:14

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-1" blow
IS-No blow
FF-Weak surface blow
FS-No blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud	0.11

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Corp.

16-7s-19w Rooks,KS

1600 Stout ST STE 1500
Denver CO 80202

Griebel #16-3

Job Ticket: 53839

DST#: 2

ATTN: Tim Lauer

Test Start: 2015.01.21 @ 15:40:00

Tool Information

Drill Pipe:	Length: 2818.00 ft	Diameter: 3.80 inches	Volume: 39.53 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 310.00 ft	Diameter: 2.70 inches	Volume: 2.20 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: 50000.00 lb
			<u>Total Volume: 41.73 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3120.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	104.00 ft			
Tool Length:	124.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			3105.00	
Hydraulic tool	5.00			3110.00	
Packer	5.00			3115.00	20.00 Bottom Of Top Packer
Packer	5.00			3120.00	
Packer - Shale	0.00			3120.00	
Stubb	1.00			3121.00	
Recorder	0.00	8957	Inside	3121.00	
Recorder	0.00	8736	Outside	3121.00	
Perforations	4.00			3125.00	
Change Over Sub	1.00			3126.00	
Blank Spacing	94.00			3220.00	
Change Over Sub	1.00			3221.00	
Bullnose	3.00			3224.00	104.00 Bottom Packers & Anchor

Total Tool Length: 124.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corp.

16-7s-19w Rooks,KS

1600 Stout ST STE 1500
Denver CO 80202

Griebel #16-3

Job Ticket: 53839

DST#: 2

ATTN: Tim Lauer

Test Start: 2015.01.21 @ 15:40:00

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 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
15.00	Mud	0.106

Total Length: 15.00 ft Total Volume: 0.106 bbl

Num Fluid Samples: 0

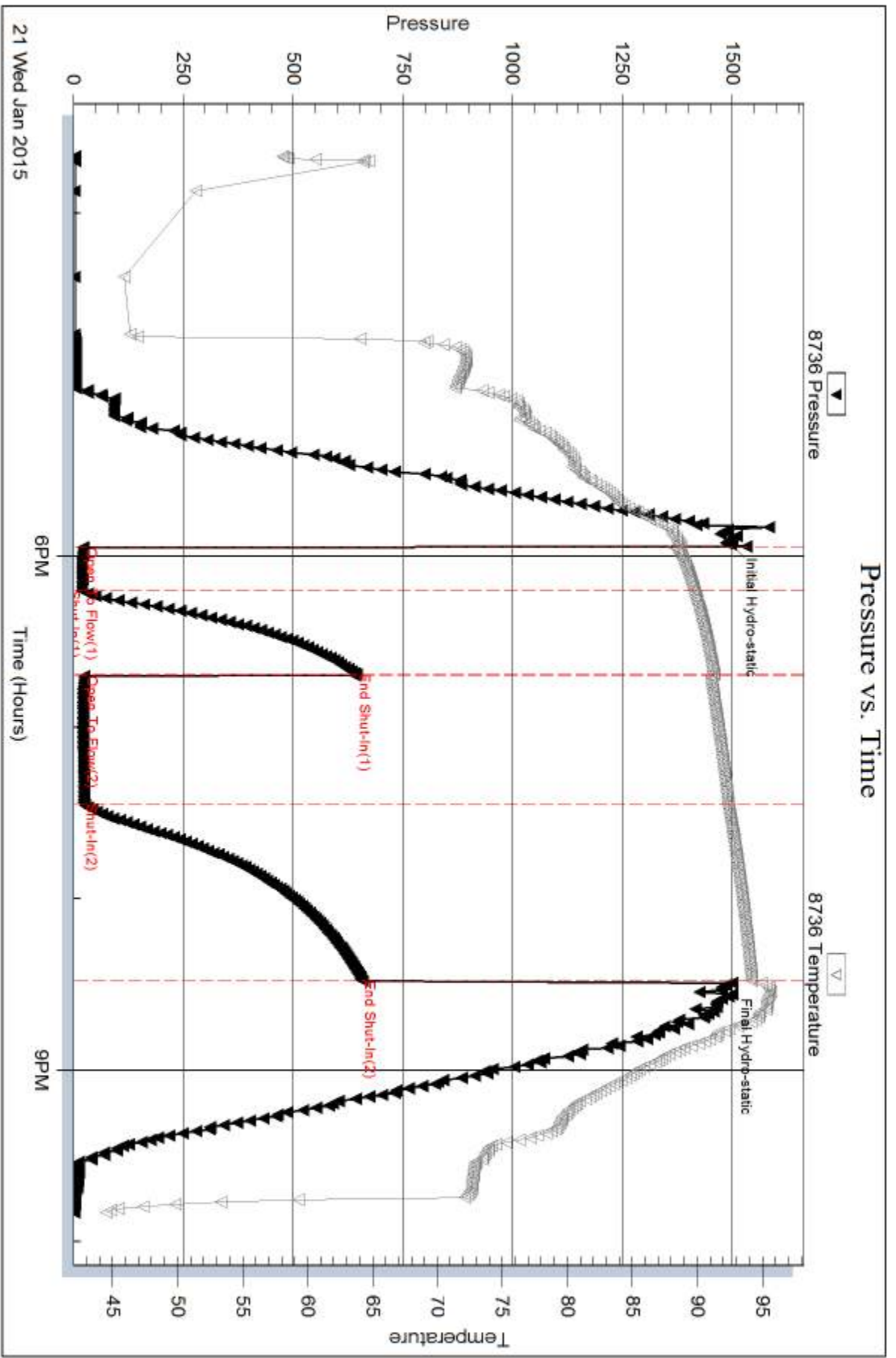
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



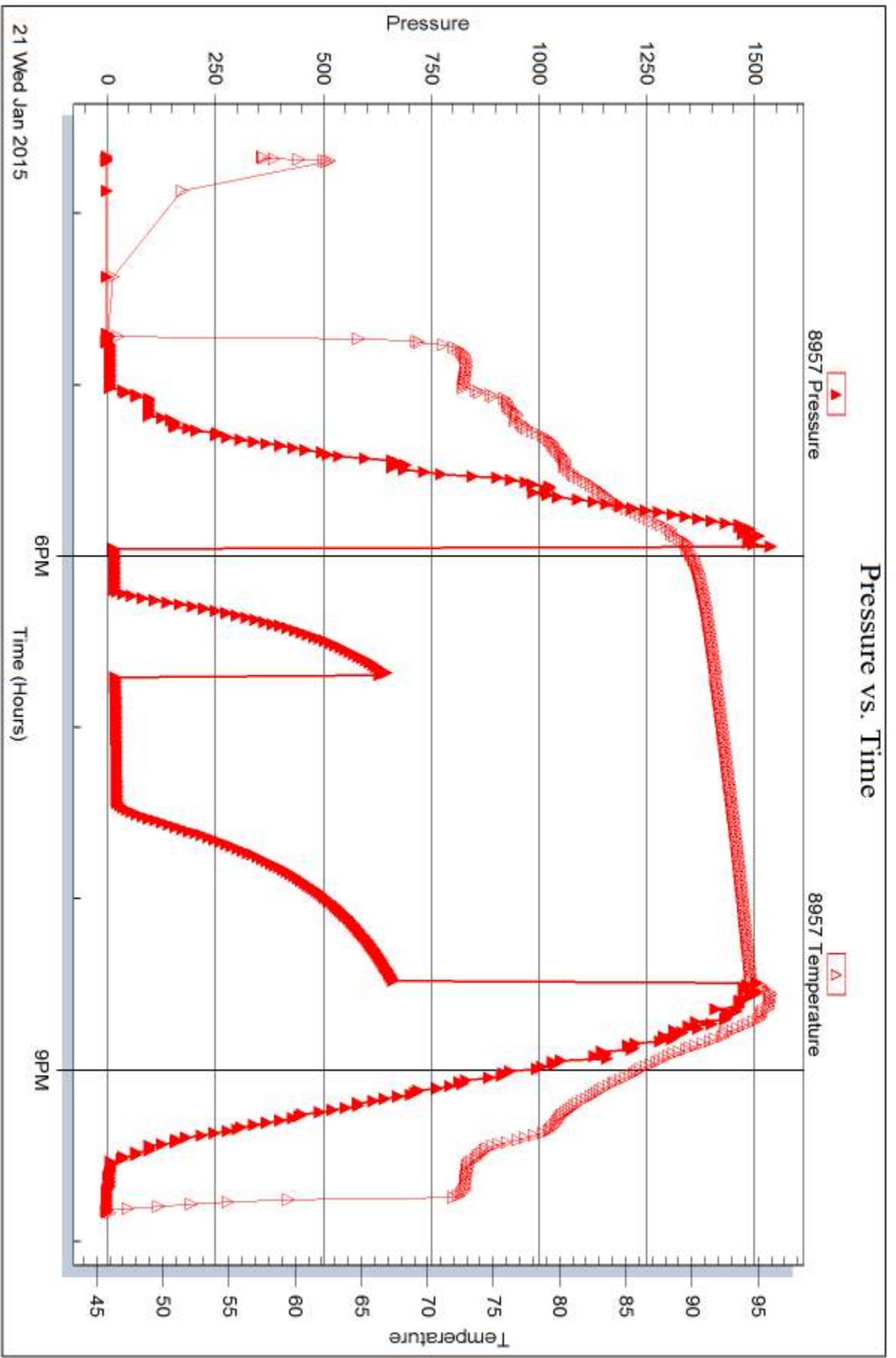
Serial #: 8957

Inside

Coral Production Corp.

Griebe1 #16-3

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 53839

Printed: 2015.01.25 @ 18:03:07



DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Stout ST STE 1500
Denver CO 80202

ATTN: Tim Lauer

Griebel #16-3

16-7s-19w Rooks,KS

Start Date: 2015.01.22 @ 11:40:00

End Date: 2015.01.22 @ 18:08:00

Job Ticket #: 53840 DST #: 3

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

Printed: 2015.01.25 @ 18:02:44



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Coral Production Corp.

16-7s-19w Rooks,KS

1600 Stout ST STE 1500
Denver CO 80202

Griebel #16-3

Job Ticket: 53840

DST#: 3

ATTN: Tim Lauer

Test Start: 2015.01.22 @ 11:40:00

GENERAL INFORMATION:

Formation: **KC"H-L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:54:45

Time Test Ended: 18:08:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Brett Dickinson

Unit No: 81

Interval: 3246.00 ft (KB) To 3355.00 ft (KB) (TVD)

Reference Elevations: 1933.00 ft (KB)

Total Depth: 3355.00 ft (KB) (TVD)

1926.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8736 Outside

Press@RunDepth: 41.69 psig @ 3247.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.01.22

End Date: 2015.01.22

Last Calib.: 2015.01.22

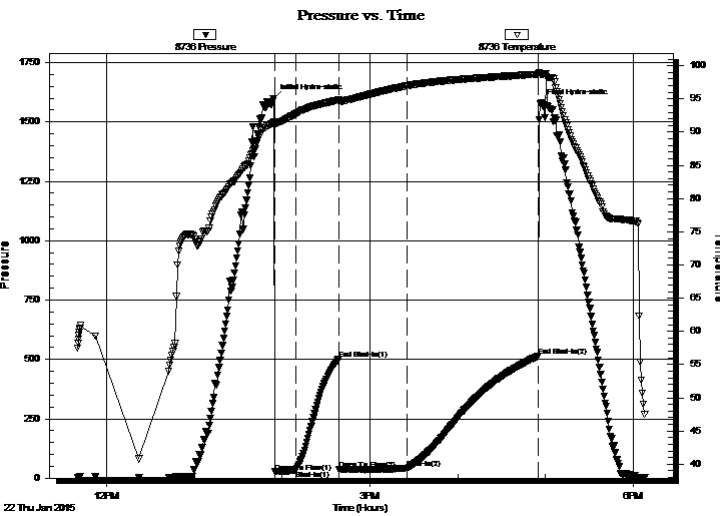
Start Time: 11:40:05

End Time: 18:07:59

Time On Btm: 2015.01.22 @ 13:54:00

Time Off Btm: 2015.01.22 @ 16:56:30

TEST COMMENT: IF-2" blow
IS-No blow
FF-1" blow
FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1596.76	91.45	Initial Hydro-static
1	26.02	91.17	Open To Flow (1)
15	33.56	92.72	Shut-In(1)
45	500.29	94.82	End Shut-In(1)
45	36.11	94.67	Open To Flow (2)
92	41.69	96.98	Shut-In(2)
181	513.95	98.73	End Shut-In(2)
183	1577.95	98.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
55.00	Mud	0.39

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Coral Production Corp.
 1600 Stout ST STE 1500
 Denver CO 80202
 ATTN: Tim Lauer

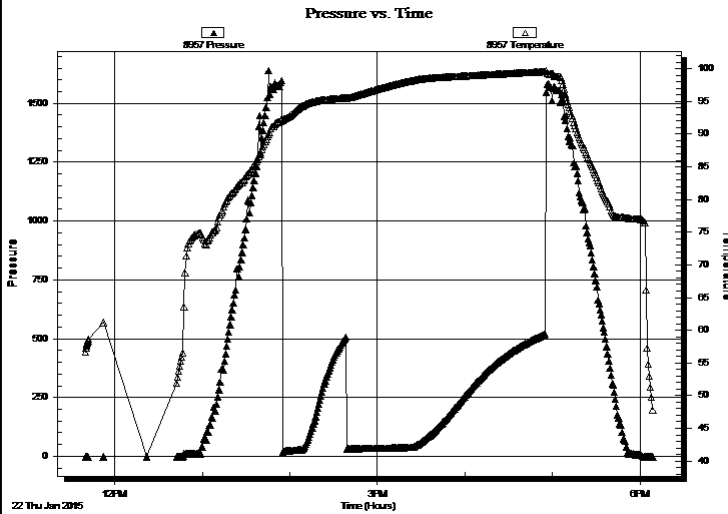
16-7s-19w Rooks, KS
Griebel #16-3
 Job Ticket: 53840 **DST#: 3**
 Test Start: 2015.01.22 @ 11:40:00

GENERAL INFORMATION:

Formation: **KC"H-L"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:54:45
 Time Test Ended: 18:08:00
Interval: 3246.00 ft (KB) To 3355.00 ft (KB) (TVD)
 Total Depth: 3355.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brett Dickinson
 Unit No: 81
 Reference Elevations: 1933.00 ft (KB)
 1926.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8957 Inside
 Press@RunDepth: psig @ 3247.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.01.22 End Date: 2015.01.22 Last Calib.: 2015.01.22
 Start Time: 11:40:05 End Time: 18:08:29 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF-2" blow
 IS-No blow
 FF-1" blow
 FS-No blow



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

Recovery		
Length (ft)	Description	Volume (bbl)
55.00	Mud	0.39

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.

16-7s-19w Rooks,KS

1600 Stout ST STE 1500
Denver CO 80202

Griebel #16-3

Job Ticket: 53840

DST#: 3

ATTN: Tim Lauer

Test Start: 2015.01.22 @ 11:40:00

Tool Information

Drill Pipe:	Length: 2944.00 ft	Diameter: 3.80 inches	Volume: 41.30 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 310.00 ft	Diameter: 2.70 inches	Volume: 2.20 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: 55000.00 lb
			<u>Total Volume: 43.50 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	3246.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	109.00 ft			
Tool Length:	129.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			3231.00	
Hydraulic tool	5.00			3236.00	
Packer	5.00			3241.00	20.00 Bottom Of Top Packer
Packer	5.00			3246.00	
Packer - Shale	0.00			3246.00	
Stubb	1.00			3247.00	
Recorder	0.00	8957	Inside	3247.00	
Recorder	0.00	8736	Outside	3247.00	
Perforations	9.00			3256.00	
Change Over Sub	1.00			3257.00	
Blank Spacing	94.00			3351.00	
Change Over Sub	1.00			3352.00	
Bullnose	3.00			3355.00	109.00 Bottom Packers & Anchor

Total Tool Length: 129.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corp.

16-7s-19w Rooks,KS

1600 Stout ST STE 1500
Denver CO 80202

Griebel #16-3

Job Ticket: 53840

DST#: 3

ATTN: Tim Lauer

Test Start: 2015.01.22 @ 11:40:00

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.96 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 bbl
55.00	Mud	0.389

Total Length: 55.00 ft Total Volume: 0.389 bbl

Num Fluid Samples: 0

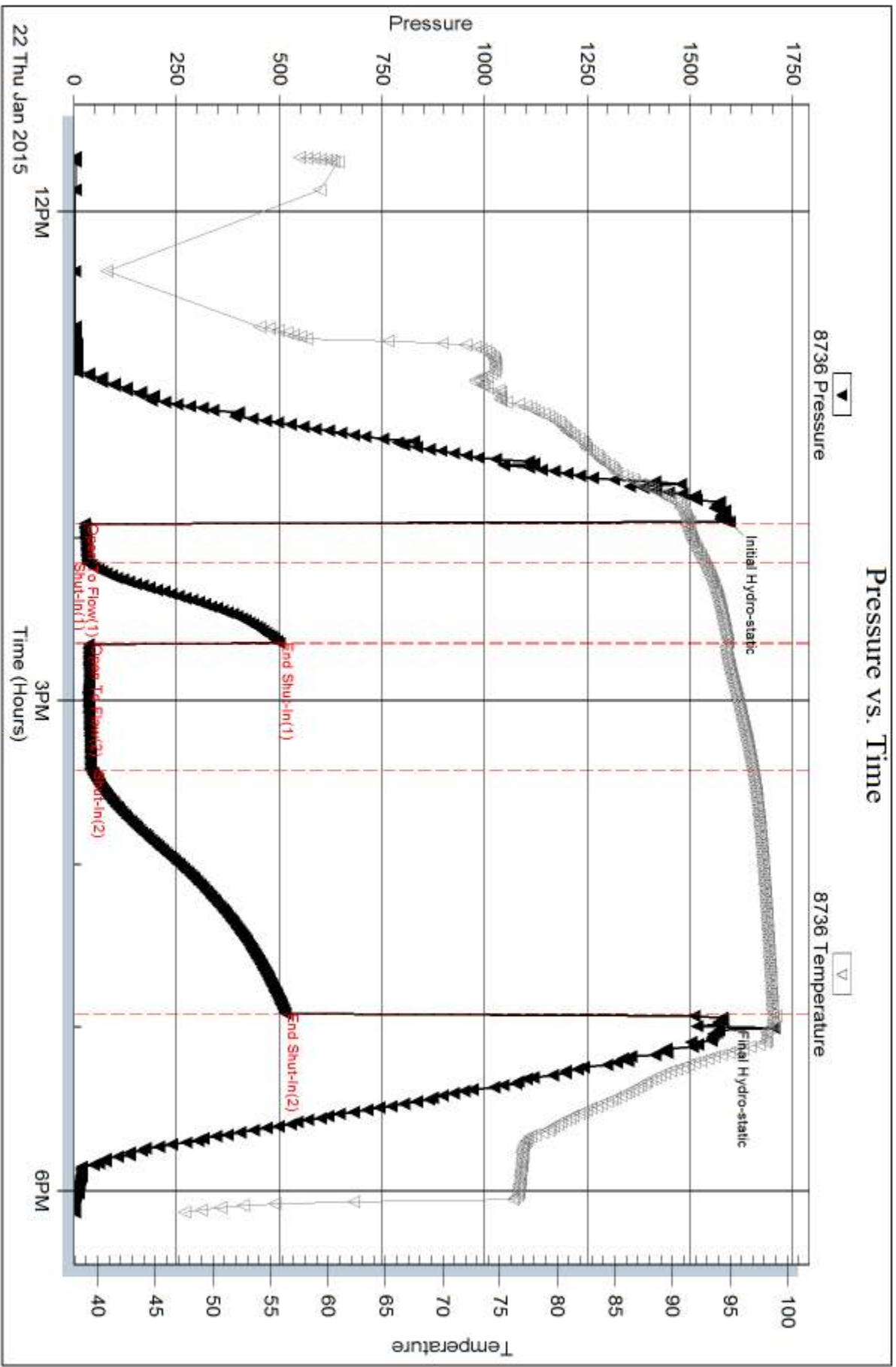
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



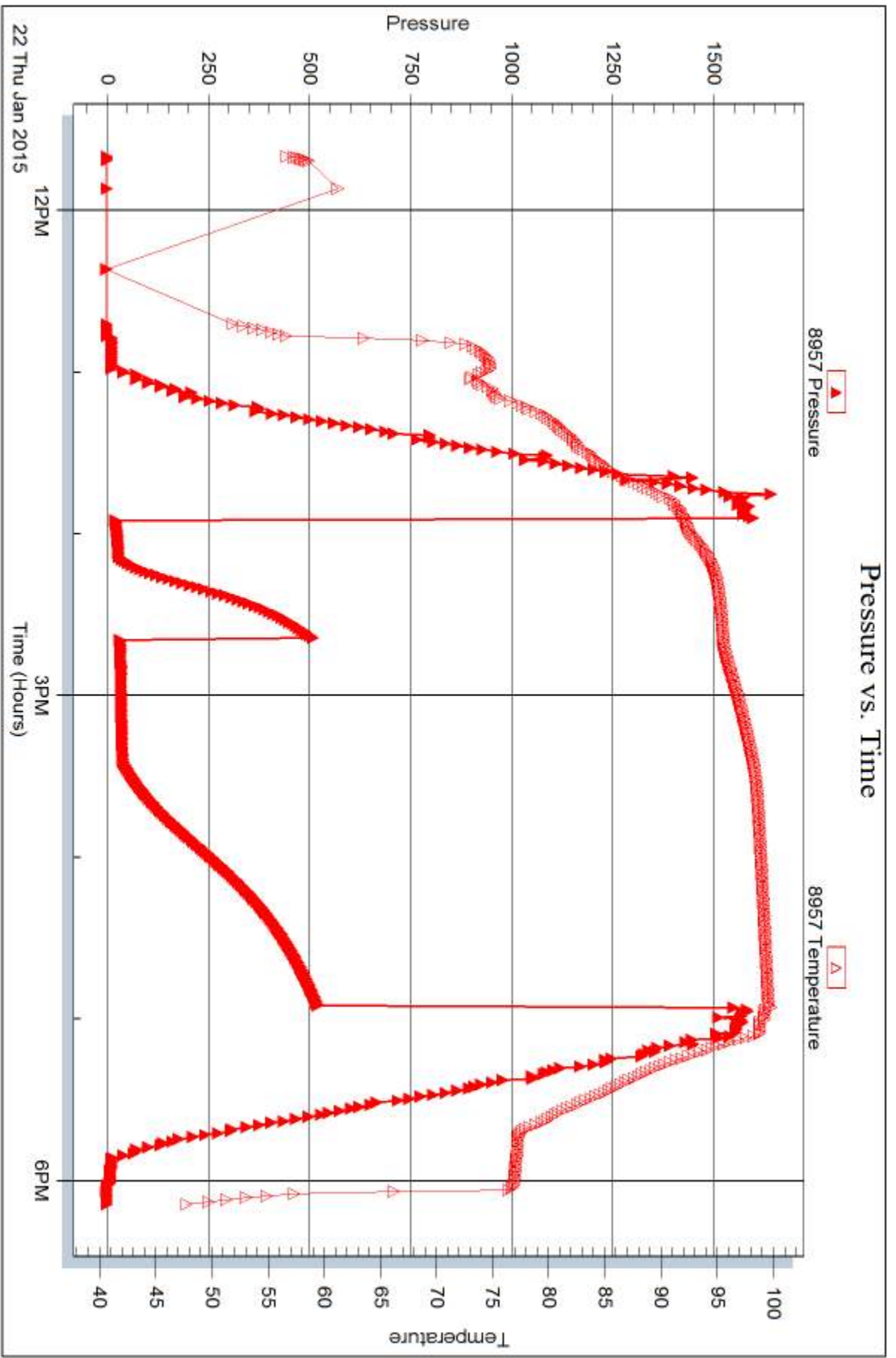
Serial #: 8957

Inside

Coral Production Corp.

Griebel #16-3

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 53840

Printed: 2015.01.25 @ 18:02:46



DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Stout ST STE 1500
Denver CO 80202

ATTN: Tim Lauer

Griebel #16-3

16-7s-19w Rooks,KS

Start Date: 2015.01.23 @ 03:55:00

End Date: 2015.01.23 @ 10:41:45

Job Ticket #: 53841 DST #: 4

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

Printed: 2015.01.25 @ 18:01:57



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Coral Production Corp.

16-7s-19w Rooks, KS

1600 Stout ST STE 1500
Denver CO 80202

Griebel #16-3

Job Ticket: 53841

DST#: 4

ATTN: Tim Lauer

Test Start: 2015.01.23 @ 03:55:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:50:30

Time Test Ended: 10:41:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Brett Dickinson

Unit No: 81

Interval: 3386.00 ft (KB) To 3408.00 ft (KB) (TVD)

Reference Elevations: 1933.00 ft (KB)

Total Depth: 3408.00 ft (KB) (TVD)

1926.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8736 Outside

Press@RunDepth: 17.62 psig @ 3387.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.01.23

End Date: 2015.01.23

Last Calib.: 2015.01.23

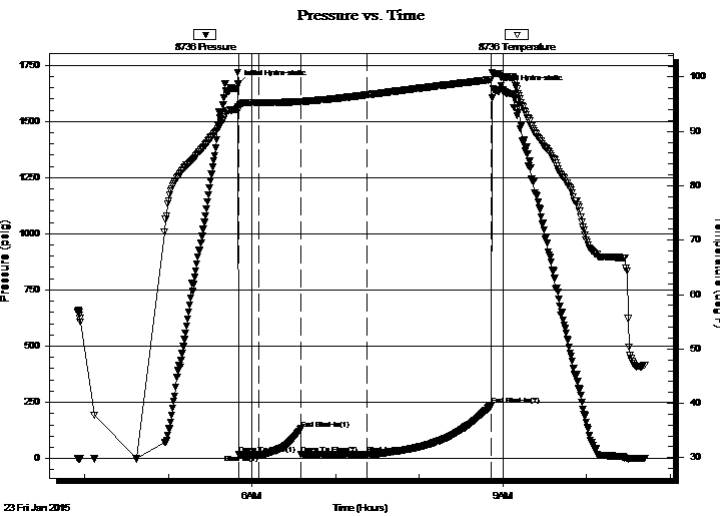
Start Time: 03:55:05

End Time: 10:41:44

Time On Btm: 2015.01.23 @ 05:50:00

Time Off Btm: 2015.01.23 @ 08:54:00

TEST COMMENT: IF-1" blow
IS-No blow
FF-Weak surface blow
FS-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1665.55	94.44	Initial Hydro-static
1	18.25	94.03	Open To Flow (1)
15	17.39	95.29	Shut-In(1)
45	132.03	95.52	End Shut-In(1)
46	18.82	95.47	Open To Flow (2)
93	17.62	96.71	Shut-In(2)
182	236.40	99.52	End Shut-In(2)
184	1639.34	100.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.50	Free Oil	0.00
1.50	SOCM 10%O 90%M	0.01

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Coral Production Corp.
 1600 Stout ST STE 1500
 Denver CO 80202
 ATTN: Tim Lauer

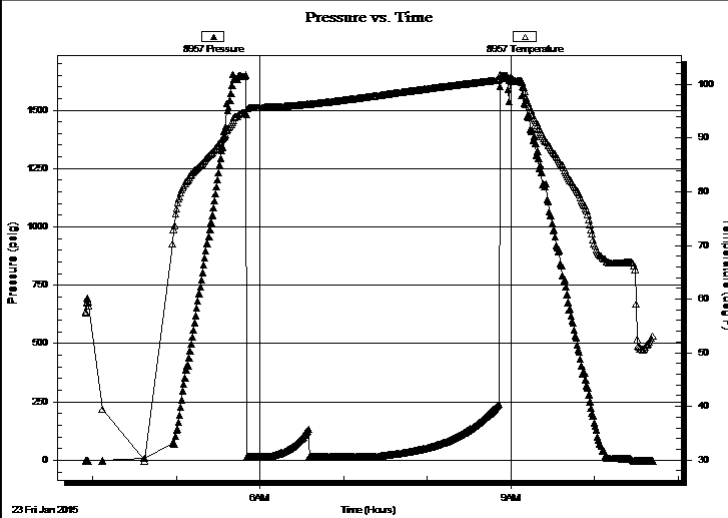
16-7s-19w Rooks, KS
Griebel #16-3
 Job Ticket: 53841 **DST#: 4**
 Test Start: 2015.01.23 @ 03:55:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 05:50:30 Tester: Brett Dickinson
 Time Test Ended: 10:41:45 Unit No: 81
 Interval: **3386.00 ft (KB) To 3408.00 ft (KB) (TVD)** Reference Elevations: 1933.00 ft (KB)
 Total Depth: 3408.00 ft (KB) (TVD) 1926.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 7.00 ft

Serial #: 8957 Inside
 Press@RunDepth: psig @ 3387.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.01.23 End Date: 2015.01.23 Last Calib.: 2015.01.23
 Start Time: 03:55:05 End Time: 10:41:59 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF-1" blow
 IS-No blow
 FF-Weak surface blow
 FS-No blow



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

Recovery		
Length (ft)	Description	Volume (bbl)
0.50	Free Oil	0.00
1.50	SOCM 10%O 90%M	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

Coral Production Corp.

16-7s-19w Rooks,KS

1600 Stout ST STE 1500
Denver CO 80202

Griebel #16-3

Job Ticket: 53841

DST#: 4

ATTN: Tim Lauer

Test Start: 2015.01.23 @ 03:55:00

Tool Information

Drill Pipe:	Length: 3070.00 ft	Diameter: 3.80 inches	Volume: 43.06 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 310.00 ft	Diameter: 2.70 inches	Volume: 2.20 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: 50000.00 lb
			<u>Total Volume: 45.26 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3386.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 ft			
Tool Length:	42.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3371.00	
Hydraulic tool	5.00			3376.00	
Packer	5.00			3381.00	20.00 Bottom Of Top Packer
Packer	5.00			3386.00	
Packer - Shale	0.00			3386.00	
Stubb	1.00			3387.00	
Recorder	0.00	8957	Inside	3387.00	
Recorder	0.00	8736	Outside	3387.00	
Perforations	18.00			3405.00	
Bullnose	3.00			3408.00	22.00 Bottom Packers & Anchor
Total Tool Length:	42.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corp.

16-7s-19w Rooks,KS

1600 Stout ST STE 1500
Denver CO 80202

Griebel #16-3

Job Ticket: 53841

DST#: 4

ATTN: Tim Lauer

Test Start: 2015.01.23 @ 03:55:00

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 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 bbl
0.50	Free Oil	0.004
1.50	SOCM 10%O 90%M	0.011

Total Length: 2.00 ft Total Volume: 0.015 bbl

Num Fluid Samples: 0

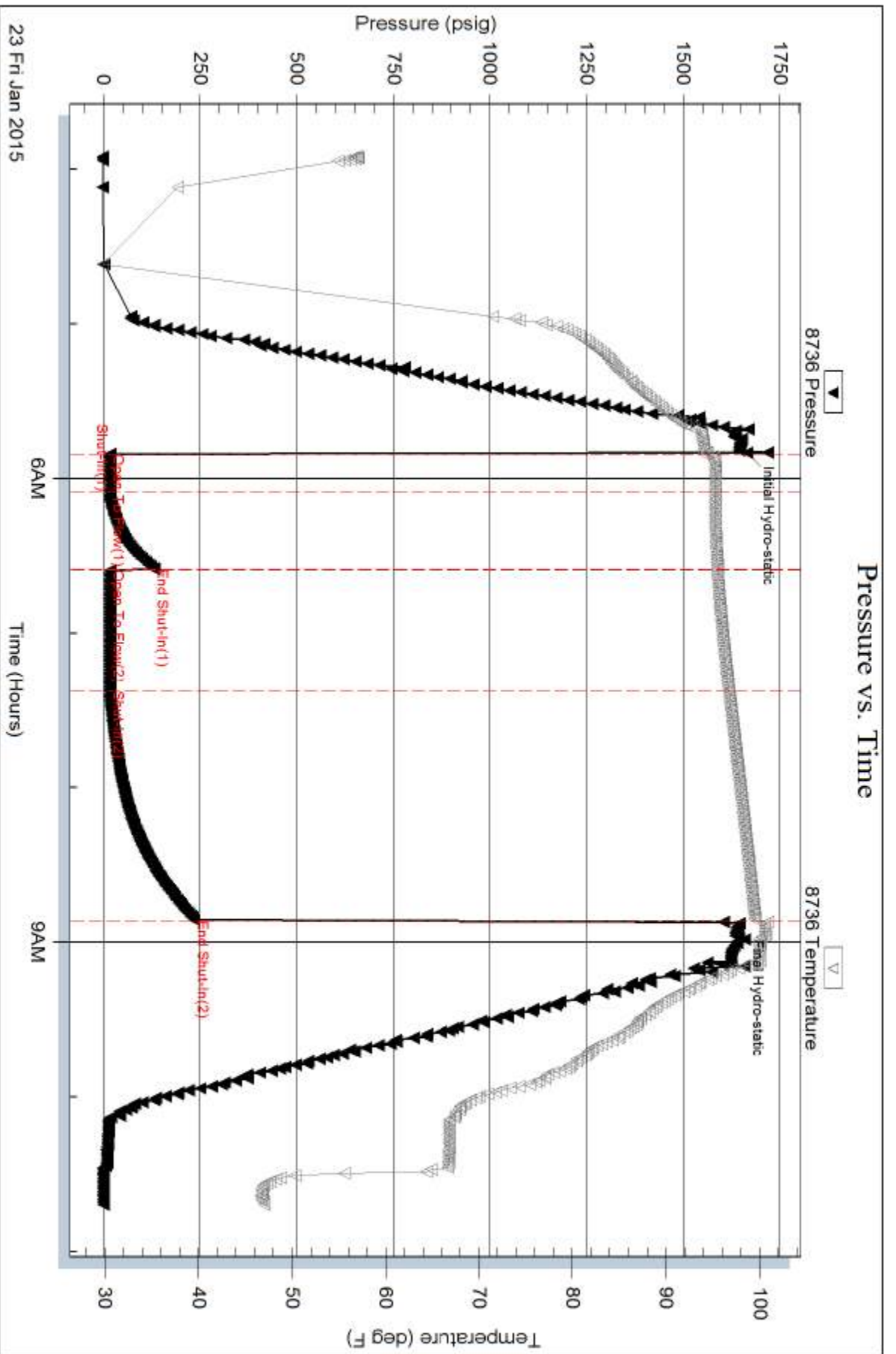
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



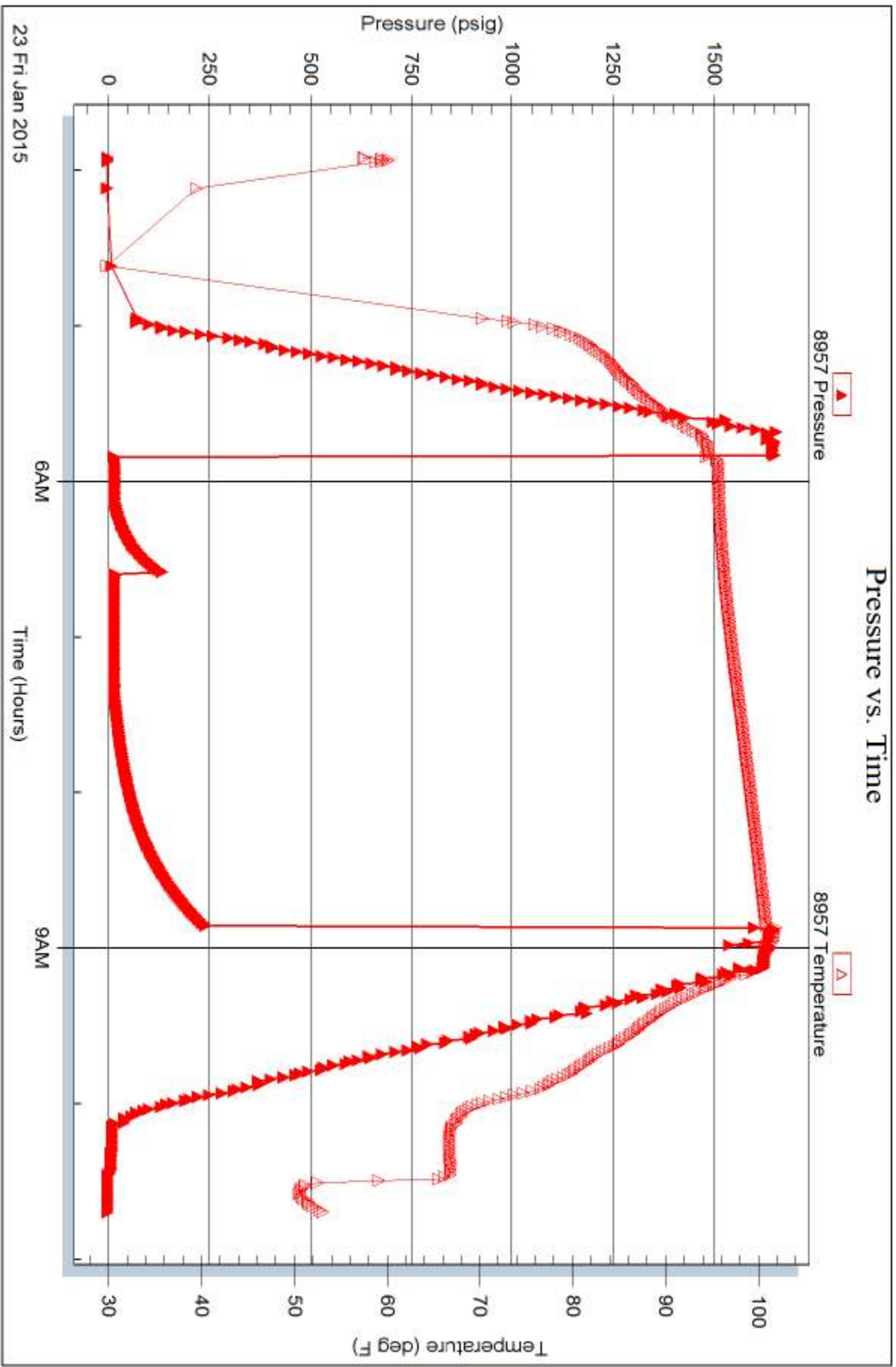
Serial #: 8957

Inside

Coral Production Corp.

Griebe#16-3

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 53841

Printed: 2015.01.25 @ 18:01:58



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 53838

Well Name & No. Griebel #16-3 Test No. 1 Date 1-20-15
 Company Coral Production Corporation Elevation 1933 KB 1925 GL
 Address 1600 Stout St STE 1500 Denver CO 80202
 Co. Rep / Geo. _____ Rig Discovery #2
 Location: Sec. 16 Twp. 7 Rge. 19 Co. Rooks State KS

Interval Tested 3062 - 3080 Zone Tested Oread
 Anchor Length 18 Drill Pipe Run _____ Mud Wt. 8.8
 Top Packer Depth 3057 Drill Collars Run - Vis 52
 Bottom Packer Depth 3062 Wt. Pipe Run 310 WL 8.0
 Total Depth 3080 Chlorides 1800 ppm System LCM 2#

Blow Description IF - 3/4 in blow
ISF - No blow
FF - 1/2 in blow
FSF - No blow

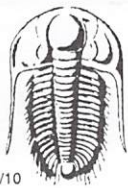
Rec	Feet of	%gas	%oil	%water	%mud
<u>65</u>	<u>MCW</u>			<u>80</u>	<u>20</u>
____	____	____	____	____	____
____	____	____	____	____	____
____	____	____	____	____	____

Rec Total 65 BHT 96 Gravity _____ API RW .5 @ 40 ° F Chlorides 25,000 ppm

(A) Initial Hydrostatic 1,466 Test 1050 T-On Location 19:30
 (B) First Initial Flow 26 Jars _____ T-Started 19:35
 (C) First Final Flow 29 Safety Joint _____ T-Open 22:05
 (D) Initial Shut-In 880 Circ Sub _____ T-Pulled 1:05
 (E) Second Initial Flow 32 Hourly Standby _____ T-Out 2:30
 (F) Second Final Flow 45 Mileage 108 108 Comments _____
 (G) Final Shut-In 890 Sampler _____
 (H) Final Hydrostatic 1,402 Straddle _____
 Shale Packer 250 Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1408
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1408

Approved By _____ Our Representative Butt Durr

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. 53839

4/10

Well Name & No. Griebel #16-3 Test No. 2 Date 1-21-15
 Company Coral Production Corporation Elevation 1933 KB 1925 GL
 Address 1600 Stout St Ste 1500 Denver CO 80202
 Co. Rep / Geo. Tim L Rig Discovery #2
 Location: Sec. 16 Twp. 7 Rge. 19 Co. Rooks State KS

Interval Tested 3120-3224 Zone Tested Top - F
 Anchor Length 104 Drill Pipe Run _____ Mud Wt. _____
 Top Packer Depth 3115 Drill Collars Run _____ Vis _____
 Bottom Packer Depth 3120 Wt. Pipe Run 310 WL _____
 Total Depth 3224 Chlorides _____ ppm System LCM _____
 Blow Description IF - 1 in blow
ISI - No blow
FF - weak surface blow
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>Mud</u>				
____	____				
____	____				
____	____				
____	____				

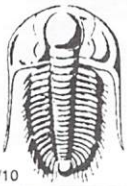
Rec Total 15 BHT 94 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1,496 Test 1050 T-On Location 15:35
 (B) First Initial Flow 23 Jars _____ T-Started 15:40
 (C) First Final Flow 20 Safety Joint _____ T-Open 17:55
 (D) Initial Shut-In 644 Circ Sub _____ T-Pulled 20:25
 (E) Second Initial Flow 25 Hourly Standby _____ T-Out 21:50
 (F) Second Final Flow 24 Mileage 108 Comments _____
 (G) Final Shut-In 657 Sampler _____
 (H) Final Hydrostatic 1,485 Straddle _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____

Initial Open 15 Shale Packer 250
 Initial Shut-In 30 Extra Packer _____
 Final Flow 45 Extra Recorder _____ Sub Total 0
 Final Shut-In 60 Day Standby _____ Total 1408
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1408

Approved By _____ Our Representative Burt

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. 53840

4/10

Well Name & No. Griebel # 16-3 Test No. 3 Date 1-22-15
 Company Coral Production Corp. Elevation 1933 KB 1925 GL
 Address _____
 Co. Rep / Geo. Tim L Rig Discovery #2
 Location: Sec. 16 Twp. 7 Rge. 19 Co. Reeks State KS

Interval Tested 3246-3355 Zone Tested KC¹¹H-L
 Anchor Length 109 Drill Pipe Run _____ Mud Wt. _____
 Top Packer Depth 3241 Drill Collars Run — Vis _____
 Bottom Packer Depth 3246 Wt. Pipe Run 310 WL _____
 Total Depth 3355 Chlorides _____ ppm System LCM _____

Blow Description FF 2in blow
FSI - No blow
FF - 1in blow
FSI - No blow

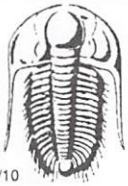
Rec	Feet of	%gas	%oil	%water	%mud
<u>55</u>	<u>Mud</u>				
_____	_____				
_____	_____				
_____	_____				

Rec Total 55 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1,597 Test 1050 T-On Location 11:15
 (B) First Initial Flow 26 Jars _____ T-Started 11:40
 (C) First Final Flow 39 Safety Joint _____ T-Open 13:55
 (D) Initial Shut-In 500 Circ Sub _____ T-Pulled 18:55
 (E) Second Initial Flow 36 Hourly Standby _____ T-Out 18:10
 (F) Second Final Flow 42 Mileage 108 Comments _____
 (G) Final Shut-In 514 Sampler _____
 (H) Final Hydrostatic 1,578 Straddle _____
 Shale Packer 250 Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Day Standby _____ Sub Total 0
 Accessibility _____ Total 1408
 Sub Total 1408 MP/DST Disc't _____

Approved By _____ Our Representative Butt D...

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. 53841

Well Name & No. Griebel #16-3 Test No. 4 Date 1-23-15
 Company Coral Production Corp. Elevation 1933 KB 1925 GL
 Address _____
 Co. Rep / Geo. Tim L Rig Discovery #2
 Location: Sec. 16 Twp. 7 Rge. 19 Co. Rooks State KS

Interval Tested 3386-3408 Zone Tested Arb.
 Anchor Length 22 Drill Pipe Run _____ Mud Wt. _____
 Top Packer Depth 3381 Drill Collars Run _____ Vis _____
 Bottom Packer Depth 3386 Wt. Pipe Run 310 WL _____
 Total Depth 3408 Chlorides _____ ppm System LCM _____
 Blow Description IF - lin blow
ISI - No blow
FF - weak surface blow
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>1/2</u>	<u>Free Oil</u>				
<u>1 1/2</u>	<u>SOCM</u>		<u>10</u>		<u>90</u>
_____	_____				
_____	_____				
_____	_____				

Rec Total 2 BHT 100 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1,666 Test 1050 T-On Location 3:30
 (B) First Initial Flow 18 Jars _____ T-Started 3:55
 (C) First Final Flow 17 Safety Joint _____ T-Open 5:45
 (D) Initial Shut-In 132 Circ Sub _____ T-Pulled 8:45
 (E) Second Initial Flow 19 Hourly Standby _____ T-Out 10:40
 (F) Second Final Flow 18 Mileage 108r7 X2 216 Comments Loaded Tools @ 15:30
 (G) Final Shut-In 236 Sampler _____
 (H) Final Hydrostatic 1,639 Straddle _____
 Shale Packer 250 Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Initial Open 15 Day Standby _____ Sub Total 0
 Initial Shut-In 30 Accessibility _____ Total 1482
 Final Flow 45 Sub Total 1482 MP/DST Disc't _____
 Final Shut-In 90

Approved By _____ Our Representative But Palmer
 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.



Discovery Drilling

P.O. Box 763 • Hays, KS 67601 • OFFICE (785) 623-2920 • CELLULAR (785) 635-1511

DRILLER'S LOG

Operator: Coral Production Corporation Lic# 32639 Contractor: **Discovery Drilling Co., Inc. LIC#31548**
1600 Stout Street, Suite 1500 PO Box 763
Denver, CO 80202 Hays, KS 67601

Lease: Griebel # 16-3 Location: 755 FNL - 1960 FWL
NE/SW/NE/NW
Section 16/ 7S/ 19W
Rooks County, KS

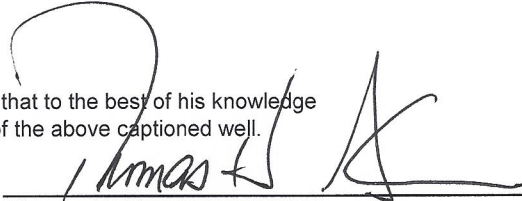
Loggers Total Depth: No Log API#15- 163-24,278-00-00
 Rotary Total Depth: 3425' Elevation: 1925 GI - 1933 KB
 Commenced: 1/17/2015 Completed: 1/23/2015
 Casing: 8 5/8" @ 305.09'W/180sks Status: D & A

DEPTHS & FORMATIONS (All from KB)

Surface, Sand & Shale	<u>0'</u>	Shale	<u>1412'</u>
Dakota Sand	<u>710'</u>	Shale & Lime	<u>1745'</u>
Shale	<u>806'</u>	Shale	<u>2126'</u>
Cedar Hill Sand	<u>908'</u>	Shale & Lime	<u>2587'</u>
Red Bed Shale	<u>1131'</u>	Lime & Shale	<u>3049'</u>
Anhydrite	<u>1410'</u>	RTD	<u>3425'</u>
Base Anhydrite	<u>1442'</u>		

STATE OF KANSAS)
) ss
 COUNTY OF ELLIS)

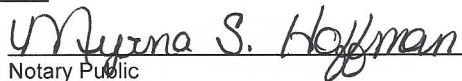
Thomas H. Alm of Discovery Drilling states that to the best of his knowledge the above and foregoing is a true and correct log of the above captioned well.

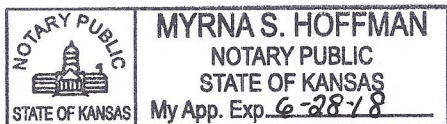

 Thomas H. Alm

Subscribed and sworn to before me on 1-27-15

My Commission expires: 6-28-18

(Place stamp or seal below)


 Notary Public



QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1202

Date	Sec.	Twp.	Range	County	State	On Location	Finish
1-23-15	16	7	19	ROOKS	KS		9:30 PM

Location 24 Hwy 209 rd 20 Bnto

Lease <u>Carmel</u>	Well No. <u>16-3</u>	Owner
Contractor <u>Discovery #2</u>		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Type Job <u>Rotary Plug</u>		Charge To <u>Coral Production</u>
Hole Size <u>7 7/8</u>	T.D. <u>3425</u>	Street
Csg. <u>4 1/2 X-H</u>	Depth	City
Tbg. Size	Depth	State
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.
Cement Left in Csg.	Shoe Joint	Cement Amount Ordered <u>305 60/40 4/602 1/4 FFO</u>

Meas Line	Displace	Common <u>183</u>	RECEIVED FEB 02 2015
EQUIPMENT		Poz. Mix <u>122</u>	
Pumptrk <u>20</u> No.	Cementer <u>Daig</u>	Driver <u>Wick</u>	Gel. <u>11</u>
Bulktrk No.	Driver	Driver	Calcium
Bulktrk <u>9</u> No.	Driver <u>Tutor</u>	Driver	CORAL PRODUCTION CORP.

JOB SERVICES & REMARKS			Hulls
Remarks:			Salt
Rat Hole <u>30SK</u>			Flowseal <u>76#</u>
Mouse Hole <u>15SK</u>			Kol-Seal
Centralizers			Mud CLR 48
Baskets			CFL-117 or CD110 CAF 38
D/V or Port Collar			Sand
<u>1st</u> <u>3368</u> <u>50SK</u>			Handling <u>316</u>
<u>2nd</u> <u>1430</u> <u>50SK</u>			Mileage
<u>3rd</u> <u>830</u> <u>100SK</u>			FLOAT EQUIPMENT
<u>4th</u> <u>300</u> <u>50SK</u>			Guide Shoe
<u>5th</u> <u>40'</u> <u>10SK</u>			Centralizer <u>8 5/8 Dry Hole Plug</u>
			Baskets
			AFU Inserts
			Float Shoe
			Latch Down
			Pumptrk Charge <u>plug</u>
			Mileage <u>48</u>

X Signature <u>[Signature]</u>	Tax
	Discount
	Total Charge

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

1121

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No.

Date	1-18-15	Sec.	16	Twp.	7	Range	19	County	Rooks	State	Ks	On Location		Finish	1:30 AM
------	---------	------	----	------	---	-------	----	--------	-------	-------	----	-------------	--	--------	---------

Lease	Griebel	Well No.	16-3	Location	Webster Dam + Hwy 24 - w to 9 th Rd, N to J Rd										
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Contractor	Discovery	2	Owner	3/4" N to Tanks, E into .5 along fence line												
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Type Job	Surface	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.													
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Hole Size	12 7/8"	T.D.	306'	Charge To	Coral Production										
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Csg.	8 5/8"	Depth	305'	Street											
------	--------	-------	------	--------	--	--	--	--	--	--	--	--	--	--	--

Tbg. Size		Depth		City	State										
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Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.											
------	--	-------	--	--	--	--	--	--	--	--	--	--	--	--	--

Cement Left in Csg.	15'	Shoe Joint	15'	Cement Amount Ordered	180 8 0/20 3% CC 2% Gel										
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Meas Line		Displace	18 1/2 BLS	Common	143										
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Pumptrk	16	No.	Cementer	18 1/2 BLS											
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			Helper	Billy											
--	--	--	--------	-------	--	--	--	--	--	--	--	--	--	--	--

Bulktrk	15	No.	Driver	Tylor											
---------	----	-----	--------	-------	--	--	--	--	--	--	--	--	--	--	--

			Driver	Rick											
--	--	--	--------	------	--	--	--	--	--	--	--	--	--	--	--

Bulktrk	pa	No.	Driver												
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JOB SERVICES & REMARKS				Hulls											
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Remarks	Cement did Circulate			Salt											
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Rat Hole	Flowseal													
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Mouse Hole	Kol-Seal													
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Centralizers	Mud CLR 48													
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Baskets	CFL-117 or CD110 CAF 38													
---------	-------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--

D/V or Port Collar	Sand													
--------------------	------	--	--	--	--	--	--	--	--	--	--	--	--	--

	Handling 190												
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	Mileage													
--	---------	--	--	--	--	--	--	--	--	--	--	--	--	--

FLOAT EQUIPMENT

	Guide Shoe													
--	------------	--	--	--	--	--	--	--	--	--	--	--	--	--

	Centralizer													
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	Baskets													
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	AFU Inserts													
--	-------------	--	--	--	--	--	--	--	--	--	--	--	--	--

	Float Shoe													
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	Latch Down													
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	Pumptrk Charge Surface													
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	Mileage 48													
--	------------	--	--	--	--	--	--	--	--	--	--	--	--	--

	Tax													
--	-----	--	--	--	--	--	--	--	--	--	--	--	--	--

	Discount													
--	----------	--	--	--	--	--	--	--	--	--	--	--	--	--

	Total Charge													
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X Signature														
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Tim J. Lauer

Petroleum Geologist

Office 316.832.0530
Cell 316.253.1275

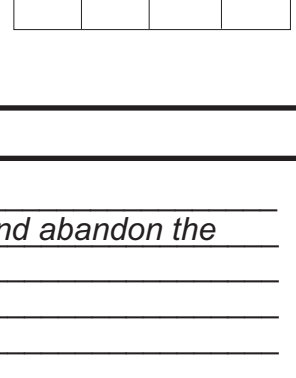
GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY Coral Production Corporation
LEASE #16-3 Griebel
FIELD _____
LOCATION 755' FNL, 1960' FWL, NW/4
SEC 16 TWSP 7s RGE 19w
COUNTY Rooks STATE Kansas
CONTRACTOR Discovery Drilling Rig #2
SPUD 1-17-2015 COMP 1-23-2015
RTD 3425' LTD NA
MUD UP 2650' TYPE MUD Chemical
SAMPLES SAVED FROM 2800' TO RTD
DRILLING TIME KEPT FROM 2800' TO RTD
SAMPLES EXAMINED FROM 2800' TO RTD
GEOLOGICAL SUPERVISION FROM 2850' to RTD
GEOLOGIST ON WELL Tim J. Lauer

ELEVATIONS
KB 1933'
DF _____
GL 1925'
Measurements Are All From Kelly Bushing
CASING
CONDUCTOR _____
SURFACE 8-5/8" @ 305'
PRODUCTION none
ELECTRICAL SURVEYS
none

FORMATION TOPS	ELECTRIC LOG	SAMPLE LOG
Anhydrite		1409 (+524)
Topeka		2889 (-956)
Heebner		3089 (-1156)
Toronto		3114 (-1181)
Lansing		3132 (-1199)
Base Ks. City		3351 (-1418)
Arbuckle		3388 (-1455)
Total Depth		3425 (-1492)



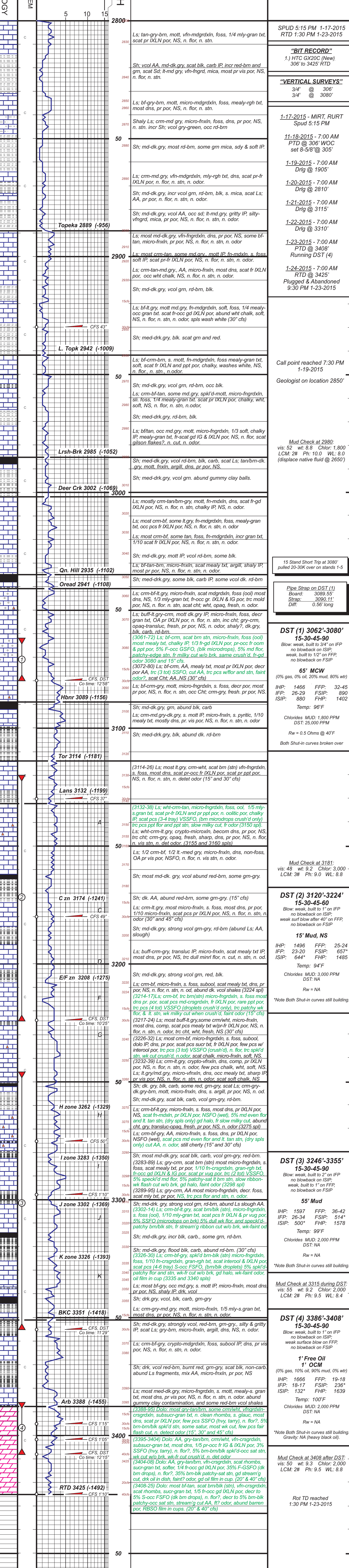
ELEVATIONS
KB 1933'
GL 1925'

COMPANY & WELL Coral Prod Corp #16-3 Griebel
LOCATION 755' FNL, 1960' FWL, NW/4
SEC 16 TWSP 7s RGE 19w
COUNTY Rooks STATE Kansas

REMARKS
Due to DST results and structural position, operator elected plug and abandon the well without further testing the location.

Respectfully submitted,
Tim J. Lauer
Tim J. Lauer
1-24-2015

LEGEND



COMPANY & WELL Coral Prod Corp #16-3 Griebel
LOCATION 755' FNL, 1960' FWL, NW/4
SEC 16 TWSP 7s RGE 19w
COUNTY Rooks STATE Kansas

ELEVATIONS
KB 1933'
GL 1925'

