



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1085395
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: _____

1085395

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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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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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Form	ACO1 - Well Completion
Operator	Mull Drilling Company, Inc.
Well Name	Fairleigh 'D' 1-7
Doc ID	1085395

Tops

Name	Top	Datum
Anhydrite	2144	+ 593
B/Anhydritae	2164	+ 572
Heebner	3662	- 926
Lansing	3697	- 961
Muncie Creek	3863	- 1127
Stark	3956	- 1220
BKC	4037	- 1301
Marmaton	4073	- 1337
Ft. Scott	4220	- 1484
Cherokee	4248	- 1512
Johnson	4290	- 1554
Mississippi	4380	- 1648

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner

Sam Brownback, Governor

August 22, 2012

Mark Shreve
Mull Drilling Company, Inc.
1700 N WATERFRONT PKWY
BLDG 1200
WICHITA, KS 67206

Re: ACO1
API 15-109-21080-00-00
Fairleigh 'D' 1-7
SW/4 Sec.07-15S-32W
Logan County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Mark Shreve



DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company Inc.**

1700 N Waterfront PKWY
BLDG 300 Suite C
Wichita KS 67206

ATTN: Phil Askey

Fairleigh 'D' #1-7

7-15s-32w Logan,KS

Start Date: 2012.04.29 @ 20:20:00

End Date: 2012.04.30 @ 03:17:30

Job Ticket #: 45953 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.05.09 @ 09:37:17

Brito Oil Company Inc.

7-15s-32w Logan,KS

Fairleigh 'D' #1-7

DST # 1

Kansas City "E"

2012.04.29



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Brito Oil Company Inc.

7-15s-32w Logan,KS

1700 N Waterfront PKWY
BLDG 300 Suite C
Wichita KS 67206
ATTN: Phil Askey

Fairleigh 'D' #1-7

Job Ticket: 45953

DST#: 1

Test Start: 2012.04.29 @ 20:20:00

GENERAL INFORMATION:

Formation: **Kansas City "E"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:17:45

Time Test Ended: 03:17:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Jace McKinney

Unit No: 46

Interval: 3774.00 ft (KB) To 3800.00 ft (KB) (TVD)

Reference Elevations: 2637.00 ft (KB)

Total Depth: 3800.00 ft (KB) (TVD)

2631.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 6.00 ft

Serial #: 8675 Inside

Press @ Run Depth: 66.73 psig @ 3775.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.29

End Date:

2012.04.30

Last Calib.: 2012.04.30

Start Time: 20:20:01

End Time:

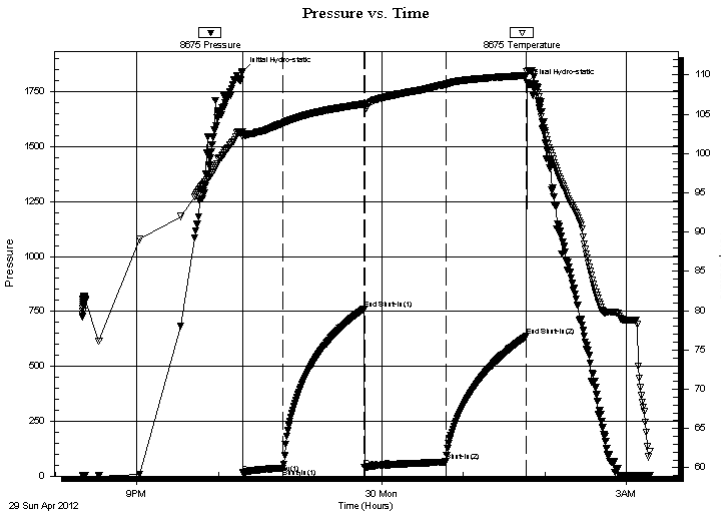
03:17:30

Time On Btm: 2012.04.29 @ 22:17:30

Time Off Btm: 2012.04.30 @ 01:46:45

TEST COMMENT: Built to 2" blow
No return blow
Built to weak surface blow
No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1843.22	102.74	Initial Hydro-static
1	14.60	102.10	Open To Flow (1)
30	36.88	103.84	Shut-In(1)
90	760.61	106.29	End Shut-In(1)
90	40.53	105.98	Open To Flow (2)
150	66.73	108.78	Shut-In(2)
209	636.28	109.93	End Shut-In(2)
210	1789.37	110.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	mcw 30%M 70%W	0.34
0.00	Oil spots in tool	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Company Inc.

7-15s-32w Logan,KS

1700 N Waterfront PKWY
BLDG 300 Suite C
Wichita KS 67206
ATTN: Phil Askey

Fairleigh 'D' #1-7

Job Ticket: 45953

DST#: 1

Test Start: 2012.04.29 @ 20:20:00

Tool Information

Drill Pipe:	Length: 3664.39 ft	Diameter: 3.80 inches	Volume: 51.40 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 123.29 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 52.01 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	33.68 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3774.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	46.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3755.00	
Shut In Tool	5.00			3760.00	
Hydraulic tool	5.00			3765.00	
Packer	5.00			3770.00	20.00 Bottom Of Top Packer
Packer	4.00			3774.00	
Stubb	1.00			3775.00	
Recorder	0.00	8675	Inside	3775.00	
Recorder	0.00	8650	Outside	3775.00	
Perforations	22.00			3797.00	
Change Over Sub	0.00			3797.00	
Drill Pipe	0.00			3797.00	
Change Over Sub	0.00			3797.00	
Bullnose	3.00			3800.00	26.00 Bottom Packers & Anchor

Total Tool Length: 46.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company Inc.

7-15s-32w Logan,KS

1700 N Waterfront PKWY
BLDG 300 Suite C
Wichita KS 67206
ATTN: Phil Askey

Fairleigh 'D' #1-7

Job Ticket: 45953

DST#: 1

Test Start: 2012.04.29 @ 20:20:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 67.00 sec/qt

Water Loss: 7.96 in³

Resistivity: ohm.m

Salinity: 3200.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	mcw 30%M 70%W	0.344
0.00	Oil spots in tool	0.000

Total Length: 70.00 ft Total Volume: 0.344 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

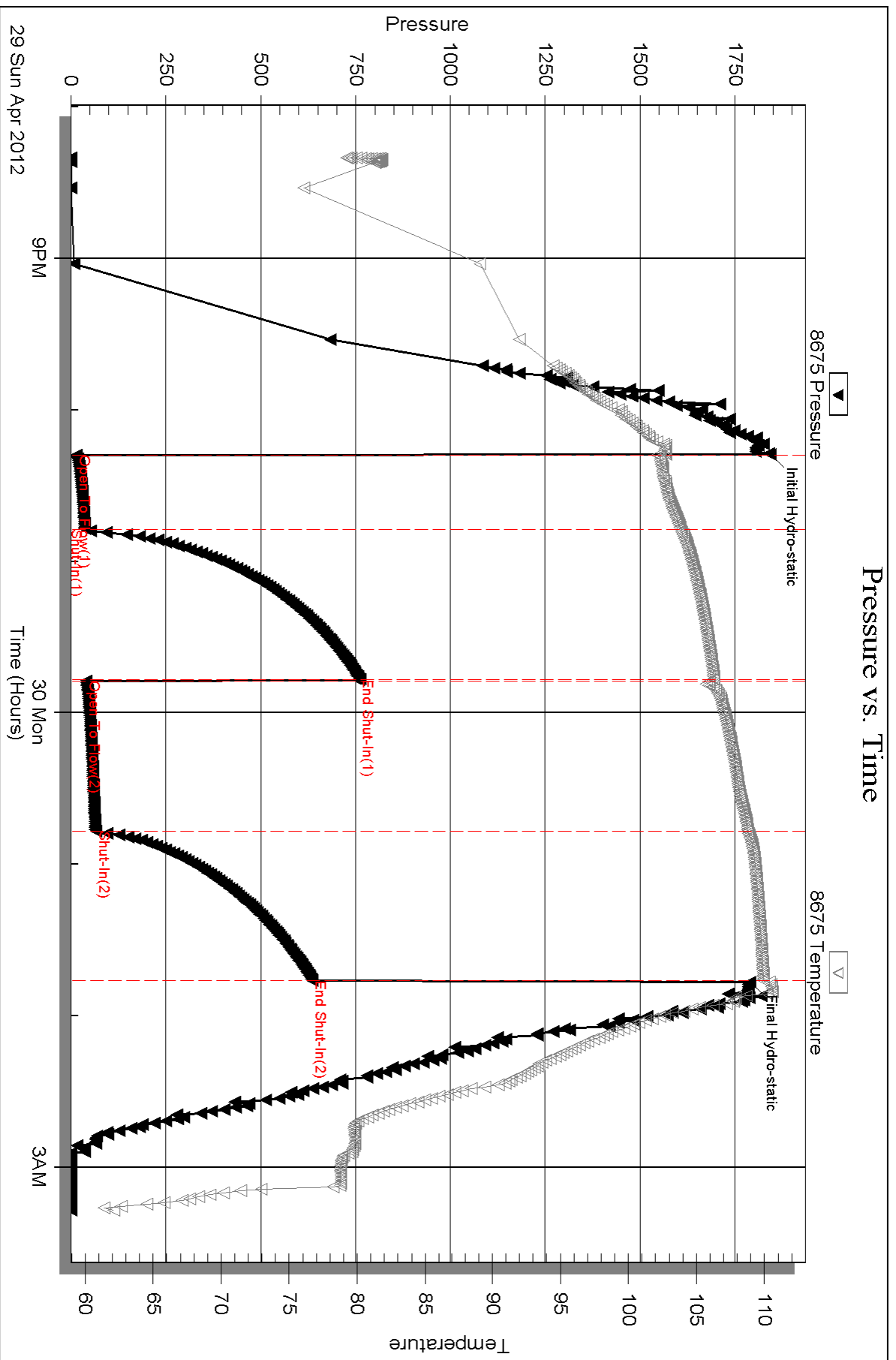
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .25 @ 55 F = 35,000

Pressure vs. Time

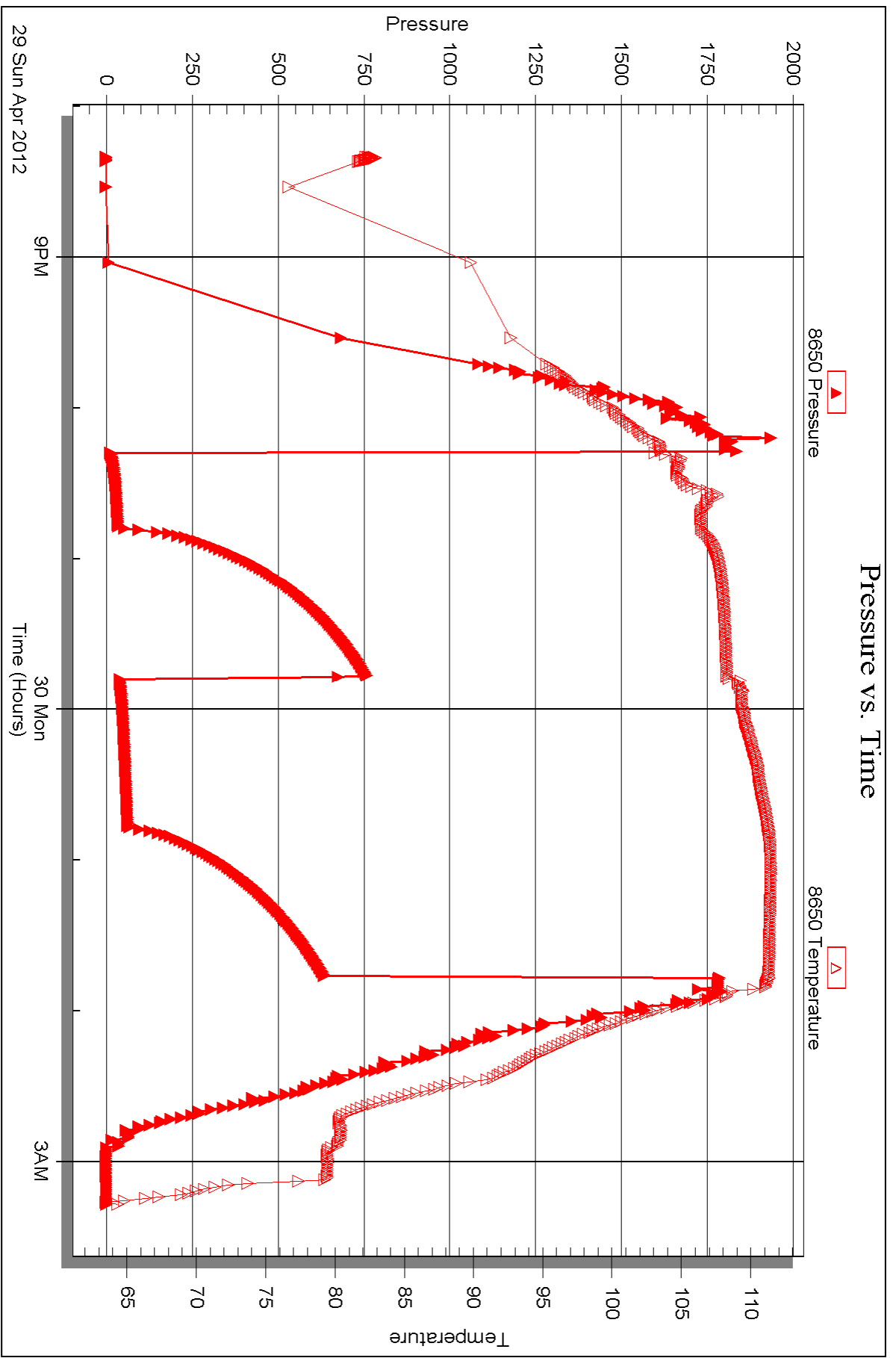


Serial #: 8650

Outside Brito Oil Company Inc.

Fairleigh 'D' #1-7

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company Inc.**

1700 N Waterfront PKWY
BLDG 300 Suite C
Wichita KS 67206

ATTN: Phil Askey

Fairleigh 'D' #1-7

7-15s-32w Logan,KS

Start Date: 2012.04.30 @ 12:25:00

End Date: 2012.04.30 @ 18:51:30

Job Ticket #: 45954 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.05.09 @ 09:36:36

Brito Oil Company Inc.

7-15s-32w Logan,KS

Fairleigh 'D' #1-7

DST # 2

Kansas City "H"

2012.04.30



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Brito Oil Company Inc.

7-15s-32w Logan, KS

1700 N Waterfront PKWY
BLDG 300 Suite C
Wichita KS 67206
ATTN: Phil Askey

Fairleigh 'D' #1-7

Job Ticket: 45954

DST#: 2

Test Start: 2012.04.30 @ 12:25:00

GENERAL INFORMATION:

Formation: **Kansas City "H"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:58:15

Time Test Ended: 18:51:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 46

Interval: 3859.00 ft (KB) To 3900.00 ft (KB) (TVD)

Reference Elevations: 2637.00 ft (KB)

Total Depth: 3900.00 ft (KB) (TVD)

2631.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 6.00 ft

Serial #: 8675 Inside

Press @ Run Depth: 83.65 psig @ 3860.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.30

End Date:

2012.04.30

Last Calib.: 2012.04.30

Start Time: 12:25:01

End Time:

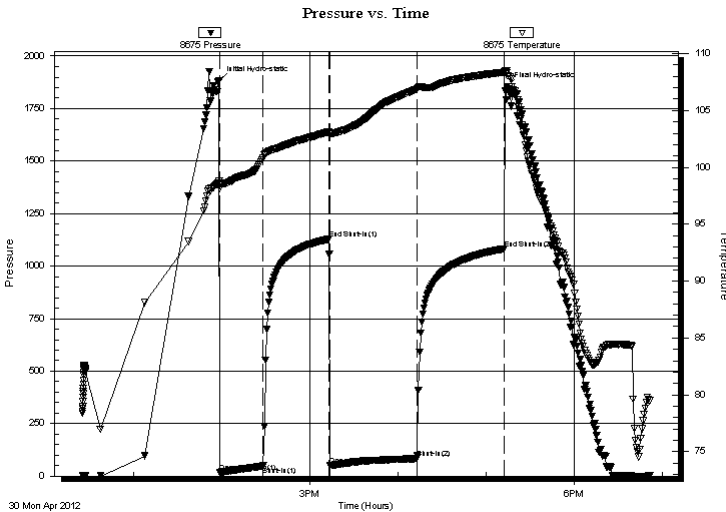
18:51:30

Time On Btm: 2012.04.30 @ 13:58:00

Time Off Btm: 2012.04.30 @ 17:14:00

TEST COMMENT: Built to 2 1/4" blow
No return blow
Built to 3 1/4" blow
No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1883.74	98.80	Initial Hydro-static
1	17.25	98.16	Open To Flow (1)
30	48.20	100.83	Shut-In(1)
75	1128.34	103.15	End Shut-In(1)
76	49.74	102.80	Open To Flow (2)
135	83.65	106.86	Shut-In(2)
195	1082.98	108.36	End Shut-In(2)
196	1853.58	108.34	Final Hydro-static

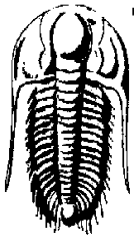
Recovery

Length (ft)	Description	Volume (bbl)
155.00	w cm 40%W 60%M w ith oil spots	1.05

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.
1700 N Waterfront PKWY
BLDG 300 Suite C
Wichita KS 67206
ATTN: Phil Askey

7-15s-32w Logan, KS
Fairleigh 'D' #1-7
Job Ticket: 45954 **DST#: 2**
Test Start: 2012.04.30 @ 12:25:00

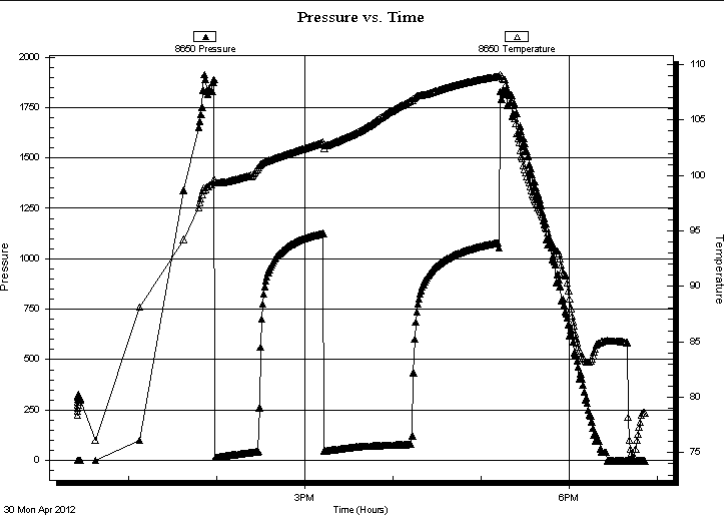
GENERAL INFORMATION:

Formation: **Kansas City "H"**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 13:58:15 Tester: Jace McKinney
Time Test Ended: 18:51:30 Unit No: 46

Interval: **3859.00 ft (KB) To 3900.00 ft (KB) (TVD)** Reference Elevations: 2637.00 ft (KB)
Total Depth: 3900.00 ft (KB) (TVD) 2631.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 6.00 ft

Serial #: 8650 Outside
Press @ Run Depth: psig @ 3860.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.04.30 End Date: 2012.04.30 Last Calib.: 2012.04.30
Start Time: 12:25:01 End Time: 18:51:30 Time On Btm:
Time Off Btm:

TEST COMMENT: Built to 2 1/4" blow
No return blow
Built to 3 1/4" blow
No return blow



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

Recovery		
Length (ft)	Description	Volume (bbl)
155.00	w cm 40%W 60%M w ith oil spots	1.05

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Company Inc.

7-15s-32w Logan,KS

1700 N Waterfront PKWY
BLDG 300 Suite C
Wichita KS 67206
ATTN: Phil Askey

Fairleigh 'D' #1-7

Job Ticket: 45954

DST#: 2

Test Start: 2012.04.30 @ 12:25:00

Tool Information

Drill Pipe:	Length: 3725.79 ft	Diameter: 3.80 inches	Volume: 52.26 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 123.29 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 64000.00 lb
			<u>Total Volume: 52.87 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.08 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	3859.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	41.00 ft			
Tool Length:	61.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3840.00	
Shut In Tool	5.00			3845.00	
Hydraulic tool	5.00			3850.00	
Packer	5.00			3855.00	20.00 Bottom Of Top Packer
Packer	4.00			3859.00	
Stubb	1.00			3860.00	
Recorder	0.00	8675	Inside	3860.00	
Recorder	0.00	8650	Outside	3860.00	
Perforations	4.00			3864.00	
Change Over Sub	1.00			3865.00	
Drill Pipe	31.00			3896.00	
Change Over Sub	1.00			3897.00	
Bullnose	3.00			3900.00	41.00 Bottom Packers & Anchor

Total Tool Length: 61.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company Inc.

7-15s-32w Logan,KS

1700 N Waterfront PKWY
BLDG 300 Suite C
Wichita KS 67206
ATTN: Phil Askey

Fairleigh 'D' #1-7

Job Ticket: 45954

DST#: 2

Test Start: 2012.04.30 @ 12:25:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 9.56 in³

Resistivity: ohm.m

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
155.00	w cm 40%W 60%M w ith oil spots	1.051

Total Length: 155.00 ft Total Volume: 1.051 bbl

Num Fluid Samples: 0

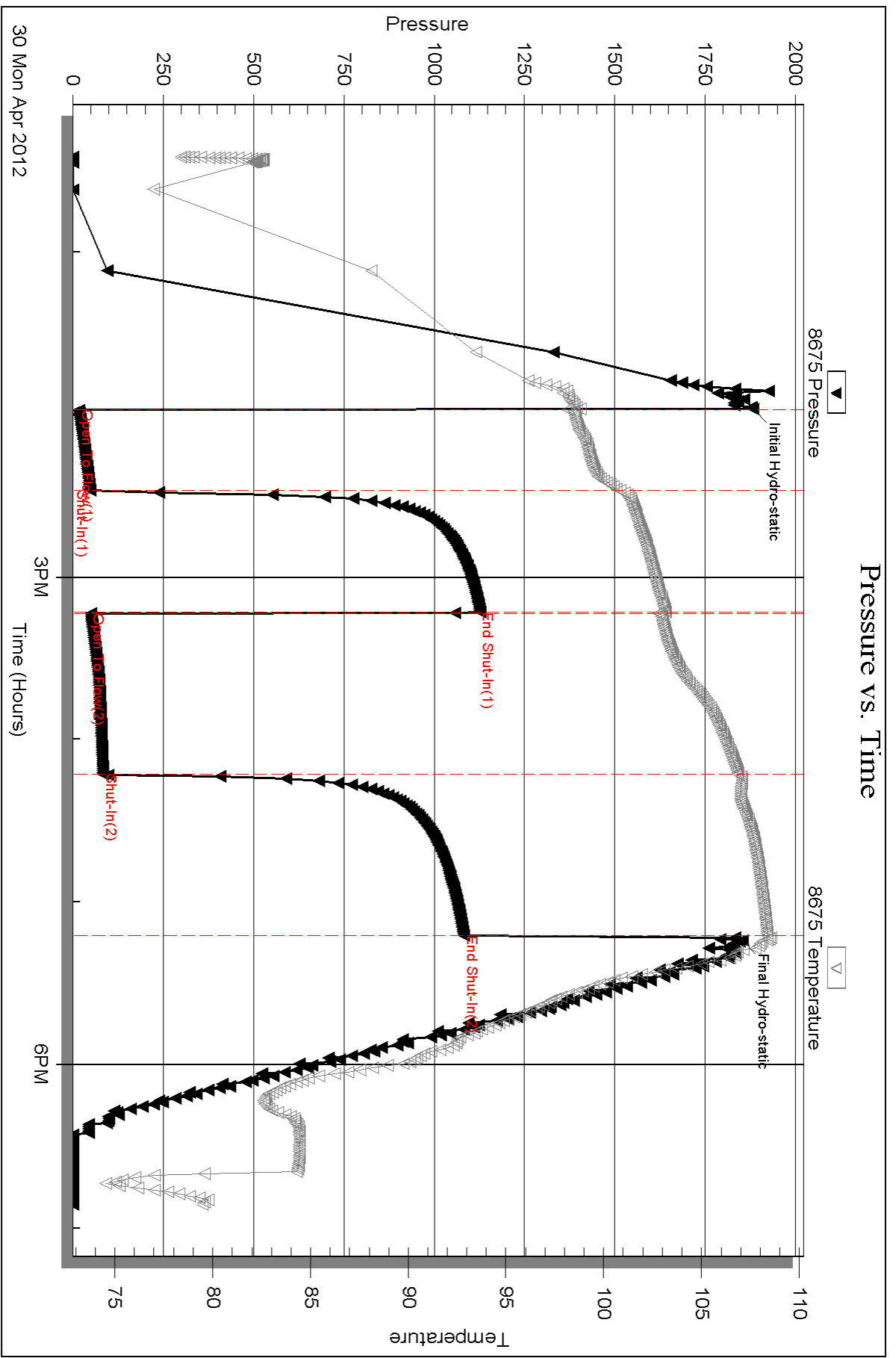
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .20 @ 80 F = 30,000

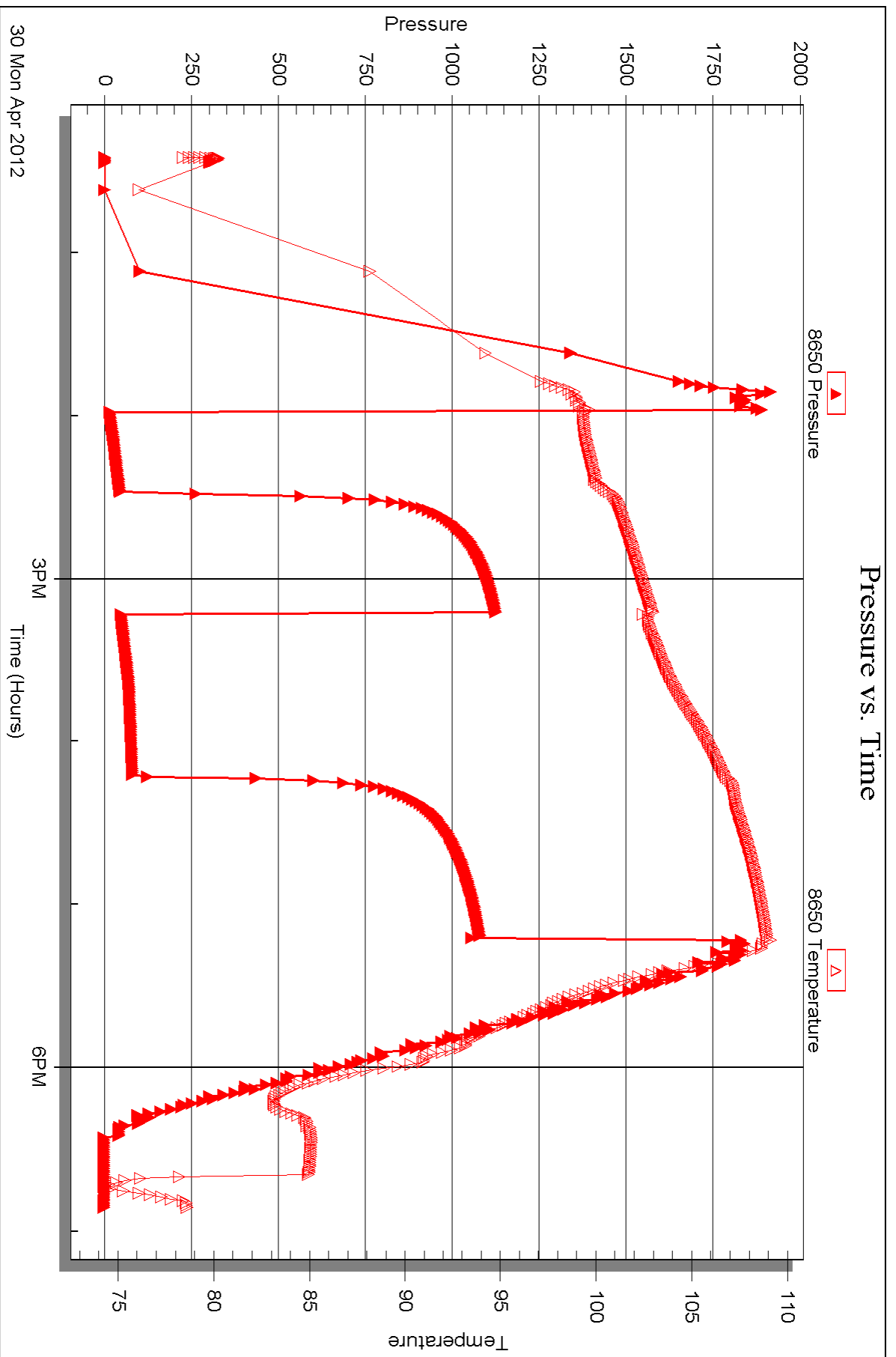


Serial #: 8650

Outside Brito Oil Company Inc.

Fairleigh 'D' #1-7

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company Inc.**

1700 N Waterfront PKWY
BLDG 300 Suite C
Wichita KS 67206

ATTN: Phil Askey

Fairleigh 'D' #1-7

7-15s-32w Logan,KS

Start Date: 2012.05.01 @ 03:45:00

End Date: 2012.05.01 @ 10:10:30

Job Ticket #: 45955 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.05.09 @ 09:35:57

Brito Oil Company Inc.

7-15s-32w Logan,KS

Fairleigh 'D' #1-7

DST # 3

Kansas City "I-J"

2012.05.01



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Brito Oil Company Inc.

7-15s-32w Logan,KS

1700 N Waterfront PKWY
BLDG 300 Suite C
Wichita KS 67206
ATTN: Phil Askey

Fairleigh 'D' #1-7

Job Ticket: 45955

DST#: 3

Test Start: 2012.05.01 @ 03:45:00

GENERAL INFORMATION:

Formation: **Kansas City "I-J"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:34:00
 Time Test Ended: 10:10:30
 Interval: **3912.00 ft (KB) To 3953.00 ft (KB) (TVD)**
 Total Depth: 3953.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jace McKinney
 Unit No: 46
 Reference Elevations: 2637.00 ft (KB)
 2631.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 8675

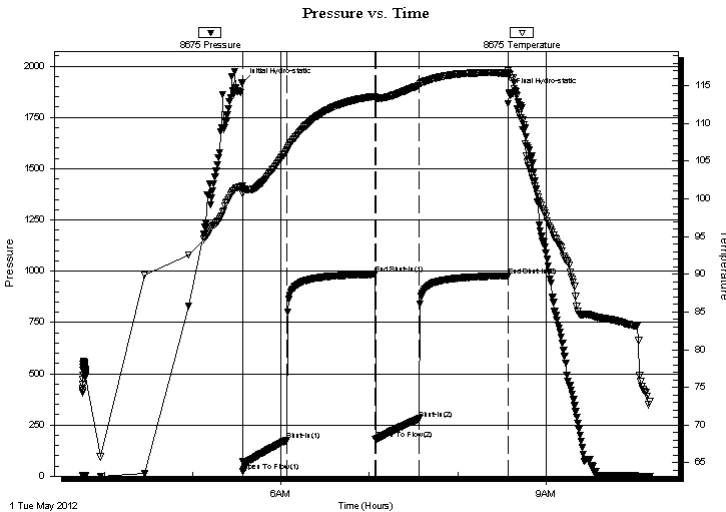
Inside

Press @ RunDepth: 279.90 psig @ 3913.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.05.01 End Date: 2012.05.01 Last Calib.: 2012.05.01
 Start Time: 03:45:01 End Time: 10:10:30 Time On Btm: 2012.05.01 @ 05:33:30
 Time Off Btm: 2012.05.01 @ 08:35:00

TEST COMMENT: B.O.B. in 11 min.
 Bled off for 5 min. No return blow
 B.O.B. in 16 min.
 Bled off for 5 min. No return blow

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1919.72	101.74	Initial Hydro-static
1	24.79	101.19	Open To Flow (1)
31	176.16	106.44	Shut-In(1)
91	984.92	113.57	End Shut-In(1)
91	178.09	113.24	Open To Flow (2)
121	279.90	115.03	Shut-In(2)
181	977.81	116.65	End Shut-In(2)
182	1872.05	116.57	Final Hydro-static



Recovery

Length (ft)	Description	Volume (bbl)
510.00	100% Water w ith oil spots	6.03

* 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.

7-15s-32w Logan,KS

1700 N Waterfront PKWY
BLDG 300 Suite C
Wichita KS 67206
ATTN: Phil Askey

Fairleigh 'D' #1-7

Job Ticket: 45955

DST#: 3

Test Start: 2012.05.01 @ 03:45:00

GENERAL INFORMATION:

Formation: **Kansas City "I-J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:34:00

Time Test Ended: 10:10:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 46

Interval: **3912.00 ft (KB) To 3953.00 ft (KB) (TVD)**

Reference Elevations: 2637.00 ft (KB)

Total Depth: 3953.00 ft (KB) (TVD)

2631.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 6.00 ft

Serial #: **8650** Outside

Press @RunDepth: psig @ 3913.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.01 End Date: 2012.05.01

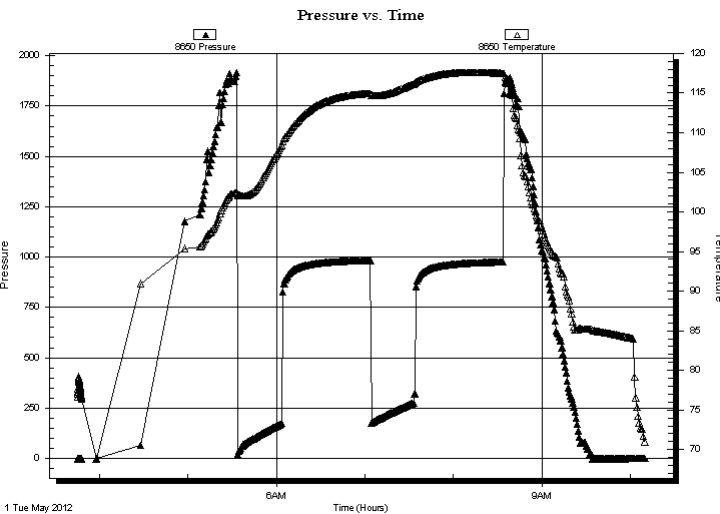
Last Calib.: 2012.05.01

Start Time: 03:45:12 End Time: 10:10:14

Time On Btm:

Time Off Btm:

TEST COMMENT: B.O.B. in 11 min.
Bled off for 5 min. No return blow
B.O.B. in 16 min.
Bled off for 5 min. No return blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
510.00	100% Water w ith oil spots	6.03

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Company Inc.

7-15s-32w Logan,KS

1700 N Waterfront PKWY
BLDG 300 Suite C
Wichita KS 67206
ATTN: Phil Askey

Fairleigh 'D' #1-7

Job Ticket: 45955

DST#: 3

Test Start: 2012.05.01 @ 03:45:00

Tool Information

Drill Pipe:	Length: 3789.39 ft	Diameter: 3.80 inches	Volume: 53.16 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 123.29 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 53.77 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.68 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3912.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	41.00 ft			
Tool Length:	61.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3893.00	
Shut In Tool	5.00			3898.00	
Hydraulic tool	5.00			3903.00	
Packer	5.00			3908.00	20.00 Bottom Of Top Packer
Packer	4.00			3912.00	
Stubb	1.00			3913.00	
Recorder	0.00	8675	Inside	3913.00	
Recorder	0.00	8650	Outside	3913.00	
Perforations	4.00			3917.00	
Change Over Sub	1.00			3918.00	
Drill Pipe	31.00			3949.00	
Change Over Sub	1.00			3950.00	
Bullnose	3.00			3953.00	41.00 Bottom Packers & Anchor

Total Tool Length: 61.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company Inc.

7-15s-32w Logan,KS

1700 N Waterfront PKWY
BLDG 300 Suite C
Wichita KS 67206
ATTN: Phil Askey

Fairleigh 'D' #1-7

Job Ticket: 45955

DST#: 3

Test Start: 2012.05.01 @ 03:45:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 9.57 in³

Resistivity: ohm.m

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: 55000 ppm

deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
510.00	100% Water w ith oil spots	6.031

Total Length: 510.00 ft Total Volume: 6.031 bbl

Num Fluid Samples: 0

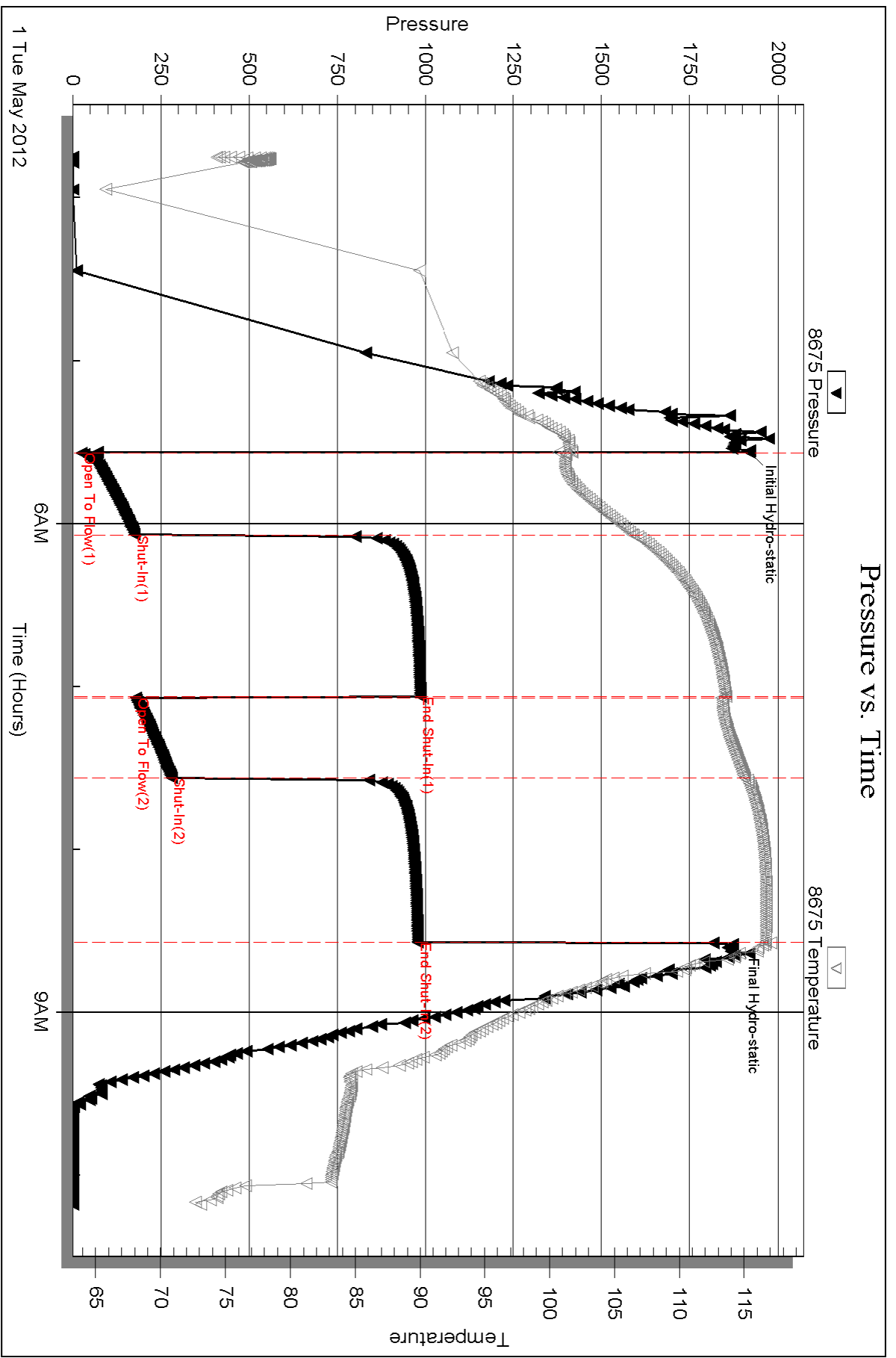
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .15 @ 60 F = 55,000

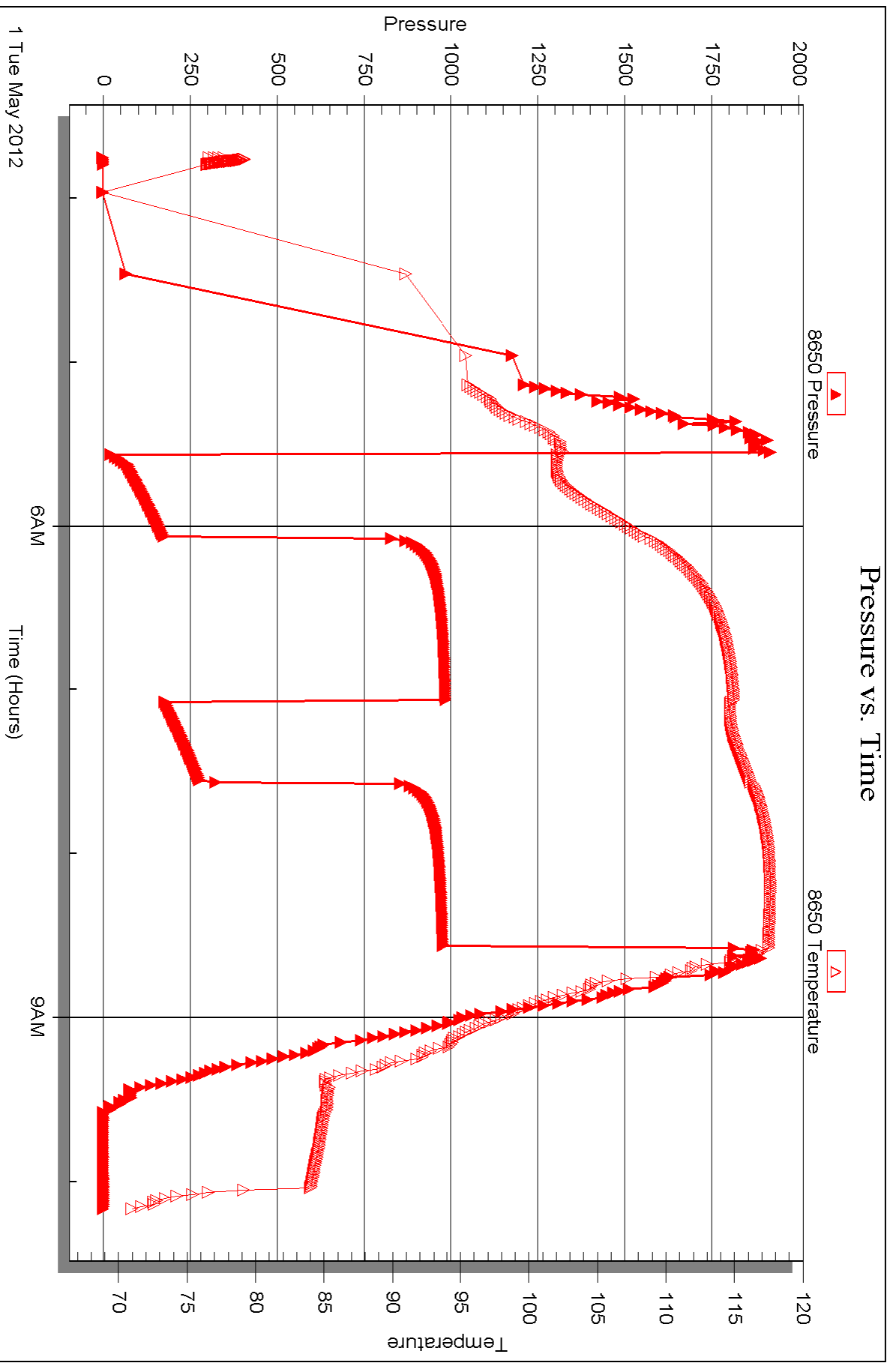


Serial #: 8650

Outside Brito Oil Company Inc.

Fairleigh 'D' #1-7

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company Inc.**

1700 N Waterfront PKWY
BLDG 300 Suite C
Wichita KS 67206

ATTN: Phil Askey

Fairleigh 'D' #1-7

7-15s-32w Logan,KS

Start Date: 2012.05.02 @ 08:15:00

End Date: 2012.05.02 @ 15:59:30

Job Ticket #: 45956 DST #: 4

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

Printed: 2012.05.09 @ 09:35:17



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Brito Oil Company Inc.

7-15s-32w Logan, KS

1700 N Waterfront PKWY
BLDG 300 Suite C
Wichita KS 67206
ATTN: Phil Askey

Fairleigh 'D' #1-7

Job Ticket: 45956

DST#: 4

Test Start: 2012.05.02 @ 08:15:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:58:00

Time Test Ended: 15:59:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 46

Interval: 4080.00 ft (KB) To 4160.00 ft (KB) (TVD)

Reference Elevations: 2637.00 ft (KB)

Total Depth: 4160.00 ft (KB) (TVD)

2631.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 6.00 ft

Serial #: 8675 Inside

Press @ Run Depth: 94.69 psig @ 4081.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.02

End Date: 2012.05.02

Last Calib.: 2012.05.02

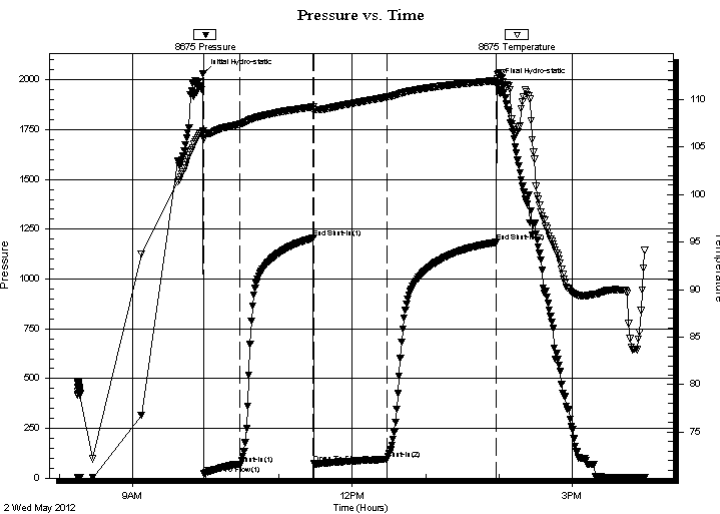
Start Time: 08:15:01

End Time: 15:59:30

Time On Btm: 2012.05.02 @ 09:57:45

Time Off Btm: 2012.05.02 @ 13:59:00

TEST COMMENT: Built to 6 1/2" blow
No return blow
B.O.B. in 31 min.
Bled off for 5 min. Built to 1/4" return blow, Died in 45 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2033.14	106.68	Initial Hydro-static
1	20.81	105.83	Open To Flow (1)
30	68.32	107.40	Shut-In(1)
91	1205.24	109.22	End Shut-In(1)
91	74.61	108.71	Open To Flow (2)
151	94.69	110.24	Shut-In(2)
240	1184.48	111.97	End Shut-In(2)
242	1986.56	112.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	190 Gas In Pipe	0.00
145.00	gcw om 10%G 10%W 30%O 50%m	0.91
60.00	100% Oil	0.84

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Company Inc.

7-15s-32w Logan,KS

1700 N Waterfront PKWY
BLDG 300 Suite C
Wichita KS 67206
ATTN: Phil Askey

Fairleigh 'D' #1-7

Job Ticket: 45956

DST#: 4

Test Start: 2012.05.02 @ 08:15:00

Tool Information

Drill Pipe:	Length: 3944.33 ft	Diameter: 3.80 inches	Volume: 55.33 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 123.29 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 55.94 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.62 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4080.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	80.00 ft			
Tool Length:	100.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4061.00	
Shut In Tool	5.00			4066.00	
Hydraulic tool	5.00			4071.00	
Packer	5.00			4076.00	20.00 Bottom Of Top Packer
Packer	4.00			4080.00	
Stubb	1.00			4081.00	
Recorder	0.00	8675	Inside	4081.00	
Recorder	0.00	8650	Outside	4081.00	
Perforations	11.00			4092.00	
Change Over Sub	1.00			4093.00	
Drill Pipe	63.00			4156.00	
Change Over Sub	1.00			4157.00	
Bullnose	3.00			4160.00	80.00 Bottom Packers & Anchor

Total Tool Length: 100.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company Inc.

7-15s-32w Logan,KS

1700 N Waterfront PKWY
BLDG 300 Suite C
Wichita KS 67206
ATTN: Phil Askey

Fairleigh 'D' #1-7

Job Ticket: 45956

DST#: 4

Test Start: 2012.05.02 @ 08:15:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.57 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	190 Gas In Pipe	0.000
145.00	gcw om 10%G 10%W 30%O 50%m	0.911
60.00	100% Oil	0.842

Total Length: 205.00 ft Total Volume: 1.753 bbl

Num Fluid Samples: 0

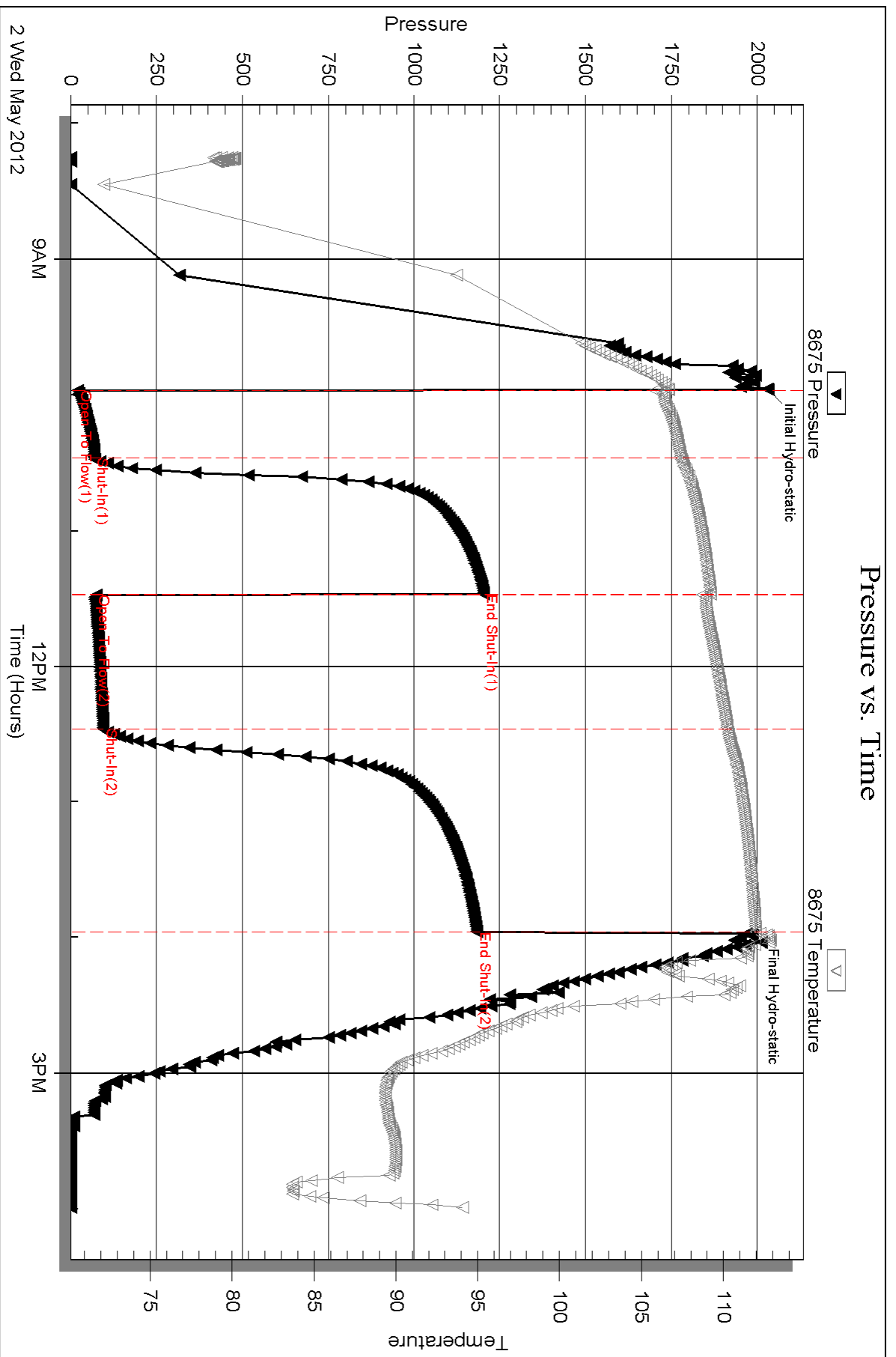
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API: 35 @ 100 F = 35

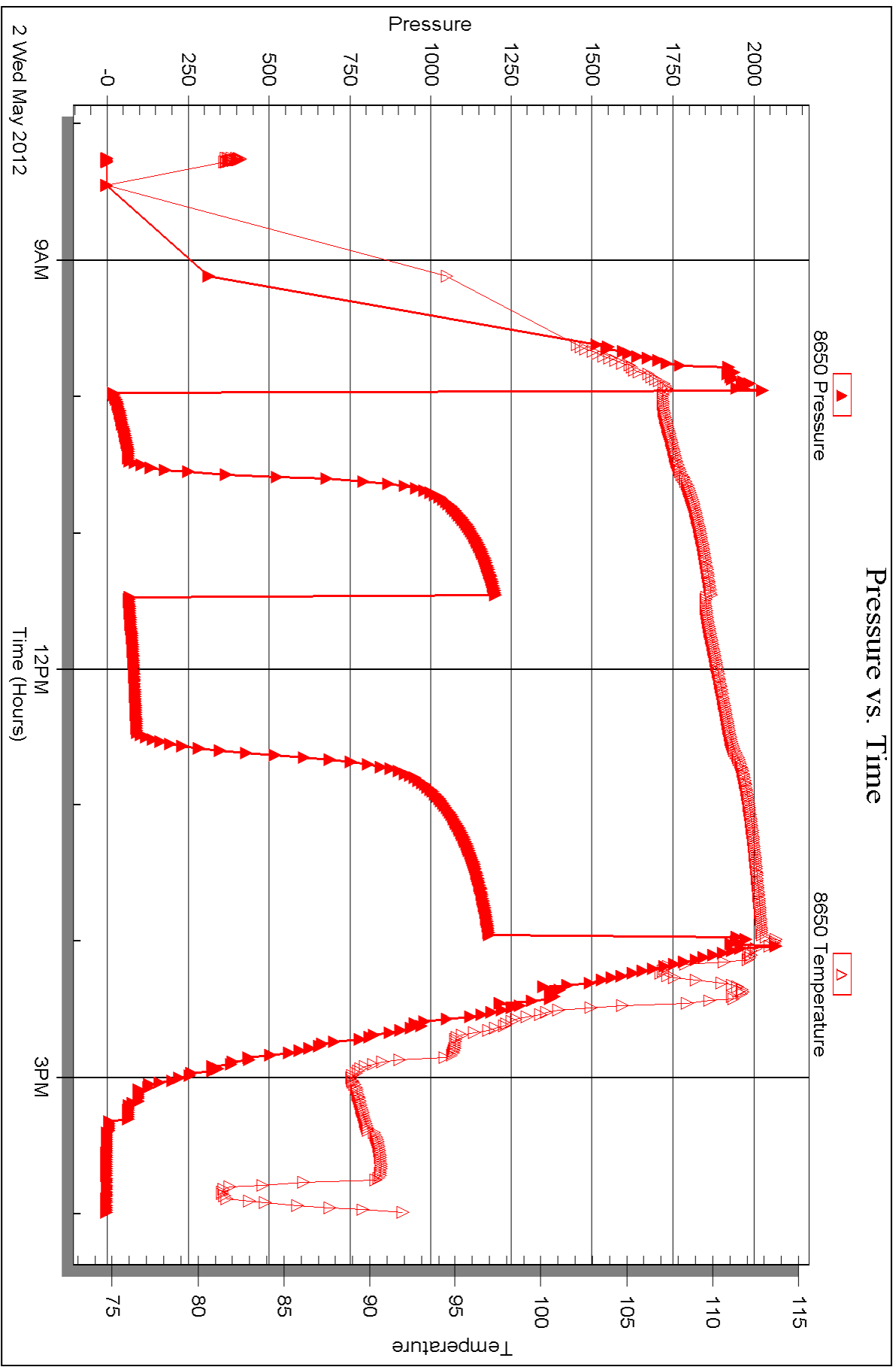


Serial #: 8650

Outside Brito Oil Company Inc.

Fairleigh 'D' #1-7

DST Test Number: 4





DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company Inc.**

1700 N Waterfront PKWY
BLDG 300 Suite C
Wichita KS 67206

ATTN: Phil Askey

Fairleigh 'D' #1-7

7-15s-32w Logan,KS

Start Date: 2012.05.03 @ 07:00:00

End Date: 2012.05.03 @ 12:35:30

Job Ticket #: 45956 DST #: 5

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

Printed: 2012.05.09 @ 09:34:34

Brito Oil Company Inc.
7-15s-32w Logan,KS
Fairleigh 'D' #1-7
DST # 5
Pawnee, Fort Scott,
2012.05.03



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Brito Oil Company Inc.

7-15s-32w Logan,KS

1700 N Waterfront PKWY
BLDG 300 Suite C
Wichita KS 67206
ATTN: Phil Askey

Fairleigh 'D' #1-7

Job Ticket: 45956

DST#: 5

Test Start: 2012.05.03 @ 07:00:00

GENERAL INFORMATION:

Formation: **Pawnee, Fort Scott,**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:57:30

Time Test Ended: 12:35:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 46

Interval: 4182.00 ft (KB) To 4270.00 ft (KB) (TVD)

Reference Elevations: 2637.00 ft (KB)

Total Depth: 4270.00 ft (KB) (TVD)

2631.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 6.00 ft

Serial #: 8675

Inside

Press @ Run Depth: 51.61 psig @ 4183.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.03

End Date:

2012.05.03

Last Calib.: 2012.05.03

Start Time: 07:00:01

End Time:

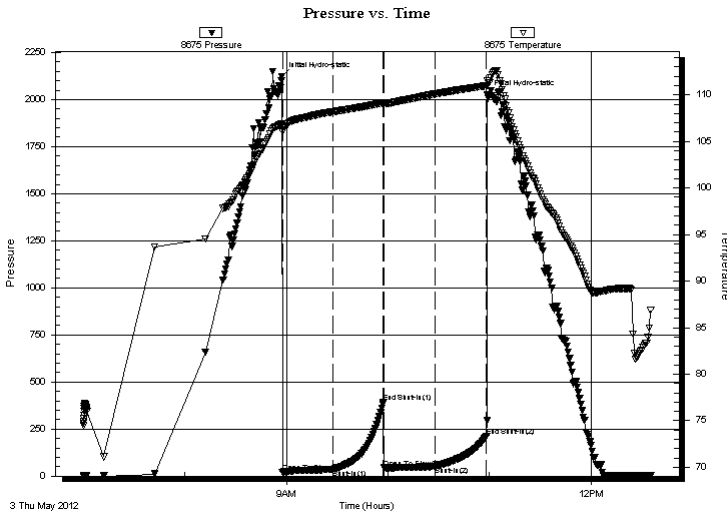
12:35:30

Time On Btm: 2012.05.03 @ 08:57:15

Time Off Btm: 2012.05.03 @ 10:58:45

TEST COMMENT: Built to 2" blow
No return blow
Built 1 3/4" blow
No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2121.13	106.93	Initial Hydro-static
1	20.95	106.08	Open To Flow (1)
31	36.04	108.19	Shut-In(1)
60	390.70	109.14	End Shut-In(1)
61	43.90	108.97	Open To Flow (2)
91	51.61	110.08	Shut-In(2)
121	212.84	110.99	End Shut-In(2)
122	2025.42	111.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	ocm 10%O 90%M	0.34

* 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.

7-15s-32w Logan, KS

1700 N Waterfront PKWY
BLDG 300 Suite C
Wichita KS 67206
ATTN: Phil Askey

Fairleigh 'D' #1-7

Job Ticket: 45956

DST#: 5

Test Start: 2012.05.03 @ 07:00:00

GENERAL INFORMATION:

Formation: **Pawnee, Fort Scott,**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:57:30

Time Test Ended: 12:35:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 46

Interval: 4182.00 ft (KB) To 4270.00 ft (KB) (TVD)

Reference Elevations: 2637.00 ft (KB)

Total Depth: 4270.00 ft (KB) (TVD)

2631.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 6.00 ft

Serial #: 8650 Outside

Press @ Run Depth: psig @ 4183.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.03

End Date: 2012.05.03

Last Calib.: 2012.05.03

Start Time: 07:00:01

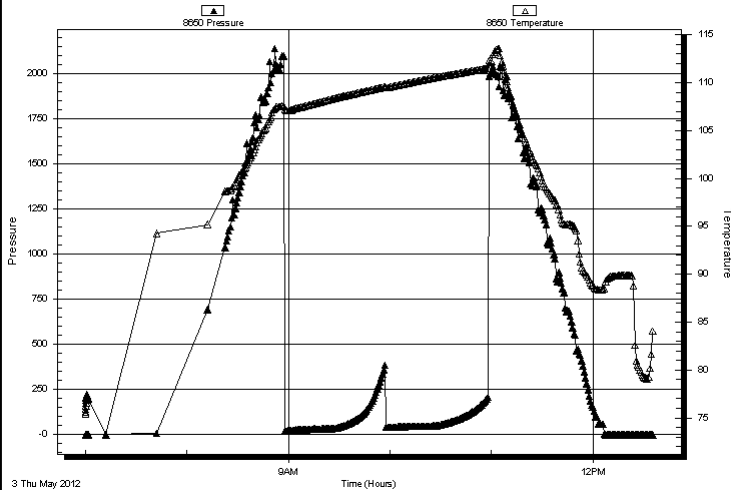
End Time: 12:35:15

Time On Btm:

Time Off Btm:

TEST COMMENT: Built to 2" blow
No return blow
Built 1 3/4" blow
No return blow

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
70.00	ocm 10%O 90%M	0.34

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Company Inc.

7-15s-32w Logan,KS

1700 N Waterfront PKWY
BLDG 300 Suite C
Wichita KS 67206
ATTN: Phil Askey

Fairleigh 'D' #1-7

Job Ticket: 45956

DST#: 5

Test Start: 2012.05.03 @ 07:00:00

Tool Information

Drill Pipe:	Length: 4069.50 ft	Diameter: 3.80 inches	Volume: 57.08 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 123.29 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose:	69000.00 lb
			<u>Total Volume: 57.69 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	30.79 ft			String Weight: Initial	59000.00 lb
Depth to Top Packer:	4182.00 ft			Final	59000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	88.00 ft				
Tool Length:	108.00 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			4163.00	
Shut In Tool	5.00			4168.00	
Hydraulic tool	5.00			4173.00	
Packer	5.00			4178.00	20.00 Bottom Of Top Packer
Packer	4.00			4182.00	
Stubb	1.00			4183.00	
Recorder	0.00	8675	Inside	4183.00	
Recorder	0.00	8650	Outside	4183.00	
Perforations	19.00			4202.00	
Change Over Sub	1.00			4203.00	
Drill Pipe	63.00			4266.00	
Change Over Sub	1.00			4267.00	
Bullnose	3.00			4270.00	88.00 Bottom Packers & Anchor

Total Tool Length: 108.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company Inc.

7-15s-32w Logan,KS

1700 N Waterfront PKWY
BLDG 300 Suite C
Wichita KS 67206
ATTN: Phil Askey

Fairleigh 'D' #1-7

Job Ticket: 45956

DST#: 5

Test Start: 2012.05.03 @ 07:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 58.00 sec/qt

Water Loss: 7.97 in³

Resistivity: ohm.m

Salinity: 5400.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	ocm 10%O 90%M	0.344

Total Length: 70.00 ft Total Volume: 0.344 bbl

Num Fluid Samples: 0

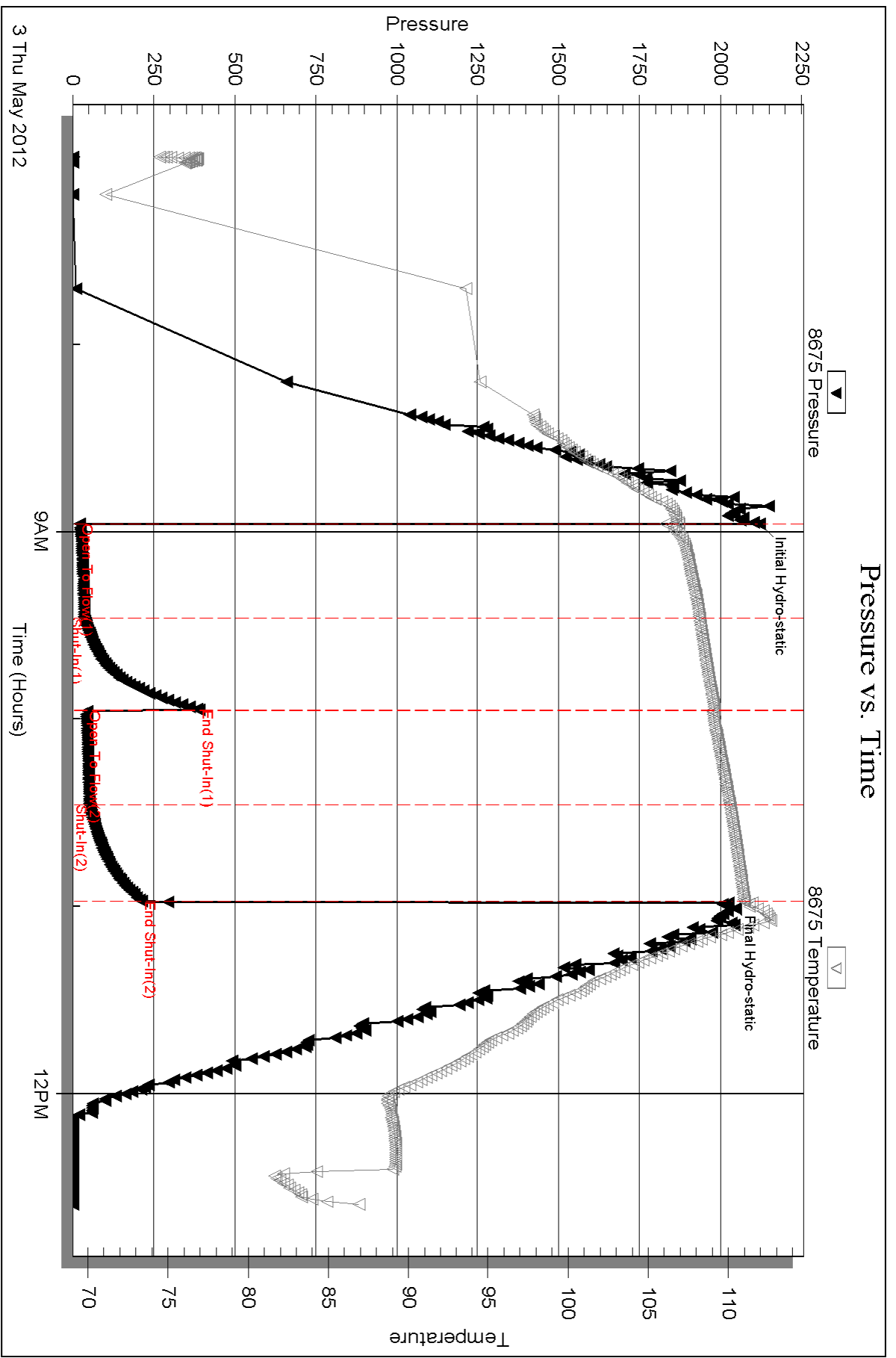
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

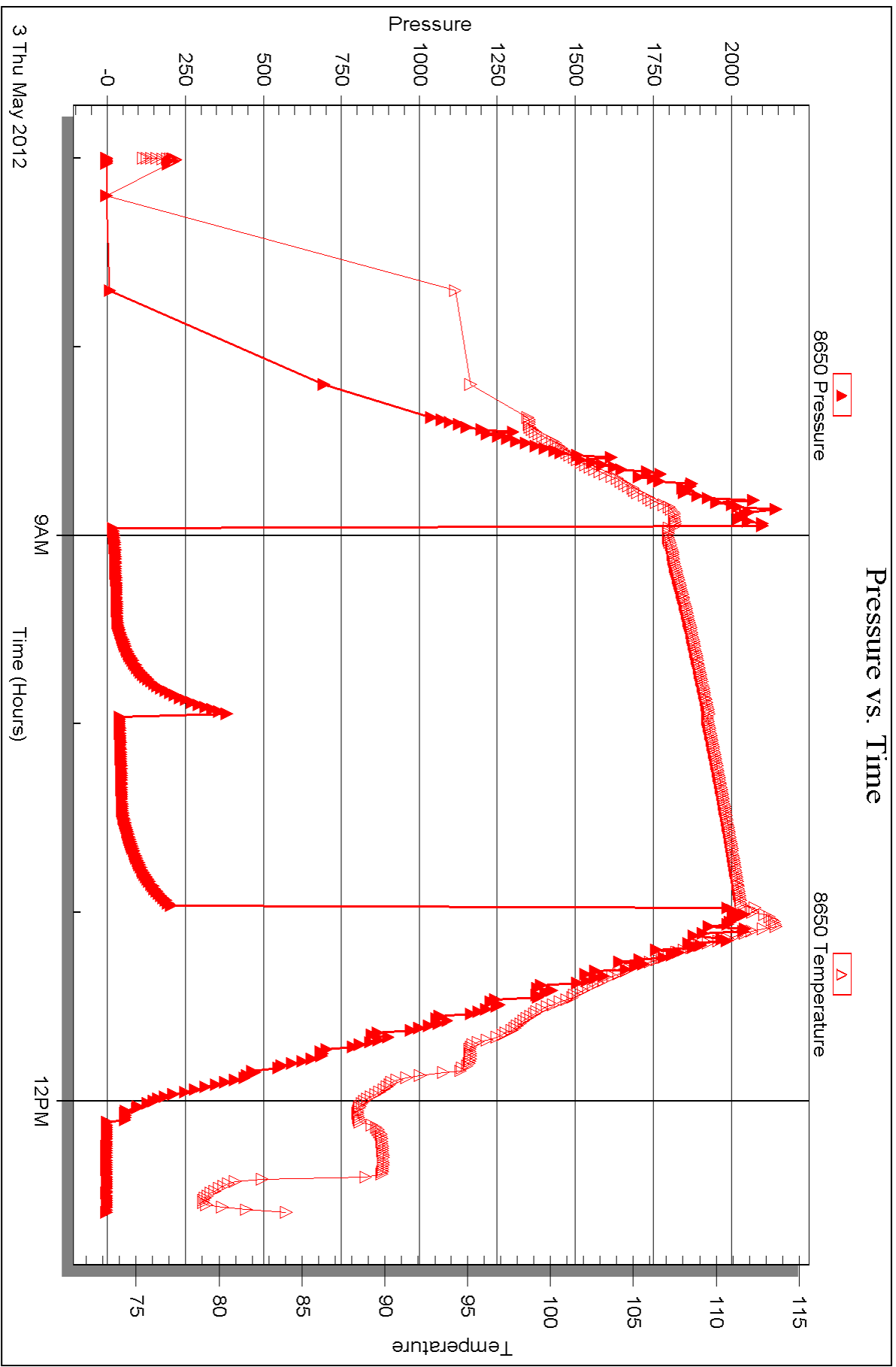


Serial #: 8650

Outside Brito Oil Company Inc.

Fairleigh 'D' #1-7

DST Test Number: 5





DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company Inc.**

1700 N Waterfront PKWY
BLDG 300 Suite C
Wichita KS 67206

ATTN: Phil Askey

Fairleigh 'D' #1-7

7-15s-32w Logan,KS

Start Date: 2012.05.03 @ 20:56:00

End Date: 2012.05.04 @ 05:17:30

Job Ticket #: 45958 DST #: 6

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

Printed: 2012.05.09 @ 09:33:48



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Brito Oil Company Inc.

7-15s-32w Logan, KS

1700 N Waterfront PKWY
BLDG 300 Suite C
Wichita KS 67206
ATTN: Phil Askey

Fairleigh 'D' #1-7

Job Ticket: 45958

DST#: 6

Test Start: 2012.05.03 @ 20:56:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:02:00

Time Test Ended: 05:17:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 46

Interval: 4268.00 ft (KB) To 4330.00 ft (KB) (TVD)

Reference Elevations: 2637.00 ft (KB)

Total Depth: 4330.00 ft (KB) (TVD)

2631.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 6.00 ft

Serial #: 8675 Inside

Press @ Run Depth: 173.08 psig @ 4269.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.03

End Date:

2012.05.04

Last Calib.: 2012.05.04

Start Time: 20:50:01

End Time:

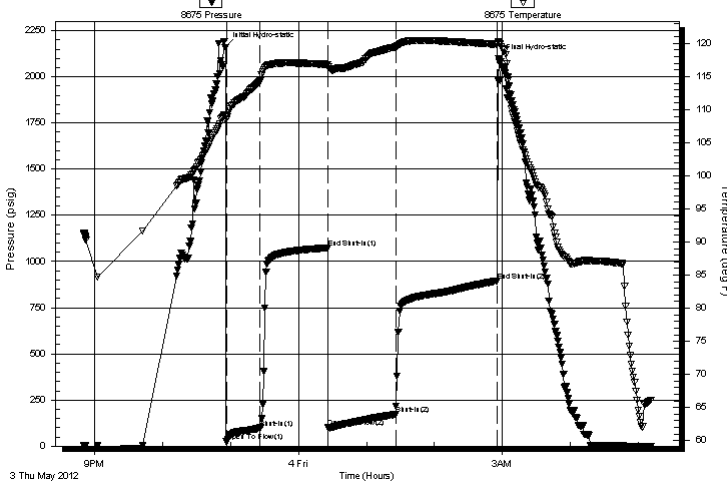
05:11:30

Time On Btm: 2012.05.03 @ 22:55:30

Time Off Btm: 2012.05.04 @ 02:57:00

TEST COMMENT: B.O.B. in 13 min.
Bled off for 5 min. Built to 1 1/2" return blow
B.O.B. in 4 min.
Bled off for 5 min. Built to 8" return blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2161.57	109.12	Initial Hydro-static
1	23.68	108.49	Open To Flow (1)
31	96.74	114.27	Shut-In(1)
91	1074.07	116.82	End Shut-In(1)
91	101.37	116.46	Open To Flow (2)
151	173.08	119.44	Shut-In(2)
241	895.04	119.86	End Shut-In(2)
242	2099.59	120.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	530 Feet Gas In Pipe	0.00
123.00	mco 5%M 15%G 80%O	0.60
128.00	gco 50%G 0%O	1.79
219.00	100% Clean Oil	3.07

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Company Inc.

7-15s-32w Logan,KS

1700 N Waterfront PKWY
BLDG 300 Suite C
Wichita KS 67206
ATTN: Phil Askey

Fairleigh 'D' #1-7

Job Ticket: 45958

DST#: 6

Test Start: 2012.05.03 @ 20:56:00

Tool Information

Drill Pipe:	Length: 4135.63 ft	Diameter: 3.80 inches	Volume: 58.01 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 123.29 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 58.62 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.92 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4268.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	62.00 ft			
Tool Length:	82.00 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			4249.00	
Shut In Tool	5.00			4254.00	
Hydraulic tool	5.00			4259.00	
Packer	5.00			4264.00	20.00 Bottom Of Top Packer
Packer	4.00			4268.00	
Stubb	1.00			4269.00	
Recorder	0.00	8675	Inside	4269.00	
Recorder	0.00	8650	Outside	4269.00	
Perforations	24.00			4293.00	
Change Over Sub	1.00			4294.00	
Drill Pipe	32.00			4326.00	
Change Over Sub	1.00			4327.00	
Bullnose	3.00			4330.00	62.00 Bottom Packers & Anchor

Total Tool Length: 82.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company Inc.

7-15s-32w Logan,KS

1700 N Waterfront PKWY
BLDG 300 Suite C
Wichita KS 67206
ATTN: Phil Askey

Fairleigh 'D' #1-7

Job Ticket: 45958

DST#: 6

Test Start: 2012.05.03 @ 20:56:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 56.00 sec/qt
Water Loss: 7.19 in³
Resistivity: ohm.m
Salinity: 4000.00 ppm
Filter Cake: 1.00 inches

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

Oil API: 30 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	530 Feet Gas In Pipe	0.000
123.00	mcgo 5%M 15%G 80%O	0.605
128.00	gco 50%G 0%O	1.793
219.00	100% Clean Oil	3.072

Total Length: 470.00 ft Total Volume: 5.470 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API: 30 @ 60 F = 30

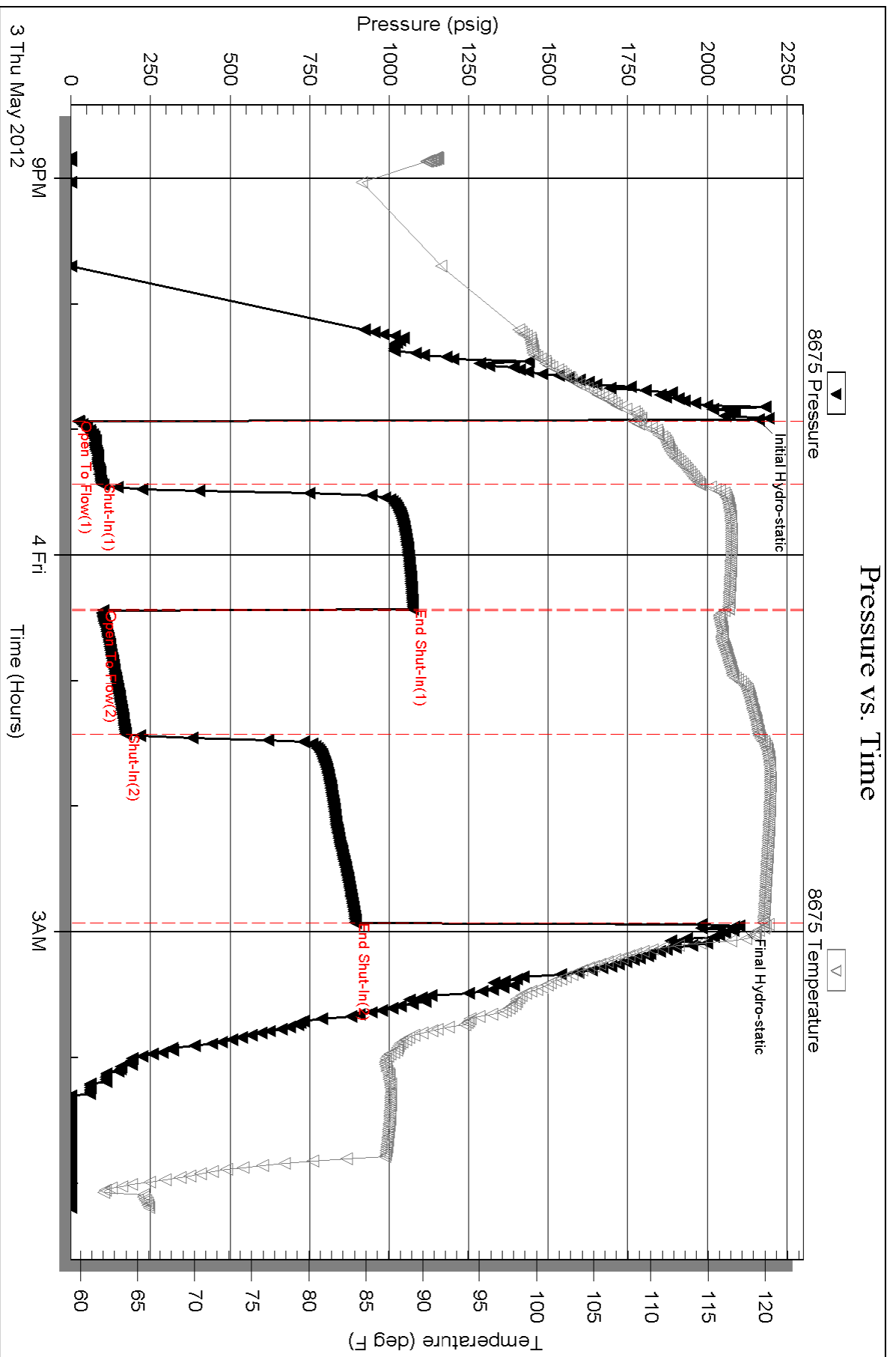
Serial #: 8675

Inside

Brito Oil Company Inc.

Fairleigh 'D' #1-7

DST Test Number: 6

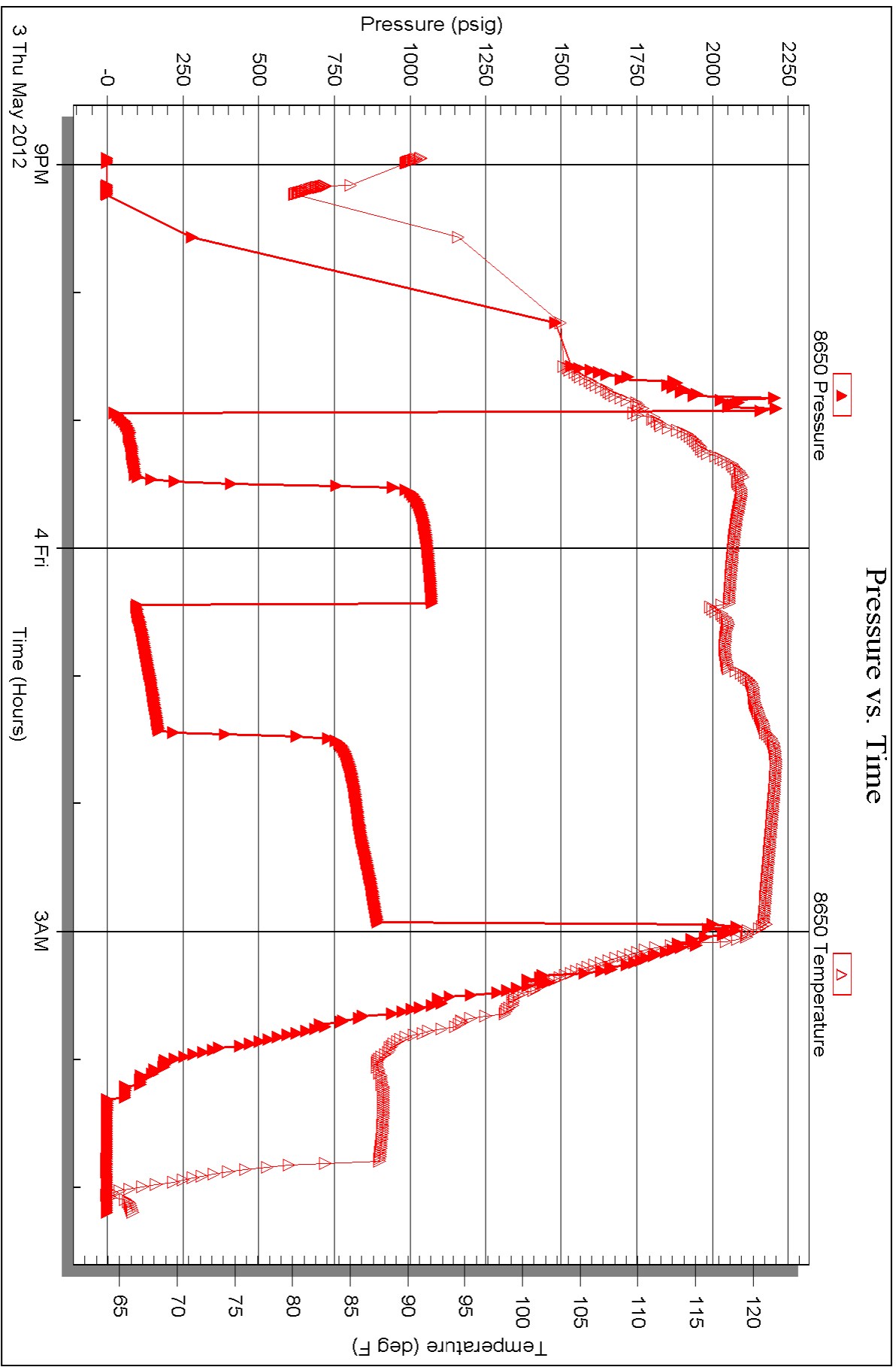


Serial #: 8650

Outside Brito Oil Company Inc.

Fairleigh 'D' #1-7

DST Test Number: 6





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. **45953**

4/10

Well Name & No. Fairleigh 'D' 1-7 Test No. 1 Date 4/29/12
 Company Brito Oil Company Inc Elevation 2736 KB 2731 GL
 Address 1700 N Waterfront Pkwy BLDG 300 Suite C Wichita KS 67206
 Co. Rep / Geo. Phil Asbey Rig WW Rig 2
 Location: Sec. 7 Twp. 15S Rge. 32W Co. Logan State KS

Interval Tested 3774 - 3800 Zone Tested Kansas City "E"
 Anchor Length 26 Drill Pipe Run 3664.39 Mud Wt. 8.7
 Top Packer Depth 3770 Drill Collars Run 123.29 Vis 67
 Bottom Packer Depth 3774 Wt. Pipe Run _____ WL 8.0
 Total Depth 3800 Chlorides 3,200 ppm System LCM 4
 Blow Description Built to 2" below
No return below
Built to weak surface below
No return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>70</u>	<u>Feet of maw</u>			<u>70</u>	<u>30</u>
<u>0</u>	<u>Feet of Bil spots in tool</u>				

Rec Total 70 BHT 110 Gravity _____ API RW .25 @ 55 °F Chlorides 35,000 ppm
 (A) Initial Hydrostatic 1,843 Test 1150 T-On Location 19:30
 (B) First Initial Flow 15 Jars _____ T-Started 20:20
 (C) First Final Flow 31 Safety Joint _____ T-Open 22:17
 (D) Initial Shut-In 761 Circ Sub N/C T-Pulled 1:47
 (E) Second Initial Flow 41 Hourly Standby _____ T-Out 3:17
 (F) Second Final Flow 67 Mileage 65 RT 100.75 Comments _____
 (G) Final Shut-In 636 Sampler _____
 (H) Final Hydrostatic 1,789 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 60 Day Standby _____ Total 1250.75
 Final Flow 60 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 60 Sub Total 1250.75

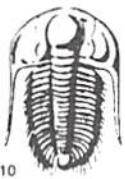
Approved By

Phil Asbey

Our Representative

[Signature]

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



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 45954

Well Name & No. Fairleigh 'D' 1-7 Test No. 2 Date 4/30/12
 Company Brito Oil Company Inc. Elevation 2736 KB 2731 GL
 Address 1700 N Waterfront Plwy BLDG 300 Suite C Wichita KS 67206
 Co. Rep / Geo. Phil Askey Rig WW Rig 2
 Location: Sec. 7 Twp. 15S Rge. 32W Co. Logan State KS

Interval Tested 3859 - 3900 Zone Tested Kansas City "H"
 Anchor Length 41 Drill Pipe Run 3725 Mud Wt. 9.0
 Top Packer Depth 3855 Drill Collars Run 123 Vis 56
 Bottom Packer Depth 3859 Wt. Pipe Run WL 9.6
 Total Depth 3900 Chlorides 3,400 ppm System LCM 2

Blow Description Built to 2 1/4" below
No return below
Built to 3 1/4" below
No return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>155</u>	<u>10CM with oil spots</u>			<u>40</u>	<u>60</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 155 BHT 108 Gravity API RW 20 @ 80 °F Chlorides 30,000 ppm
 (A) Initial Hydrostatic 1,884 Test 1150 T-On Location 11:55
 (B) First Initial Flow 17 Jars T-Started 12:25
 (C) First Final Flow 48 Safety Joint T-Open 13:58
 (D) Initial Shut-In 1,128 Circ Sub N/C T-Pulled 17:13
 (E) Second Initial Flow 50 Hourly Standby T-Out 18:51
 (F) Second Final Flow 84 Mileage Left RT 100.75
 (G) Final Shut-In 1,083 Sampler
 (H) Final Hydrostatic 1,854 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Extra Recorder Sub Total 0
 Day Standby Total 1250.75
 Accessibility MP/DST Disc't

Initial Open 30
 Initial Shut-In 45
 Final Flow 60
 Final Shut-In 60
 Sub Total 1250.75

Approved By Phil Askey Our Representative [Signature]

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 45955

Well Name & No. Fairleigh 'D' 1-2 Test No. 3 Date 5/1/12
 Company Barto Oil Company Inc. Elevation 2736 KB 2731 GL
 Address 1700 N Waterfront Pkwy BLDG 300 Suite C Wichita KS 67206
 Co. Rep / Geo. Phil Askey Rig WW Rig 2
 Location: Sec. 7 Twp. 15s Rge. 32w Co. Logan State KS

Interval Tested 3912 - 3953 Zone Tested Kansas City "I-J"
 Anchor Length 41 Drill Pipe Run 3789 Mud Wt. 9.0
 Top Packer Depth 3908 Drill Collars Run 123 Vis 56
 Bottom Packer Depth 3912 Wt. Pipe Run 0 WL 9.6
 Total Depth 3953 Chlorides 3,400 ppm System LCM 4

Blow Description B.O.B. in 11 min.
Bled off for 5 min. No return below
B.O.B. in 16 min.

Bled off for 5 min. No return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>510</u>	<u>water with oil spots</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 Total 510 BHT 117 Gravity — API RW .15 @ 60 °F Chlorides 55,000 ppm

(A) Initial Hydrostatic	<u>1,920</u>	<input checked="" type="checkbox"/> Test	<u>1150</u>	T-On Location	<u>2:45</u>
(B) First Initial Flow	<u>25</u>	<input type="checkbox"/> Jars		T-Started	<u>3:45</u>
(C) First Final Flow	<u>176</u>	<input type="checkbox"/> Safety Joint		T-Open	<u>5:33</u>
(D) Initial Shut-In	<u>985</u>	<input checked="" type="checkbox"/> Circ Sub <u>WC</u>		T-Pulled	<u>8:34</u>
(E) Second Initial Flow	<u>178</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>10:10</u>
(F) Second Final Flow	<u>280</u>	<input checked="" type="checkbox"/> Mileage <u>65 AT</u>	<u>100.75</u>	Comments	
(G) Final Shut-In	<u>978</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>1,872</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Shale Packer	

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

Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

Sub Total 1250.75

Ruined Packer
 Extra Copies
 Sub Total 0
 Total 1250.75
 MP/DST Disc't

Approved By Phil Askey Our Representative [Signature]

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TRIOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 45956

Well Name & No. Fairleigh 'D' 1-7 Test No. 4 Date 5/2/12
 Company Brito Oil Company Inc Elevation 2736 KB 2731 GL
 Address 1700 N Waterfront PKWY BLDG 300 Suite C Wichita KS 67206
 Co. Rep / Geo. Phil Asbey Rig EWG Rig 2
 Location: Sec. 7 Twp. 155 Rge. 32w Co. Logan State KS

Interval Tested 4080 - 4160 Zone Tested Marmaton
 Anchor Length 80 Drill Pipe Run 3944 Mud Wt. 9.0
 Top Packer Depth 4076 Drill Collars Run 123 Vis 51
 Bottom Packer Depth 4080 Wt. Pipe Run WL 8.8
 Total Depth 4160 Chlorides 4,000 ppm System LCM 2
 Blow Description Built to 6 1/2" below
No return below
B.O.B. in 31 min.

Bled off for 5 min. Built to 1/4" return below. Dickin 45 min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>1000 O.I</u>	<u>100</u>			
<u>145</u>	<u>6WOM</u>	<u>10</u>	<u>30</u>	<u>10</u>	<u>50</u>
<u>190</u>	<u>6IP</u>				

Rec Total 205 BHT 112 Gravity 35 API RW — @ — ° F Chlorides ppm

(A) Initial Hydrostatic <u>2,033</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>8:10</u>
(B) First Initial Flow <u>21</u>	<input type="checkbox"/> Jars	T-Started <u>8:15</u>
(C) First Final Flow <u>68</u>	<input type="checkbox"/> Safety Joint	T-Open <u>9:57</u>
(D) Initial Shut-In <u>1,205</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>13:57</u>
(E) Second Initial Flow <u>75</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>16:00</u>
(F) Second Final Flow <u>95</u>	<input checked="" type="checkbox"/> Mileage <u>65RT</u> 100.75	Comments
(G) Final Shut-In <u>1,184</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1,987</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>60</u>	<input type="checkbox"/> Day Standby	Total <u>1350.75</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1350.75</u>	

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



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 45957

4/10

Well Name & No. Fairleigh 'D' 1-2 Test No. 5 Date 5/3/12
 Company Brito Oil Company Inc Elevation 2736 KB 2731 GL
 Address 1700 N Waterfront Pkwy Bldg 300 suite 2 Wichita KS 67206
 Co. Rep / Geo. Phil Askey Rig WW Rig 2
 Location: Sec. 7 Twp. 15S Rge. 32w Co. Logan State KS

Interval Tested 4182 - 4270 Zone Tested Pawnee, Fort Scott, Cherokee
 Anchor Length 88 Drill Pipe Run 4069 Mud Wt. 9.1
 Top Packer Depth 4178 Drill Collars Run 123 Vis 58
 Bottom Packer Depth 4182 Wt. Pipe Run _____ WL 8.0
 Total Depth 4270 Chlorides 5,400 ppm System LCM 1
 Blow Description Built to 2" below
No return below
Built to 1 3/4" below
No return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>70</u>	<u>CCM</u>	<u>10</u>		<u>90</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 70 BHT 111 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2,121</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>6:35</u>
(B) First Initial Flow <u>21</u>	<input type="checkbox"/> Jars	T-Started <u>7:00</u>
(C) First Final Flow <u>36</u>	<input type="checkbox"/> Safety Joint	T-Open <u>8:57</u>
(D) Initial Shut-In <u>391</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>10:58</u>
(E) Second Initial Flow <u>44</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>12:35</u>
(F) Second Final Flow <u>52</u>	<input checked="" type="checkbox"/> Mileage <u>65 RT</u> 100.75	Comments _____
(G) Final Shut-In <u>213</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2,025</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>1350.75</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>1350.75</u>	

Approved By Phil Askey Our Representative [Signature]
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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. **45958**

4/10

Well Name & No. Fairleigh 'D' 1-2 Test No. 6 Date 5/3/12 5/4/12
 Company Brito Oil Company Inc Elevation 2736 KB 2731 GL
 Address 1200 N Waterfront Pkwy Bldg 300 Suite C Wichita KS 67206
 Co. Rep / Geo. Phil Ashby Rig WW Rig 2
 Location: Sec. 7 Twp. 15S Rge. 32W Co. Logan State KS

Interval Tested 4268 - 4330 Zone Tested Johnson
 Anchor Length 62 Drill Pipe Run 4135 Mud Wt. 9.0
 Top Packer Depth 4264 Drill Collars Run 123 Vis 56
 Bottom Packer Depth 4268 Wt. Pipe Run WL 7.2
 Total Depth 4330 Chlorides 4,000 ppm System LCM 1

Blow Description B.O.B in 13 min
Bled off for 5 min Built to 1 1/2" return below
B.O. B. in 4 min.

Bled off for 5 min Built to 8" return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>0</u>	<u>530 Feet Gas In Pipe</u>				
<u>219</u>	<u>Clean Oil</u>		<u>100</u>		
<u>128</u>	<u>600</u>	<u>50</u>	<u>50</u>		
<u>123</u>	<u>mc 60</u>	<u>15</u>	<u>80</u>		<u>5</u>

Rec Total 470 BHT 120 Gravity 30 API RW - @ - ° F Chlorides ppm

(A) Initial Hydrostatic 2,162 Test 1250 T-On Location 20:30
 (B) First Initial Flow 24 Jars T-Started 20:56
 (C) First Final Flow 97 Safety Joint T-Open 23:02
 (D) Initial Shut-In 1,074 Circ Sub N/C T-Pulled 3:02
 (E) Second Initial Flow 101 Hourly Standby T-Out 5:17
 (F) Second Final Flow 173 Mileage 65AT 100.75
 (G) Final Shut-In 895 Sampler
 (H) Final Hydrostatic 2,100 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer

Initial Open 30 Extra Packer Extra Copies
 Initial Shut-In 60 Extra Recorder Sub Total 0
 Final Flow 60 Day Standby Total 1350.75
 Final Shut-In 90 Accessibility MP/DST Disc't
 Sub Total 1350.75

Approved By Phil Ashby Our Representative [Signature]

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ALLIED CEMENTING CO., LLC. 040963

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Oakley

DATE <u>4-26-12</u>	SEC. <u>7</u>	TWP. <u>15</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION <u>4:00</u>	JOB START <u>5:30 Pm</u>	JOB FINISH <u>5:30 Pm</u>
EASE <u>Fairleigh's</u>		WELL# <u>1-7</u>	LOCATION <u>Oakley 235 4 1/2 W 25</u>			COUNTY <u>Logan</u>	STATE <u>Ks</u>
OLD OR <input checked="" type="checkbox"/> NEW (Circle one)			E into				

CONTRACTOR WW-2 OWNER Same

TYPE OF JOB Surface

BOLE SIZE 12 1/4 T.D. 219 CEMENT

FINISHING SIZE 8 5/8 DEPTH 218.84 AMOUNT ORDERED 160 SKS 3% CC

PIPE SIZE DEPTH 2% GEL

DRILL PIPE DEPTH

BOLE DEPTH

RES. MAX MINIMUM

WEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

ERFS.

DISPLACEMENT 12.98

EQUIPMENT

PUMP TRUCK CEMENTER Dawn R.

422 HELPER Tyler

ULK TRUCK DRIVER Steve

ULK TRUCK DRIVER

HANDLING 173.0 @ \$2.10 \$ 363.30

MILEAGE 7.896 ¹⁷³ x 31 x \$2.35 \$ 575.22

TOTAL \$ 3951.42

REMARKS:

mix SKS Cement

Displace with Water

Cement Did Circulate

CHARGE TO: Brito oil Co.

TREET

ITY STATE ZIP

I, JD Hafliker, of Allied Cementing Co., LLC, do hereby request you 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 JD Hafliker

SIGNATURE 

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 34447
LOCATION Oakley, KS
FOREMAN Kelly Gabel

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-5-12	5659	Fairleigh D 1-7	7	15S	32W	Logan
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS			399	Damon M		
CITY			460	CODY R		
STATE				Thomas B		
ZIP CODE						

JOB TYPE Prod HOLE SIZE 7 7/8 HOLE DEPTH 4470' CASING SIZE & WEIGHT 5 1/2 14#
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14² SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 44'
 DISPLACEMENT 107'14 DISPLACEMENT PSI 700# MIX PSI _____ RATE 600/min

REMARKS: Safety meeting, Rigged up on W&W Drilling Rig #2, non float equip
Cent on sts 1, 2, 3, 4, 5, 7, 9, 11, 13, 15, 54 Basket on 55 PC top #55 hooked
up to circulate for 1/2 hrs, Pumped 15 bbl KCL 100 gal flt - check 5 bbl KCL
Mixed 30SKS in RH, mixed 170SKS 50/50 Poz, 109 salt, 29 gel, .25% CFI 115,
Cleaned pumps & lines, released plug & displaced with 100 bbl water @ 700 # lit
plug landed @ 1520 #, released pressure float did not hold, pressured to
1000# shut in, rigged down

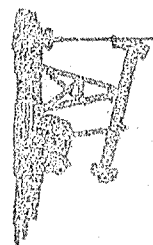
*Thank You
Kelly & crew*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	3020.00	3020.00
5406	25	MILEAGE	5.00	125.00
1124	200 SKS	50/50 Poz	13.15	2630.00
1118B	336 #	Bentonite	.25	84.00
1111	900 #	Salt	.45	405.00
1102	240 #	Calcium chloride	.89	213.60
1114A	200 #	sodium Metasilicate	2.40	480.00
1215	2891	KCL	35.70	7140.00
5407	7.4	Ton mileage	167	410.00
4203	1	5 1/2 guide shoe (w)	193.00	193.00
4127	1	5 1/2 float collar (I)	441.00	441.00
4136	1	5 1/2 Turbolizer (I)	792.00	792.00
4104	1	5 1/2 basket (w)	276.00	276.00
4285	1	5 1/2 Portcollar (I)	2075.00	2075.00
4406	1	5 1/2 Rubber Plug	88.00	88.00
1135A	42 #	CFI-115	10.55	443.10
			Subtotal 11	11747.10
			total	10,572.39
			SALES TAX	570.07
			ESTIMATED TOTAL	11,142.46

Revin 3737

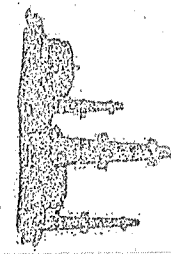
12:30 PM AUTHORIZATION [Signature] TITLE 249531 DATE 5-5-12

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



PHIL ASKEY

PETROLEUM GEOLOGIST



GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY Brito Oil Company, Inc.

LEASE Fairleigh "D" #1-7

FIELD Willcat

LOCATION 945' ESE & 2082' EWL

SEC 7 TWPSP 15 S RGE 32 W

COUNTY Logan STATE Kansas

CONTRACTOR WW Drilling, LLC Log # 2

SPUD 4-26-12 COMP 5-5-12

RTD 4470' LTD 4469'

MUD UP 3378'-3410' TYPE MUD Chemical-Mud-Cr

SAMPLES SAVED FROM 3400' TO RTD

DRILLING TIME KEPT FROM 2100'-2200'; 3400' TO RTD

SAMPLES EXAMINED FROM 3400' TO RTD

GEOLOGICAL SUPERVISION FROM 3650' TO RTD

GEOLOGIST ON WELL Phil Askey, P.G.

FORMATION TOPS LOG SAMPLES

FORMATION TOPS	LOG	SAMPLES
<u>Anhydrite</u>	<u>2143</u>	<u>+593</u>
<u>Adolmer</u>	<u>3661</u>	<u>-925</u>
<u>Lansing</u>	<u>3698</u>	<u>-962</u>
<u>Shale</u>	<u>3956</u>	<u>-1220</u>
<u>B/KC</u>	<u>4035</u>	<u>-1299</u>
<u>Marmaton</u>	<u>4073</u>	<u>-1337</u>
<u>Pawnee</u>	<u>4166</u>	<u>-1430</u>
<u>Cherokee</u>	<u>4248</u>	<u>-1512</u>
<u>Johnson Zone</u>	<u>4290</u>	<u>-1554</u>
<u>Mississippian</u>	<u>4383</u>	<u>-1647</u>
<u>LR/RH</u>	<u>4469</u>	<u>-1733</u>

ELEVATIONS

KB 2736'

DF 2731'

Measurements Are All From KB

CASING 8 5/8" @ 219' w/ 1605'S

PRODUCTION 5 1/2" @ 4450'

ELECTRICAL SURVEYS Log-Tech

Log-Culloc, micor

KS License #66

Reference Well:

Brito Oil Co., Fairleigh #1-7

Fairleigh "D" #1-7

REMARKS

The Brito Oil Company, Inc. Fairleigh "D" #1-7 ran structurally high to the key Reference well, Brito Oil Co., Fairleigh #1-7 for all formations topped below. Many sample shows were encountered with positive DST results from the (Altamont B+C) + the Johnson zone.

After review of all DST results and E-log evaluation, it was decided to set 5 1/2" production casing to complete the Johnson zone and Marmaton.

Phil Askey, P.G.

well API # 15-109-21080

LEGEND

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

SCALE " = 100'

DRILLING TIME IN MINUTES

LOG 7709

PER FOOT
Rate of Penetration Increases

LITHOLOGY

SAMPLE DESCRIPTIONS

REMARKS

DEPTH

5" 10" 15" 20" 25"

2100

Anhydrite 2145 (+591)

E-log 2143 (+593)

50

B/Anky 2167 (+569)

E-log 2164 (+572)

3400

Topeka 3438 (-702)

E-log 3437 (-701)

50

Samples: 10' wet & dry

3400'-RTD good samples

Delivered to K&S Well Library 5/12/12

Rig data:

WOB 38 K RPM 85

SPM 60 PP 800 #

Bit data:

Smith F.27 77/8"

220'-RTD (4470') 91 hr

48'/hr

Dev Surveys:

3/4° @ 219'

1° @ 3800'

1 3/4° @ RTD (4470')

LS, con. of lith. Hqy. Rm. of bed.

Rss, tr. chky, scat. xld. sh., N.S.

sh., red-ed. var. some - red beds
some silty - sandy

tr. qz - gyp. con. - gran., var.

LS, of lith. Hqy. Rm. of bed.

Rm. - das, tr. chky, tr. chky, N.S.

tr. chky, red-ed. var.

LS, of lith. qz. Rm. - das

mic. of - tr. chky, tr. chky, N.S.

scat. xld. sh., red-ed. var.

col. var., some silty - sandy

(note: samples improve @ 3430')

LS, Hqy. Hqy. Rm. of bed.

tr. chky, Rm. - das, tr. chky, N.S.

scat. xld. sh., red-ed. var.

sh., red-ed. var. some - red beds

3500

50

3600

50

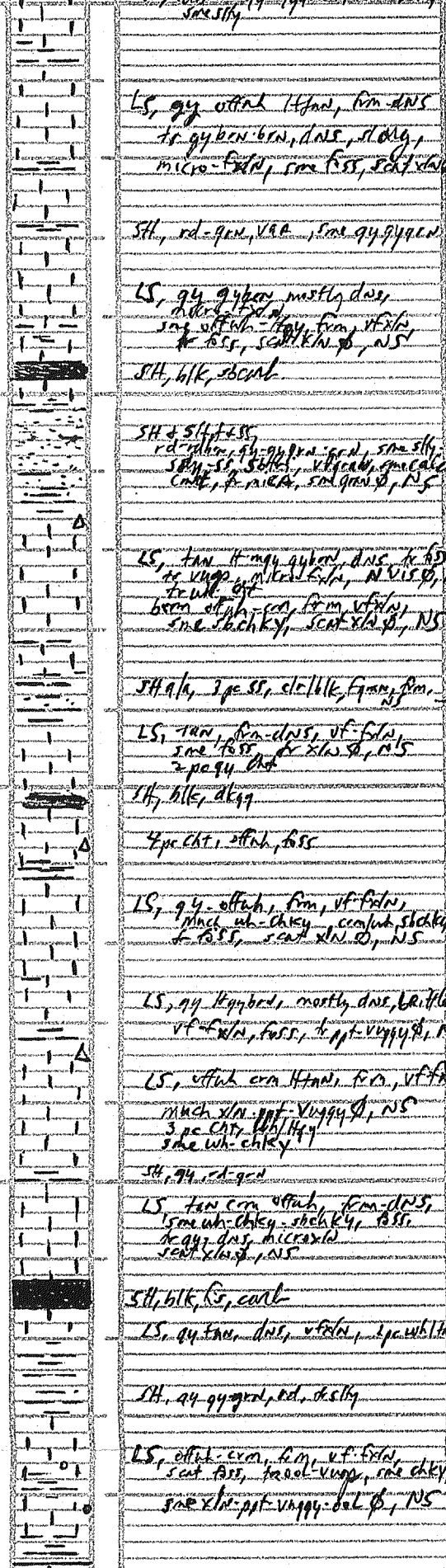
3700

Healden 3663 (-927)

E-log 3661 (-925)

Lansing 3699 (-963)

E-log 3698 (-962)



Pipe Strap @ 3800'

Strap 3820.78'

Board 3820.04'

Pipe long .74' (no corr made)

DSTs: 6 by Trilobite testing

Mud-Co data @ 3588'

WT 8.7 VLS 67 WL 8.0 Solids 2.6%

pH 10.0 CL 3,200ppm LCM 2th YP21

LS, tan. cr. wh. qtz. firm-dns, v. f. fine, some wh. chky, some xln. sp., & vuggy-fe. sp., NS

LS, tan. cr. wh. qtz. firm-dns, v. f. fine, some wh. chky, some xln. sp., & vuggy-fe. sp., NS

(no blow back)

50

Stank SH 3957 (-1221)

E-log 3956 (-1220)

K

CF: LS, s/shen.ala, brn tan gy
obsc. f. sp., mostly dark, f. sp.,
N. sp., N.S. make wh - chky

SH, blk, R, carb
94.999m rd-rdbrn sm-sky

LS, tan gy, obs - brn Hgy, brn-dns
micro-f. sp., fr. f. sp., much wh - chky,
fr. moll - f. sp., seat ool - unsp,
2 pc. wh. dk. sp. d. str., N. sp., N. sp.,
fr. int. odor

CF: LS, g/c, 2 pc. dk. f. sp. in tiny ad. sp.
f. sp., f. sp., nodul
much wh - chky, chky - chky

LS, offwh, com, tan, harm, Hgy,
fr. m. v. f. sp., chky, some f. sp.,
seat ool - unsp, N.S.

LS, tan com, offwh, com, dk. f. sp., val
fr. ool - x. sp., 2 pc. brn. sp. d. str., N. sp.,
N. sp.,
SH, blk, R, carb

LS, offwh, com, tan, Hgy, fr. m. dns,
some wh - chky, fr. m. dns, some f. sp.,
seat f. sp., fr. ool, 2 pc. brn - chky,
wh. unsp. sp., 1 pc. dk. f. sp., fr. sp., fr. odor

CF: LS, tan com, offwh - Hgy, 94.999m,
fr. m. dns, matt - f. sp., some wh - chky,
fr. ool - x. sp., 2 pc. dk. str. with f. sp.,
N. sp., 4 pc. gy. chky

LS, offwh, harm - Hgy, fr. m. dns,
fr. f. sp., some wh - chky, fr. f. sp.,
fr. m. dns, dk. chky, fr. f. sp.,
1 pc. brn. str. in tiny unsp, N. sp., nodul

SH, m-dk. gy, blk, rd-rdbrn, 99.999m

LS, tan com, offwh, Hgy, dns,
micro-f. sp., some f. sp., wh - chky,
chky, fr. m. dns, unsp. sp., 1 pc. brn
sp. d. str., N. sp., nodul

SH, m-dk. gy, blk, rd-rdbrn, 99.999m

LS, tan gy, com, dns, micro-f. sp.,
wh - chky, seat f. sp., N. sp., N. sp.,
3 pc. pearl. chky

LS, offwh, com, Hgy, fr. m. dns,
fr. f. sp., seat - unsp, some f. sp., fr. m. dns,
seat f. sp. = ool. sp. fr. dk. brn. str.,
fr. sp., f. sp., st. odor

SH, rd-rdbrn, 99.999m, blk

LS, tan gy, offwh - wh, com, fr. m. dns,
fr. chky, fr. m. dns, unsp. sp., brn. str.,
fr. sp., fr. sp., st. odor

LS, tan gy, com, fr. m. dns, micro-f. sp.,
f. sp., fr. sp., der. unsp, N.S.

CF: LS, tan com, fr. m. dns, 2 pc. ool - f. sp.,
brn. sp. d. str., fr. m. dns, fr. odor
4 pc. chky, Hgy

Rec: 510' Wm w/oil spots (100% W)

CL 55,000 ppm
Rw .15 @ 60°F

IFP 25-176# 15IP 985#
FFP 178-280# F5IP 978#

BHT 117°F

Mud-Co data @ 3953'

WT 9.0 VIS 51 WL 8.8 solids 4.7%
pH 10.0 CL 4,000 ppm LCM 2# YP 17

4000

Hushpuckery SH 4004 (-1268)

E-log 4003 (-1267)

L

B/KC 4036 (-1300)

E-log 4035 (-1299)

50

SH, m-dk. gy, blk, rd-rdbrn, 99.999m

LS, tan com, offwh, Hgy, dns,
micro-f. sp., some f. sp., wh - chky,
chky, fr. m. dns, unsp. sp., 1 pc. brn
sp. d. str., N. sp., nodul

SH, m-dk. gy, blk, rd-rdbrn, 99.999m

LS, tan gy, com, dns, micro-f. sp.,
wh - chky, seat f. sp., N. sp., N. sp.,
3 pc. pearl. chky

LS, offwh, com, Hgy, fr. m. dns,
fr. f. sp., seat - unsp, some f. sp., fr. m. dns,
seat f. sp. = ool. sp. fr. dk. brn. str.,
fr. sp., f. sp., st. odor

SH, rd-rdbrn, 99.999m, blk

LS, tan gy, offwh - wh, com, fr. m. dns,
fr. chky, fr. m. dns, unsp. sp., brn. str.,
fr. sp., fr. sp., st. odor

LS, tan gy, com, fr. m. dns, micro-f. sp.,
f. sp., fr. sp., der. unsp, N.S.

CF: LS, tan com, fr. m. dns, 2 pc. ool - f. sp.,
brn. sp. d. str., fr. m. dns, fr. odor
4 pc. chky, Hgy

DST #4 4080' - 4160'

Times: 30" - 60" - 60" - 90"

1st open: blow built to 6 1/2 inches
(no blowback)

2nd open: BOB in 31"
(bled off 5"; blow back 1/4 inch)

Rec: 190' GIP

60' CO 35 gmw CORR

145' Gcwom (10% gas 30% oil
10% Wtr 50% Mud)

Total Fluid 205'

IFP 21-68# 15IP 1205#

FFP 75-95# F5IP 1184#

BHT 112°F

Mud-Co data @ 4160'

WT 9.1 VIS 58 WL 8.0 solids 5.4%

4100

Altamont 4102 (-1366)

E-log 4100 (-1364)

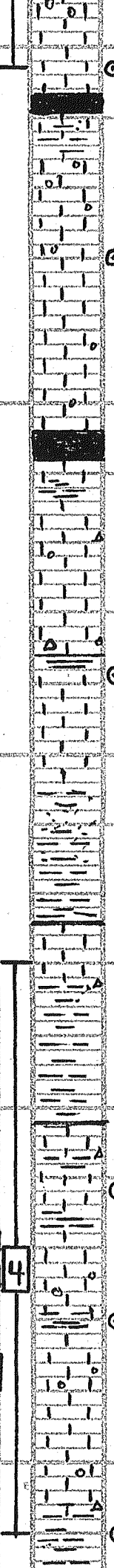
A

B

C

50

Short trip
1C studs



Fawcett 4168 (-1434)
E-log 4166 (-1430)

FT Scott 4221 (-1485)
E-log 4220 (-1484)

Cherokee Sh. 4249 (-1513)
E-log 4248 (-1512)

Johnson Zone 4290 (-1556)
E-log 4290 (-1554)

B. Johnson 4330 (-1591)
E-log 4328 (-1592)

Morrow SH

Mississippi 4384 (-1648)



SH, blk, ss, carb
gy. ribbed, maroon, cal., var

LS, tan, crm, gy. m. con, mostly det.
fine-m. m. con, s. v. l. v. g.
3 pc. carb. con. det. s. v. l. v. g.
2 pc. w/ brn. str. in det. v. l. v. g. N. F. A.

LS, crm-tan, offwh. s. m. con-dns-ctky
fin-dns, s. m. offwh-schky
micro-f. det. s. m. tan-brn, ch. det. N. F. A.
2 pc. ool. f. v. w/ brn. str. in det. N. F. A.

SH, blk, ss, carb

LS, tan-brn, crm, gy, m. dk. ybrn
fin-dns, s. m. offwh-schky, to det. con
5 pc. w/ brn. str. in det. v. l. v. g. N. F. A.
3 pc. carb. con. det. s. v. l. v. g. N. F. A.

SH, blk, ss, carb

LS, tan-brn, crm, gy, m. dk. ybrn
fin-dns, s. m. offwh-schky, to det. con
5 pc. w/ brn. str. in det. v. l. v. g. N. F. A.
3 pc. carb. con. det. s. v. l. v. g. N. F. A.

LS, tan-brn, crm, gy, m. dk. ybrn
fin-dns, s. m. offwh-schky, to det. con
5 pc. w/ brn. str. in det. v. l. v. g. N. F. A.
3 pc. carb. con. det. s. v. l. v. g. N. F. A.

SH, blk, ss, carb

LS, tan-brn, crm, gy, m. dk. ybrn
fin-dns, s. m. offwh-schky, to det. con
5 pc. w/ brn. str. in det. v. l. v. g. N. F. A.
3 pc. carb. con. det. s. v. l. v. g. N. F. A.

SH, blk, ss, carb

LS, tan-brn, crm, gy, m. dk. ybrn
fin-dns, s. m. offwh-schky, to det. con
5 pc. w/ brn. str. in det. v. l. v. g. N. F. A.
3 pc. carb. con. det. s. v. l. v. g. N. F. A.

LS, tan-brn, crm, gy, m. dk. ybrn
fin-dns, s. m. offwh-schky, to det. con
5 pc. w/ brn. str. in det. v. l. v. g. N. F. A.
3 pc. carb. con. det. s. v. l. v. g. N. F. A.

LS, tan-brn, crm, gy, m. dk. ybrn
fin-dns, s. m. offwh-schky, to det. con
5 pc. w/ brn. str. in det. v. l. v. g. N. F. A.
3 pc. carb. con. det. s. v. l. v. g. N. F. A.

LS, tan-brn, crm, gy, m. dk. ybrn
fin-dns, s. m. offwh-schky, to det. con
5 pc. w/ brn. str. in det. v. l. v. g. N. F. A.
3 pc. carb. con. det. s. v. l. v. g. N. F. A.

SS, blk, ss, carb

SS, blk, ss, carb

SS, blk, ss, carb

SS, blk, ss, carb

SS, blk, ss, carb

pH 10.0 CL 5,400 ppm LCM 1# YP 18

DST #5 4182' - 4270'

Times: 30"-30"-30"-30"

1st gun: blow built to 2 inches
(no blow back)

2nd gun: blow built to 1 3/4 inches
(no blow back)

Rec: 70' OCM (10% oil 90% Mud)

IFP 21-36# 15IP 391#
FFP 44-52# FSIP 213#
BHT 111.6

DST #6 4268' - 4330'

Times: 30"-60"-60"-90"

1st gun: BOB in 13"
(1 1/2 inch blow back)

2nd open: BOB in 4"
(8 inch blow back)

Rec: 530' GIP

219' CO 30 grav coal

128' GCO (50% Gas 50% oil)

123' MCGO (15% G 80% O 5% mud)

Total fluid 470'

IFP 24-97# 15IP 1074#
FFP 101-173# FSIP 895#
BHT 120°F

Mud-Co data @ 4330'

WT 9.1 VIS 58 WL 9.6 Solids 5.3%

pH 9.0 CL 4,400ppm LCM 1# YP 17

E-log 4383 (-1647)

4400

50

RTD 4470 (-1734)

LTD 4469 (-1733)

5° 10° 15° 20° 25°

DEPTH

DRILLING TIME Minutes/Foot

Rate of Penetration Increases

LITHOLOGY

SAMPLE DESCRIPTIONS

REMARKS

LS, tan. blk. 1/4, dms,
micro. v. xln, f. gran. - sh. y, some
sh. y, mpt. f. gran. - sh. y, some
f. gran. - sh. y, some

LS, homo, blk. - top, 1/4, f. gran. -
dms, sh. y, sh. y, blk. - gran. - sh. y?
f. gran. - sh. y, some

LS, cream, wh. blk. sh. y - sh. y,
micro. blk. v. f. gran. - sh. y,
f. SS, wh. blk. sh. y - dms, v. f. gran.,
sand sh. y - gran. - sh. y, NS

(FS) LS, homo, cream blk. top
f. gran. - sh. y, some
sh. y - sh. y,
sand sh. y - gran. - sh. y, NS
3 pc. calc. blk.

COMPANY

Brito Oil Company, Inc.

LEASE

Fairleigh 'D' #1-7

ELEVATION:

2736' KB

LOCATION

2073' FWL $\frac{1}{2}$ 945' FSL
SEC 7 TWP 15S RNG 32W

COUNTY

Logan

STATE

Kansas