



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1190517
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: _____

1190517

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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ALLIED OIL & GAS SERVICES, LLC 054967

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>32</u>	TWP. <u>9</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>9:00 AM</u>	JOB FINISH <u>9:30 AM</u>
<u>DeHaven-Wilkin</u> LEASE	WELL# <u>1-32</u>		LOCATION <u>Stockton KS 8W 5N E.10</u>		COUNTY <u>Rooks</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR <u>WLG</u>	OWNER
TYPE OF JOB <u>PTA</u>	CEMENT
HOLE SIZE <u>7 7/8</u>	AMOUNT ORDERED <u>255 60/40 49 gal 1/4 #5/6</u>
CASING SIZE	
TUBING SIZE	
DRILL PIPE <u>4 1/2 16.6</u>	
TOOL	
PRES. MAX	
MEAS. LINE	
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

EQUIPMENT	
PUMP TRUCK	CEMENTER <u>Robert V</u>
# <u>409</u>	HELPER <u>Kevin R</u>
BULK TRUCK	
# <u>473</u>	DRIVER <u>Jesse C</u>
BULK TRUCK	
#	DRIVER

COMMON	<u>15.3</u>	@	<u>17.90</u>	<u>2738.70</u>
POZMIX	<u>102</u>	@	<u>9.35</u>	<u>953.70</u>
GEL	<u>8.6</u>	@	<u>23.40</u>	<u>201.24</u>
CHLORIDE		@		
ASC		@		
<u>9/16 seal 63 1/2 #</u>		@	<u>2.97</u>	<u>187.11</u>
		@		
		@		
		@		
		@		
		@		
HANDLING <u>273.55</u>	<u>573</u>	@	<u>2.48</u>	<u>678.40</u>
MILEAGE <u>571.3313</u>	<u>1/m</u>		<u>2.60</u>	<u>1485.96</u>
				TOTAL <u>6244.62</u>

REMARKS:

See job log

Thank you!!

CHARGE TO: Brito

STREET _____
CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>3516</u>		
PUMP TRUCK CHARGE	<u>2600.47</u>		
EXTRA FOOTAGE	@		
MILEAGE <u>50 HVMZ (x2)</u>	@ <u>7.70</u>		<u>770.00</u>
MANIFOLD	@		
<u>50 HVMZ</u>	@ <u>4.40</u>		<u>220.00</u>
	@		
			TOTAL <u>3590.47</u>

PLUG & FLOAT EQUIPMENT

<u>8 5/8 Wooden plug</u>	@ <u>64.80</u>		<u>64.80</u>
	@		
	@		
	@		
	@		
			TOTAL <u>64.80</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 <u>9899.89</u>	_____
DISCOUNT <u>2458.77</u>	_____ IF PAID IN 30 DAYS

PRINTED NAME Merk Basse
SIGNATURE Merk Basse

Net \$ 7441.12

ALLIED OIL & GAS SERVICES, LLC 054962

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Russell KS

DATE <u>1-15-14</u>	SEC <u>32</u>	TWP. <u>6</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>8:00pm</u>	JOB FINISH <u>8:30pm</u>
LEASE <u>Definer-Wilkins</u>	WELL# <u>1-32</u>	LOCATION <u>Stockton KS 9W 5N E 1/4</u>			COUNTY <u>Rooks</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR WW #6

TYPE OF JOB surface

HOLE SIZE 12 1/4 T.D. 219

CASING SIZE 8 5/8 23' DEPTH 219

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 15'

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 12 3/4 bbl

OWNER _____

CEMENT AMOUNT ORDERED 150 com 390cc 290gal

EQUIPMENT

PUMP TRUCK # 409 CEMENTER Robert Y

BULK TRUCK # 378 HELPER Stephen D

BULK TRUCK # _____ DRIVER Kevin R

BULK TRUCK # _____ DRIVER _____

COMMON	<u>150</u>	@	<u>17.90</u>	<u>2685.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>23.40</u>	<u>70.20</u>
CHLORIDE	<u>5</u>	@	<u>64.00</u>	<u>320.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>162.09</u>	@	<u>2.48</u>	<u>401.99</u>
MILEAGE	<u>370</u>	@	<u>2.60</u>	<u>962.00</u>
				TOTAL <u>4439.19</u>

REMARKS:

see log

cement did circulate to surface

Thank you!!

CHARGE TO: Brito Oil

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>219</u>		
PUMP TRUCK CHARGE	<u>1512.25</u>		
EXTRA FOOTAGE		@	
MILEAGE	<u>50 HVMT</u>	@	<u>7.70 x 2</u> <u>770.00</u>
MANIFOLD	<u>50 LVMT</u>	@	<u>4.40</u> <u>220.00</u>
		@	
TOTAL <u>2502.25</u>			

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.

PRINTED NAME Mark Bigge

SIGNATURE Mark Bigge

SALES TAX (If Any) _____

TOTAL CHARGES 6941.44

DISCOUNT 1735.36 IF PAID IN 30 DAYS

net \$ 5206.08



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Brito Oil Company Inc
1223 N.Wallace,BLDG.1
Suite 100
Wichita Ks 67206
ATTN: Raul Brito, Ken Wall

32-6s-19w Rooks

Dettmer-Wilkens#1-32

Job Ticket: 56226

DST#: 2

Test Start: 2014.01.19 @ 10:30:27

GENERAL INFORMATION:

Formation: **LKC B-D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:04:37

Time Test Ended: 15:26:21

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 70

Interval: 3292.00 ft (KB) To 3331.00 ft (KB) (TVD)

Total Depth: 3331.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2048.00 ft (KB)

2043.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8369

Inside

Press @ Run Depth: 15.66 psig @ 3299.00 ft (KB)

Start Date: 2014.01.19

End Date: 2014.01.19

Start Time: 10:30:27

End Time: 15:26:21

Capacity: 8000.00 psig

Last Calib.: 2014.01.19

Time On Btm: 2014.01.19 @ 12:02:22

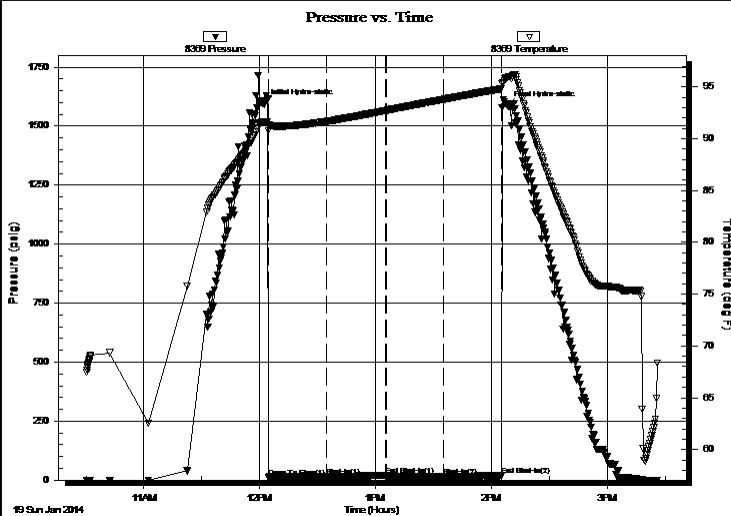
Time Off Btm: 2014.01.19 @ 14:08:22

TEST COMMENT: 30-IFP-surface bl , died in 20min

30-ISIP-no bl bk

30-FFP-no bl

30-FSIP-bo bl bk



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1593.14	91.60	Initial Hydro-static
3	13.35	90.74	Open To Flow (1)
33	16.04	91.66	Shut-In(1)
63	20.91	92.72	End Shut-In(1)
64	14.63	92.72	Open To Flow (2)
93	15.66	93.79	Shut-In(2)
123	18.38	94.81	End Shut-In(2)
126	1586.27	95.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Mud	0.00

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Brito Oil Company Inc
 1223 N.Wallace,BLDG.1
 Suite 100
 Wichita Ks 67206
 ATTN: Raul Brito, Ken Wall

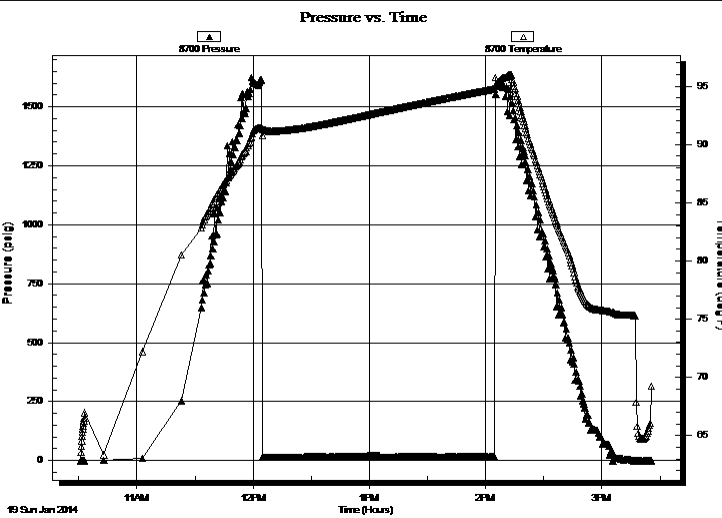
32-6s-19w Rooks
Dettmer-Wilkens#1-32
 Job Ticket: 56226 **DST#: 2**
 Test Start: 2014.01.19 @ 10:30:27

GENERAL INFORMATION:

Formation: **LKC B-D**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:04:37
 Time Test Ended: 15:26:21
 Interval: **3292.00 ft (KB) To 3331.00 ft (KB) (TVD)**
 Total Depth: 3331.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ray Schwager
 Unit No: 70
 Reference Elevations: 2048.00 ft (KB)
 2043.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8700 Outside
 Press @ Run Depth: psig @ 3299.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.01.19 End Date: 2014.01.19 Last Calib.: 2014.01.19
 Start Time: 10:31:03 End Time: 15:25:57 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-IFP-surface bl , died in 20min
 30-ISIP-no bl bk
 30-FFP-no bl
 30-FSIP-bo bl bk



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Mud	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company Inc
1223 N.Wallace,BLDG.1
Suite 100
Wichita Ks 67206
ATTN: Raul Brito, Ken Wall

32-6s-19w Rooks
Dettmer-Wilkens#1-32
Job Ticket: 56226 **DST#: 2**
Test Start: 2014.01.19 @ 10:30:27

Mud and Cushion Information

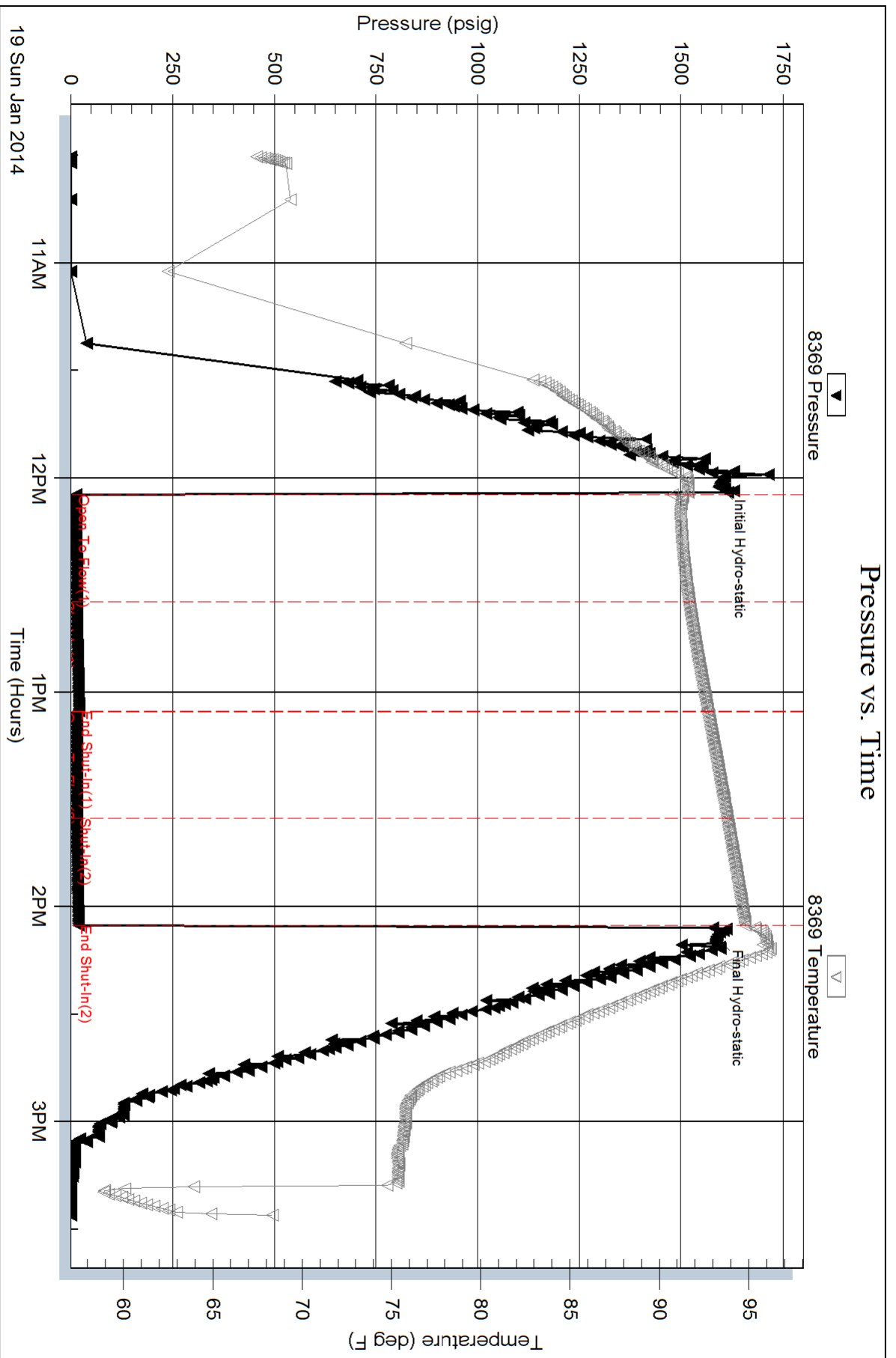
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1200.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	Mud	0.005

Total Length: 1.00 ft Total Volume: 0.005 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

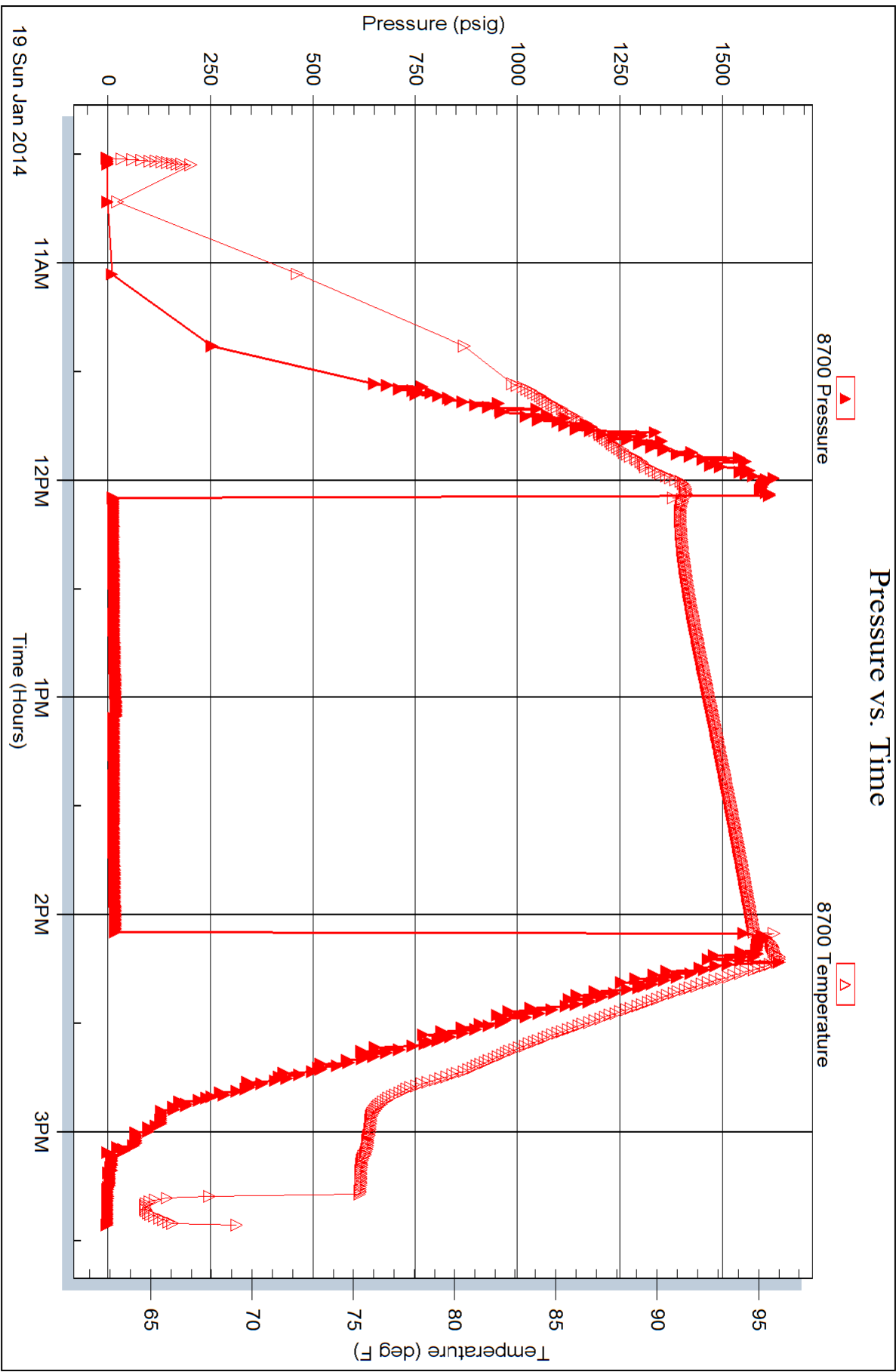


Serial #: 8700

Outside Brito Oil Company Inc

Detmer-Wilkens#1-32

DST Test Number: 2





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Brito Oil Company Inc
 1223 N.Wallace,BLDG.1
 Suite 100
 Wichita Ks 67206
 ATTN: Raul Brito, Ken Wall

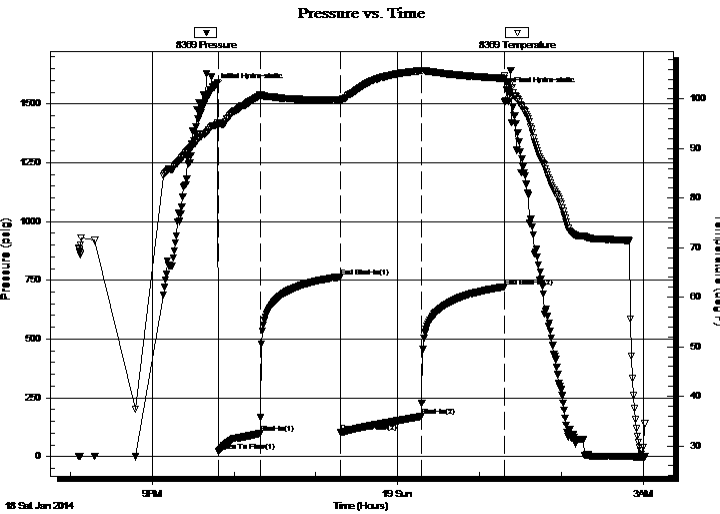
32-6s-19w Rooks
Dettmer-Wilkens#1-32
 Job Ticket: 55475 **DST#: 1**
 Test Start: 2014.01.18 @ 20:05:51

GENERAL INFORMATION:

Formation: **Tor / LKC A**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 21:48:31 Tester: Ray Schwager
 Time Test Ended: 03:01:45 Unit No: 70
 Interval: **3221.00 ft (KB) To 3285.00 ft (KB) (TVD)** Reference Elevations: 2048.00 ft (KB)
 Total Depth: 3285.00 ft (KB) (TVD) 2043.00 ft (CF)
 Hole Diameter: 7.85 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 8369 Inside
 Press @ Run Depth: 170.66 psig @ 3225.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.01.18 End Date: 2014.01.19 Last Calib.: 2014.01.19
 Start Time: 20:05:51 End Time: 03:01:45 Time On Btm: 2014.01.18 @ 21:45:31
 Time Off Btm: 2014.01.19 @ 01:20:45

TEST COMMENT: 30-IFP-w k to a strg bl 1"to bottom of bucket
 60-ISIP-no bl bk
 60-FFP-w k to a gd bl surface to a 6 1/2"bl
 60-FSIP-no bl bk



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1568.87	94.61	Initial Hydro-static
3	20.93	94.82	Open To Flow (1)
34	98.30	100.75	Shut-In(1)
93	764.32	99.82	End Shut-In(1)
93	101.88	99.63	Open To Flow (2)
152	170.66	105.69	Shut-In(2)
213	722.26	104.16	End Shut-In(2)
216	1551.29	103.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	Water	2.27
90.00	MW 40%M60%W	1.26

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company Inc
1223 N.Wallace,BLDG.1
Suite 100
Wichita Ks 67206
ATTN: Raul Brito, Ken Wall

32-6s-19w Rooks
Dettmer-Wilkens#1-32
Job Ticket: 55475 **DST#: 1**
Test Start: 2014.01.18 @ 20:05:51

Mud and Cushion Information

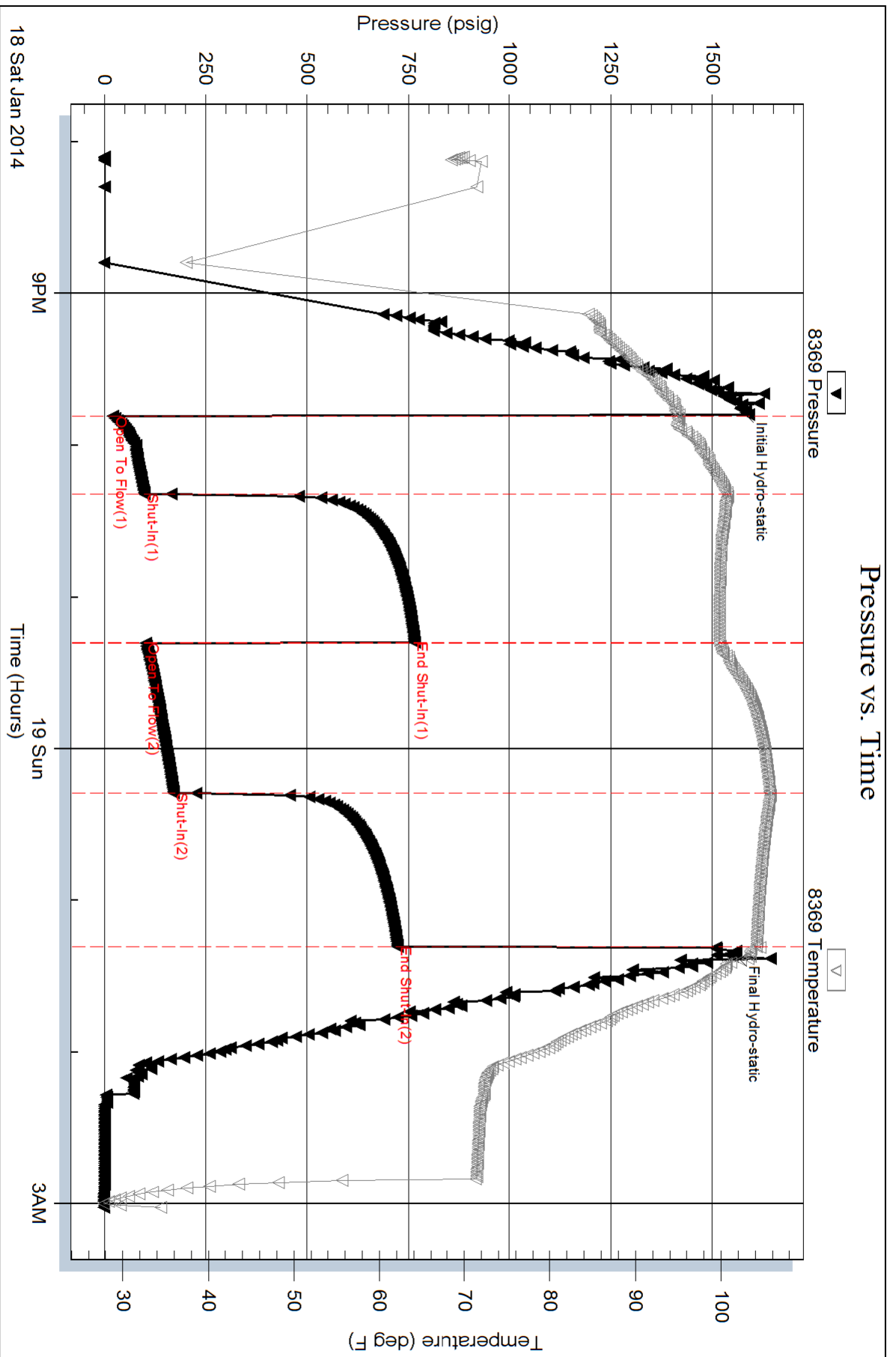
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	76000 ppm
Viscosity: 67.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.00 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1100.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
240.00	Water	2.273
90.00	MW 40%M60%W	1.262

Total Length: 330.00 ft Total Volume: 3.535 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RW .1 @ 70F





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Brito Oil Company Inc
1223 N.Wallace,BLDG.1
Suite 100
Wichita Ks 67206
ATTN: Raul Brito, Ken Wall

32-6s-19w Rooks
Dettmer-Wilkens#1-32
Job Ticket: 56227 **DST#: 3**
Test Start: 2014.01.20 @ 01:10:45

GENERAL INFORMATION:

Formation: **LKC H-I**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:45:25
Time Test Ended: 07:46:39
Interval: **3380.00 ft (KB) To 3428.00 ft (KB) (TVD)**
Total Depth: 3428.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair
Reference Elevations: 2048.00 ft (KB)
2043.00 ft (CF)
KB to GR/CF: 5.00 ft
Test Type: Conventional Bottom Hole (Reset)
Tester: Ray Schwager
Unit No: 70

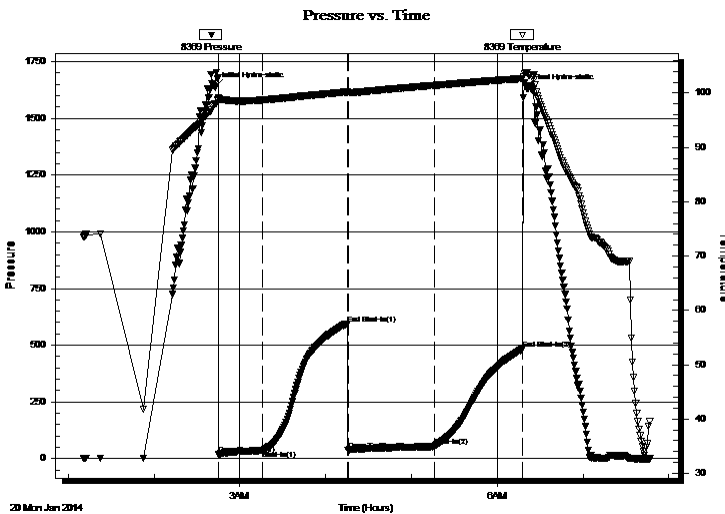
Serial #: 8369

Inside

Press @ Run Depth: 55.75 psig @ 3392.00 ft (KB)
Start Date: 2014.01.20 End Date: 2014.01.20
Start Time: 01:10:45 End Time: 07:46:39
Capacity: 8000.00 psig
Last Calib.: 2014.01.20
Time On Btm: 2014.01.20 @ 02:42:55
Time Off Btm: 2014.01.20 @ 06:20:39

TEST COMMENT: 30-IFP-w k bl thru-out 1/2" to 1 1/2" bl
60-ISIP-no bl
60-FFP-w k bl thru-out surface to 1/2" bl
60-FSIP-no bl

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1638.78	98.01	Initial Hydro-static
3	19.53	98.63	Open To Flow (1)
33	35.86	98.73	Shut-In(1)
93	594.75	100.20	End Shut-In(1)
93	38.10	100.07	Open To Flow (2)
153	55.75	101.41	Shut-In(2)
215	482.93	102.65	End Shut-In(2)
218	1633.55	103.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	80'GIP	0.00
15.00	CO	0.07
60.00	MGO 10%G40%M50%O	0.30

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company Inc
1223 N.Wallace,BLDG.1
Suite 100
Wichita Ks 67206
ATTN: Raul Brito, Ken Wall

32-6s-19w Rooks
Dettmer-Wilkens#1-32
Job Ticket: 56227 **DST#: 3**
Test Start: 2014.01.20 @ 01:10:45

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 37 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 67.00 sec/qt	Cushion Volume: bbl	
Water Loss: 5.98 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1100.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

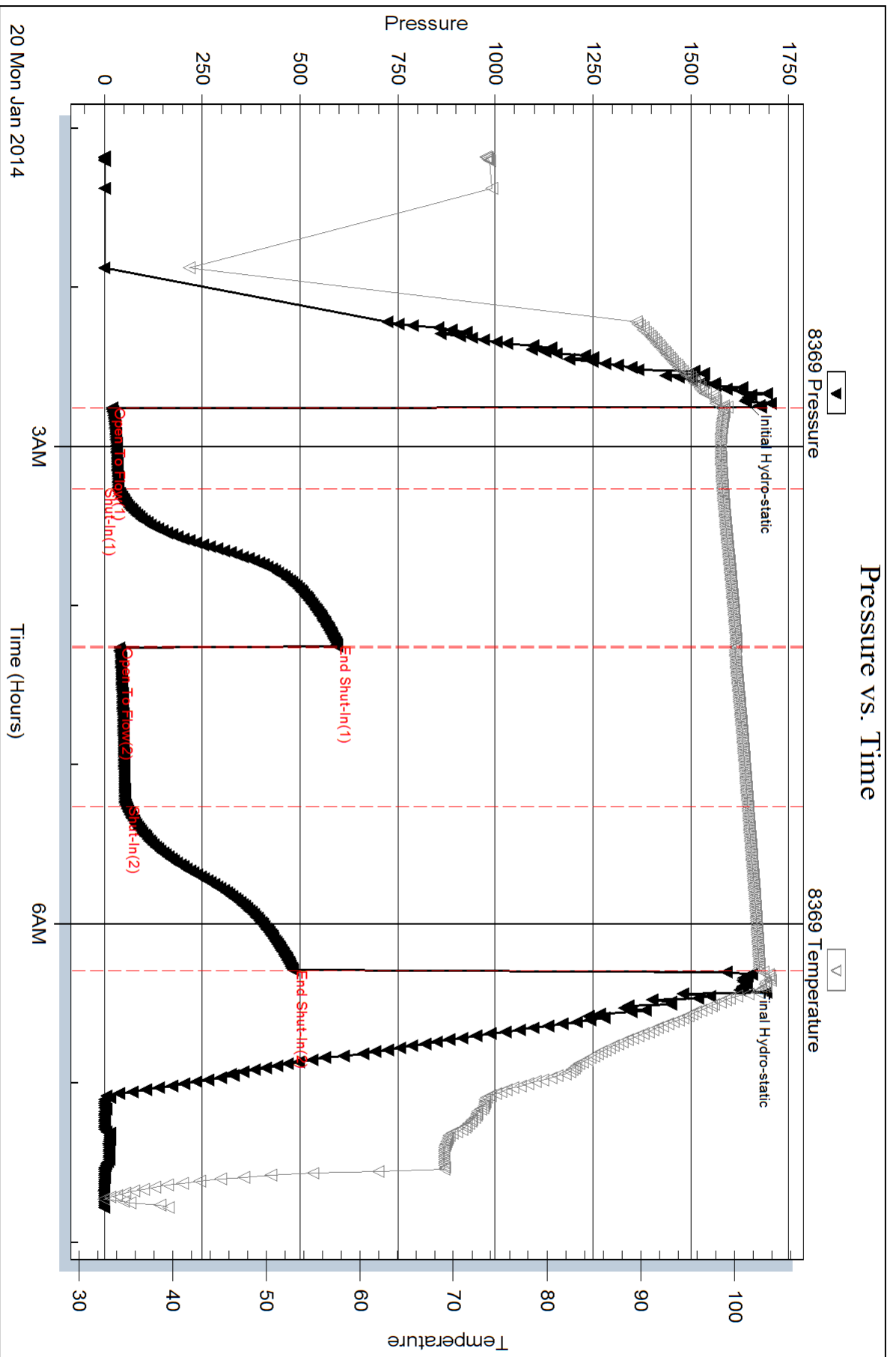
Length ft	Description	Volume bbl
0.00	80'GIP	0.000
15.00	CO	0.074
60.00	MGO 10%G40%M50%O	0.295

Total Length: 75.00 ft Total Volume: 0.369 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Brito Oil Company Inc
 1223 N.Wallace,BLDG.1
 Suite 100
 Wichita Ks 67206
 ATTN: Raul Brito, Ken Wall

32-6s-19w Rooks
Dettmer-Wilkens#1-32
 Job Ticket: 56228 **DST#: 4**
 Test Start: 2014.01.20 @ 13:01:04

GENERAL INFORMATION:

Formation: **LKC "J"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:35:29
 Time Test Ended: 17:58:28
 Interval: **3428.00 ft (KB) To 3446.00 ft (KB) (TVD)**
 Total Depth: 3446.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ray Schwager
 Unit No: 70
 Reference Elevations: 2048.00 ft (KB)
 2043.00 ft (CF)
 KB to GR/CF: 5.00 ft

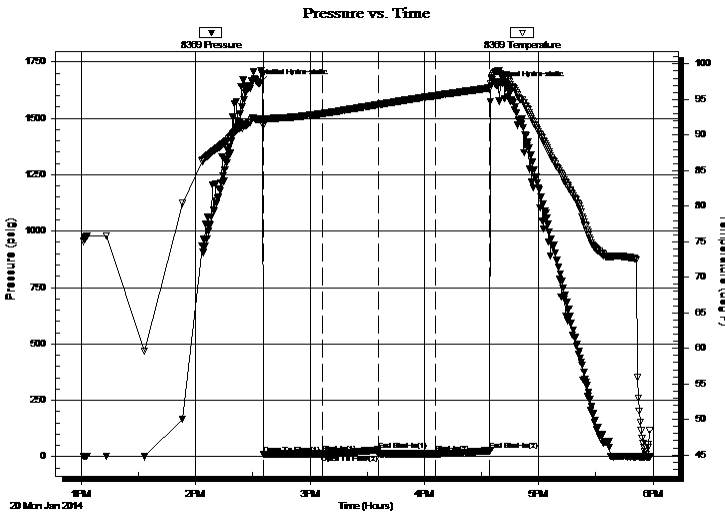
Serial #: 8369

Inside

Press @ Run Depth: 13.35 psig @ 3429.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.01.20 End Date: 2014.01.20 Last Calib.: 2014.01.20
 Start Time: 13:01:04 End Time: 17:58:28 Time On Btm: 2014.01.20 @ 14:33:29
 Time Off Btm: 2014.01.20 @ 16:37:59

TEST COMMENT: 30-IFP-surface bl, died in 8min
 30-ISIP-no bl
 30-FFP-no bl
 30FSIP-no bl

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1652.26	92.21	Initial Hydro-static
2	11.09	91.36	Open To Flow (1)
33	13.52	93.01	Shut-In(1)
63	29.54	94.28	End Shut-In(1)
63	12.24	94.29	Open To Flow (2)
93	13.35	95.54	Shut-In(2)
121	27.17	96.61	End Shut-In(2)
125	1643.81	98.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	OCM 10%O90%M	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

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Wichita Ks 67206
ATTN: Raul Brito, Ken Wall

32-6s-19w Rooks
Dettmer-Wilkens#1-32
Job Ticket: 56228 **DST#: 4**
Test Start: 2014.01.20 @ 13:01:04

Mud and Cushion Information

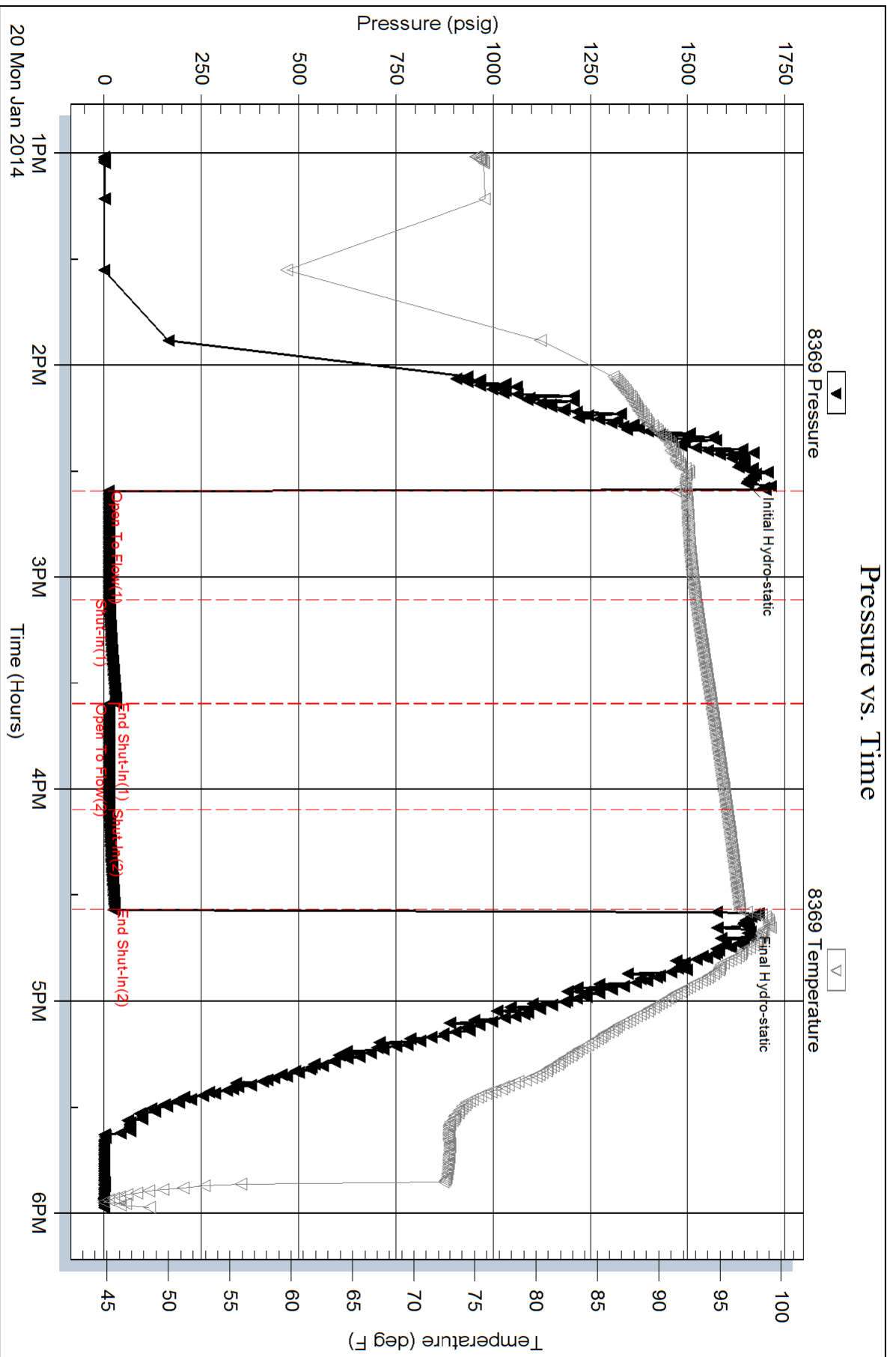
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 65.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.40 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1200.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	OCM 10%O90%M	0.005

Total Length: 1.00 ft Total Volume: 0.005 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Brito Oil Company Inc
 1223 N.Wallace,BLDG.1
 Suite 100
 Wichita Ks 67206
 ATTN: Raul Brito, Ken Wall

32-6s-19w Rooks

Dettmer-Wilkens#1-32

Job Ticket: 56229

DST#: 5

Test Start: 2014.01.21 @ 03:45:57

GENERAL INFORMATION:

Formation: **Marm. / Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:36:52
 Time Test Ended: 09:06:21
 Interval: **3498.00 ft (KB) To 3541.00 ft (KB) (TVD)**
 Total Depth: 3541.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ray Schwager
 Unit No: 70
 Reference Elevations: 2048.00 ft (KB)
 2043.00 ft (CF)
 KB to GR/CF: 5.00 ft

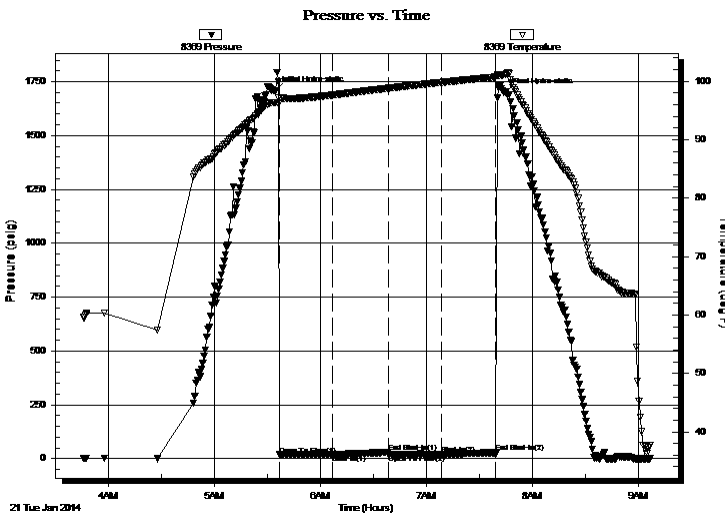
Serial #: 8369

Inside

Press @ Run Depth: 21.25 psig @ 3505.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.01.21 End Date: 2014.01.21 Last Calib.: 2014.01.21
 Start Time: 03:45:57 End Time: 09:06:21 Time On Btm: 2014.01.21 @ 05:34:22
 Time Off Btm: 2014.01.21 @ 07:44:22

TEST COMMENT: 30-IFP-w k bl thru-out 1/4" to surface bl
 30-ISIP-no bl
 30-no bl
 30-FSIP-no bl

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1706.44	96.37	Initial Hydro-static
3	18.20	96.37	Open To Flow (1)
33	20.50	97.67	Shut-In(1)
64	30.60	98.83	End Shut-In(1)
65	20.03	98.84	Open To Flow (2)
94	21.25	99.83	Shut-In(2)
125	28.60	100.74	End Shut-In(2)
130	1698.84	101.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	MUD	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company Inc
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Suite 100
Wichita Ks 67206
ATTN: Raul Brito, Ken Wall

32-6s-19w Rooks
Dettmer-Wilkens#1-32
Job Ticket: 56229 **DST#: 5**
Test Start: 2014.01.21 @ 03:45:57

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: 65.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.40 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1200.00 ppm			
Filter Cake: 1.00 inches			

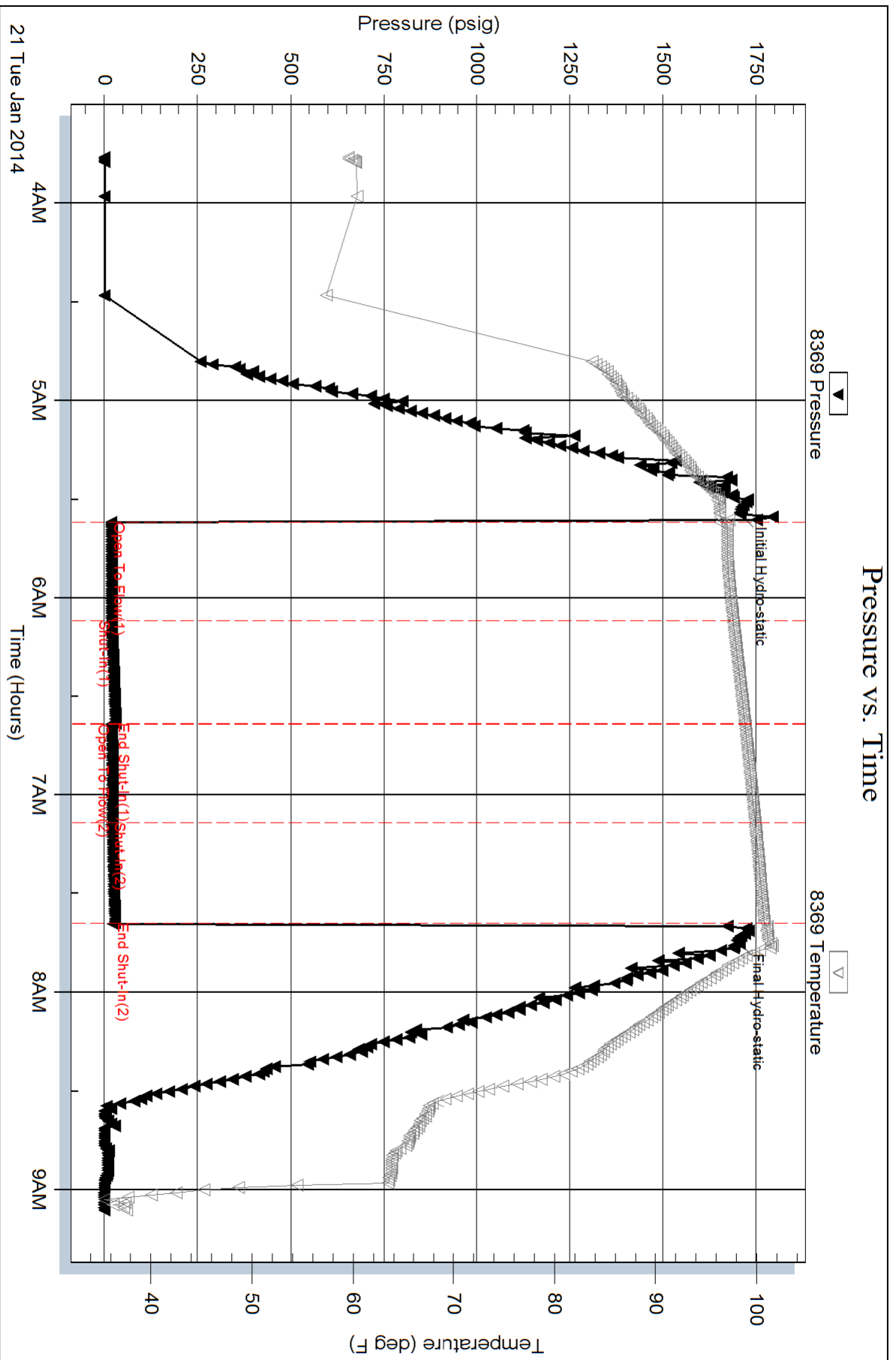
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	MUD	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Brito Oil Company Inc
1223 N.Wallace,BLDG.1
Suite 100
Wichita Ks 67206
ATTN: Raul Brito, Ken Wall

32-6s-19w Rooks

Dettmer-Wilkens#1-32

Job Ticket: 56230

DST#: 6

Test Start: 2014.01.21 @ 15:05:05

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:55:15

Time Test Ended: 22:47:29

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 70

Interval: 3526.00 ft (KB) To 3555.00 ft (KB) (TVD)

Reference Elevations: 2048.00 ft (KB)

Total Depth: 3555.00 ft (KB) (TVD)

2043.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8369 Inside

Press @RunDepth: 104.79 psig @ 3532.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.21

End Date:

2014.01.21

Last Calib.:

2014.01.21

Start Time:

15:05:05

End Time:

22:47:29

Time On Btm:

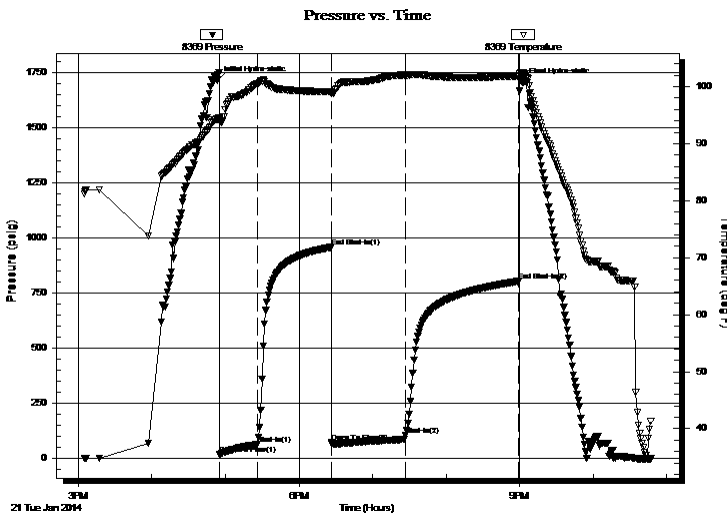
2014.01.21 @ 16:53:15

Time Off Btm:

2014.01.21 @ 21:02:14

TEST COMMENT: 30-IFP-w k to a gd bl 1/2"to 6 1/2"bl
60-ISIP-surface bl bk
60-FFP-w k to a fr bl , surface to 5"bl
90-FSIP-no bl

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1713.61	94.29	Initial Hydro-static
2	18.77	93.97	Open To Flow (1)
33	66.17	100.47	Shut-In(1)
93	957.56	99.13	End Shut-In(1)
94	74.37	98.74	Open To Flow (2)
154	104.79	101.99	Shut-In(2)
246	802.76	101.85	End Shut-In(2)
249	1703.77	102.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	110'GIP	0.00
120.00	MGO 20%G30%M50%O	0.59
70.00	CO	0.98

Gas Rates

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

* Recovery from multiple tests



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DRILL STEM TEST REPORT

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Suite 100
Wichita Ks 67206
ATTN: Raul Brito, Ken Wall

32-6s-19w Rooks
Dettmer-Wilkens#1-32
Job Ticket: 56230 **DST#: 6**
Test Start: 2014.01.21 @ 15:05:05

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 20 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 67.00 sec/qt	Cushion Volume: bbl	
Water Loss: 5.93 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1100.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

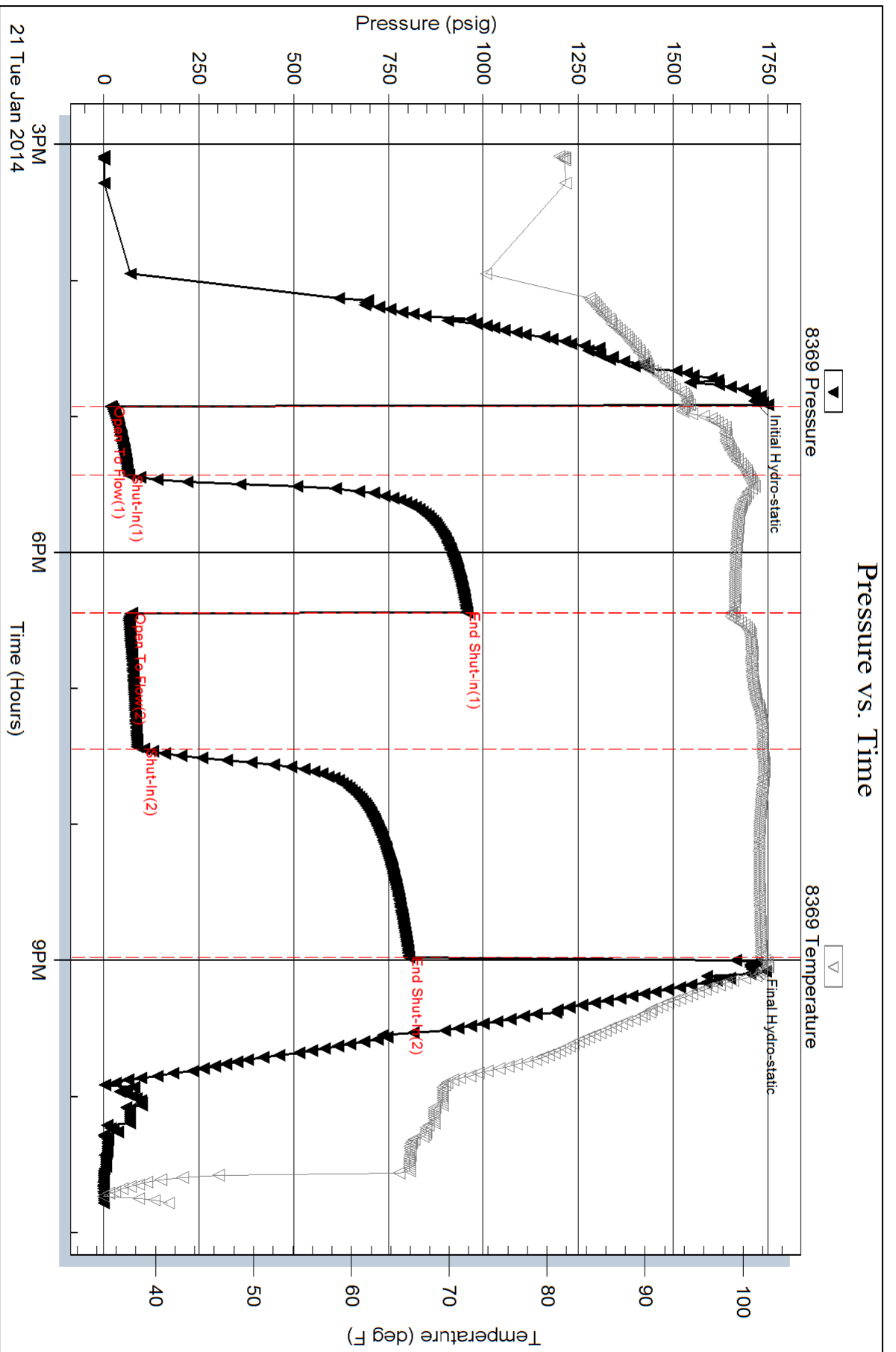
Length ft	Description	Volume bbl
0.00	110'GIP	0.000
120.00	MGO 20%G30%M50%O	0.590
70.00	CO	0.982

Total Length: 190.00 ft Total Volume: 1.572 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

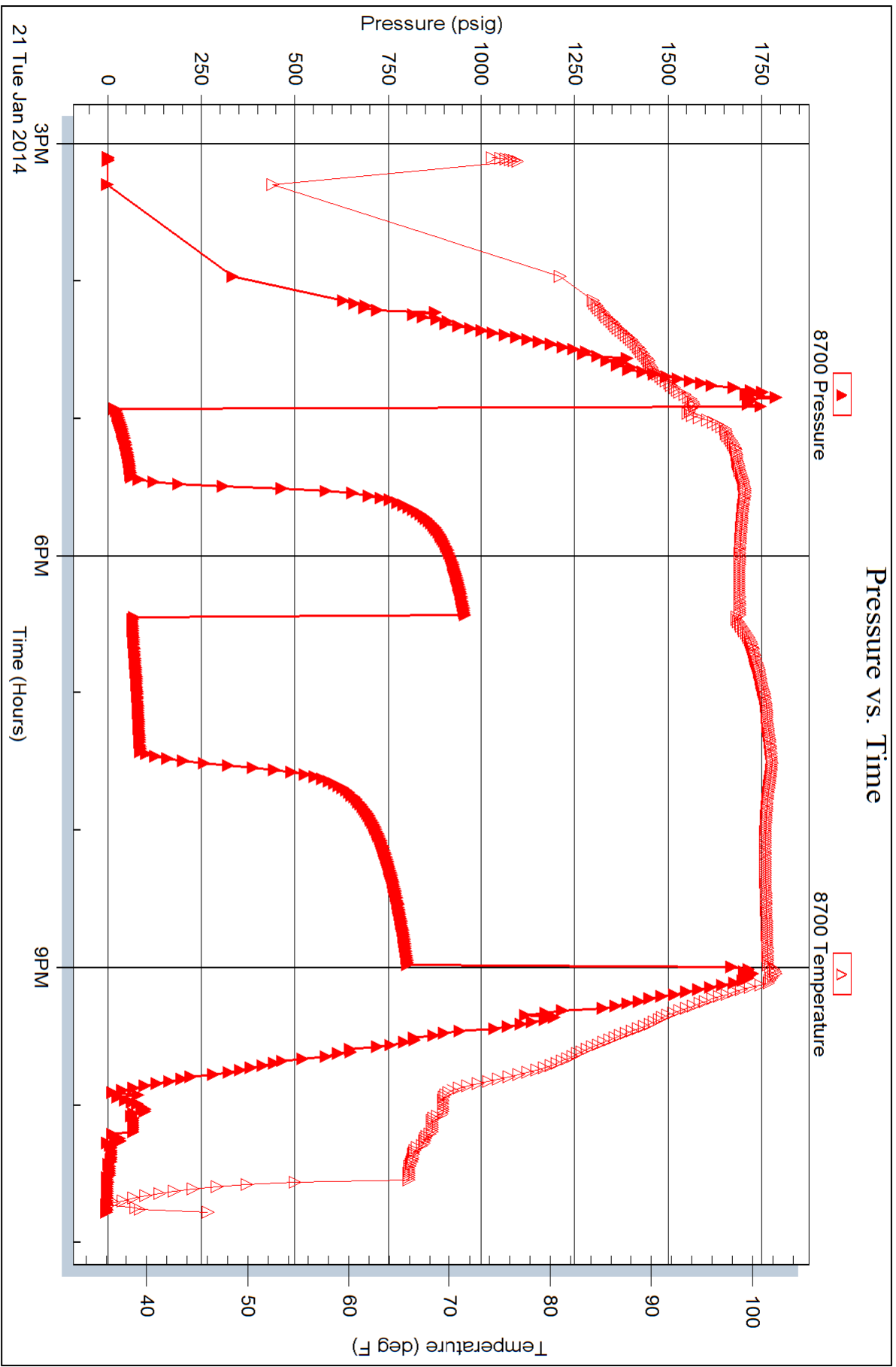


Serial #: 8700

Outside Brito Oil Company Inc

Detmer-Wilkens#1-32

DST Test Number: 6

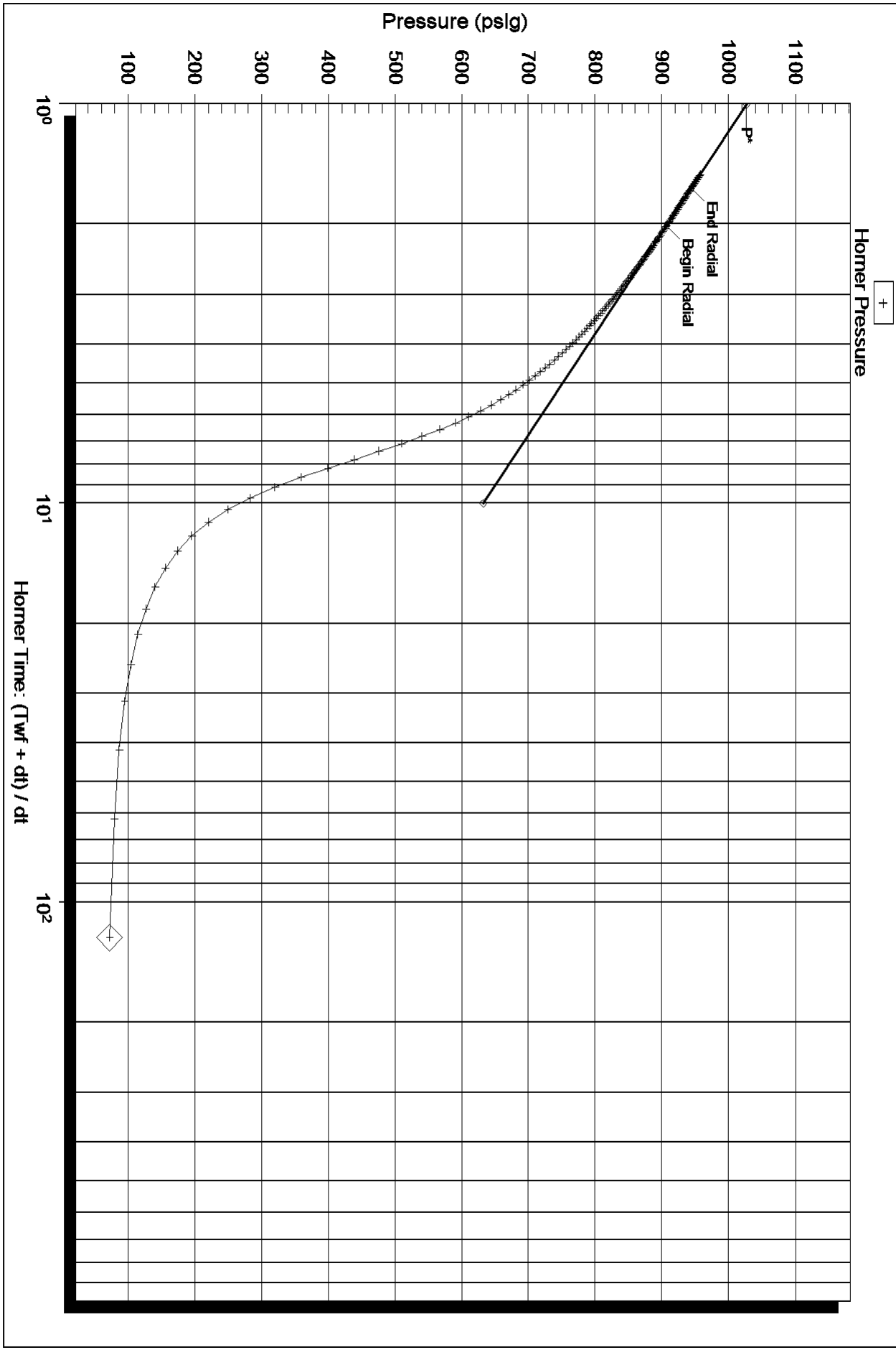


Trilobite Testing, Inc

Ref. No: 56230

Printed: 2014.01.22 @ 04:01:10

Horner Plot



Serial Number: 8369 (Inside)

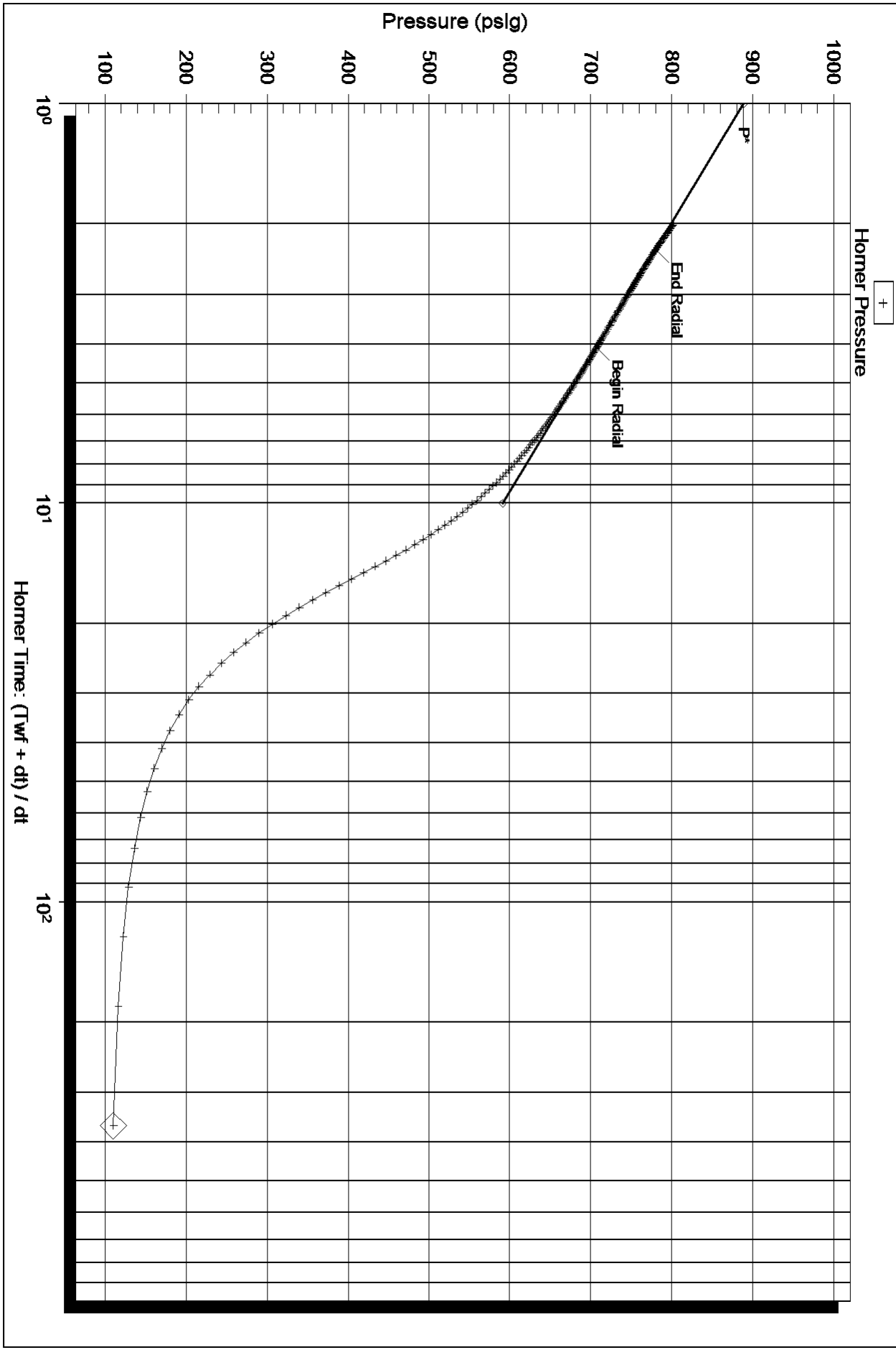
P* : 1027.01

Slope (m) : 394.13 kpa/log cycle

Flow Cycle: 1

Horner Time: (T_{wf} + dt) / dt

Horner Plot



Serial Number: 8369 (Inside)

P* : 888.61

Slope (m) : 297.29 kpa/log cycle

Flow Cycle: 2

Horner Time: (Twf + dt) / dt



**TRILOBITE
TESTING, INC.**

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Suite 100
Wichita Ks 67206
ATTN: Raul Brito, Ken Wall

32-6s-19w Rooks

Dettmer-Wilkens#1-32

Job Ticket: 56231

DST#: 7

Test Start: 2014.01.22 @ 04:00:57

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:55:52

Time Test Ended: 11:52:36

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 70

Interval: 3548.00 ft (KB) To 3565.00 ft (KB) (TVD)

Total Depth: 3565.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2048.00 ft (KB)

2043.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8369

Inside

Press @ Run Depth: 86.18 psig @ 3549.00 ft (KB)

Start Date: 2014.01.22

End Date: 2014.01.22

Start Time: 04:00:57

End Time: 11:52:36

Capacity: 8000.00 psig

Last Calib.: 2014.01.22

Time On Btm: 2014.01.22 @ 05:53:07

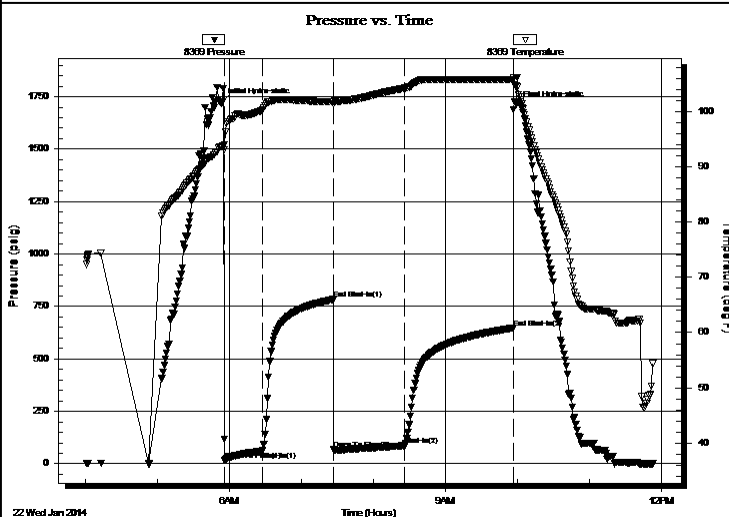
Time Off Btm: 2014.01.22 @ 09:58:51

TEST COMMENT: 30-IFP-w k to a fr bl 1" to 5" bl

60-ISIP-no bl

60-FFP-w k to a fr bl 1/4" to 3 1/2" bl

90-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1720.74	93.59	Initial Hydro-static
3	18.23	93.95	Open To Flow (1)
35	59.44	100.21	Shut-In(1)
94	783.47	101.71	End Shut-In(1)
94	69.97	101.44	Open To Flow (2)
153	86.18	104.18	Shut-In(2)
244	646.99	105.70	End Shut-In(2)
246	1709.66	104.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	MGO 15%G10%M75%O	0.15
215.00	CO	2.20

Gas Rates

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

* Recovery from multiple tests



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TESTING, INC.**

DRILL STEM TEST REPORT

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ATTN: Raul Brito, Ken Wall

32-6s-19w Rooks
Dettmer-Wilkens#1-32
Job Ticket: 56231 **DST#: 7**
Test Start: 2014.01.22 @ 04:00:57

Mud and Cushion Information

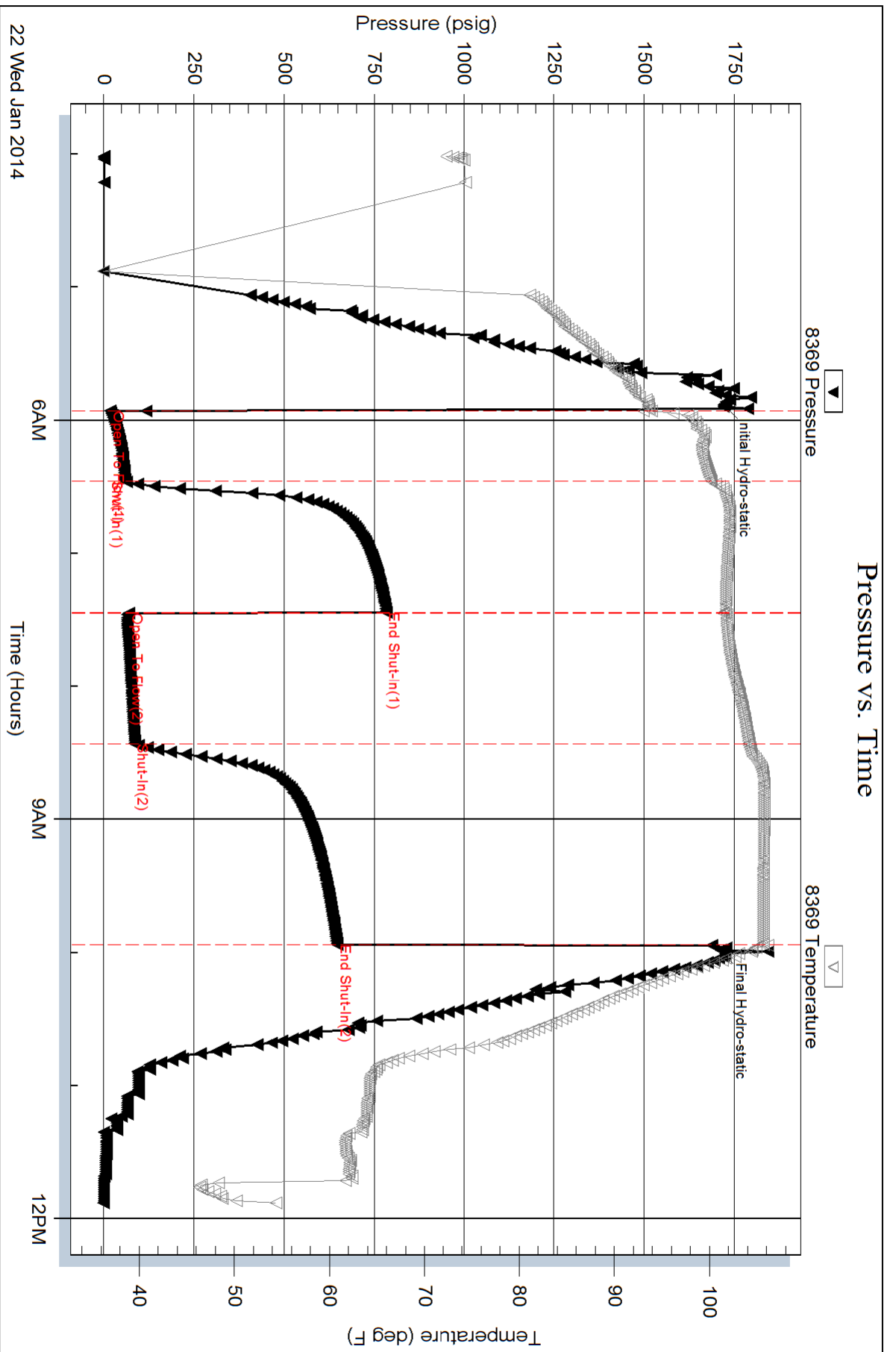
Mud Type: Gel Chem	Cushion Type:	Oil API: 21 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 60.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.00 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1200.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	MGO 15%G10%M75%O	0.148
215.00	CO	2.196

Total Length: 245.00 ft Total Volume: 2.344 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:



GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY Brito Oil Company, Inc.

LEASE Detmer-Wilkens #1-32

FIELD _____

LOCATION 2640' FNL + 330' FWL

SEC 32 TWP 6S RGE 19W

COUNTY Rooks STATE Ks

CONTRACTOR W.W. Drilling, Rig 6

SPUD 1-15-14 COMP 1-23-14

RTD 3630 LTD _____

MUD UP 3000' TYPE MUD Chem

ELEVATIONS

KB 2648'

DF _____

GL 2043'

Measurements Are All From KB

SURFACE CASING 8 5/8" @ 218

PRODUCTION _____

ELECTRICAL SURVEYS

DI, Comp D₆, MR

SAMPLES SAVED FROM 3000 TO RTD

DRILLING TIME KEPT FROM 2900 TO RTD

SAMPLES EXAMINED FROM 3000 TO RTD

GEOLOGICAL SUPERVISION FROM 3000 TO RTD

GEOLOGIST ON WELL Ken Wallace

FORMATION TOPS LOG SAMPLES

FORMATION TOPS	LOG	SAMPLES
Anhydrite	1607 (+44)	1606 (+492)
B/Alh	1638 (+410)	1637 (+411)
Topok	3026 (-978)	3026 (-978)
Heebner	3225 (-1177)	3226 (-1178)
Lansing	3264 (-1216)	3267 (-1219)
B/Kc	3488 (-1440)	3486 (-1438)
Arbuckle	3540 (-1492)	3536 (-1488)
Reagan	3593 (-1545)	3594 (-1546)
Gravite Wash	3610 (-1562)	3614 (-1566)










32

REMARKS Negative DSTS - Plugged & Abd

Ken Wallace

1-15-14 MIRU. Set 8 5/8" @ 218' w/ 150 SX
 1-16-14 Drlg @ 494'
 1-17-14 Drlg @ 2357'
 1-18-14 Drlg @ 3137'
 1-19-14 Drlg @ 3310'
 1-20-14 OOH w/ DST #3
 1-21-14 OOH w/ DST #5
 1-22-14 Running DST #7
 1-23-14 Ran Log. P&A

LEGEND

								
Anhydrite	Salt	Sandstone	Shale	Carb sh	Limestone	Ool.Lime	Chert	Dolomite

SCALE " = 100'

DRILLING TIME - Minutes Per Foot
 Rate of Penetration Decreases

SAMPLE DESCRIPTIONS

REMARKS

1600

Anhydrite 1606 (+442)

20

B/ Anhydrite 1637' (+411)

40

60

3000

20

Topeka 3026' (-978)

sh, gy-dkgy

Ls, buff, foss, grny, foss
(dkgy foss-gastrop), NS

40

Ls, buff, vfgd, foss, NS

60

(SD)

Ls, buff, ool, foss, sptd str,
SSFO (hvy oil, f-p ppt φ,
p v g φ, NO, NFL

sh, bl

sh, itgg, vcalc

80

Ls, buff-tan, ool, foss,
NS

© CFS 3088'

Vis 70+
wt 8.9
LCM 2#

3100

Ls, ltgy-wh, ool, foss,
dkgy mtd, cky, NS

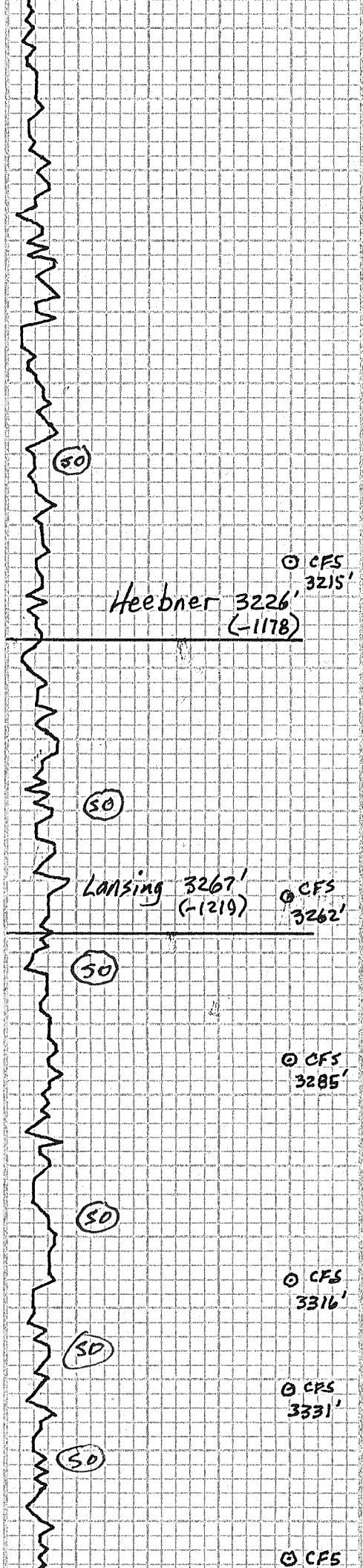
20

AA

sh, bl

Ls, tan-brwn, vargl; sh,
red, gy

40
60
80
3200
20
40
60
80
3300
20
40



sh, red, gy

Ls, wh-ltgy, cky, pyr,
NS

sh, red, gy

sh, bl

Ls, brwn, m-fl, cky,
NS

Ls, tan, ool, foss, fugφ,
vssfo, sl, 5% sptd
stn, sm dd stn, NFL

Ls, Hgy-wh, vaty

sh, bl

sh, red, gy, grn, pyr

Ls, wh, ool, foss, dse,
fw pcs fugφ, ssfo, <5%
stn, NO, NFL

sh, red, gy

Ls, wh, ool, foss, pug/IGφ,
ssfo, 20% sptd stn,
gd od, sm GB, tr brite FL

15" AA, 40% stn, ssfo,
vstrg od

sh, bl

sh, red, grn, gy, foss

Ls, tan, ool, foss, pugφ,
ssfo, 2 pcs GSB, edge
stn (10%), pFL, NO

15" Ls, tan, fl-dse,
cky, NS

Ls, wh-ltgy, sl ool, dse,
foss, p-fugφ, ssfo,
100% sptd stn, sl od,
tr FL

Ls, wh ool, foss, cky-dse,
ppptφ (trite), ssfo,
15% stn, sl od, tr FL

Ls tan. fl-dse. cky

change chart

Vis 65
wt 9.2
LCM 2#

Heebner 3226'
(-1178)

⊙ CFS
3215'

Lansing 3267'
(-1219)

⊙ CFS
3262'

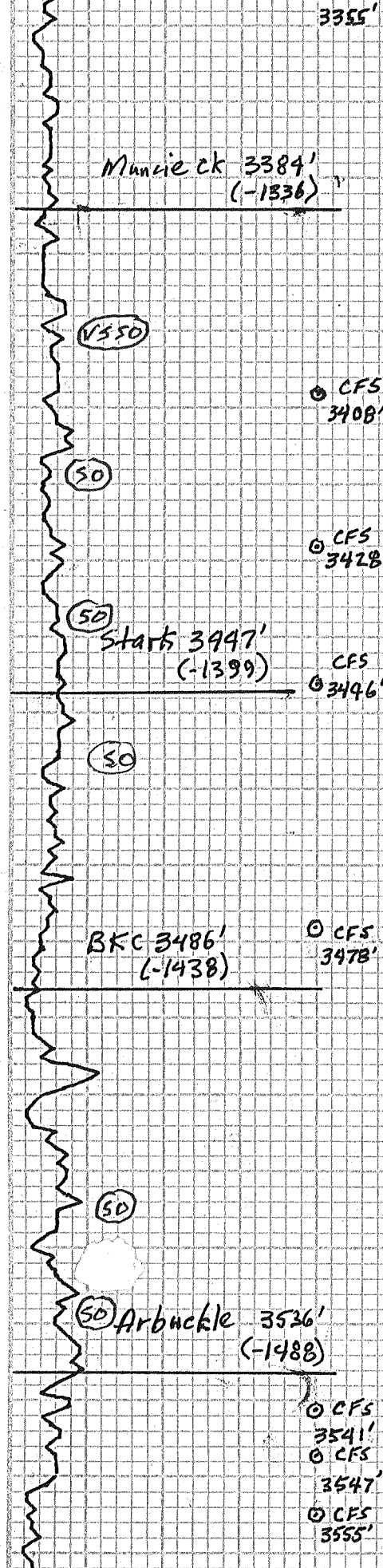
⊙ CFS
3285'

⊙ CFS
3316'

⊙ CFS
3331'

⊙ CFS

60
80
3400
20
40
60
80
3500
20
40
60



3355' NS
 Ls, wh-tan, sl ool, cky, NS
 Ls, Hgy - fmxh, cky, sl Aty, NS
 sh, bl
 sh, grn, red, gy; sm argl LS
 Ls, Hgy, fx-grny, vAty, tr sptd stn, tr fo, NFD, NO, NFL
 CFS 3408'
 sh, gy, red
 Ls, buff, sl ool, foss, f-p v g φ, FSFO/GB, sptd stn (20%), sm sat stn, FFL
 CFS 3428'
 15" Ls, tan, cky, sptd stn, tr fo, tr v g φ, NO, NFL
 CFS 3446'
 Ls, tan-buff, vfxln, cky ppt φ, tr v g φ, GSO, 30% sptd stn, FFL, sl ool w tr oolm φ NO
 15" Ls, buff, v foss, sl ool, gd stn, USSFO, pug φ
 Ls, tan-buff, fxh, px φ, pug φ, FSFO, 15% sptd stn, NO, FFL
 sh, bl
 Ls, tan, sm brw, dse-cky NS
 sh, red, gy
 Ls, gy, ool, foss, dk gy ool, NS
 sh, red, gy
 Ls, red/gy, fgrnd, much red sh, NS
 Ls, wh, cxl, ool, fug φ, SSFO, dk gy hvy oil, 30% stn, NO, NF
 50 Arbuckle 3526' (-1488)
 Ls, AA, fso, gd sptd stn (60%) ppt φ, pug φ, foss
 CFS 3541'
 CFS 3547'
 CFS 3555'
 Dol, brun-gy, vtsucro, dse, 1pc pug φ, dd stn, NFO, NO
 Dol, tan, dse, vtsucro, NS, NO
 CFS 3565'
 Dol, Hgy, m-c sucro, gd IG
 v g φ, BSFO, Fad, 15% stn, tr FFL
 3555-30" dol, AA, gd odor, 60% stn
 45" AA
 3565-15/30" - dol Hgy, c sucro, gd v g I G φ, BSFO, much asphalt stn, gd od (50% stn), NFL
 net na head

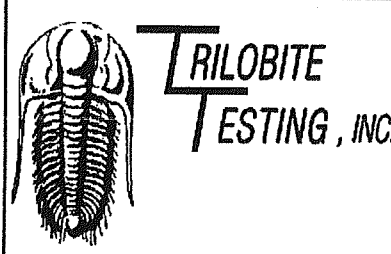
Vis 64
 Wt 9.3
 Lcm 2#
 Vis 65
 Wt 9.3
 Lcm 1 1/2#

80
3600
20
40

Reagan Sd 3594' ⁰CFS 3585' (-1546)
Granite Wash 3614' ⁰CFS 3605' (-1566)
RTD 3630' ⁰CFS 3630' (-1582)

42 30-40% stn.
Dol, 17gy, 9 ug/ISD, NFO, dd
stn (1596), mostly barren
Fol, sandy at base
SS, cl-milky, well rad/srt'd,
v.g.laued, m-c.grd, g.I.G.B,
dol cement, sm pyr, NS, NP, NF
sh, brick red; ss dk pink,
p.srt'd, p rad, gd & biot
(weath biot); sm granite
clasts, pink, hard, NS, NFD, ND
AA, mor sandy, friable, sm
granite clasts, few indv large
sd grns, NF, NS, NO

Vis 52
Wt 9.3
LCM 1



DRILL STEM TEST REPORT

Brito Oil Company Inc **32-6s-19w Rooks**
1223 N.Wallace, BLDG.1 **Dettmer-Wilkens#1-32**
Suite 100
Wichita Ks 67206 Job Ticket: 55475 **DST#: 1**
ATTN: Raul Brito, Ken Wall Test Start: 2014.01.18 @ 20:05:51

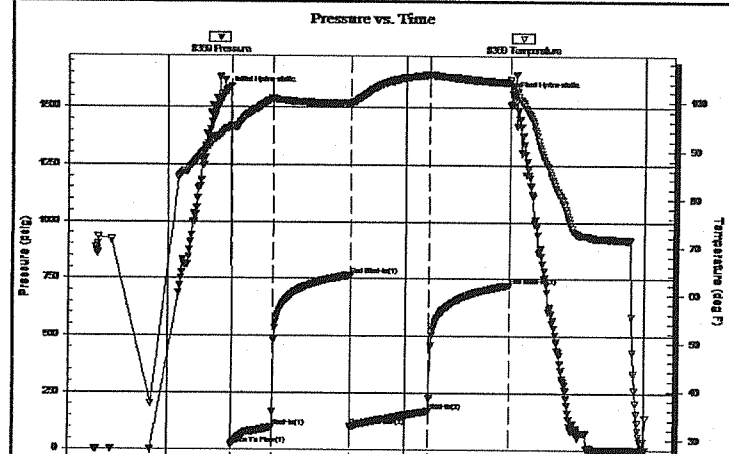
GENERAL INFORMATION:

Formation: **Tor / LKC A**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:48:31
Time Test Ended: 03:01:45
Interval: **3221.00 ft (KB) To 3285.00 ft (KB) (TVD)**
Total Depth: 3285.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair
Reference Elevations: 2048.00 ft (KB)
2043.00 ft (CF)
KB to GR/CF: 5.00 ft

Test Type: Conventional Bottom Hole (Initial)
Tester: Ray Schwager
Unit No: 70

Serial #: 8369 Inside
Press@RunDepth: 170.66 psig @ 3225.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.01.18 End Date: 2014.01.19 Last Calib.: 2014.01.19
Start Time: 20:05:51 End Time: 03:01:45 Time On Btm: 2014.01.18 @ 21:45:31
Time Off Btm: 2014.01.19 @ 01:20:45


TEST COMMENT: 30-IFP-w k to a strg bl 1" to bottom of bucket
60-ISIP-no bl bk
60-FFP-w k to a gd bl surface to a 6 1/2" bl
60-FSIP-no bl bk



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1568.87	94.61	Initial Hydro-static
3	20.93	94.82	Open To Flow (1)
34	98.30	100.75	Shut-In(1)
93	764.32	99.82	End Shut-In(1)
93	101.88	99.63	Open To Flow (2)
152	170.66	105.69	Shut-In(2)
213	722.26	104.16	End Shut-In(2)
216	1551.29	103.45	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
240.00	Water	2.27
90.00	MW 40% M60%W	1.26

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Brito Oil Company Inc
 1223 N.Wallace, BLDG. 1
 Suite 100
 Wichita Ks 67206
 ATTN: Raul Brito, Ken Wall

32-6s-19w Rooks

Dettmer-Wilkens#1-32

Job Ticket: 56226 DST#: 2
 Test Start: 2014.01.19 @ 10:30:27

GENERAL INFORMATION:

Formation: LKC B-D
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:04:37
 Time Test Ended: 15:26:21

Interval: 3292.00 ft (KB) To 3331.00 ft (KB) (TVD)
 Total Depth: 3331.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Reset)
 Tester: Ray Schwager
 Unit No: 70

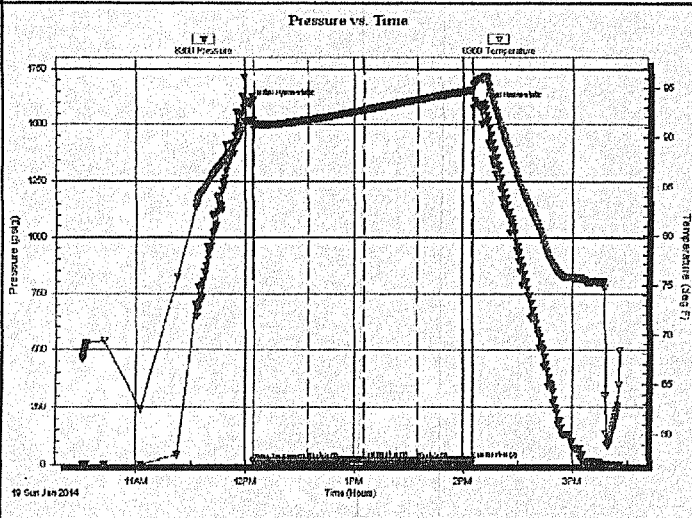
Reference Elevations: 2048.00 ft (KB)
 2043.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8369 Inside

Press@RunDepth: 15.66 psig @ 3299.00 ft (KB)
 Start Date: 2014.01.19 End Date: 2014.01.19
 Start Time: 10:30:27 End Time: 15:26:21

Capacity: 8000.00 psig
 Last Calib.: 2014.01.19
 Time On Btm: 2014.01.19 @ 12:02:22
 Time Off Btm: 2014.01.19 @ 14:08:22

TEST COMMENT: 30-IFP-surface bl, died in 20min
 30-ISIP-no bl bk
 30-FFP-no bl
 30-FSIP-bo bl bk



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1593.14	91.60	Initial Hydro-static
3	13.35	90.74	Open To Flow (1)
33	16.04	91.66	Shut-In(1)
63	20.91	92.72	End Shut-In(1)
64	14.63	92.72	Open To Flow (2)
93	15.66	93.79	Shut-In(2)
123	18.38	94.81	End Shut-In(2)
126	1586.27	95.92	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
1.00	Mud	0.00

Gas Rates			
	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)

* Recovery from multiple tests



**TRIOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Brito Oil Company Inc
1223 N.Wallace, BLDG.1
Suite 100
Wichita Ks 67206
ATTN: Raul Brito, Ken Wall

32-6s-19w Rooks

Dettmer-Wilkens#1-32

Job Ticket: 56227

DST#: 3

Test Start: 2014.01.20 @ 01:10:45

GENERAL INFORMATION:

Formation: **LKC H-I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:45:25

Time Test Ended: 07:46:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 70

Interval: **3380.00 ft (KB) To 3428.00 ft (KB) (TVD)**

Total Depth: 3428.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2048.00 ft (KB)

2043.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8369

Inside

Press@RunDepth: 55.75 psig @ 3392.00 ft (KB)

Start Date: 2014.01.20

End Date:

2014.01.20

Capacity: 8000.00 psig

Last Calib.: 2014.01.20

Start Time: 01:10:45

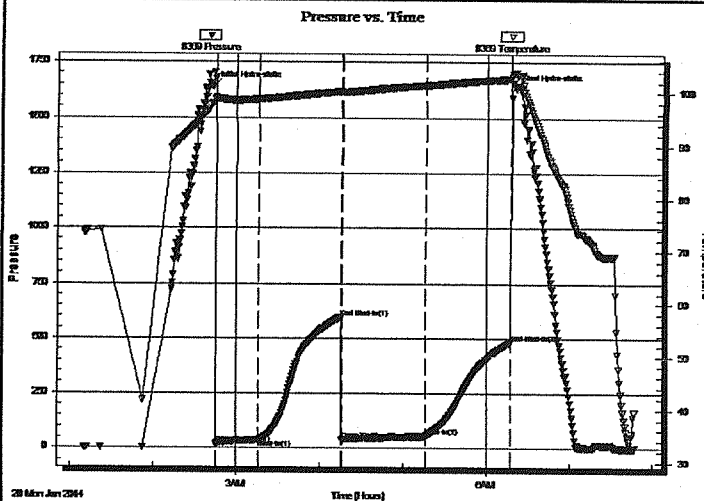
End Time:

07:46:39

Time On Btm: 2014.01.20 @ 02:42:55

Time Off Btm: 2014.01.20 @ 06:20:39

TEST COMMENT: 30-IFP-w k bl thru-out 1/2" to 1 1/2" bl
60-ISIP-no bl
60-FFP-w k bl thru-out surface to 1/2" bl
60-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1638.78	98.01	Initial Hydro-static
3	19.53	98.63	Open To Flow (1)
33	35.86	98.73	Shut-In(1)
93	594.75	100.20	End Shut-In(1)
93	38.10	100.07	Open To Flow (2)
153	55.75	101.41	Shut-In(2)
215	482.93	102.65	End Shut-In(2)
218	1633.55	103.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	80'GIP	0.00
15.00	CO	0.07
60.00	MGO 10%G40%M50%O	0.30

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Brito Oil Company Inc

32-6s-19w Rooks

1223 N.Wallace,BLDG.1

Dettmer-Wilkens#1-32

Suite 100

Job Ticket: 56228

DST#: 4

Wichita Ks 67206

Test Start: 2014.01.20 @ 13:01:04

ATTN: Raul Brito, Ken Wall

GENERAL INFORMATION:

Formation: **LKC "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:35:29

Time Test Ended: 17:58:28

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 70

Interval: **3428.00 ft (KB) To 3446.00 ft (KB) (TVD)**

Total Depth: 3446.00 ft (KB) (TVD)

Reference Elevations: 2048.00 ft (KB)

Hole Diameter: 7.85 inches Hole Condition: Fair

2043.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8369

Inside

Press@RunDepth: 13.35 psig @ 3429.00 ft (KB)

Start Date: 2014.01.20

End Date:

2014.01.20

Capacity: 8000.00 psig

Start Time: 13:01:04

End Time:

17:58:28

Last Calib.: 2014.01.20

Time On Btm: 2014.01.20 @ 14:33:29

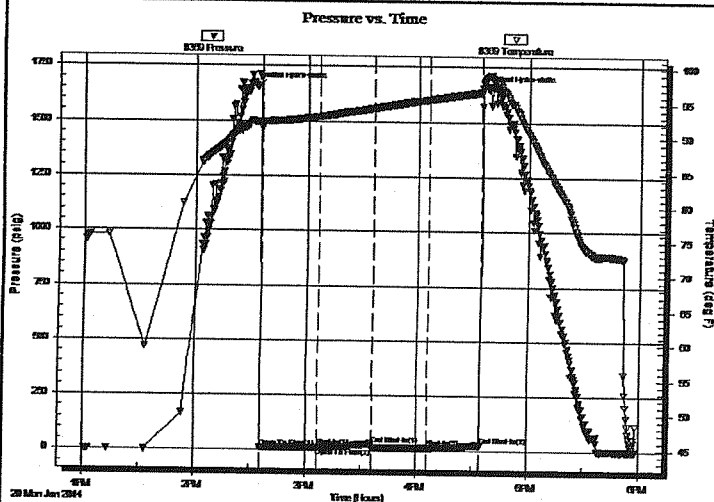
Time Off Btm: 2014.01.20 @ 16:37:59

TEST COMMENT: 30-IFP-surface bl, died in 8min

30-ISIP-no bl

30-FFP-no bl

30FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1652.26	92.21	Initial Hydro-static
2	11.09	91.36	Open To Flow (1)
33	13.52	93.01	Shut-In(1)
63	29.54	94.28	End Shut-In(1)
63	12.24	94.29	Open To Flow (2)
93	13.35	95.54	Shut-In(2)
121	27.17	96.61	End Shut-In(2)
125	1643.81	98.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	OCM 10%O90%M	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Brito Oil Company Inc

32-6s-19w Rooks



1223 N.Wallace,BLDG.1
Suite 100
Wichita Ks 67206
ATTN: Raul Brito, Ken Wall

Dettmer-Wilkens#1-32

Job Ticket: 56229

DST#: 5

Test Start: 2014.01.21 @ 03:45:57

GENERAL INFORMATION:

Formation: **Marm. / Arbuckle**
Deviated: **No Whipstock** ft (KB)
Time Tool Opened: 05:36:52
Time Test Ended: 09:06:21

Test Type: **Conventional Bottom Hole (Reset)**
Tester: **Ray Schwager**
Unit No: **70**

Interval: **3498.00 ft (KB) To 3541.00 ft (KB) (TVD)**
Total Depth: **3541.00 ft (KB) (TVD)**
Hole Diameter: **7.85 inches** Hole Condition: **Fair**

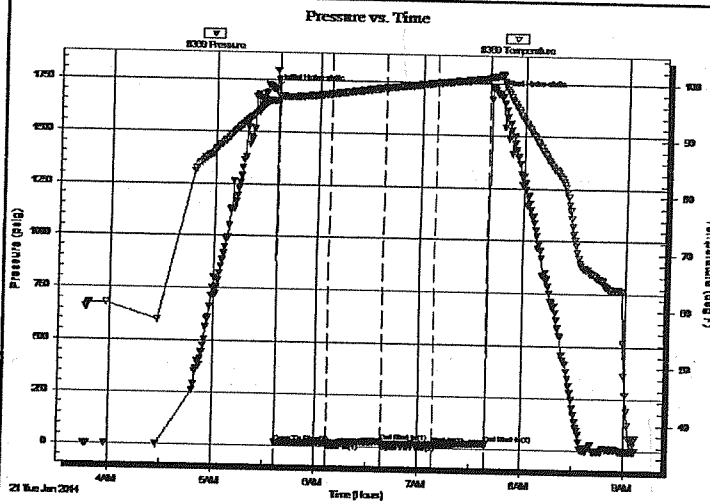
Reference Elevations: **2048.00 ft (KB)**
2043.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 8369 Inside

Press@RunDepth: **21.25 psig @ 3505.00 ft (KB)**
Start Date: **2014.01.21** End Date: **2014.01.21**
Start Time: **03:45:57** End Time: **09:06:21**

Capacity: **8000.00 psig**
Last Calib.: **2014.01.21**
Time On Btm: **2014.01.21 @ 05:34:22**
Time Off Btm: **2014.01.21 @ 07:44:22**

TEST COMMENT: 30-IFP-w k bl thru-out 1/4" to surface bl
30-ISIP-no bl
30-no bl
30-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1706.44	96.37	Initial Hydro-static
3	18.20	96.37	Open To Flow (1)
33	20.50	97.67	Shut-In(1)
64	30.60	98.83	End Shut-In(1)
65	20.03	98.84	Open To Flow (2)
94	21.25	99.83	Shut-In(2)
125	28.60	100.74	End Shut-In(2)
130	1698.84	101.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	MUD	0.02

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Brito Oil Company Inc
1223 N.Wallace,BLDG.1
Suite 100
Wichita Ks 67206
ATTN: Raul Brito, Ken Wall

32-6s-19w Rooks

Dettmer-Wilkens#1-32

Job Ticket: 56230

DST#: 6

Test Start: 2014.01.21 @ 15:05:05

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: **No Whipstock** ft (KB)

Time Tool Opened: 16:55:15
 Time Test Ended: 22:47:29

Test Type: Conventional Bottom Hole (Reset)
 Tester: Ray Schwager
 Unit No: 70

Interval: 3526.00 ft (KB) To 3555.00 ft (KB) (TVD)
 Total Depth: 3555.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2048.00 ft (KB)
 2043.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8369

Inside

Press@RunDepth: 104.79 psig @ 3532.00 ft (KB)

Start Date: 2014.01.21

End Date:

2014.01.21

Capacity: 8000.00 psig

Start Time: 15:05:05

End Time:

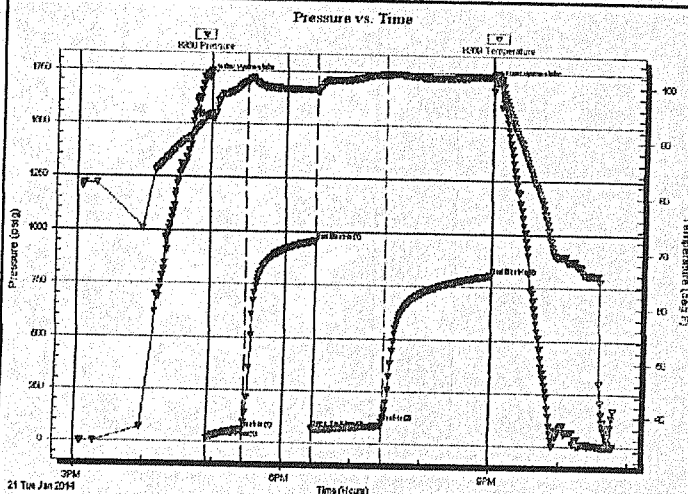
22:47:29

Last Calib.: 2014.01.21

Time On Btm: 2014.01.21 @ 16:53:15

Time Off Btm: 2014.01.21 @ 21:02:14

TEST COMMENT: 30-IFP-w k to a gd bl 1/2" to 6 1/2" bl
 60-ISIP-surface bl bk
 60-FFP-w k to a fr bl , surface to 5" bl
 90-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1713.61	94.29	Initial Hydro-static
2	18.77	93.98	Open To Flow (1)
33	66.17	100.47	Shut-In(1)
93	957.56	99.13	End Shut-In(1)
94	74.37	98.74	Open To Flow (2)
154	104.79	101.99	Shut-In(2)
246	802.76	101.85	End Shut-In(2)
249	1703.77	102.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	110'GIP	0.00
120.00	MGO 20%G30%M50%O	0.59
70.00	CO	0.98

* Recovery from multiple tests

Gas Rates

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



TRILOBITE
 TESTING, INC.

DRILL STEM TEST REPORT

Brito Oil Company Inc
 1223 N.Wallace,BLDG.1
 Suite 100
 Wichita Ks 67206
 ATTN: Raul Brito, Ken Wall

32-6s-19w Rooks
 Dettmer-Wilkens#1-32
 Job Ticket: 56231 DST#:7
 Test Start: 2014.01.22 @ 04:00:57

GENERAL INFORMATION:

Formation: Arbuckle
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:55:52
 Time Test Ended: 11:52:36
 Interval: 3548.00 ft (KB) To 3565.00 ft (KB) (TVD)
 Total Depth: 3565.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair

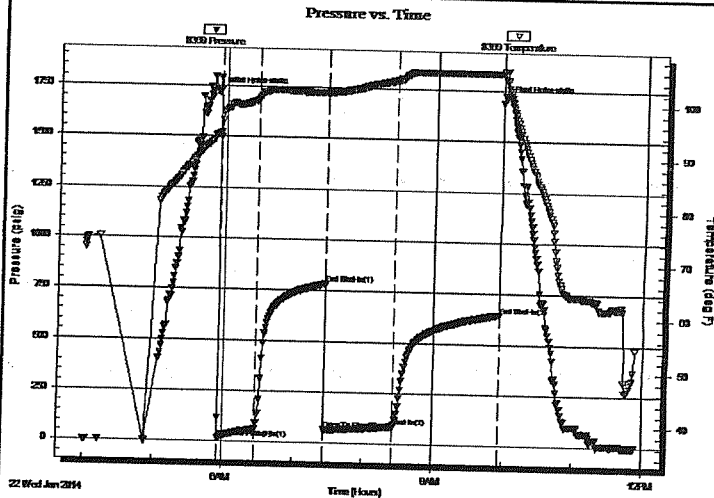
Test Type: Conventional Bottom Hole (Reset)
 Tester: Ray Schwager
 Unit No: 70
 Reference Elevations: 2048.00 ft (KB)
 2043.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8369 Inside

Well ID: 0005 Inside
 Press@RunDepth: 86.18 psig @ 3549.00 ft (KB)
 Start Date: 2014.01.22 End Date: 2014.01.22
 Start Time: 04:00:57 End Time: 11:52:36

Capacity: 8000.00 psig
 Last Calib.: 2014.01.22
 Time On Btm: 2014.01.22 @ 05:53:07
 Time Off Btm: 2014.01.22 @ 09:58:51

TEST COMMENT: 30-IFP-wk to a fr bl 1" to 5" bl
 60-ISIP-no bl
 60-FFP-wk to a fr bl 1/4" to 3 1/2" bl
 90-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1720.74	93.59	Initial Hydro-static
3	18.23	93.95	Open To Flow (1)
35	59.44	100.21	Shut-In(1)
94	783.47	101.71	End Shut-In(1)
94	69.97	101.44	Open To Flow (2)
153	86.18	104.18	Shut-In(2)
244	646.99	105.70	End Shut-In(2)
246	1709.66	104.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	MGO 15%G10%M75%O	0.15
215.00	CO	2.20

* Recovery from multiple tests

Gas Rates

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