



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1190977  
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: \_\_\_\_\_

1190977

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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 <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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# ALLIED OIL & GAS SERVICES, LLC 055018

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: Russell KS

Keiswetter

DATE 1.21.14	SEC 16	TWP 7	RANGE 7E	CALLED OUT	ON LOCATION	JOB START 7:30 AM	JOB FINISH 8:00 AM
LEASE Keiswetter	WELL# 16-1	LOCATION Station, KS				COUNTY Rocks	STATE KS
OLD OR NEW (Circle one)	2 West W Rd 16 1n 1/2 W						South info

CONTRACTOR <u>Maverick #102</u>	OWNER
TYPE OF JOB <u>SURFACE - Conductor</u>	CEMENT
HOLE SIZE <u>T.D.</u>	AMOUNT ORDERED <u>150 SK Cem</u>
CASING SIZE <u>13 3/8 89B</u>	<u>3 1/2 cc 2 1/2 gpd</u>
TUBING SIZE <u>DEPTH</u>	
DRILL PIPE <u>DEPTH</u>	
TOOL <u>DEPTH</u>	
PRES. MAX <u>MINIMUM</u>	COMMON <u>150 SK @ 17.9 \$2,685.00</u>
MEAS. LINE <u>SHOE JOINT 15'</u>	POZMIX @
CEMENT LEFT IN CSG. <u>15'</u>	GEL <u>3 SK @ 23.4 \$70.20</u>
PERFS.	CHLORIDE <u>5 SK @ 64.0 \$320.00</u>
DISPLACEMENT <u>71.13 <sup>40</sup> A20</u>	ASC @

EQUIPMENT

PUMP TRUCK CEMENTER <u>Andy P.</u>
# <u>417</u> HELPER <u>Jimmy S</u>
BULK TRUCK
# <u>378</u> DRIVER <u>Kevin R</u>
BULK TRUCK
# DRIVER

HANDLING <u>162.09 Ft @ 2.48</u>	<u>\$401.99</u>
MILEAGE <u>333.7m @ 2.60</u>	<u>\$865.62</u>
TOTAL <u>\$1,267.61</u>	

REMARKS:

See Cementing Job Log!  
Cement to Surface

### SERVICE

DEPTH OF JOB <u>92.90'</u>	
PUMP TRUCK CHARGE <u>\$1,512.25</u>	
EXTRA FOOTAGE @	
MILEAGE <u>Already 45m @ 7.7</u>	<u>\$693.00</u>
MANIFOLD <u>high 45m @ 4.4</u>	<u>\$198.00</u>

TOTAL \$2,403.25

CHARGE TO: Coral Production  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

### PLUG & FLOAT EQUIPMENT

_____ @ _____
_____ @ _____
_____ @ _____
_____ @ _____
_____ @ _____
TOTAL _____

To: Allied Oil & Gas Services, LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____
TOTAL CHARGES <u>\$1,746.24</u>
DISCOUNT <u>\$1,686.56</u> IF PAID IN 30 DAYS
Net <u>5059.68</u>

PRINTED NAME \_\_\_\_\_  
SIGNATURE [Signature]

201000

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

No. 7696

785-483-2025

785-324-1041

ate 1-31-14	Sec. 16	Twp. 7	Range 16	County Rooks	State KS	On Location	Finish 6:45AM
Lease Keiswetter				Well No. 16-1		Owner	
Contractor Maverick				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 long string				Charge To Coral Production			
Hole Size 7 7/8		T.D. 3373		Street			
Csg. 5 1/2 15.5 #		Depth 3353		City State			
Tbg. Size		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Tool		Depth		Cement Amount Ordered 200sx com, 10% salt, 5% gilsonite			
Cement Left in Csg.		Shoe Joint 30		Meas Line Displace 79 bbl			
EQUIPMENT				Common 200			
Pumptrk 17	No.	Cementer Helper Nick		Poz. Mix			
Bulktrk 1	No.	Driver Chad		Gel.			
Bulktrk PH	No.	Driver Travis		Calcium			
JOB SERVICES & REMARKS				Hulls			
Remarks:				Salt 17			
Rat Hole 30sx				Flowseal			
Mouse Hole				Kol-Seal 1000 #			
Centralizers 1,2,4,6,7,9,11				Mud CLR 48 .500 gal			
Baskets 4,9				CFL-117 or CD110 CAF 38			
D/V or Port Collar				Sand			
Pipe on bottom broke circulation pump 500 gal Mud CLR 48 with 10 bbl fu behind it. Plugged Rat hole with 30 sx. Hooked to 5 1/2 Mixed 170 sx shut down washed pump and lines. Released plug and displaced with 79 bbl fu. Plug landed and held.				Handling 227			
lift pressure 800 psi				Mileage			
Plug landed at 1500 psi				FLOAT EQUIPMENT			
				Guide Shoe			
				Centralizer			
				Baskets 7 turbos, 2			
				AFU Inserts			
				Float Shoe			
				Latch Down			
				Pumptrk Charge prod string			
				Mileage 41			
Signature <i>J. Barlow</i>				Tax			
				Discount			
				Total Charge			

# ALLIED OIL & GAS SERVICES, LLC 054968

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell KS

DATE <u>1-23-14</u>	SEC. <u>16</u>	TWP. <u>7</u>	RANGE <u>18</u>	CALLED OUT	ON LOCATION	JOB START <u>11:30 pm</u>	JOB FINISH <u>12:30 am</u>
KEISWETTER LEASE	WELL # <u>16-1</u>	LOCATION <u>Stockton KS 2 W 1 W</u>				COUNTY <u>Rooks</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)			<u>1/2 W Sinton</u>				

CONTRACTOR Maurice 102  
 TYPE OF JOB long surface  
 HOLE SIZE 12 1/4 T.D. 1359  
 CASING SIZE 8 7/8 23 DEPTH 1359  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOEJOINT 15  
 CEMENT LEFT IN CSG. 15  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 85 1/2 bbl

OWNER \_\_\_\_\_  
 CEMENT AMOUNT ORDERED 475 60/40 37acc 27agel

COMMON <u>2.85</u>	@ <u>17.96</u>	<u>5101.50</u>
POZMIX <u>1.90</u>	@ <u>9.35</u>	<u>1776.50</u>
GEL <u>8.17</u>	@ <u>23.40</u>	<u>191.18</u>
CHLORIDE <u>16</u>	@ <u>64.00</u>	<u>1024.00</u>
ASC	@	
	@	
	@	
	@	
wait hours <u>2.5</u>	@ <u>440</u>	<u>1100.00</u>
	@	
	@	
HANDLING <u>321.31 f/s</u>	@ <u>2.48</u>	<u>796.85</u>
MILEAGE <u>649.96 +/m</u>	@ <u>2.60</u>	<u>1689.87</u>
		<u>TOTAL 11079.92</u>

EQUIPMENT  
 PUMP TRUCK CEMENTER Robert Y  
 # 409 HELPER Kevin R  
 BULK TRUCK  
 # 481 DRIVER Jesse C  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:

see log

Cement did circulate to surface  
Thank you!

CHARGE TO: Coral Production  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

## SERVICE

DEPTH OF JOB _____	<u>1359</u>	
PUMP TRUCK CHARGE _____	<u>2213.75</u>	
EXTRA FOOTAGE _____	@	
MILEAGE <u>45 HWY MI x 2</u>	@ <u>7.20</u>	<u>693.00</u>
MANIFOLD _____	@ <u>275.00</u>	<u>275.00</u>
<u>45 LVMI</u>	@ <u>4.40</u>	<u>198.00</u>
		<u>TOTAL 3379.25</u>

## PLUG & FLOAT EQUIPMENT

<u>8 7/8 Rubber plug</u>	@ <u>76.25</u>	<u>76.25</u>
	@	
	@	
	@	
		<u>TOTAL 76.25</u>

To: Allied Oil & Gas Services, LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES 15135.92  
 DISCOUNT 3764.92 IF PAID IN 30 DAYS

PRINTED NAME Cecil E. Farmer  
 SIGNATURE Cecil E. Farmer

net \$ 11371.00

# 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	#16-1 Keiswetter Trust		
FIELD			
LOCATION	2047' FNL, 1633' FWL of Section		
SEC	16	TWSP	7s RGE 18w
COUNTY	Rooks	STATE	Kansas
CONTRACTOR	Maverick Drilling Rig #102		
SPUD	1-20-2014	COMP	1-30-2014
RTD	3373'	LTD	3376'
MUD UP	2600'	TYPE MUD	Chemical
SAMPLES SAVED FROM	2750' TO RTD		
DRILLING TIME KEPT FROM	2750' TO RTD		
SAMPLES EXAMINED FROM	2750' TO RTD		
GEOLOGICAL SUPERVISION FROM	2880' TO RTD		
GEOLOGIST ON WELL	Tim J. Lauer		

### ELEVATIONS

KB 1863'

DF \_\_\_\_\_

GL 1856'

Measurements Are All From Kelly Bushing

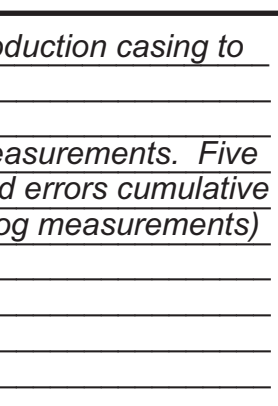
### CASING

CONDUCTOR 13-3/8" @ 95'  
SURFACE 8-5/8" @ 1359'  
PRODUCTION 5-1/2" @ 3353'

### ELECTRICAL SURVEYS

Nabors: DIL, DPL, ML  
(Engr: Mitch Rupp)

FORMATION TOPS	ELECTRIC LOG	SAMPLE LOG
Anhydrite	1354 (+509)	1349 (+514)
Topeka	2811 (-948)	2810 (-947)
Heebner	3016 (-1153)	3016 (-1153)
Toronto	3038 (-1175)	3037 (-1174)
Lansing	3054 (-1191)	3053 (-1190)
Base Ks. City	3283 (-1420)	3281 (-1418)
Arbuckle	3365 (-1502)	3362 (-1499)
Total Depth	3376 (-1513)	3373 (-1510)



REMARKS Due to DST results and log calculations, operator elected to run production casing to further test the location.

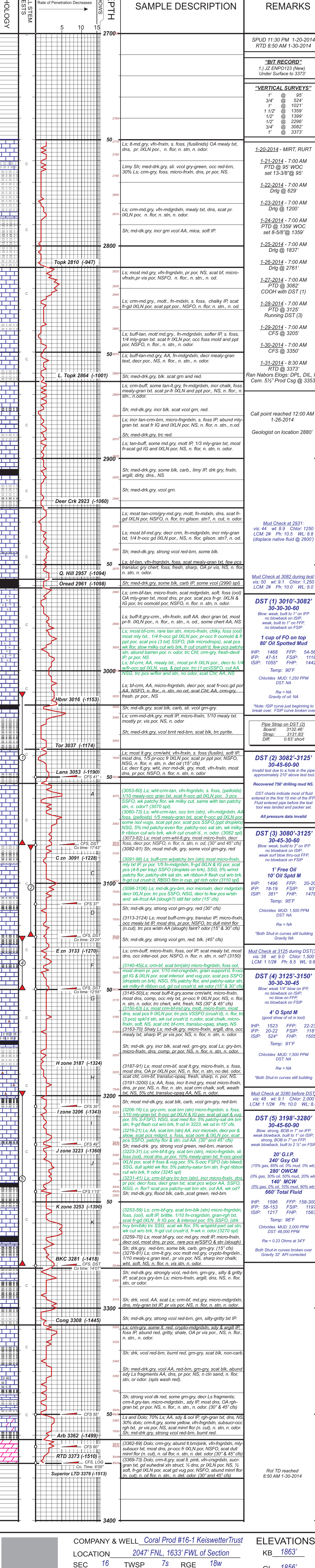
(Note: Log measurements below 3125 appear 3' deep to Rotary measurements. Five joints laid down due to washing at multiple connections. Total Board errors cumulative effect added 3 feet to Rotary measurements below this point. Use log measurements)

Respectfully submitted,

*Tim J. Lauer*  
Tim J. Lauer  
1-31-2014

### LEGEND

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COMPANY & WELL Coral Prod #16-1 Keiswetter Trust ELEVATIONS KB 1863'

LOCATION 2047' FNL, 1633' FWL of Section

SEC 16 TWSP 7s RGE 18w COUNTY Rooks STATE Kansas

GL 1856'

Chart for DST (1) Toronto, Lans A and B zones

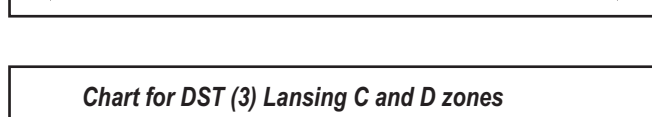


Chart for DST (2) Lansing C and D zones

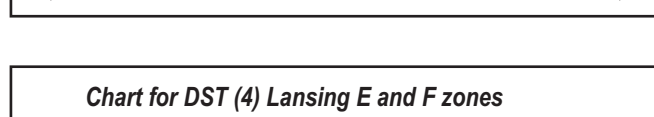


Chart for DST (3) Lansing A and D zones

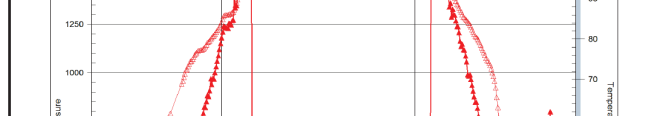


Chart for DST (4) Lansing E and F zones

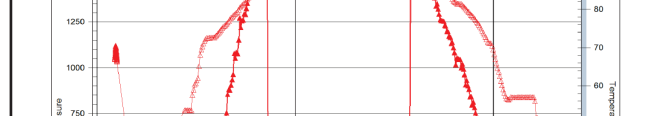
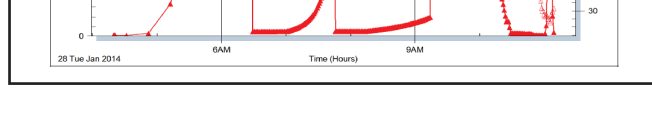


Chart for DST (5) Lansing I, J, K and L zones





## DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Stout St. Ste. 1500  
Denver, CO 80202

ATTN: Tim Lauer

### **16-7s-18w Rooks,KS**

#### **Keiswetter Trust #16-1**

Start Date: 2014.01.26 @ 23:29:34

End Date: 2014.01.27 @ 09:35:04

Job Ticket #: 54893                      DST #: 1

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

Printed: 2014.02.03 @ 14:56:43

Coral Production Corp.

Keiswetter Trust #16-1

16-7s-18w Rooks,KS

DST # 1

LKC A-B

2014.01.26





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Coral Production Corp.

**Keiswetter Trust #16-1**

1600 Stout St. Ste. 1500  
Denver, CO 80202

**16-7s-18w Rooks,KS**

ATTN: Tim Lauer

Job Ticket: 54893

**DST#: 1**

Test Start: 2014.01.26 @ 23:29:34

## GENERAL INFORMATION:

Formation: **LKC A-B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:05:34

Time Test Ended: 09:35:04

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan L

Unit No: 48

**Interval: 3010.00 ft (KB) To 3082.00 ft (KB) (TVD)**

Reference Elevations: 1863.00 ft (KB)

Total Depth: 3082.00 ft (KB) (TVD)

1856.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

**Serial #: 8372**

**Inside**

Press@RunDepth: 55.67 psig @ 3011.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.26

End Date:

2014.01.27

Last Calib.:

2014.01.27

Start Time: 23:29:35

End Time:

09:35:04

Time On Btm:

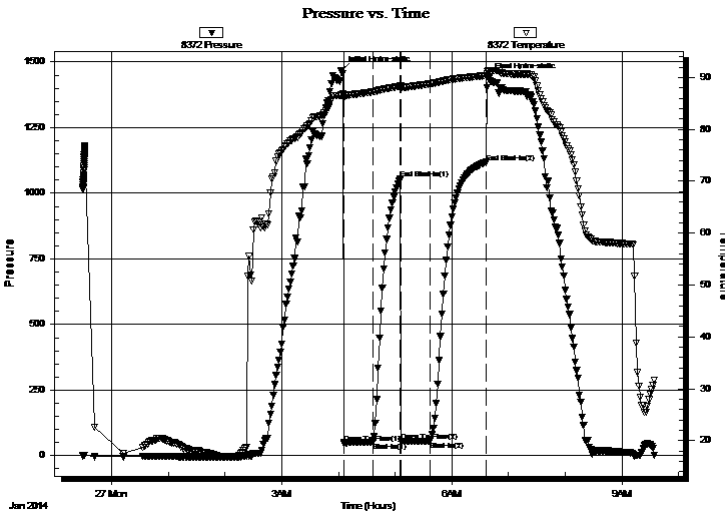
2014.01.27 @ 04:03:04

Time Off Btm:

2014.01.27 @ 06:38:04

**TEST COMMENT:** 30- IF- Slow ly built to 1"  
30- IS- No blow  
30- FF- Slow ly built to 1"  
60- FSI- No blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1467.95	86.57	Initial Hydro-static
3	47.03	85.96	Open To Flow (1)
33	50.99	87.22	Shut-In(1)
63	1055.11	88.32	End Shut-In(1)
64	53.88	88.06	Open To Flow (2)
94	55.67	88.77	Shut-In(2)
153	1118.14	90.36	End Shut-In(2)
155	1441.92	91.10	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
80.00	M w/ cup of free oil	1.09

## Gas Rates

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



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Coral Production Corp.

**Keiswetter Trust #16-1**

1600 Stout St. Ste. 1500  
Denver, CO 80202

**16-7s-18w Rooks,KS**

Job Ticket: 54893 **DST#: 1**

ATTN: Tim Lauer

Test Start: 2014.01.26 @ 23:29:34

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Tester: Brannan L

Unit No: 48

**Interval: 3010.00 ft (KB) To 3082.00 ft (KB) (TVD)**

Reference Elevations: 1863.00 ft (KB)

Total Depth: 3082.00 ft (KB) (TVD)

1856.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

**Serial #: 8321 Outside**

Press@RunDepth: psig @ 3011.00 ft (KB)

Start Date: 2014.01.26

End Date: 2014.01.27

Capacity: 8000.00 psig

Start Time: 23:29:35

End Time: 09:35:04

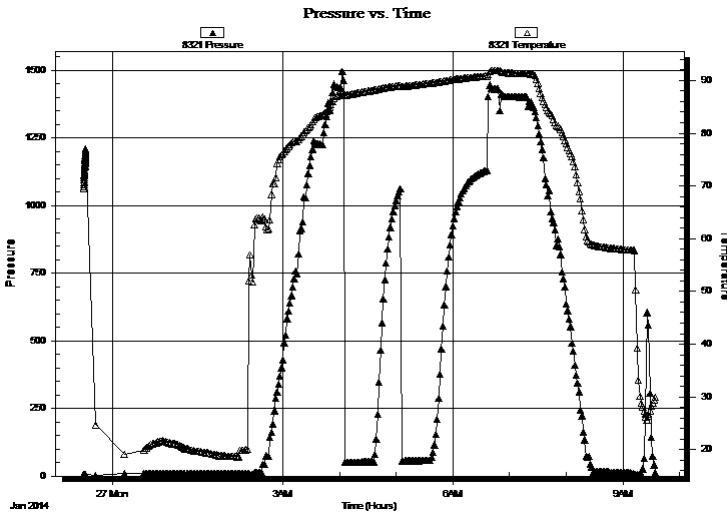
Last Calib.: 2014.01.27

Time On Btm:

Time Off Btm:

TEST COMMENT: 30- IF- Slow ly built to 1"  
30- IS- No blow  
30- FF- Slow ly built to 1"  
60- FS- No blow

## PRESSURE SUMMARY



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

## Recovery

Length (ft)	Description	Volume (bbl)
80.00	M w / cup of free oil	1.09

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Coral Production Corp.

**Keiswetter Trust #16-1**

1600 Stout St. Ste. 1500  
Denver, CO 80202

**16-7s-18w Rooks,KS**

Job Ticket: 54893

**DST#: 1**

ATTN: Tim Lauer

Test Start: 2014.01.26 @ 23:29:34

## Tool Information

Drill Pipe:	Length: 3008.00 ft	Diameter: 3.75 inches	Volume: 41.09 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 44000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3010.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	72.00 ft			
Tool Length:	92.00 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			2991.00	
Shut In Tool	5.00			2996.00	
Hydraulic tool	5.00			3001.00	
Packer	5.00			3006.00	20.00 Bottom Of Top Packer
Packer	4.00			3010.00	
Stubb	1.00			3011.00	
Recorder	0.00	8372	Inside	3011.00	
Recorder	0.00	8321	Outside	3011.00	
Perforations	2.00			3013.00	
Change Over Sub	1.00			3014.00	
Blank Spacing	64.00			3078.00	
change Over Sub	1.00			3079.00	
Bullnose	3.00			3082.00	72.00 Bottom Packers & Anchor

**Total Tool Length: 92.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Coral Production Corp.

**Keiswetter Trust #16-1**

1600 Stout St. Ste. 1500  
Denver, CO 80202

**16-7s-18w Rooks,KS**

Job Ticket: 54893

**DST#: 1**

ATTN: Tim Lauer

Test Start: 2014.01.26 @ 23:29:34

### 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: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.76 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1250.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
80.00	M w / cup of free oil	1.093

Total Length: 80.00 ft      Total Volume: 1.093 bbl

Num Fluid Samples: 0

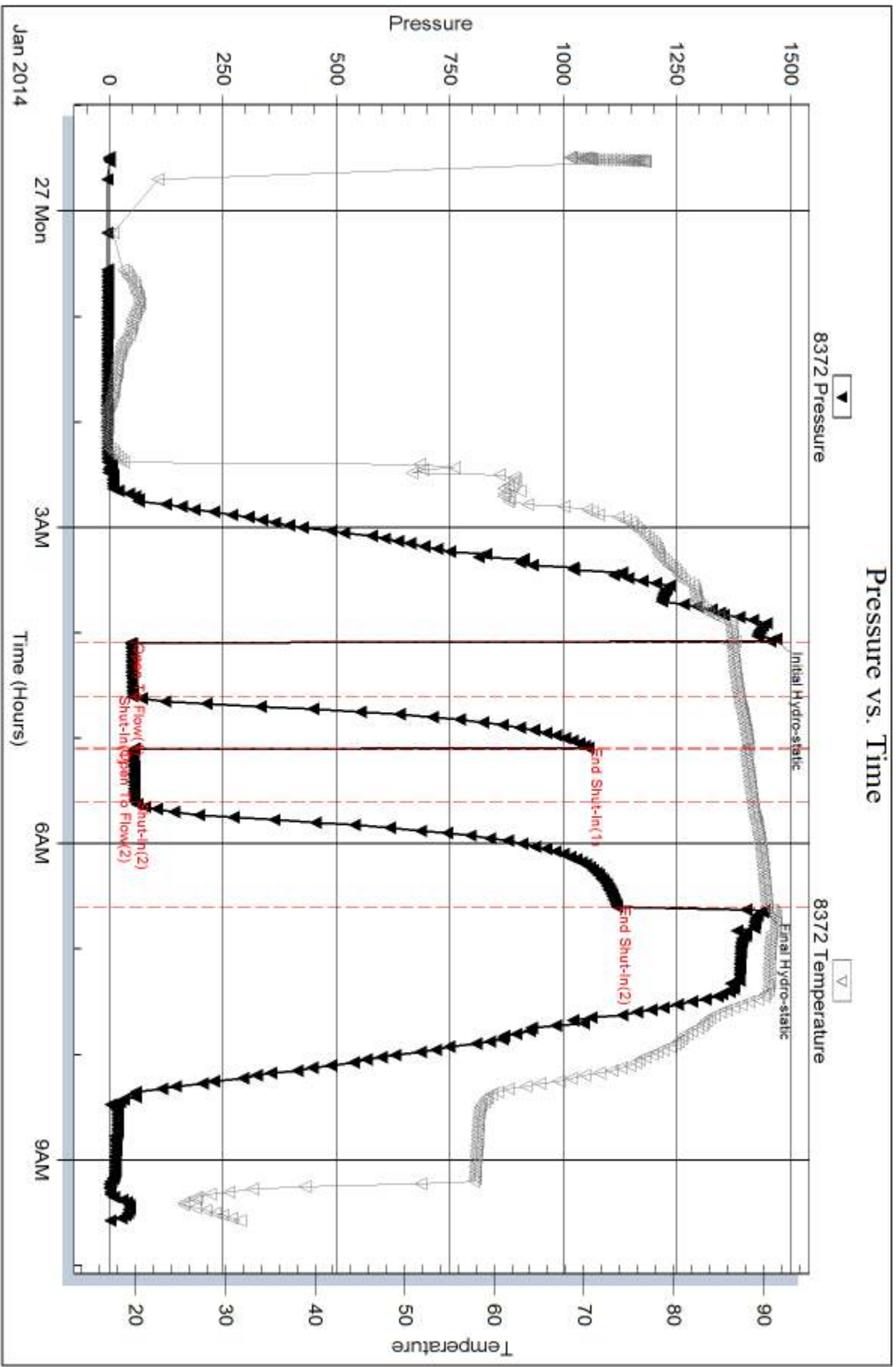
Num Gas Bombs: 0

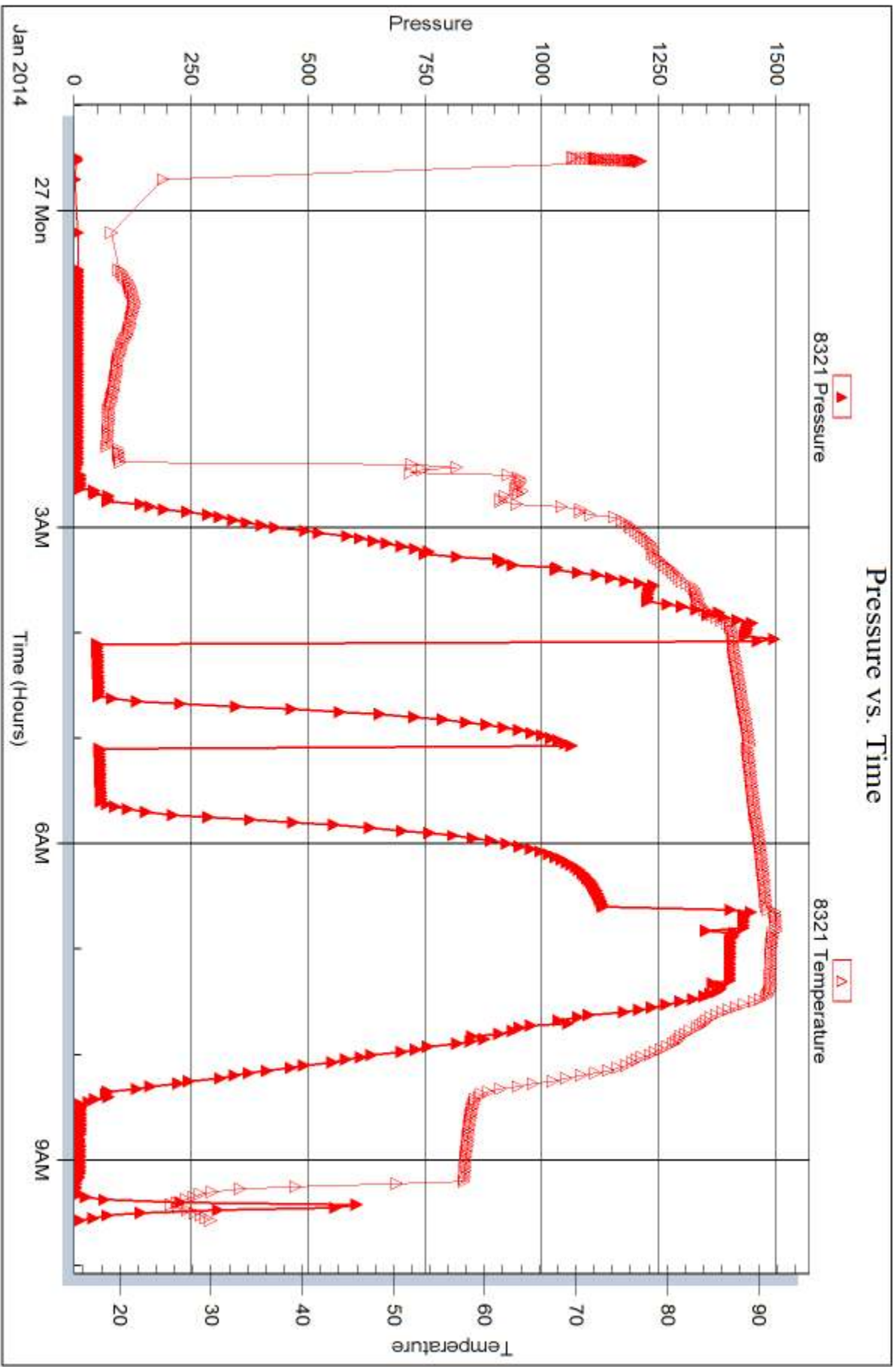
Serial #:

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

**16-7s-18w Rooks,KS**

**Keiswetter Trust #16-1**

Start Date: 2014.01.27 @ 18:09:15

End Date: 2014.01.28 @ 03:23:45

Job Ticket #: 54894                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.02.03 @ 14:56:15

Coral Production Corp.

Keiswetter Trust #16-1

16-7s-18w Rooks,KS

DST # 2

LKC C-D

2014.01.27



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Coral Production Corp.

**Keiswetter Trust #16-1**

1600 Stout St. Ste. 1500  
Denver, CO 80202

**16-7s-18w Rooks,KS**

ATTN: Tim Lauer

Job Ticket: 54894

**DST#: 2**

Test Start: 2014.01.27 @ 18:09:15

## GENERAL INFORMATION:

Formation: **LKC C-D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:09:45

Time Test Ended: 03:23:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan L

Unit No: 48

**Interval: 3082.00 ft (KB) To 3125.00 ft (KB) (TVD)**

Reference Elevations: 1863.00 ft (KB)

Total Depth: 3125.00 ft (KB) (TVD)

1856.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

**Serial #: 8321 Outside**

Press@RunDepth: 986.70 psig @ 3083.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.27 End Date: 2014.01.28

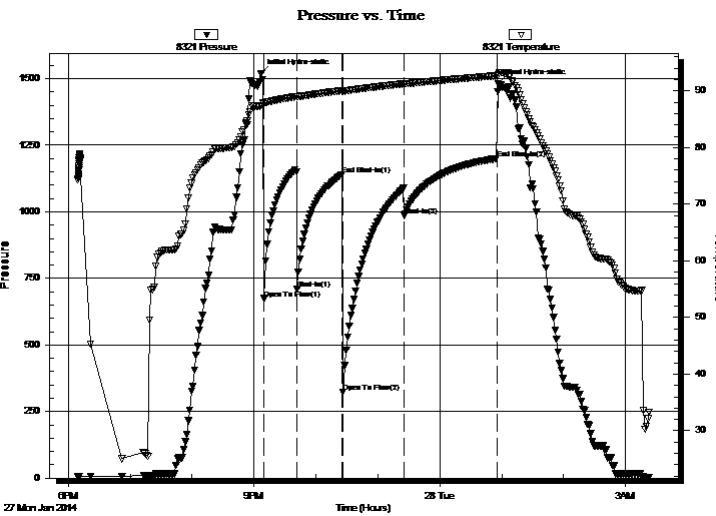
Last Calib.: 2014.01.28

Start Time: 18:09:16 End Time: 03:23:45

Time On Btm: 2014.01.27 @ 21:06:45

Time Off Btm: 2014.01.28 @ 00:56:45

**TEST COMMENT:** 30- IF- Slowly built to 3.5"  
45- IS- No blow  
60- FF- Weak surface blow that died after 17mins  
90- FS- No blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1520.01	87.39	Initial Hydro-static
3	674.49	87.81	Open To Flow (1)
35	709.58	88.93	Shut-In(1)
79	1140.27	90.05	End Shut-In(1)
80	322.82	89.91	Open To Flow (2)
139	986.70	91.24	Shut-In(2)
229	1199.91	92.69	End Shut-In(2)
230	1481.29	92.81	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
750.00	M	10.25

\* 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

**Keiswetter Trust #16-1**  
**16-7s-18w Rooks, KS**  
Job Ticket: 54894      **DST#: 2**  
Test Start: 2014.01.27 @ 18:09:15

## GENERAL INFORMATION:

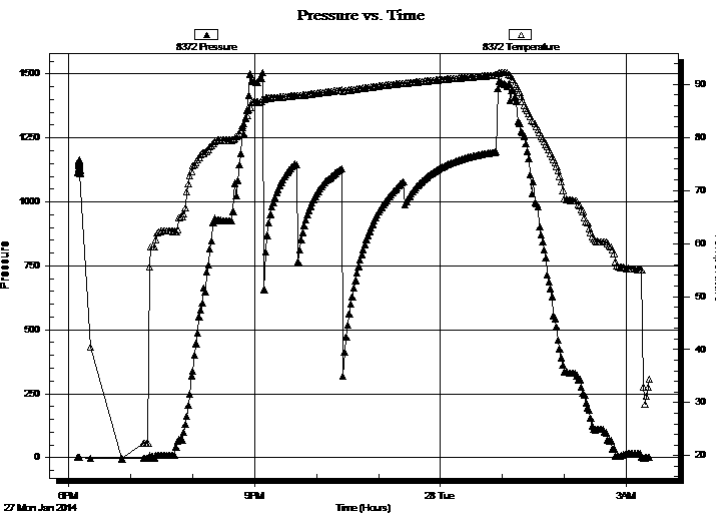
Formation: **LKC C-D**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 21:09:45  
Time Test Ended: 03:23:45  
**Interval: 3082.00 ft (KB) To 3125.00 ft (KB) (TVD)**  
Total Depth: 3125.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Reference Elevations: 1863.00 ft (KB)  
1856.00 ft (CF)  
KB to GR/CF: 7.00 ft  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Brannan L  
Unit No: 48

## Serial #: 8372

Inside

Press@RunDepth:                      psig @ 3083.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2014.01.27      End Date: 2014.01.28      Last Calib.: 2014.01.28  
Start Time: 18:08:39      End Time: 03:23:08      Time On Btm:  
Time Off Btm:

TEST COMMENT: 30- IF- Slow ly built to 3.5"  
45- IS- No blow  
60- FF- Weak surface blow that died after 17mins  
90- FS- No blow



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
750.00	M	10.25

\* 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.

**Keiswetter Trust #16-1**

1600 Stout St. Ste. 1500  
Denver, CO 80202

**16-7s-18w Rooks,KS**

Job Ticket: 54894

**DST#: 2**

ATTN: Tim Lauer

Test Start: 2014.01.27 @ 18:09:15

## Tool Information

Drill Pipe:	Length: 3071.00 ft	Diameter: 3.75 inches	Volume: 41.95 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3082.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	43.00 ft			
Tool Length:	63.00 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			3063.00	
Shut In Tool	5.00			3068.00	
Hydraulic tool	5.00			3073.00	
Packer	5.00			3078.00	20.00 Bottom Of Top Packer
Packer	4.00			3082.00	
Stubb	1.00			3083.00	
Recorder	0.00	8372	Inside	3083.00	
Recorder	0.00	8321	Outside	3083.00	
Perforations	5.00			3088.00	
Change Over Sub	1.00			3089.00	
Blank Spacing	32.00			3121.00	
change Over Sub	1.00			3122.00	
Bullnose	3.00			3125.00	43.00 Bottom Packers & Anchor

**Total Tool Length: 63.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Coral Production Corp.

**Keiswetter Trust #16-1**

1600 Stout St. Ste. 1500  
Denver, CO 80202

**16-7s-18w Rooks,KS**

Job Ticket: 54894

**DST#: 2**

ATTN: Tim Lauer

Test Start: 2014.01.27 @ 18:09:15

## 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: ppm

Viscosity: 50.00 sec/qt

Cushion Volume: bbl

Water Loss: 7.96 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 1250.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
750.00	M	10.245

Total Length: 750.00 ft      Total Volume: 10.245 bbl

Num Fluid Samples: 0

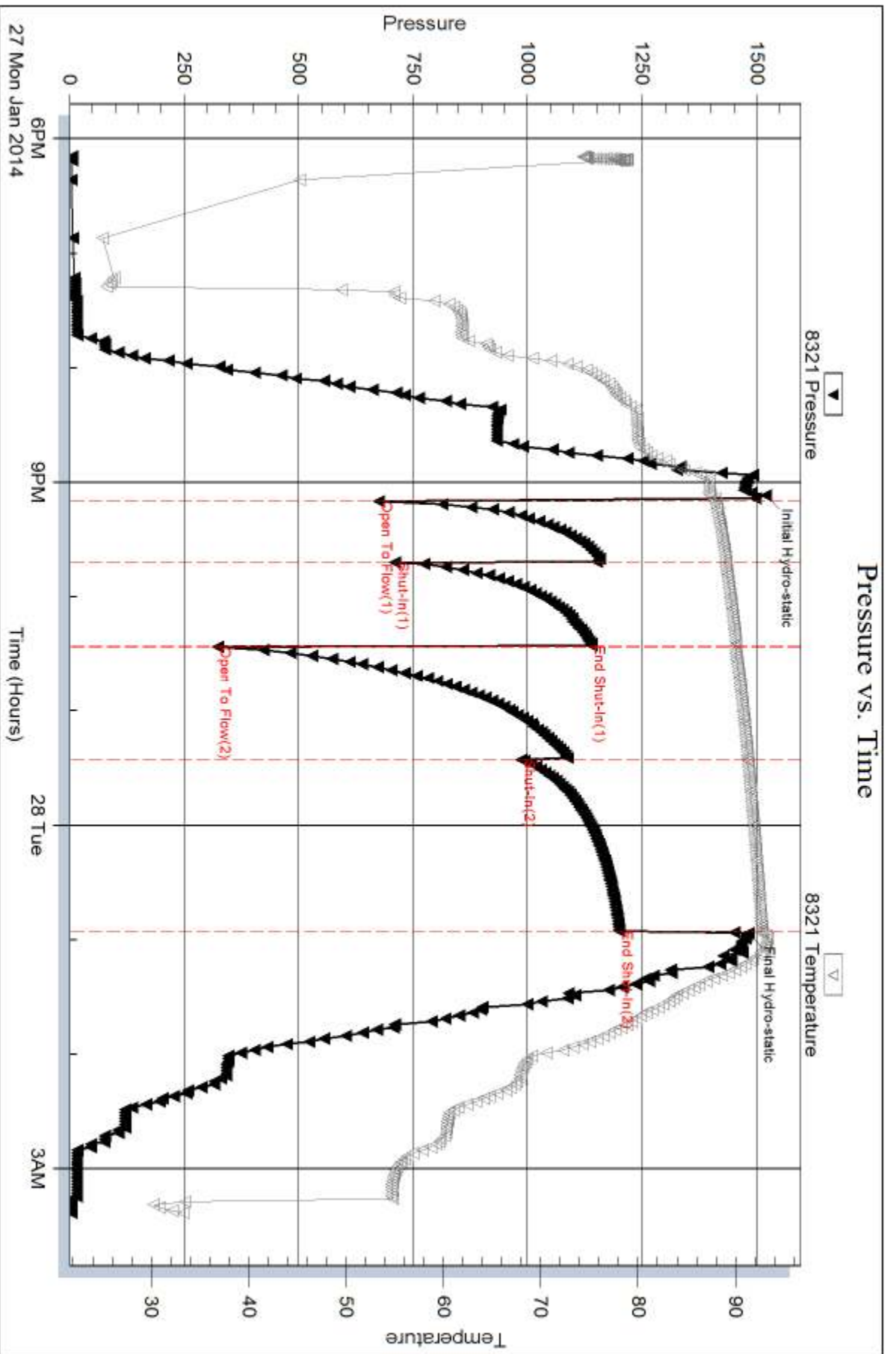
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Hole in pipe



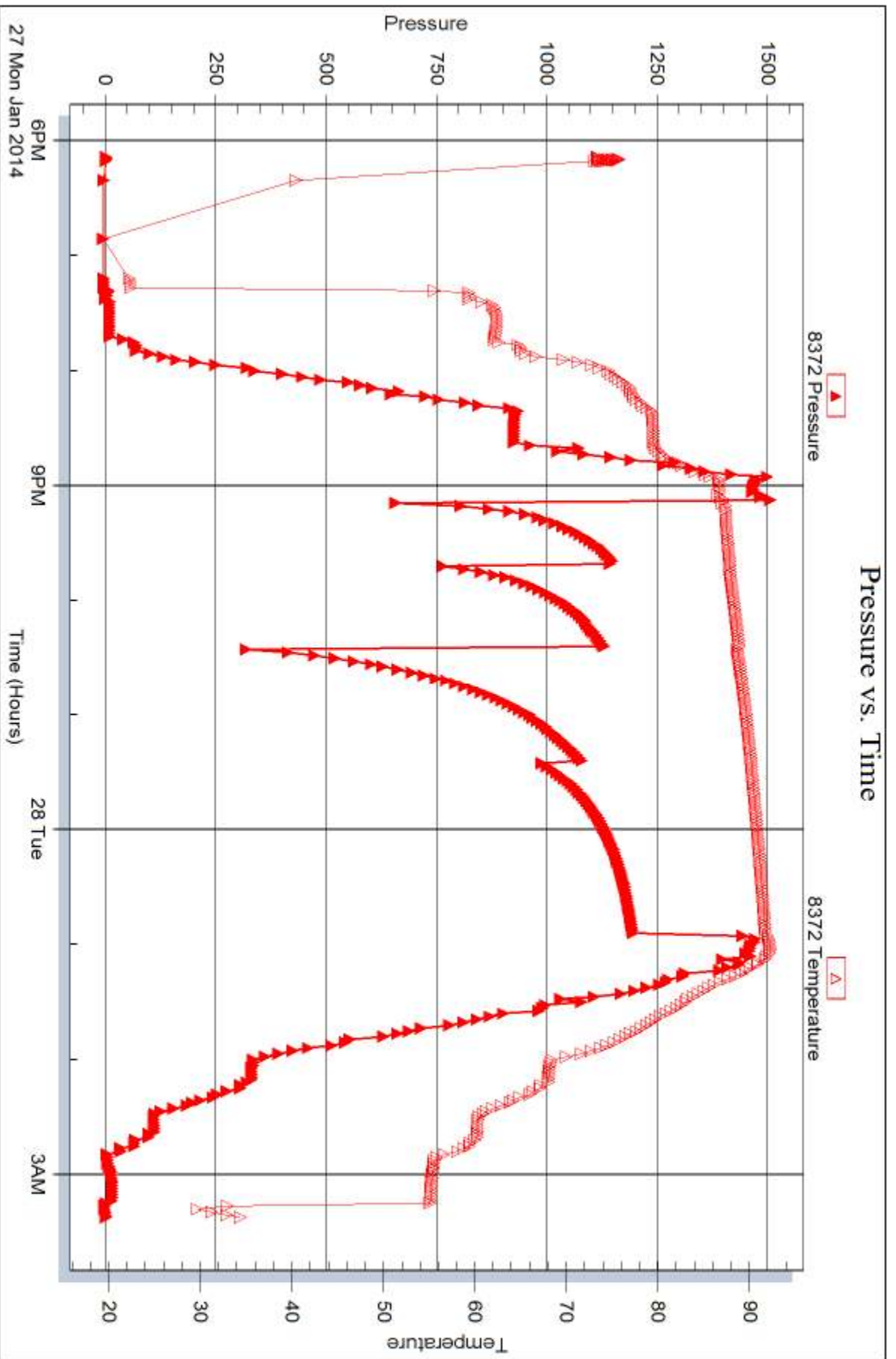
Serial #: 8372

Inside

Coral Production Corp.

16-7s-18w Rooks, KS

DST Test Number: 2





## DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Stout St. Ste. 1500  
Denver, CO 80202

ATTN: Tim Lauer

### **16-7s-18w Rooks,KS**

#### **Keiswetter Trust #16-1**

Start Date: 2014.01.28 @ 04:19:10

End Date: 2014.01.28 @ 11:08:40

Job Ticket #: 54895                      DST #: 3

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

Printed: 2014.02.03 @ 14:55:48

Coral Production Corp.

Keiswetter Trust #16-1

16-7s-18w Rooks,KS

DST # 3

LKC C-D

2014.01.28



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Coral Production Corp.

**Keiswetter Trust #16-1**

1600 Stout St. Ste. 1500  
Denver, CO 80202

**16-7s-18w Rooks,KS**

Job Ticket: 54895

**DST#: 3**

ATTN: Tim Lauer

Test Start: 2014.01.28 @ 04:19:10

## GENERAL INFORMATION:

Formation: **LKC C-D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:28:10

Time Test Ended: 11:08:40

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan L

Unit No: 48

**Interval: 3080.00 ft (KB) To 3125.00 ft (KB) (TVD)**

Reference Elevations: 1863.00 ft (KB)

Total Depth: 3125.00 ft (KB) (TVD)

1856.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

**Serial #: 8372 Inside**

Press@RunDepth: 20.32 psig @ 3081.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.28

End Date:

2014.01.28

Last Calib.:

2014.01.28

Start Time: 04:19:11

End Time:

11:08:40

Time On Btm:

2014.01.28 @ 06:27:40

Time Off Btm:

2014.01.28 @ 09:14:40

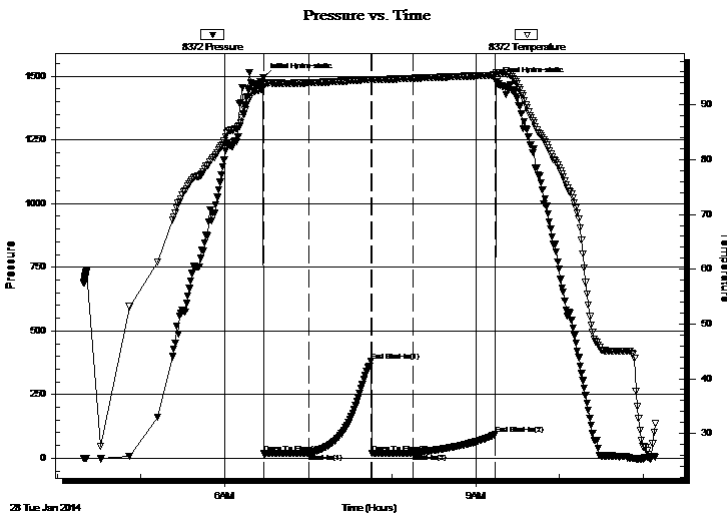
**TEST COMMENT:** 30- IF- Built to 1" in 3 mins and maintained throughout

45- IS- No blow

30- FF- No blow

60- FSI- No blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1495.77	93.92	Initial Hydro-static
1	17.73	93.33	Open To Flow (1)
33	18.73	94.03	Shut-In(1)
77	381.36	94.66	End Shut-In(1)
78	19.88	94.58	Open To Flow (2)
108	20.32	94.86	Shut-In(2)
166	92.88	95.43	End Shut-In(2)
167	1477.61	95.92	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1.00	O	0.01
10.00	M w/ oil spots	0.14

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE TESTING, INC**

## DRILL STEM TEST REPORT

Coral Production Corp.

**Keiswetter Trust #16-1**

1600 Stout St. Ste. 1500  
Denver, CO 80202

**16-7s-18w Rooks,KS**

ATTN: Tim Lauer

Job Ticket: 54895

**DST#: 3**

Test Start: 2014.01.28 @ 04:19:10

### GENERAL INFORMATION:

Formation: **LKC C-D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:28:10

Time Test Ended: 11:08:40

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan L

Unit No: 48

Interval: **3080.00 ft (KB) To 3125.00 ft (KB) (TVD)**

Total Depth: 3125.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1863.00 ft (KB)

1856.00 ft (CF)

KB to GR/CF: 7.00 ft

**Serial #: 8321 Outside**

Press@RunDepth: psig @ 3081.00 ft (KB)

Start Date: 2014.01.28

End Date:

2014.01.28

Start Time: 04:19:19

End Time:

11:08:48

Capacity: 8000.00 psig

Last Calib.:

2014.01.28

Time On Btm:

Time Off Btm:

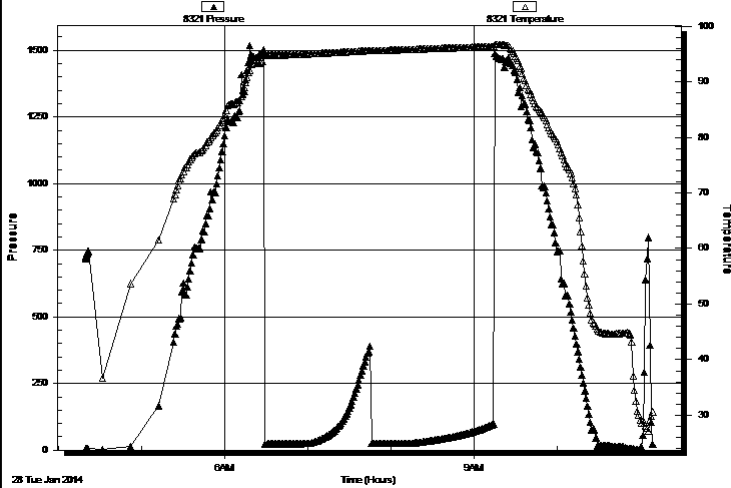
TEST COMMENT: 30- IF- Built to 1" in 3 mins and maintained throughout

45- IS- No blow

30- FF- No blow

60- FSI- No blow

Pressure vs. Time



### PRESSURE SUMMARY

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

### Recovery

Length (ft)	Description	Volume (bbl)
1.00	O	0.01
10.00	M w / oil spots	0.14

### 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.

**Keiswetter Trust #16-1**

1600 Stout St. Ste. 1500  
Denver, CO 80202

**16-7s-18w Rooks,KS**

Job Ticket: 54895

**DST#: 3**

ATTN: Tim Lauer

Test Start: 2014.01.28 @ 04:19:10

## Tool Information

Drill Pipe:	Length: 3071.00 ft	Diameter: 3.75 inches	Volume: 41.95 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 46000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 43000.00 lb
Depth to Top Packer:	3080.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	65.00 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			3061.00	
Shut In Tool	5.00			3066.00	
Hydraulic tool	5.00			3071.00	
Packer	5.00			3076.00	20.00 Bottom Of Top Packer
Packer	4.00			3080.00	
Stubb	1.00			3081.00	
Recorder	0.00	8372	Inside	3081.00	
Recorder	0.00	8321	Outside	3081.00	
Perforations	7.00			3088.00	
Change Over Sub	1.00			3089.00	
Blank Spacing	32.00			3121.00	
change Over Sub	1.00			3122.00	
Bullnose	3.00			3125.00	45.00 Bottom Packers & Anchor

**Total Tool Length: 65.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Coral Production Corp.

**Keiswetter Trust #16-1**

1600 Stout St. Ste. 1500  
Denver, CO 80202

**16-7s-18w Rooks,KS**

Job Ticket: 54895

**DST#: 3**

ATTN: Tim Lauer

Test Start: 2014.01.28 @ 04:19:10

## 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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1250.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
1.00	O	0.014
10.00	Mw / oil spots	0.137

Total Length: 11.00 ft      Total Volume: 0.151 bbl

Num Fluid Samples: 0

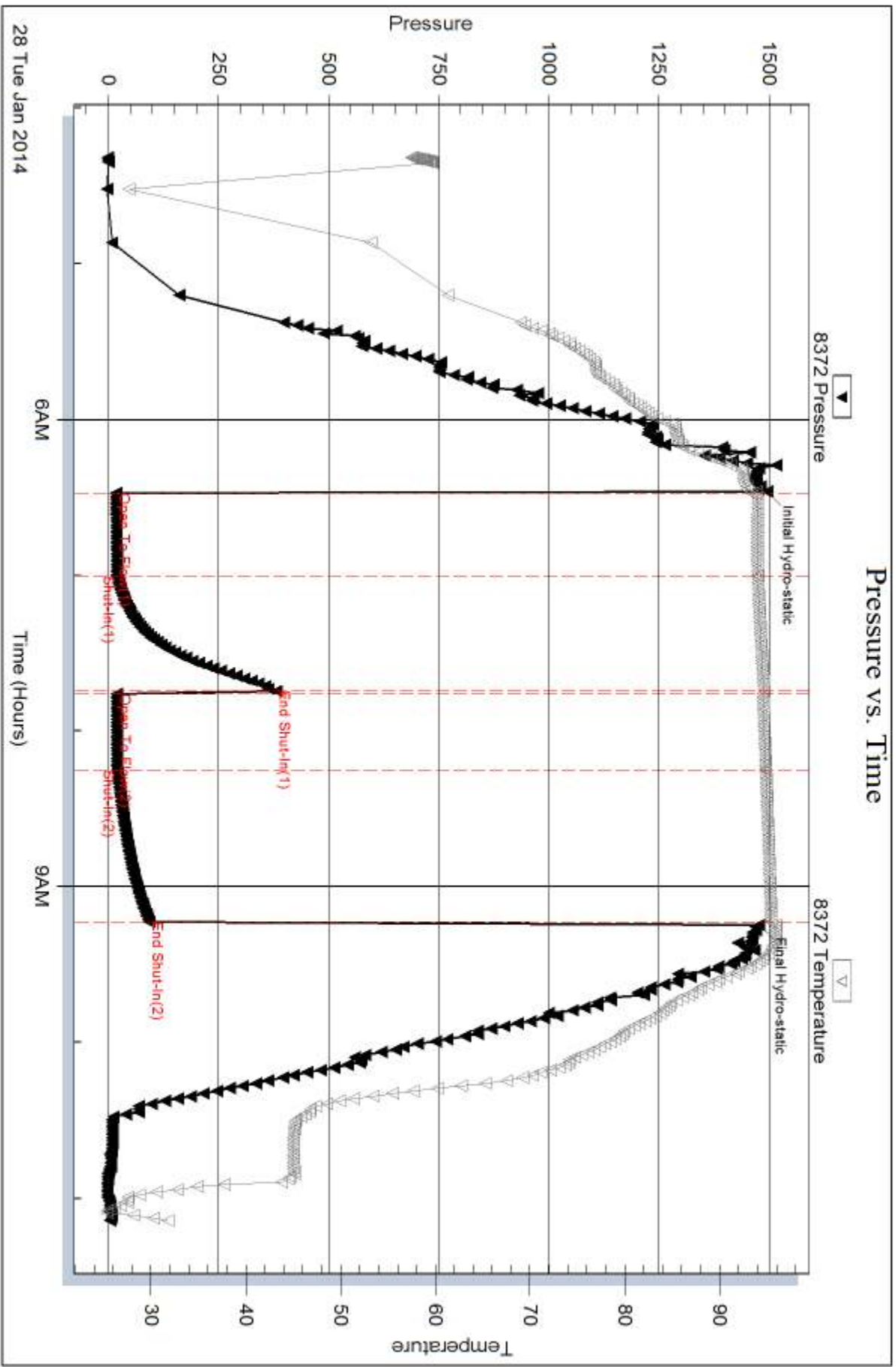
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

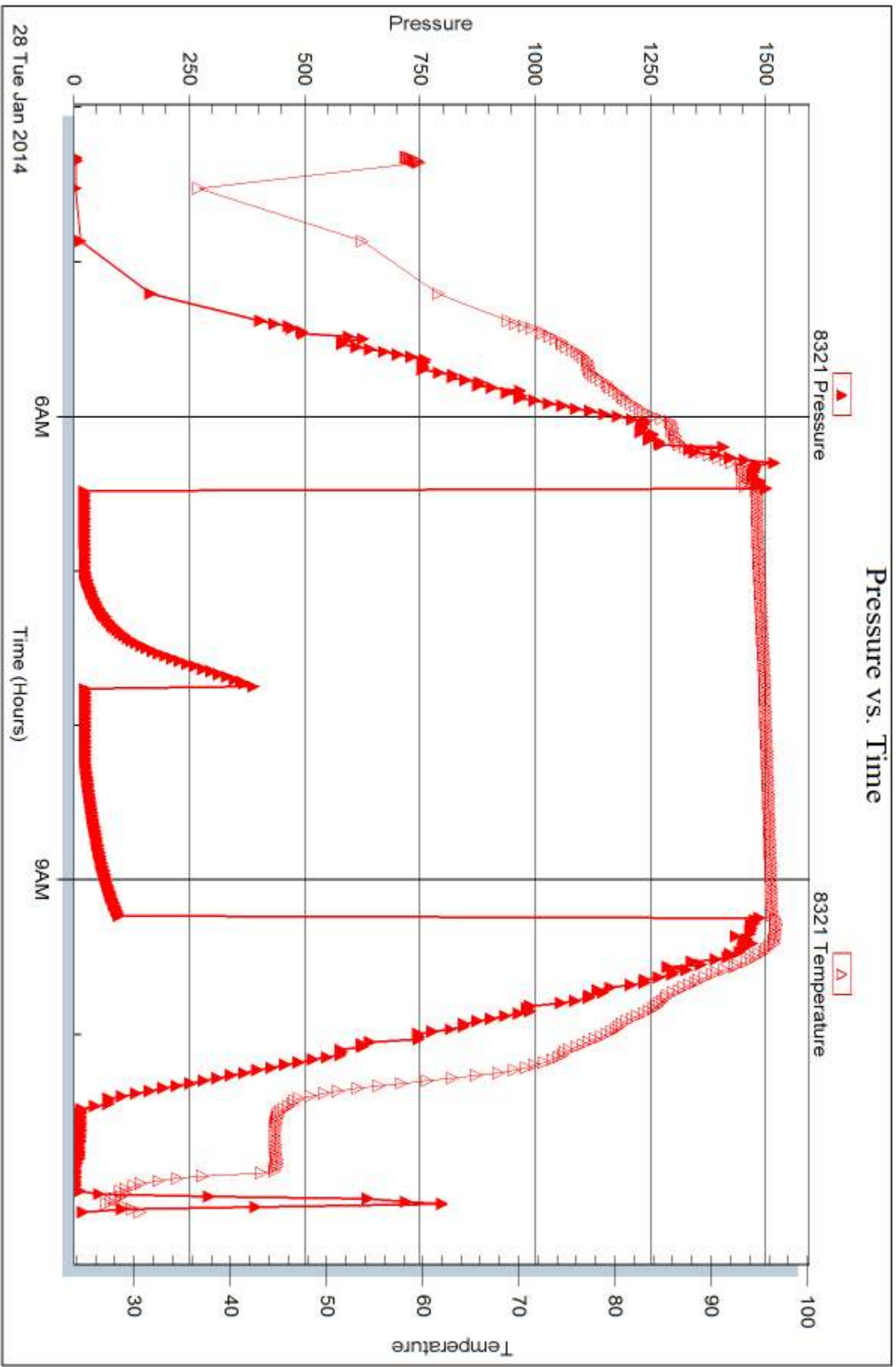


Serial #: 8321

Outside Coral Production Corp.

16-7s-18w Rooks, KS

DST Test Number: 3





## DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Stout St. Ste. 1500  
Denver, CO 80202

ATTN: Tim Lauer

**16-7s-18w Rooks,KS**

**Keiswetter Trust #16-1**

Start Date: 2014.01.28 @ 18:17:00

End Date: 2014.01.29 @ 01:00:29

Job Ticket #: 55376                      DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.02.03 @ 14:55:21

Coral Production Corp.

Keiswetter Trust #16-1

16-7s-18w Rooks,KS

DST # 4

LKC E-F

2014.01.28



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Coral Production Corp.

**Keiswetter Trust #16-1**

1600 Stout St. Ste. 1500  
Denver, CO 80202

**16-7s-18w Rooks,KS**

Job Ticket: 55376

**DST#: 4**

ATTN: Tim Lauer

Test Start: 2014.01.28 @ 18:17:00

## GENERAL INFORMATION:

Formation: **LKC E-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:35:59

Time Test Ended: 01:00:29

Test Type: Conventional Bottom Hole (Reset)

Tester: Paul Simpson

Unit No: 48

**Interval: 3125.00 ft (KB) To 3150.00 ft (KB) (TVD)**

Reference Elevations: 1863.00 ft (KB)

Total Depth: 3150.00 ft (KB) (TVD)

1856.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

**Serial #: 8321 Outside**

Press@RunDepth: 22.79 psig @ 3147.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.28

End Date:

2014.01.29

Last Calib.:

2014.01.29

Start Time: 18:17:00

End Time:

01:00:29

Time On Btm:

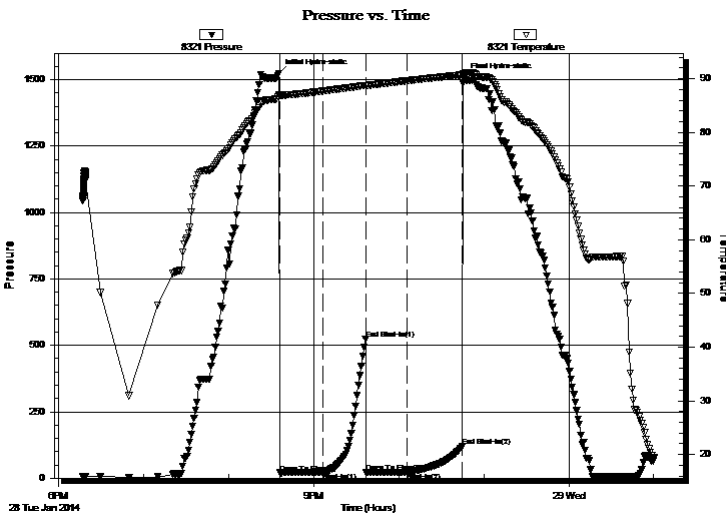
2014.01.28 @ 20:35:29

Time Off Btm:

2014.01.28 @ 22:45:59

TEST COMMENT: IF 30- weak 1/4" blow  
ISI 30 no blow  
FF-30 no blow  
FSI-45 no blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1523.88	86.98	Initial Hydro-static
1	19.90	86.82	Open To Flow (1)
31	21.69	87.73	Shut-In(1)
61	524.03	88.79	End Shut-In(1)
62	22.16	88.70	Open To Flow (2)
91	22.79	89.65	Shut-In(2)
129	118.45	90.71	End Shut-In(2)
131	1505.76	90.78	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
4.00	OSM good show of oil in tool 2% O 98%0.05	

\* Recovery from multiple tests

## Gas Rates

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



# DRILL STEM TEST REPORT

Coral Production Corp.

**Keiswetter Trust #16-1**

1600 Stout St. Ste. 1500  
Denver, CO 80202

**16-7s-18w Rooks,KS**

ATTN: Tim Lauer

Job Ticket: 55376

**DST#: 4**

Test Start: 2014.01.28 @ 18:17:00

## GENERAL INFORMATION:

Formation: **LKC E-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:35:59

Time Test Ended: 01:00:29

Test Type: Conventional Bottom Hole (Reset)

Tester: Paul Simpson

Unit No: 48

**Interval: 3125.00 ft (KB) To 3150.00 ft (KB) (TVD)**

Reference Elevations: 1863.00 ft (KB)

Total Depth: 3150.00 ft (KB) (TVD)

1856.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

**Serial #: 8372 Inside**

Press@RunDepth: psig @ 3147.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.28

End Date: 2014.01.29

Last Calib.: 1899.12.30

Start Time: 18:16:09

End Time: 00:59:38

Time On Btm:

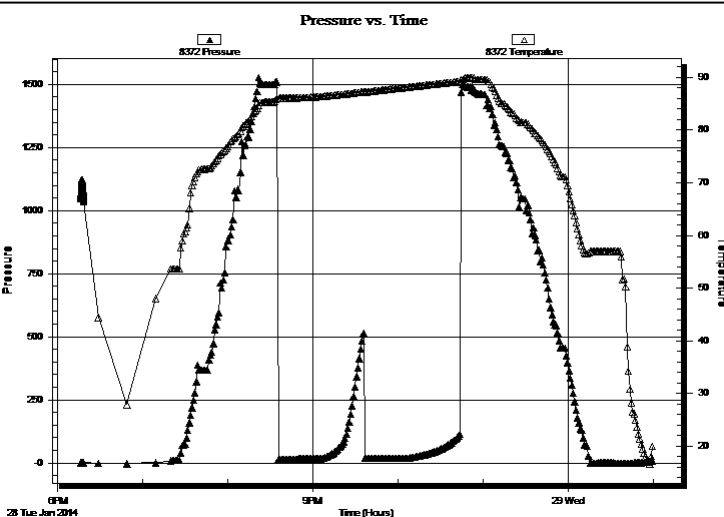
Time Off Btm:

**TEST COMMENT:** IF 30- weak 1/4" blow

ISI 30 no blow

FF-30 no blow

FSI-45 no blow



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
4.00	OSM good show of oil in tool 2% O 98%0.05	

## 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.

**Keiswetter Trust #16-1**

1600 Stout St. Ste. 1500  
Denver, CO 80202

**16-7s-18w Rooks,KS**

Job Ticket: 55376

**DST#: 4**

ATTN: Tim Lauer

Test Start: 2014.01.28 @ 18:17:00

## Tool Information

Drill Pipe:	Length: 3133.00 ft	Diameter: 3.75 inches	Volume: 42.80 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer: 20000.00 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: - bbl</u>	Tool Chased ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3125.00 ft			Final 40000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	47.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3106.00	
Shut In Tool	5.00			3111.00	
Hydraulic tool	5.00			3116.00	
Packer	5.00			3121.00	20.00 Bottom Of Top Packer
Packer	4.00			3125.00	
Stubb	1.00			3126.00	
Perforations	21.00			3147.00	
Recorder	0.00	8372	Inside	3147.00	
Recorder	0.00	8321	Outside	3147.00	
Perforations	2.00			3149.00	
Bullnose	3.00			3152.00	27.00 Bottom Packers & Anchor

**Total Tool Length: 47.00**





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Coral Production Corp.

**Keiswetter Trust #16-1**

1600 Stout St. Ste. 1500  
Denver, CO 80202

**16-7s-18w Rooks,KS**

Job Ticket: 55376

**DST#: 4**

ATTN: Tim Lauer

Test Start: 2014.01.28 @ 18:17:00

## 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: 38.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.57 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1250.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
4.00	OSM good show of oil in tool 2% O 98%M	0.055

Total Length: 4.00 ft      Total Volume: 0.055 bbl

Num Fluid Samples: 0

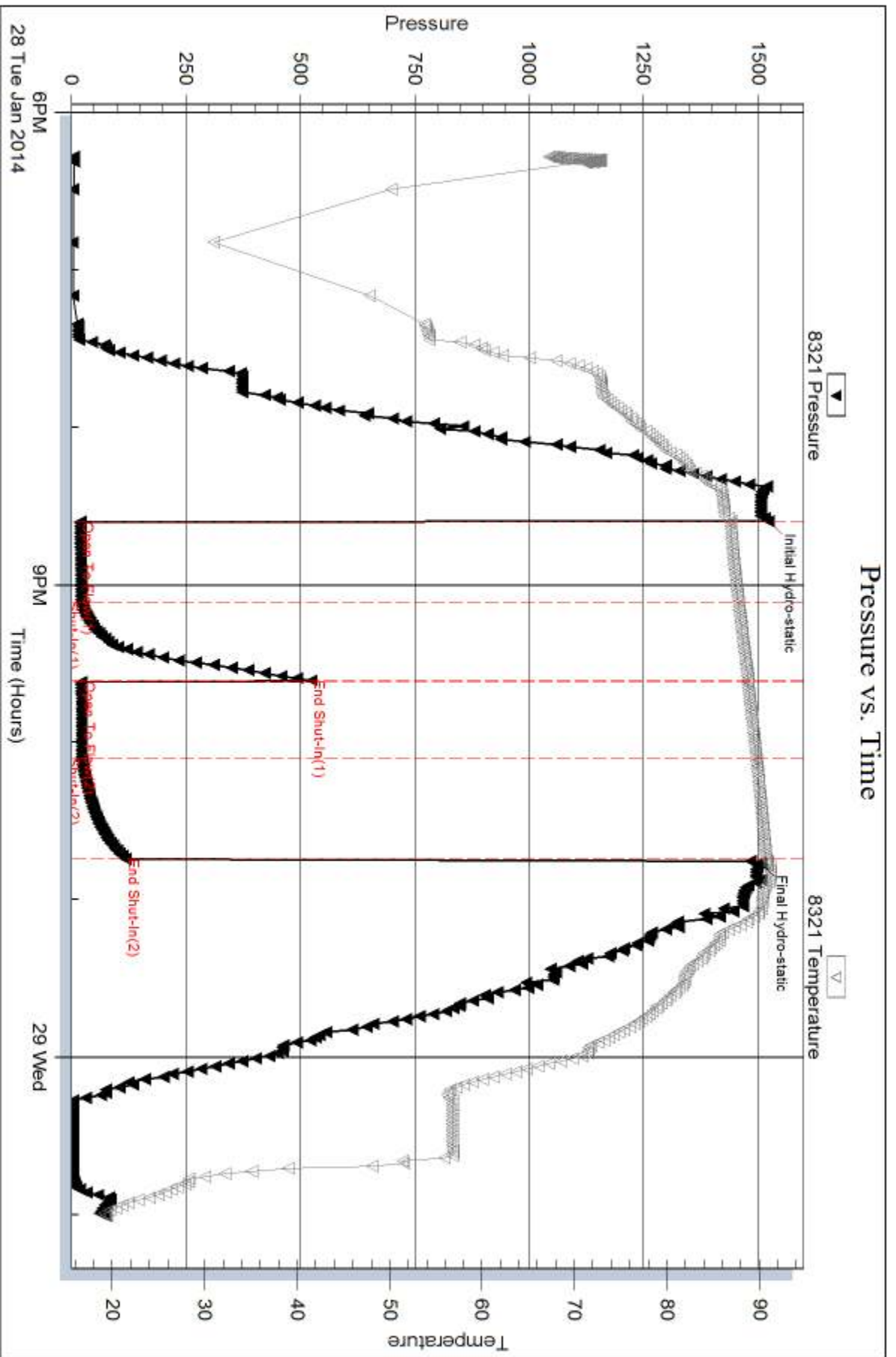
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



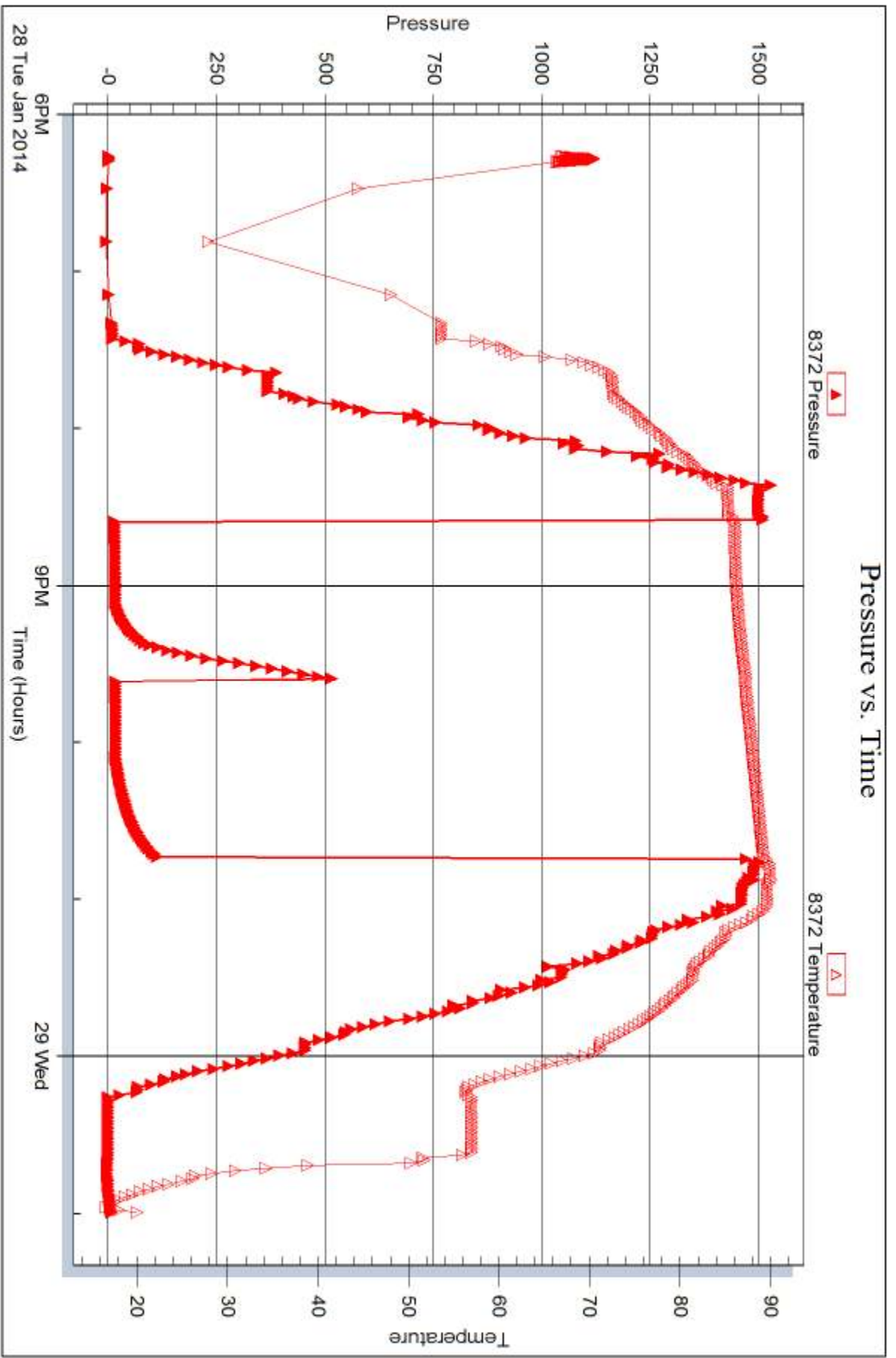
Serial #: 8372

Inside

Coral Production Corp.

16-7s-18w Rooks, KS

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 55376

Printed: 2014.02.03 @ 14:55:24



## DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Stout St. Ste. 1500  
Denver, CO 80202

ATTN: Tim Lauer

**16-7s-18w Rooks,KS**

**Keiswetter Trust #16-1**

Start Date: 2014.01.29 @ 16:10:15

End Date: 2014.01.30 @ 00:08:15

Job Ticket #: 55377                      DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.02.03 @ 14:54:21

Coral Production Corp.

Keiswetter Trust #16-1

16-7s-18w Rooks,KS

DST # 5

LKC I-L

2014.01.29



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Coral Production Corp.

**Keiswetter Trust #16-1**

1600 Stout St. Ste. 1500  
Denver, CO 80202

**16-7s-18w Rooks,KS**

ATTN: Tim Lauer

Job Ticket: 55377

**DST#: 5**

Test Start: 2014.01.29 @ 16:10:15

## GENERAL INFORMATION:

Formation: **LKC I-L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:40:45

Time Test Ended: 00:08:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Paul Simpson

Unit No: 48

**Interval: 3198.00 ft (KB) To 3280.00 ft (KB) (TVD)**

Reference Elevations: 1863.00 ft (KB)

Total Depth: 3280.00 ft (KB) (TVD)

1856.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

**Serial #: 8321 Outside**

Press@RunDepth: 300.46 psig @ 3199.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.29

End Date: 2014.01.30

Last Calib.: 2014.01.28

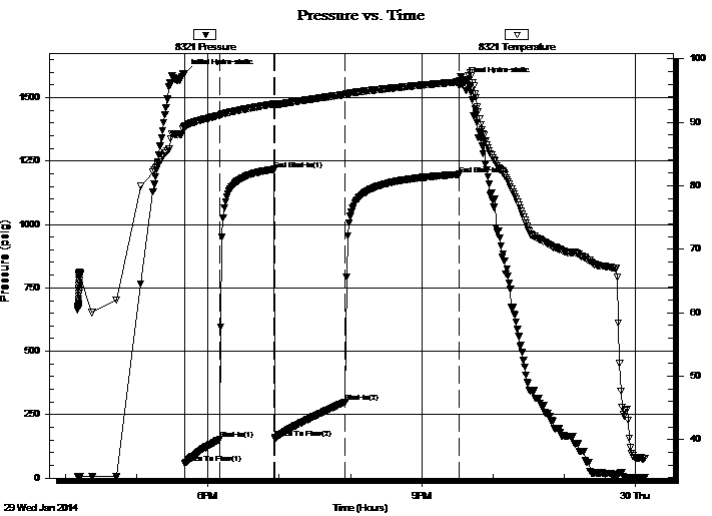
Start Time: 16:10:16

End Time: 00:08:15

Time On Btm: 2014.01.29 @ 17:40:15

Time Off Btm: 2014.01.29 @ 21:34:15

**TEST COMMENT:** IF- 30 fair blow building to bottom of bucket in 7 minutes  
ISI 45 built to 1"  
FF 60" fair blow building to bottom of bucket in 7 minutes  
FSI 90 built to 2.5"



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1595.65	89.36	Initial Hydro-static
1	57.84	89.11	Open To Flow (1)
30	152.65	91.06	Shut-In(1)
76	1217.16	92.88	End Shut-In(1)
76	158.05	92.70	Open To Flow (2)
136	300.46	94.36	Shut-In(2)
231	1197.13	96.35	End Shut-In(2)
234	1563.53	96.06	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
140.00	muddy water 90% water 10% mud	1.96
280.00	oil and water cut mud 30%O 20% W 50%	3.93
240.00	gassy oil 15% gas 85% oil	3.37
0.00	20"GIP Rw .23 @ 34 48,000	0.00

\* 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

Keiswetter Trust #16-1

16-7s-18w Rooks, KS

Job Ticket: 55377 DST#: 5

Test Start: 2014.01.29 @ 16:10:15

GENERAL INFORMATION:

Formation: LKC I-L

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:40:45

Time Test Ended: 00:08:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Paul Simpson

Unit No: 48

Interval: 3198.00 ft (KB) To 3280.00 ft (KB) (TVD)

Reference Elevations: 1863.00 ft (KB)

Total Depth: 3280.00 ft (KB) (TVD)

1856.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8372 Inside

Press@RunDepth: psig @ 3199.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.29 End Date: 2014.01.30

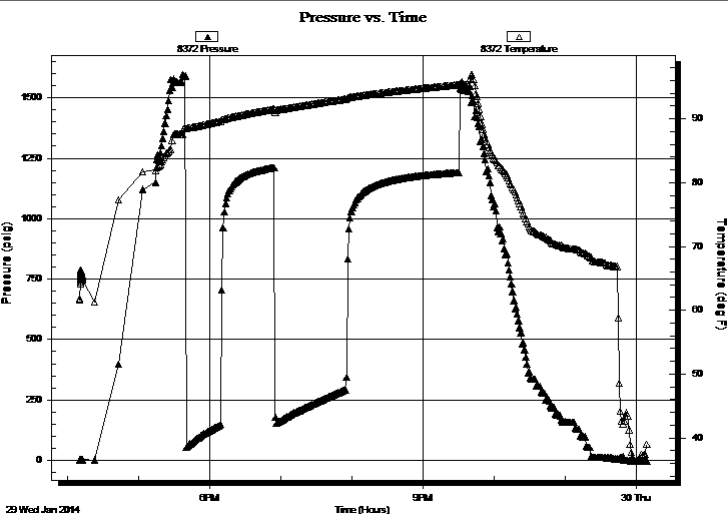
Last Calib.: 2014.01.30

Start Time: 16:10:29 End Time: 00:08:28

Time On Btm:

Time Off Btm:

TEST COMMENT: IF- 30 fair blow building to bottom of bucket in 7 minutes
ISI 45 built to 1"
FF 60" fair blow building to bottom of bucket in 7 minutes
FSI 90 built to 2.5"



PRESSURE SUMMARY

Table with 4 columns: Time (Min.), Pressure (psig), Temp (deg F), Annotation

Recovery

Table with 3 columns: Length (ft), Description, Volume (bbl)

Gas Rates

Table with 4 columns: Choke (inches), Pressure (psig), Gas Rate (Mcf/d)

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Coral Production Corp.

**Keiswetter Trust #16-1**

1600 Stout St. Ste. 1500  
Denver, CO 80202

**16-7s-18w Rooks,KS**

Job Ticket: 55377

**DST#: 5**

ATTN: Tim Lauer

Test Start: 2014.01.29 @ 16:10:15

## Tool Information

Drill Pipe:	Length: 3196.00 ft	Diameter: 3.80 inches	Volume: 44.83 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 49000.00 lb
			<u>Total Volume: 44.83 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3198.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	83.00 ft			
Tool Length:	103.00 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			3179.00	
Shut In Tool	5.00			3184.00	
Hydraulic tool	5.00			3189.00	
Packer	5.00			3194.00	20.00 Bottom Of Top Packer
Packer	4.00			3198.00	
Stubb	1.00			3199.00	
Recorder	0.00	8372	Inside	3199.00	
Recorder	0.00	8321	Outside	3199.00	
Perforations	3.00			3202.00	
Change Over Sub	1.00			3203.00	
Blank Spacing	64.00			3267.00	
Change Over Sub	1.00			3268.00	
Perforations	10.00			3278.00	
Bullnose	3.00			3281.00	83.00 Bottom Packers & Anchor

**Total Tool Length: 103.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Coral Production Corp.

**Keiswetter Trust #16-1**

1600 Stout St. Ste. 1500  
Denver, CO 80202

**16-7s-18w Rooks,KS**

Job Ticket: 55377

**DST#: 5**

ATTN: Tim Lauer

Test Start: 2014.01.29 @ 16:10:15

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 48.00 sec/qt  
Water Loss: 8.78 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 1250.00 ppm  
Filter Cake: inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: 32 deg API  
Water Salinity: 48000 ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
140.00	muddy w ater 90% w ater 10% mud	1.964
280.00	oil and w ater cut mud 30%O 20% W 50% M	3.928
240.00	gassy oil 15% gas 85% oil	3.367
0.00	20'GIP Rw .23 @ 34 48,000	0.000

Total Length: 660.00 ft Total Volume: 9.259 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

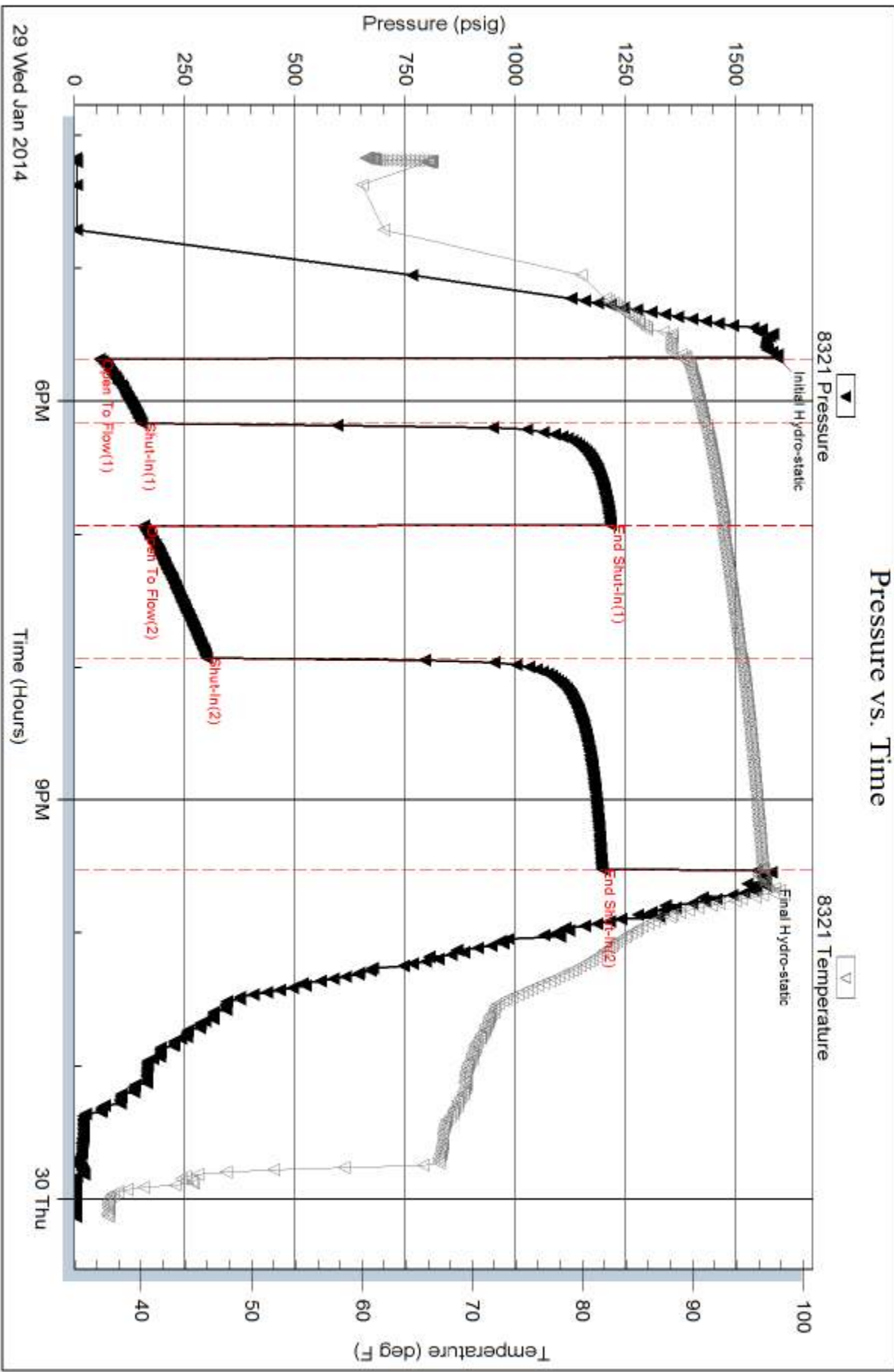
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





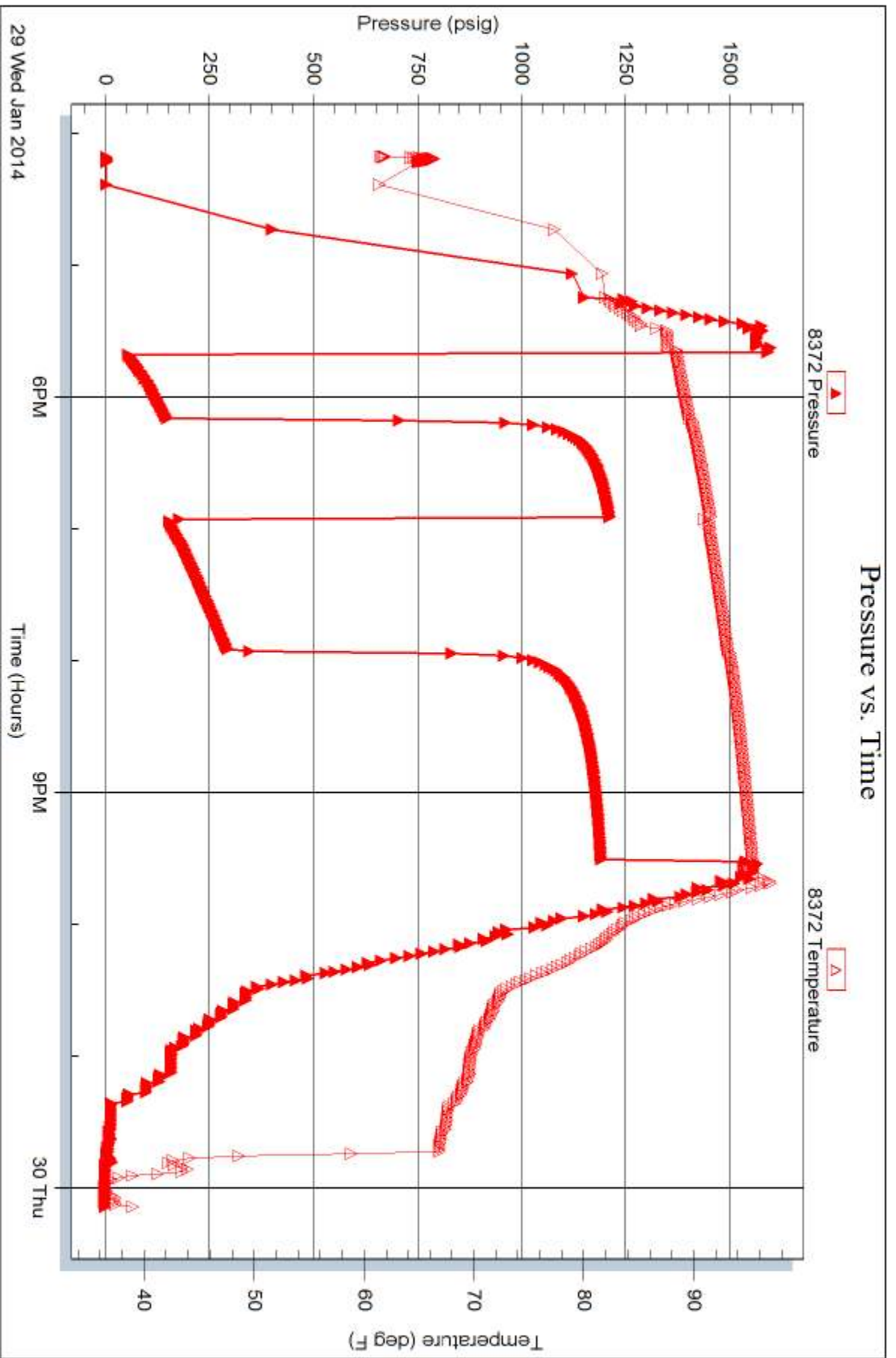
Serial #: 8372

Inside

Coral Production Corp.

16-7s-18w Rooks, KS

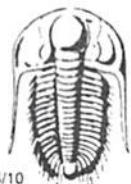
DST Test Number: 5



Triobite Testing, Inc

Ref. No: 55377

Printed: 2014.02.03 @ 14:54:23



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 54893

Well Name & No. Keisnether #16-1 Test No. 1 Date 1/27/14  
 Company Coral Prod. Corp. Elevation 1863 KB 1856 GL  
 Address 1600 Stuart St. Ste. 1500 Denver, CO. 80202  
 Co. Rep / Geo. Tim Lawer Rig Maverick 102  
 Location: Sec. 16 Twp. 7s Rge. 18w Co. Rooks State KS

Interval Tested 3010-3082 Zone Tested Lansing A-B  
 Anchor Length 72' Drill Pipe Run 3007 Mud Wt. 8.9  
 Top Packer Depth 3005 Drill Collars Run --- Vis 44  
 Bottom Packer Depth 3010 Wt. Pipe Run --- WL 8.8  
 Total Depth 3082 Chlorides 1250 ppm System LCM 2#

Blow Description IF - Built slowly to 1"  
ISI - No blow  
FF - Built slowly to 1"  
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>80</u>	<u>M w/ cup of free oil</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

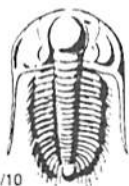
Rec Total 80' BHT 90° Gravity --- API RW --- @ --- °F Chlorides --- ppm

(A) Initial Hydrostatic 1468  Test 1150 T-On Location 2303  
 (B) First Initial Flow 47  Jars --- T-Started 2330  
 (C) First Final Flow 51  Safety Joint --- T-Open 0406  
 (D) Initial Shut-In 1055  Circ Sub --- T-Pulled 0636  
 (E) Second Initial Flow 54  Hourly Standby 1h 100 T-Out 0936  
 (F) Second Final Flow 56  Mileage 102 RT 158.10  
 (G) Final Shut-In 1118  Sampler ---  
 (H) Final Hydrostatic 1442  Straddle ---  
 Shale Packer ---  
 Ruined Shale Packer ---  
 Ruined Packer ---

Initial Open 30  Extra Packer ---  Extra Copies ---  
 Initial Shut-In 30  Extra Recorder --- Sub Total 0  
 Final Flow 30  Day Standby --- Total 1408.10  
 Final Shut-In 60  Accessibility --- MP/DST Disc't ---  
 Sub Total 1408.10

Approved By \_\_\_\_\_ Our Representative Brannan L

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. 54894

Well Name & No. Keiswetter #16-1 Test No. 2 Date 1/27/14  
 Company Coral Prod Comp. Elevation 1863 KB 1856 GL  
 Address 1600 Stout St. Ste. 1500 Denver, CO 80202  
 Co. Rep / Geo. Tim Lauer Rig Maverick 102  
 Location: Sec. 16 Twp. 7s Rge. 18w Co. Rooks State KS

Interval Tested 3082-3125 Zone Tested Lansing C-D  
 Anchor Length 43' Drill Pipe Run 3071 Mud Wt. 9.1  
 Top Packer Depth 3077 Drill Collars Run — Vis 50  
 Bottom Packer Depth 3082 Wt. Pipe Run — WL 8.0  
 Total Depth 3125 Chlorides 1250 ppm System LCM 2#

Blow Description IF - slowly built to 3 1/2"  
FSI - No blow  
FF - Weak surface blow died after 17 min  
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>750</u>	<u>M</u>				

Rec Total 750 BHT 930 Gravity — API RW — @ — °F Chlorides — ppm

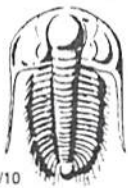
(A) Initial Hydrostatic 1520  Test 950 T-On Location 1807  
 (B) First Initial Flow 674  Jars — T-Started 1809  
 (C) First Final Flow 710  Safety Joint — T-Open 2110  
 (D) Initial Shut-In 1140  Circ Sub — T-Pulled 0055  
 (E) Second Initial Flow 323  Hourly Standby — T-Out 0324  
 (F) Second Final Flow 987  Mileage 102 RT 158.10 Comments Hole in pipe  
 (G) Final Shut-In 1200  Sampler —  
 (H) Final Hydrostatic 1481  Straddle —  Ruined Shale Packer —

Initial Open 30  Shale Packer —  Ruined Packer —  
 Initial Shut-In 45  Extra Packer —  Extra Copies —  
 Final Flow 60  Extra Recorder — Sub Total 0  
 Final Shut-In 90  Day Standby — Total 1108.10  
 Accessibility — MP/DST Disc't —

Sub Total 1108.10

Approved By \_\_\_\_\_ Our Representative Brannan L

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. 54895

Well Name & No. Keiswetter #16-1 Test No. 3 Date 1/28/14  
 Company Coral Prod. Corp. Elevation 863 KB 836 GL  
 Address 1600 Stout Ste Ste. 1500 Denver, CO 80202  
 Co. Rep / Geo. Tim Lawer Rig Maverick 102  
 Location: Sec. 16 Twp. 7s Rge. 18w Co. Rooks State KS

Interval Tested 3080-3125 Zone Tested Lawing C-D  
 Anchor Length 45' Drill Pipe Run 3071 Mud Wt. 9.1  
 Top Packer Depth 3075 Drill Collars Run --- Vis 50  
 Bottom Packer Depth 3080 Wt. Pipe Run --- WL 8.0  
 Total Depth 3125 Chlorides 1250 ppm System LCM 2 #

Blow Description IF - Built to 1" in 3 mins + maintained throughout  
ISI - No blow  
FF - No blow  
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>1</u>	<u>0</u>				
<u>10</u>	<u>M w/ oil spots</u>				

Rec Total 11' BHT 95° Gravity --- API RW --- @ --- °F Chlorides --- ppm

(A) Initial Hydrostatic 1496  Test 1150 T-On Location 0324  
 (B) First Initial Flow 18  Jars --- T-Started 0419  
 (C) First Final Flow 19  Safety Joint --- T-Open 0628  
 (D) Initial Shut-In 381  Circ Sub --- T-Pulled 0913  
 (E) Second Initial Flow 20  Hourly Standby --- T-Out 1108  
 (F) Second Final Flow 20  Mileage 102 RT 158.10 Comments ---  
 (G) Final Shut-In 93  Sampler ---  
 (H) Final Hydrostatic 1478  Straddle ---  Ruined Shale Packer ---  
 Shale Packer ---  Ruined Packer ---

Initial Open 30  Extra Packer ---  Extra Copies ---  
 Initial Shut-In 45  Extra Recorder --- Sub Total 0  
 Final Flow 30  Day Standby --- Total 1308.10  
 Final Shut-In 60  Accessibility --- MP/DST Disc't ---  
 Sub Total 1308.10

Approved By \_\_\_\_\_ Our Representative Bannan L

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. 55376

Well Name & No. Kaysville Tract 16-1 Test No. 4 Date 1-28-14  
 Company Coral Production Elevation 1863 KPS KB 1/4 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Tim Lave Rig Maverick 102  
 Location: Sec. 16 Twp. 7s Rge. 18w Co. Rooks State Ks

Interval Tested 3125-3150 Zone Tested Lansing E + F  
 Anchor Length 25 Drill Pipe Run 3133 Mud Wt. 9.0  
 Top Packer Depth 3120 Drill Collars Run \_\_\_\_\_ Vis 38  
 Bottom Packer Depth 3125 Wt. Pipe Run \_\_\_\_\_ WL 9.6  
 Total Depth 3150 Chlorides \_\_\_\_\_ ppm System LCM \_\_\_\_\_  
 Blow Description Weak 1/2" blow

FF - no blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>4</u>	<u>OSM</u>		<u>2</u>		<u>78</u>
	<u>good show of oil in</u>				
	<u>top</u>				

Rec Total \_\_\_\_\_ BHT \_\_\_\_\_ Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1523  Test 1150 T-On Location 1745  
 (B) First Initial Flow 20  Jars \_\_\_\_\_ T-Started 1816  
 (C) First Final Flow 22  Safety Joint \_\_\_\_\_ T-Open 2034  
 (D) Initial Shut-In 524  Circ Sub \_\_\_\_\_ T-Pulled 2249  
 (E) Second Initial Flow 22  Hourly Standby \_\_\_\_\_ T-Out 0100  
 (F) Second Final Flow 23  Mileage 102 RT 158.10 Comments \_\_\_\_\_  
 (G) Final Shut-In 118  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1505  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Open 30  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Initial Shut-In 30  Day Standby \_\_\_\_\_ Total 1308.10  
 Final Flow 30  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Final Shut-In 45 Sub Total 1308.10

Approved By \_\_\_\_\_ Our Representative \_\_\_\_\_

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



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 55377

4/10

Well Name & No. Kesselle Truss 16-1 Test No. 5 Date 12-14  
 Company Coral Products Elevation 1963 KB \_\_\_\_\_ GL \_\_\_\_\_  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Tom Leav Rig Mound 102  
 Location: Sec. 6 Twp. 3 Rge. H w Co. Roark State Ky

Interval Tested 3198-3280 Zone Tested LKC I-2  
 Anchor Length 82 Drill Pipe Run 3196 Mud Wt. 9.1  
 Top Packer Depth 3193 Drill Collars Run \_\_\_\_\_ Vis 48  
 Bottom Packer Depth 3198 Wt. Pipe Run \_\_\_\_\_ WL 8.6  
 Total Depth 3280 Chlorides \_\_\_\_\_ ppm System \_\_\_\_\_ LCM \_\_\_\_\_

Blow Description 1" blow building to bottom of bucket in 5 min  
FSL blow built to 1" FF for blow building to  
bottom of bucket in 7 minutes  
FSL blow built to 2.5"

Rec	Feet of	%gas	%oil	%water	%mud
<u>140</u>	<u>M w</u>		<u>90</u>	<u>10</u>	
<u>280</u>	<u>Oil WCM</u>	<u>30</u>	<u>20</u>	<u>50</u>	
<u>240</u>	<u>gas O.1</u>	<u>15</u>	<u>85</u>		
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Rec Total \_\_\_\_\_ BHT 96 Gravity 32 API RW .23 @ 34 °F Chlorides 48,000 ppm

(A) Initial Hydrostatic 1596  Test 1150 T-On Location 1550  
 (B) First Initial Flow 58  Jars \_\_\_\_\_ T-Started 1610  
 (C) First Final Flow 153  Safety Joint \_\_\_\_\_ T-Open 1739  
 (D) Initial Shut-In 1217  Circ Sub \_\_\_\_\_ T-Pulled 2126  
 (E) Second Initial Flow 158  Hourly Standby \_\_\_\_\_ T-Out 0000  
 (F) Second Final Flow 300  Mileage 102 RT 158.10 Comments \_\_\_\_\_  
 (G) Final Shut-In 1197  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1963  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_

Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_ Sub Total 0  
 Day Standby \_\_\_\_\_ Total 1308.10  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1308.10

Approved By [Signature] Our Representative \_\_\_\_\_

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