



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1117362
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: _____



1117362

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: 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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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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
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

February 18, 2013

Leon Rodak
Murfin Drilling Co., Inc.
250 N WATER STE 300
WICHITA, KS 67202-1216

Re: ACO1
API 15-109-21136-00-00
Zerr 1-1
SW/4 Sec.01-12S-33W
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,
Leon Rodak

	Brito Zerr #1-1 1800' FSL & 2300' FWL Sec. 1-T12S-R33W 3049' KB						Brito Weber Trust #1-1 485' FNL & 1950' FEL Sec. 1-T12S-R33W 3055' KB	
Formation	Sample Tops	Datum	Ref	Log Tops	Datum	Ref	Log Tops	Datum
Anhydrite	2563	+486	+11	2560	+489	+14	2580	+475
B/Anhydrite	2588	+461	+7	2584	+465	+11	2601	+454
Heebner	3974	-925	+11	3976	-927	+9	3991	-936
Lansing	4018	-969	+8	4020	-971	+6	4032	-977
Muncie Crk	4162	-1113	+6	4158	-1109	+10	4174	-1119
Stark	4238	-1189	+10	4238	-1189	+10	4254	-1199
BKC	4308	-1259	+8	4298	-1249	+18	4322	-1267
Marmaton	4333	-1284	+11	4334	-1285	+10	4350	-1295
Fort Scott	4496	-1447	+9	4494	-1445	+11	4511	-1456
Cherokee	4524	-1475	+8	4522	-1473	+10	4538	-1483
Johnson Zn	4565	-1518	+8	4564	-1517	+9	4581	-1526
Mississippi	4629	-1580	-1	4628	-1579	-	4634	-1579
Total Depth	4710			4708			4699	

PATRICK J. DEENIHAN

Licensed Geologist No. 254

4502 Snyglace Circle

Wichita, KS 67226

Phone: 516-630-0164

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

OPERATOR BRITO OIL COMPANY, INC

LEASE ZERR #1-1

FIELD WILCOCHT

LOCATION NW. 35. NE. 5W (1800' x 2300' FOM)

SEC. 1A TWP. 12S RGE. 33W

COUNTY Logan STATE KANSAS

CONTRACTOR MURKIN DRILLING CO., INC. (Rig #21)

DATE 10-24-12 COMPLETION 11-03-12

WELL NO. 4710' LOG TO 4700'

SWISS SWED FROM 3700' TO T.D.

DRILLING TIME KEPT FROM 3700' TO T.D.

GAS/RES EXAMINED FROM 3700' TO T.D.

GEOLOGICAL SUPERVISION FROM 3700' TO T.D.

MUD UR TYPE MUD CHEMICAL

WELL NO. 15-109-2136-00

FORMATION	TOP	LOG	BATHY	TOP	SAMPLE	DEPTH	STRUCT.
ANHYDRITE	2561	(+480)	2563	(+480)		+12	
GASE/ANHY	2585	(+466)	2587	(+462)		+13	
HEBERNER	3976	(-927)	3974	(-925)		+9	
LANASWIA	4020	(-971)	4018	(-969)		+9	
MUSGIE LEEK	4158	(-1109)	4162	(-1113)		+10	
STARK SHALE	4208	(-1159)	4208	(-1159)		+10	
B.K.	4308	(-1259)	4308	(-1259)		+10	
MARSHALL	4334	(-1285)	4333	(-1284)		+10	
FORT SCOTT	4495	(-1446)	4496	(-1447)		+11	
CHEKORSE	4522	(-1473)	4524	(-1475)		+10	
Johnson Zone	4564	(-1515)	4565	(-1516)		+11	
MISSISSIPPIAN	4628	(-1579)	4630	(-1581)		+1	

ELEVATION
3049'

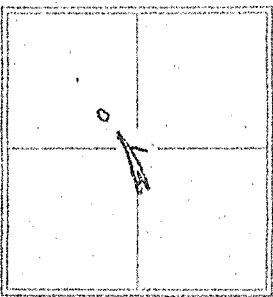
DF
3038'

Measurements are All
From K.B.

CASING RECORD
SURFACE 8 5/8 @ 222'

PRODUCTION 5 1/2 TB.T.D.

WELL LOG SURVEYS
DUAL INDUCTION,
GR-CND-EMROD
LOG TECH



REMARKS: AS A RESULT OF STRUCTURAL POSITION, POSITIVE DST RESULTS & LOG EVALUATIONS, IT WAS RECOMMENDED & AGREED UPON BY ALL PARTIES CONCERNED THAT PRODUCTION CSG BR SET ON THE ZERR 1-1 TO FURTHER EVALUATED THIS WELL.

RESPECTFULLY SUBMITTED,
PATRICK J. DEENIHAN

Patrick J. Deenihan
PETROLEUM GEOLOGIST

Drilling Time Minutes/Foot	Depth	Gas Curve	LITH	Sample Descriptions	Remarks
0	5'				
	10'				
	15'				
	20'				
	2500'				
				10-24-12-MIRU	
				10-25-12-2221	
				10-26-12-2435'	
				10-27-12-3233'	
				10-28-12-4110'	
				10-29-12-4225'	
				10-30-12-4232'	
				10-31-12-4234'	
				11-01-12-4265'	
				11-02-12-4490'	
				11-03-12-4670'	

50

ANHYDRITE

2563 (+486)

ANHYDRITE

BASE/ANHY

2587 (+462)

BASE/ANHYDRITE

2700

RAN PDC BIT
BIT CHANGE TO
CONVENTIONAL
3526' STAMP =
1.46 SMART TO
BOARD

3100

SAMPLES V-POOR
LOTS OF RECORD

✓

50

✓

SAMPLES WASHING, BRN

✓

3800

SH, BROWN GRN & GR
1.5% SLT, W/ST. W/ST
BRN

LS, WHT - FSSS - DBL
SLT - NO ST. W/ST

SH, VARICOLOR

LS, WHT - CRM - FSSS
SUB - CHALKY TO CHALKY
NO ST. W/ST

SH, GRY - GRN & BRN

LS, WHT - CRM - SLT - FSSS
SUB - CHALKY TO CHALKY
NO ST. W/ST

MVD Co / SERVICE
VIS = 57, WT 9.3
WL = 8.0, CHL = 5000

50

3900

SH, GRY - BLACK - BRN

LS, WHT - GRY - FN - XLN
SLT - FSSS - NO ST. W/ST

50

LS, WHT - LT GRY - SING
SLT - FSSS - FN - XLN
DENSE - NO ST. W/ST

HEEBNER
3977 (-925)

HEEBNER

SH, BLACK CARB

LS, CRM - SING - SLT -
FSSS

SH, BRN - GUMMY

TORONTO
4001 (-952)

4000

TORONTO

LS, WHT - GRN - SING - FN -
XLN, SH - FSSS - V. GR
DIRTY SANDS & - STILL
WASING BRN WITH
GRY & GRN SANDS.

LANSDALE

LANSDALE

4018 (-967)

LS. WH. CRK. LF. GRY. - Sing. - F35L - 002 - 00M - 2 CHALKY W) OR PFR

LS. WH. LF. GRY. - Sing. - F35L - 002 - 00M - 2 CHALKY - No. 0022

SH. - GRY, DRN & GREEN

50

LS. WH. LF. GRY. - Sing. - F35L - 002 - 00M - 2 CHALKY - No. 0022

SH. VARI-COLOR

DST #1 (4085-4110)
30" 60" 60" 90"
IF - 300 IN 5 MIN
IS - RETURN 30"
FF - 803 IN 3 MIN
FS - RETURN 4 1/2"
REC: 921' 900'

4100

LS. WH. LF. GRY. - Sing. - F35L - 002 - 00M - 2 CHALKY - No. 0022

-CFS- 120"

SH. BROWN GUMMY

LS. WH. LF. GRY. - Sing. - F35L - 002 - 00M - 2 CHALKY - No. 0022

LS. WH. LF. GRY. - Sing. - F35L - 002 - 00M - 2 CHALKY - No. 0022

-CFS- 90"

SH. AROUND VARI-COLOR

90% OIL, 10% G
60' OCWM (5%
OIL; 5% WTR -
90% MVD)
IHP: 2026 GHP: 1753
IFP: 95/270
FFP: 289/490
ISIP: 1215 F5IP: 1178
GHL: 5,000 BHT 120.
GRAVITY 30

50

SH. (A)A

LS. WH. LF. GRY. - Sing. - F35L - 002 - 00M - 2 CHALKY - No. 0022

MUNCIE CRK
4162 (-1113)

MUNCIE CREEK

SH. BLACK CRK TO AROUND VARI-COLOR

DST #2 (4156-4205)
30" 45" 45" 90"
IF: 303-9"
IS: NO RETURN
FF: 803-8"
FS: RETURN 8"
REC: 620' GIP,
439' C90, (30% G, 70%
OIL) 239' NCGO (20%
GAS - 70% OIL - 10% M)
60' MCDG (40% G -
80% OIL - 50% MVD)
IHP: 2117 FHP: 1992
IFP: 25/147
FFP: 160/247
SIP: 1320 F200: 1318
BHT: 122 - CGL 5,000
GRAVITY 30

-CFS (90")

LS. WH. CRK - Sing. - F35L - 00M - 2 CHALKY - No. 0022

SH. BLACK TO VARI-COLOR

4200

LS. WH. CRK - Sing. - F35L - 00M - 2 CHALKY - No. 0022

-CFS- 60"

LS. CRK - Sing. - F35L - 00M - 2 CHALKY - No. 0022

SH. VARI-COLOR

MUD COL SERVICE
VIS: 51, WT 9.3
WE: 6.6, CGL 5000

STARK SHALE

-CFS- 60" STARK SH

LS. CRK - Sing. - F35L - 00M - 2 CHALKY - No. 0022

DST #3 (-4208-4234)
HOLE LOST FLUID - IN
HOLE - SET PACKER -
NO FLUID IN HOLE -
PULLED TOOL THEN WENT
BACK TO BOTTOM - WITH BIT
TAKE RECONSTRUCTION

DST #4 (4208-4234)

4238 (-1189)

50

-CFS 60"

5

SH, BLK GR CARB - W) VARI - COLOR - ARGIL
 SH, ABUND VARI - COLOR - ARGIL
 SLUFF FROM HOLE PROBLEMS
 SH, A)A
 LS, GRN - FA - XLN - G - PPF - G
 INTER - XLN - P - FINE - DOM
 2% OIL - 2% SLP - 4000 -
 SLI - FLUOR - LOT OF SHALE
 VARI - COLOR
 SH, ABUND
 LS, WHI, LT GRY - SING - FA - XLN
 V - G - INTER - DOM - SLI - CHALKY
 G - SLP - STRONG - ODR - P - FLUO

30" - 45" 60" - 40"
 IF: 384
 IS: NO RETURN
 FFI: 808 IN 22"
 FS: NO RETURN
 REC: 30' F.O; 20' MUD
 (15% GMS - 70% OIL;
 15% F. MUD)
 IHP: 2058 FHP: 1965
 IFP: 15/30 FFP: 14/55
 ISIP: 1234 FSIP: 1268
 BNT: 112 CHL: 2000
 GRAVITY: 32°

LS, A)A DECREASE IN SH
 INCR IN MUD - CHALKY LS

DST # 5 (4235' - 4265')
 30" - 45" - 45" - 60"
 1A - 7"
 IS - No Blow
 FF - 8"
 FS - NO BLOW
 REC - 30' MCO (695%)
 OIL 5% MUD 120' MUD
 W) OIL SPOTS (TOP 90' MUD)
 180' OCM (2% OIL -
 20% WTR - 78% MUD)
 IHP: 2168 FHP: 1959
 IFP: 15/92 FFP: 17/157
 ISIP: 1273 FSIP: 1268
 BNT: 118 CHL: 28,000
 GRAVITY 39°

SH, DK GRY, TRC OF BLACK
 VARI - COLOR

LS, WHI - SING - FA - XLN
 F - 32 - 4500 - F - P -
 F - 400 - F - 500 (W)
 DR - P - 1 - SUI - CHALKY

LS, A)A
 SH, BLACK CARB - T.O
 NO SAND - VARI - COLOR

SH, A)A - INCREASE
 IN LS

LS, WHI - SING - GRV
 MOTT - FU - 4 - N -
 NO SLOW - A)A

DST # 6 (4274' - 4305)
 30" - 30" - 30" - 30"
 IF WK - DIED IN 8"
 IS - NO RETURN
 FF - NO BLOW
 FS - NO RETURN
 REC - 2' MUD
 IHP: 2204 FHP: 2044
 IFP: 15/18 FFP: 16/16
 ISIP: 21 FSIP: 16/19
 BNT: 119 CHL: 3000

LS, A)A (W) STRONG IN
 CHALKY - SAMPLES
 W) OIL - 2% SLP
 SH, ABUND - VARI - COLOR

LS, - GRV - MOTT -
 CRY 20 - XLN - N.S.

LS, GRN - TAN - GRV - SING
 SLP - MOTT - NO SAND
 SLI - FURI

DST # 7 (4431' - 4453)
 30" - 30" - 30" - 30"
 IF: WK - DIED IN 11"
 IS: NO RETURN
 FF: NO BLOW
 FS: NO RETURN
 REC: 3' MUD W) OIL
 SPOTS
 IHP: 2106 FHP: 2288
 IFP: 15/18 FFP: 19/22
 ISIP: 1009 FSIP: 929
 BNT: 118 CHL: 3000

SH, ABUND - VARI - COLOR

SH, A)A

LS, GRN - GRV - SING/
 MOTT - MICRO - XLN

SH, VARI - COLOR

LS, WHI, LT GRV - SING -
 SLP - 2% OIL - NO SAND

LS, A)A (W) INCR IN
 CHALKY - OIL & DOM
 IN PART -

LS - A)A

SH, BLK - DK GRV

LS, WHI, LT GRV - FA - XLN
 WASHES - CHALKY

LS, A)A - CRYPTO - XLN

BKC

BKC

4308 (-1259)

MARMATON

MARMATON

4333 (-1287)

50

4400

PAWNEE

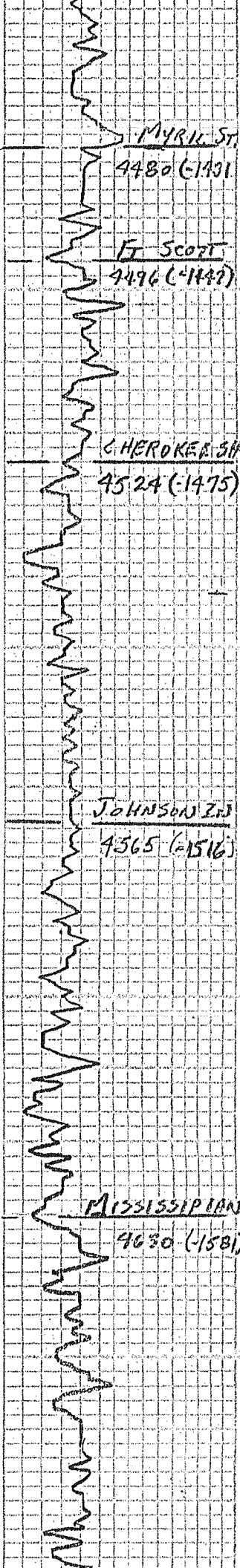
PAWNEE

4442 (-1373)

50

-CFS = 90"
-CFS = 60"

7



MYRIK STATION

FORT SCOTT

CHEROKEE SHALE

JOHNSON ZONE

MISSISSIPPIAN

LS., A/A

SH., BLACK CARB

LS., WHF-CRM-GRY-FSSC
 DDM-70-00L-V-
 CHALKY

SH., BLACK CARB-VARI-COLOR

LS., CRM-TAN-FSSC-FN-XLN-SLI-DENSE DDOR-PUR-DEAD AE&STAS-SAI-00OR, NO FLOOR

LS., CRM-SING-FSSC-00L-FN-SUB CHALKY NO SHOW

SH., BLACK-CARB-DK GRY

LS., WHF-TAN-SING-FN-XLN-CHALKY NO SHOW

SH., GRY-S-GRN-ARGIL

SH., GRY-S-ABUND-VARI-COLOR

8

LS., TAN-GRY-SING-FN-FN-XLN-SUB-CHALKY NO SHOW

LS., CRM-SING-FN-XLN-SLI-FSSC-00L-00OR-STRONG DDOR-F-FLUTE ON EDGES

LS., CRM-TAN-SING-FN-XLN-SUB-00L-00OR-STRONG DDOR-F-FLUTE

LS., A/A-WASHES CHALKY

SH., VARI-COLOR

LS., CRM-GRY-SLI-FSSC

SH., VARI-COLOR-V-DENSE MICRO-XLN-SS-GRANIC 4 YELLOW

LS., CRM-LT GRY-FN-XLN-DENSE-SLI-CHALKY

LS., A/A-WASHES CHALKY NO SHOW

SH., VARI-COLOR

LS., WHF CRM-FN-XLN TO CHALKY-NO SHOW

LS., A/A

MUD CO / SERVICE
 WT: 9.2 VIS: 52
 WL: 8.0 CHL: 3400
 LCM: 6 #

DST # 8 (4542'-4600')
 30" - 30" - 30" - 30"
 LF: Wk SURF-DIRAMITY
 LS: NO RETURN BLOW
 FE: NO BLOW
 FS: NO RETURN BLOW
 REC: 70 MUD W/ DLSPTZ
 IMP: 2282 FHP: 2177
 IFA: 30/57 FFP: 60/82
 ISIP: 1084 FSIP: 1003
 BNT: 120 CHL: 3400

MUD CO / SERVICE
 WT: 9.2 VIS: 58
 WL: 7.2 CHL: 3500
 LCM: 6 #

4500

50

4600

50

W W W W W

4700

SM, GRY 3 - AR 67

SM, BER TO GRY 3 -

LS. WHT - CHERRY TO FN
KLN - NO SHOW



DRILL STEM TEST REPORT

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

1700 N. Waterfront Pkwy
BLD 300 Suite C
Wichita KS 67206

ATTN: Pat Deenihan

Zerr #1 1

1-12s-33w Logan,KS

Start Date: 2012.10.28 @ 10:30:15

End Date: 2012.10.28 @ 19:39:45

Job Ticket #: 49857 DST #: 1

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

Printed: 2012.11.05 @ 14:32:53



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Brito Oil Company, Inc
 1700 N. Waterfront Pkwy
 BLD 300 Suite C
 Wichita KS 67206
 ATTN: Pat Deenihan

1-12s-33w Logan, KS

Zerr #1 1

Job Ticket: 49857

DST#: 1

Test Start: 2012.10.28 @ 10:30:15

GENERAL INFORMATION:

Formation: **Lansing E**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:04:45

Time Test Ended: 19:39:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 65

Interval: 4085.00 ft (KB) To 4110.00 ft (KB) (TVD)

Reference Elevations: 3048.00 ft (KB)

Total Depth: 4110.00 ft (KB) (TVD)

3038.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8365 Outside

Press @ Run Depth: 490.30 psig @ 4086.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.10.28

End Date: 2012.10.28

Last Calib.: 2012.10.28

Start Time: 10:30:15

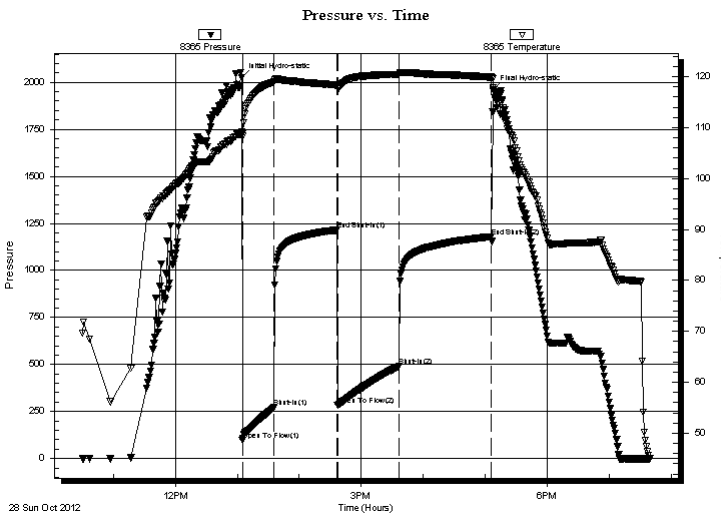
End Time: 19:39:45

Time On Btm: 2012.10.28 @ 13:04:30

Time Off Btm: 2012.10.28 @ 17:07:45

TEST COMMENT: IF:BOB in 5 min.
 IS:Return blow built to 3"
 FF:BOB in 3 min.
 FS:Return blow built to 4 1/2"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2026.70	109.09	Initial Hydro-static
1	95.83	108.31	Open To Flow (1)
31	270.75	118.99	Shut-In(1)
92	1213.97	118.35	End Shut-In(1)
93	284.74	117.90	Open To Flow (2)
152	490.30	120.44	Shut-In(2)
242	1178.82	119.92	End Shut-In(2)
244	1959.70	117.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	ocw m 5%o 5% w 90%m	0.30
921.00	gco 10%g 90%o	10.74

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Company, Inc

1-12s-33w Logan,KS

1700 N.Waterfront Pkwy
BLD 300 Suite C
Wichita KS 67206
ATTN: Pat Deenihan

Zerr #1 1

Job Ticket: 49857

DST#: 1

Test Start: 2012.10.28 @ 10:30:15

Tool Information

Drill Pipe:	Length: 3777.00 ft	Diameter: 3.80 inches	Volume: 52.98 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:	20000.00 lb
Drill Collar:	Length: 299.00 ft	Diameter: 2.25 inches	Volume: 1.47 bbl	Weight to Pull Loose:	80000.00 lb
			<u>Total Volume: 54.45 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	4085.00 ft			Final	66000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	25.00 ft				
Tool Length:	49.00 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			4062.00	
Shut In Tool	5.00			4067.00	
Hydraulic tool	5.00			4072.00	
Jars	5.00			4077.00	
Safety Joint	3.00			4080.00	
Packer	5.00			4085.00	24.00 Bottom Of Top Packer
Packer	0.00			4085.00	
Stubb	1.00			4086.00	
Recorder	0.00	6668	Inside	4086.00	
Recorder	0.00	8365	Outside	4086.00	
Perforations	19.00			4105.00	
Bullnose	5.00			4110.00	25.00 Bottom Packers & Anchor

Total Tool Length: 49.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company, Inc

1-12s-33w Logan,KS

1700 N.Waterfront Pkwy
BLD 300 Suite C
Wichita KS 67206
ATTN: Pat Deenihan

Zerr #1 1

Job Ticket: 49857

DST#: 1

Test Start: 2012.10.28 @ 10:30:15

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 57.00 sec/qt

Water Loss: 7.89 in³

Resistivity: 0.00 ohm.m

Salinity: 5000.00 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: 0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	ocw m 5%o 5% w 90%m	0.295
921.00	gco 10%g 90%o	10.742

Total Length: 981.00 ft Total Volume: 11.037 bbl

Num Fluid Samples: 0

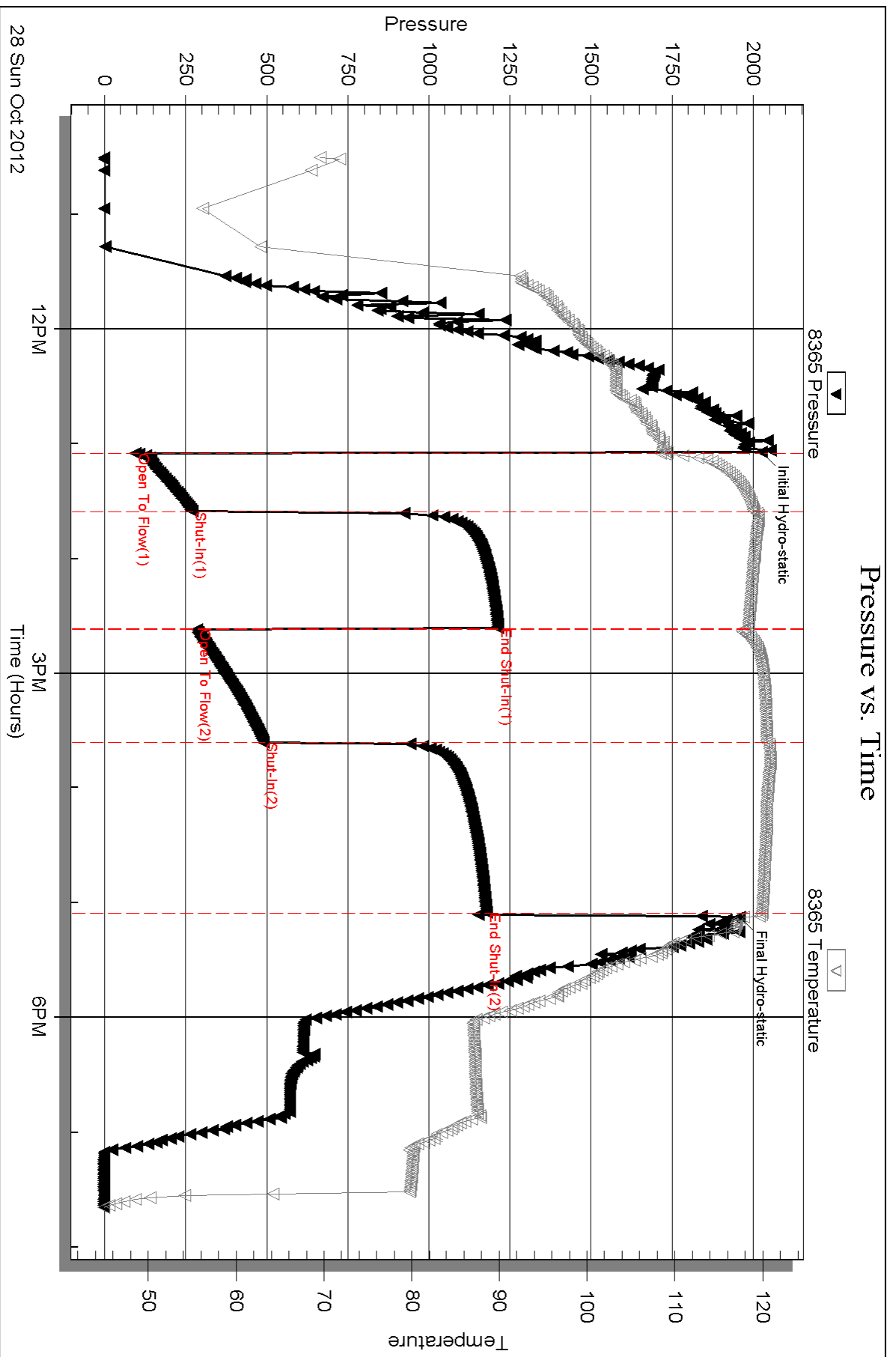
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API= 31 @ 70 corrected to 30 @ 60





DRILL STEM TEST REPORT

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

1700 N. Waterfront Pkwy
BLD 300 Suite C
Wichita KS 67206

ATTN: Pat Deenihan

Zerr #1 1

1-12s-33w Logan,KS

Start Date: 2012.10.29 @ 09:32:15

End Date: 2012.10.29 @ 17:16:00

Job Ticket #: 49858 DST #: 2

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

Printed: 2012.11.05 @ 14:32:04



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Brito Oil Company, Inc
 1700 N. Waterfront Pkwy
 BLD 300 Suite C
 Wichita KS 67206
 ATTN: Pat Deenihan

1-12s-33w Logan, KS

Zerr #1 1

Job Ticket: 49858

DST#: 2

Test Start: 2012.10.29 @ 09:32:15

GENERAL INFORMATION:

Formation: **H-I**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 11:18:15
 Tester: Mike Roberts
 Time Test Ended: 17:16:00
 Unit No: 65
 Interval: **4156.00 ft (KB) To 4205.00 ft (KB) (TVD)**
 Reference Elevations: 3048.00 ft (KB)
 Total Depth: 4205.00 ft (KB) (TVD)
 3038.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 10.00 ft

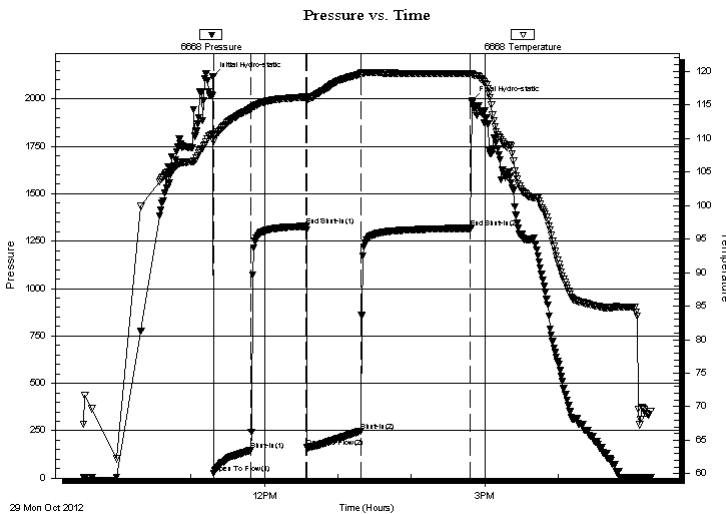
Serial #: 6668

Inside

Press @ Run Depth: 247.91 psig @ 4167.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.10.29 End Date: 2012.10.29 Last Calib.: 2012.10.29
 Start Time: 09:32:15 End Time: 17:16:00 Time On Btm: 2012.10.29 @ 11:18:00
 Time Off Btm: 2012.10.29 @ 14:49:30

TEST COMMENT: IF:BOB in 9 min.
 IS:No return blow
 FF:BOB in 8 min.
 FS:Return blow built to 8"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2117.08	110.69	Initial Hydro-static
1	25.59	109.60	Open To Flow (1)
31	147.08	114.43	Shut-In(1)
76	1328.50	116.17	End Shut-In(1)
77	160.38	115.77	Open To Flow (2)
121	247.91	119.60	Shut-In(2)
210	1318.26	119.63	End Shut-In(2)
212	1992.03	119.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	mcog 30%m 30%o 40%g	0.30
239.00	mcgo 10%m 20%g 70%o	1.18
434.00	cgo 30%g 70%o	6.09
0.00	GIP= 620 feet 100%g	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
1700 N.Waterfront Pkwy
BLD 300 Suite C
Wichita KS 67206
ATTN: Pat Deenihan

1-12s-33w Logan,KS

Zerr #1 1

Job Ticket: 49858

DST#: 2

Test Start: 2012.10.29 @ 09:32:15

GENERAL INFORMATION:

Formation: **H-I**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 11:18:15
 Tester: Mike Roberts
 Time Test Ended: 17:16:00
 Unit No: 65
Interval: 4156.00 ft (KB) To 4205.00 ft (KB) (TVD)
 Reference Elevations: 3048.00 ft (KB)
 Total Depth: 4205.00 ft (KB) (TVD)
 3038.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 10.00 ft

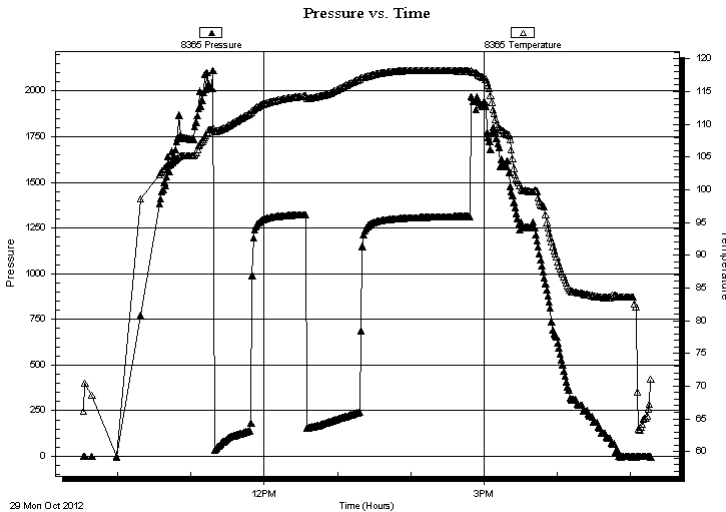
Serial #: 8365

Outside

Press @ Run Depth: psig @ 4167.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.10.29 End Date: 2012.10.29 Last Calib.: 2012.10.29
 Start Time: 09:32:15 End Time: 17:16:15 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF:BOB in 9 min.
 IS:No return blow
 FF:BOB in 8 min.
 FS:Return blow built to 8"

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	mcog 30% m 30% o 40% g	0.30
239.00	mcgo 10% m 20% g 70% o	1.18
434.00	cgo 30% g 70% o	6.09
0.00	GIP= 620 feet 100% g	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Company, Inc

1-12s-33w Logan,KS

1700 N.Waterfront Pkwy
BLD 300 Suite C
Wichita KS 67206
ATTN: Pat Deenihan

Zerr #1 1

Job Ticket: 49858

DST#: 2

Test Start: 2012.10.29 @ 09:32:15

Tool Information

Drill Pipe:	Length: 3867.00 ft	Diameter: 3.80 inches	Volume: 54.24 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:	20000.00 lb
Drill Collar:	Length: 299.00 ft	Diameter: 2.25 inches	Volume: 1.47 bbl	Weight to Pull Loose:	80000.00 lb
			<u>Total Volume: 55.71 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	4156.00 ft			Final	64000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	49.00 ft				
Tool Length:	69.00 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			4137.00	
Shut In Tool	5.00			4142.00	
Hydraulic tool	5.00			4147.00	
Packer	5.00			4152.00	20.00 Bottom Of Top Packer
Packer	4.00			4156.00	
Stubb	1.00			4157.00	
Perforations	10.00			4167.00	
Recorder	0.00	6668	Inside	4167.00	
Recorder	0.00	8365	Outside	4167.00	
Change Over Sub	1.00			4168.00	
Drill Pipe	31.00			4199.00	
Change Over Sub	1.00			4200.00	
Bullnose	5.00			4205.00	49.00 Bottom Packers & Anchor

Total Tool Length: 69.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company, Inc

1-12s-33w Logan,KS

1700 N.Waterfront Pkwy
BLD 300 Suite C
Wichita KS 67206
ATTN: Pat Deenihan

Zerr #1 1

Job Ticket: 49858

DST#: 2

Test Start: 2012.10.29 @ 09:32:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.34 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	mcog 30%m 30%o 40%g	0.295
239.00	mcgo 10%m 20%g 70%o	1.175
434.00	cgo 30%g 70%o	6.088
0.00	GIP= 620 feet 100%g	0.000

Total Length: 733.00 ft

Total Volume: 7.558 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API= 31 @70 corrected to 30@60

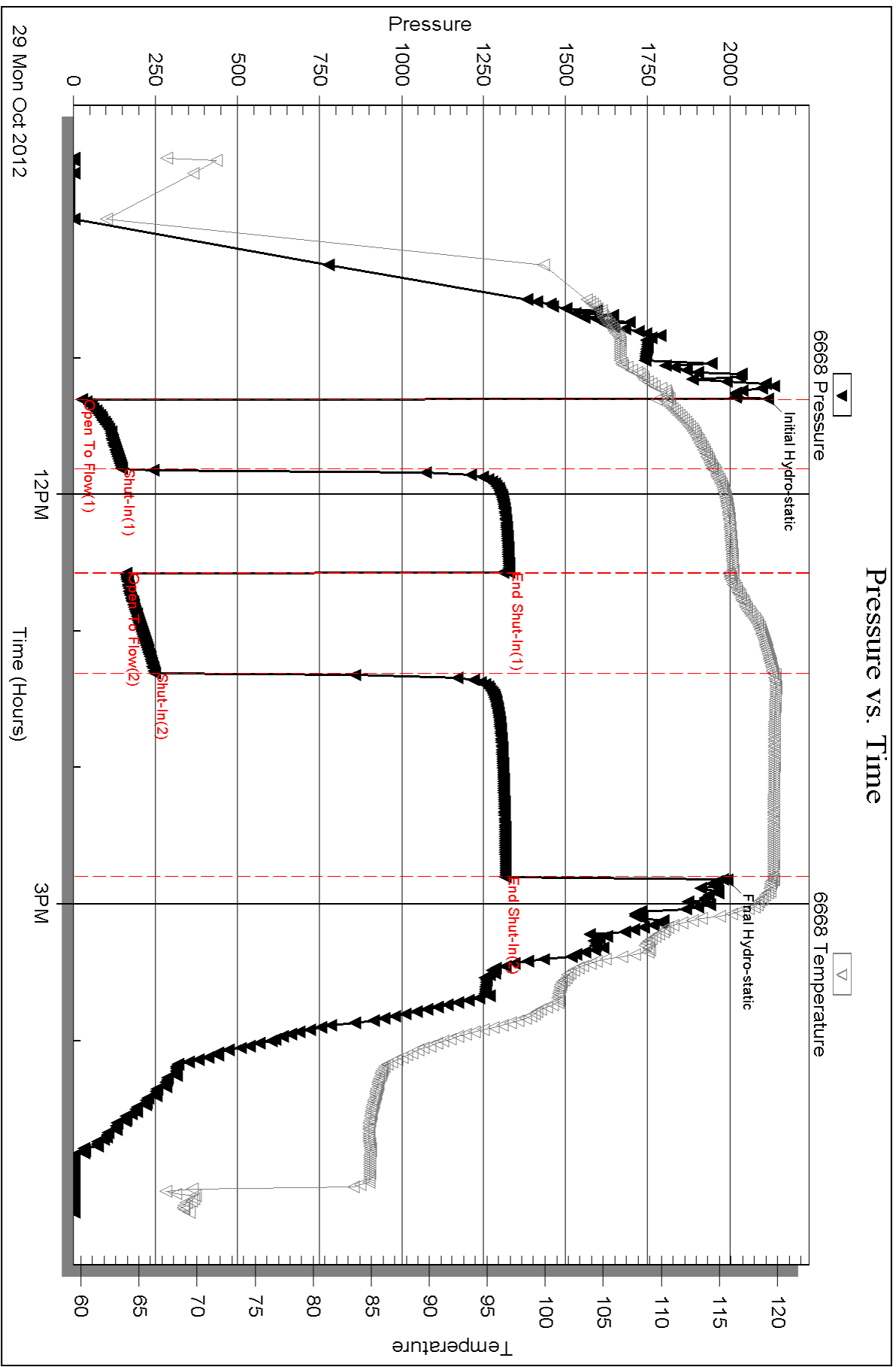
Serial #: 6668

Inside

Brilo Oil Company, Inc

Zerr #1 1

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 49858

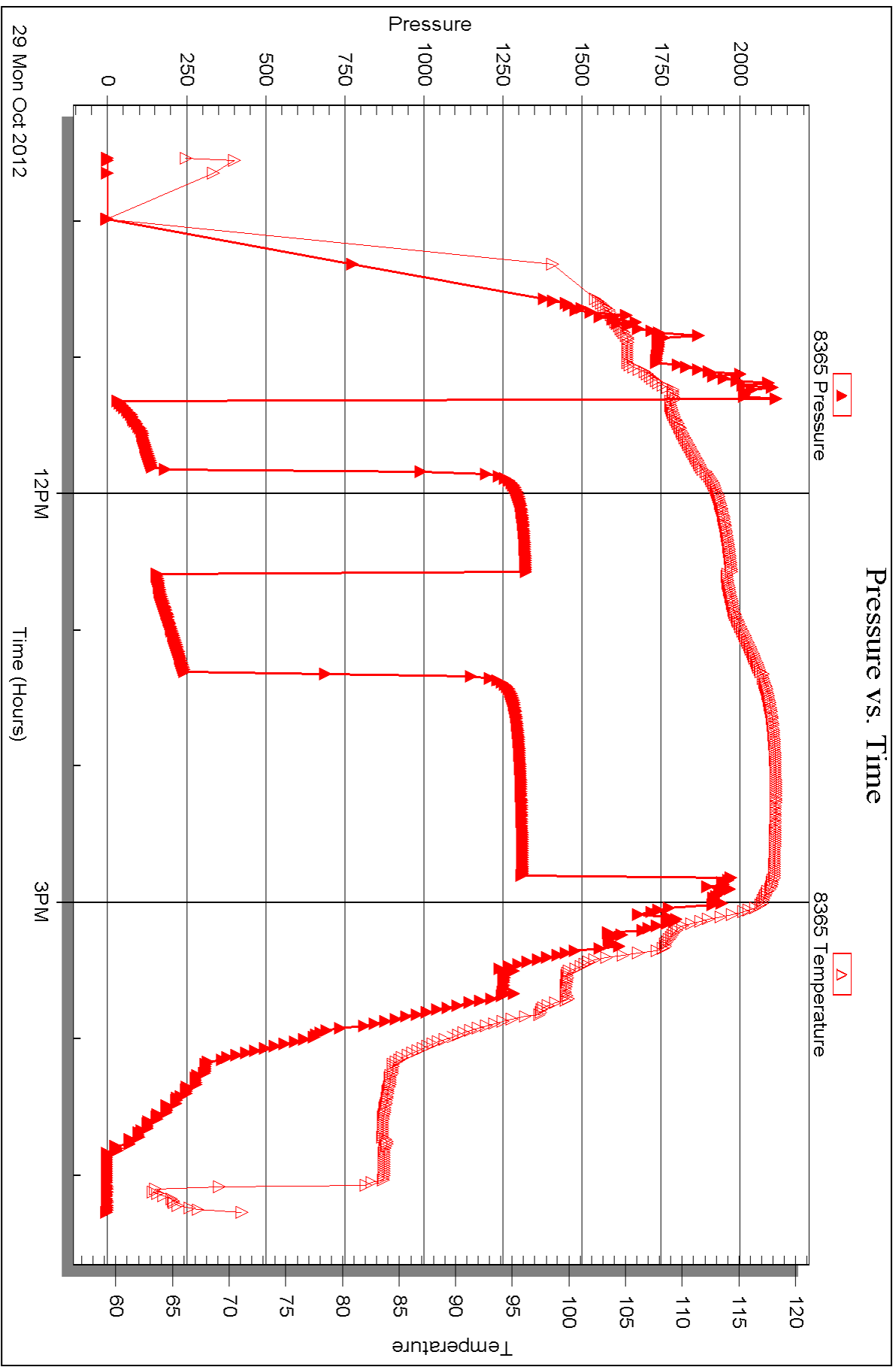
Printed: 2012.11.05 @ 14:32:09

Serial #: 8365

Outside Brito Oil Company, Inc

Zerr #1 1

DST Test Number: 2



29 Mon Oct 2012

Triobite Testing, Inc

Ref. No: 49858

Printed: 2012.11.05 @ 14:32:09



DRILL STEM TEST REPORT

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

1700 N. Waterfront Pkwy
BLD 300 Suite C
Wichita KS 67206

ATTN: Pat Deenihan

Zerr #1 1

1-12s-33w Logan,KS

Start Date: 2012.10.29 @ 01:11:15

End Date: 2012.10.29 @ 05:19:30

Job Ticket #: 49859 DST #: 3

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

Printed: 2012.11.05 @ 14:31:14



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Brito Oil Company, Inc
 1700 N. Waterfront Pkwy
 BLD 300 Suite C
 Wichita KS 67206
 ATTN: Pat Deenihan

1-12s-33w Logan, KS

Zerr #1 1

Job Ticket: 49859

DST#: 3

Test Start: 2012.10.29 @ 01:11:15

GENERAL INFORMATION:

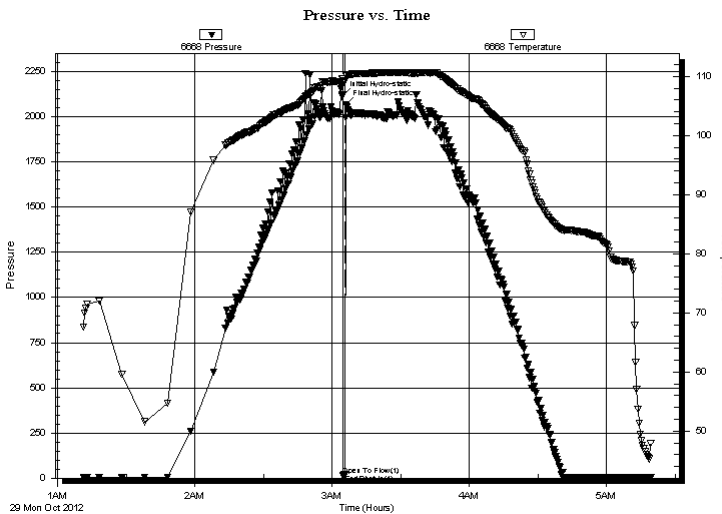
Formation: **J**
 Deviated: **No Whipstock:** ft (KB)
 Time Tool Opened: 03:04:45
 Time Test Ended: 05:19:30
Interval: 4208.00 ft (KB) To 4234.00 ft (KB) (TVD)
 Total Depth: 4208.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 65
 Reference Elevations: 3048.00 ft (KB)
 3038.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 6668

Inside

Press @ Run Depth: 18.34 psig @ 4209.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.10.29 End Date: 2012.10.29 Last Calib.: 2012.10.30
 Start Time: 01:11:15 End Time: 05:19:30 Time On Btm: 2012.10.29 @ 03:04:30
 Time Off Btm: 2012.10.29 @ 03:06:00

TEST COMMENT: IF: Lost Circulation before tool opened, opened tool for 3 min, pulled tool off btm worked on getting circulation back ,
 IS: no success getting circulation back
 FF:
 FS:



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2119.44	109.59	Initial Hydro-static
1	17.28	108.88	Open To Flow (1)
1	18.34	109.17	End Shut-In(1)
2	2064.86	110.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud	0.01

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
BLD 300 Suite C
Wichita KS 67206
ATTN: Pat Deenihan

1-12s-33w Logan, KS

Zerr #1 1

Job Ticket: 49859

DST#: 3

Test Start: 2012.10.29 @ 01:11:15

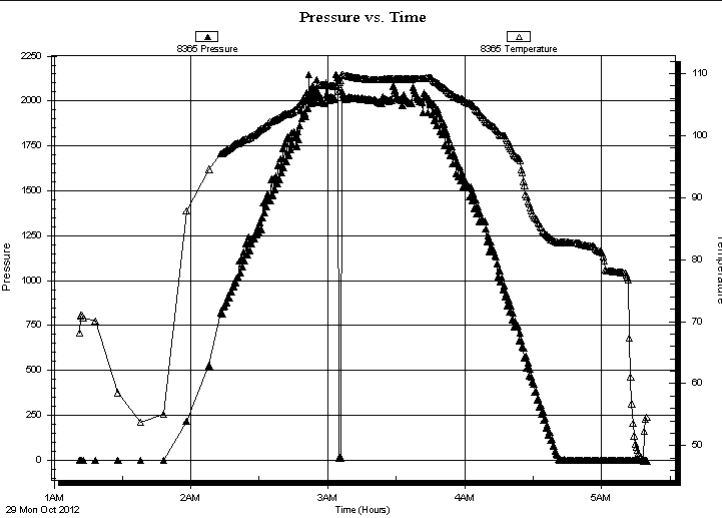
GENERAL INFORMATION:

Formation: **J**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:04:45
Time Test Ended: 05:19:30
Interval: 4208.00 ft (KB) To 4234.00 ft (KB) (TVD)
Total Depth: 4208.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 3048.00 ft (KB)
3038.00 ft (CF)
KB to GR/CF: 10.00 ft
Test Type: Conventional Bottom Hole (Reset)
Tester: Mike Roberts
Unit No: 65

Serial #: 8365 Outside

Press @ Run Depth: psig @ 4209.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.10.29 End Date: 2012.10.29 Last Calib.: 2012.10.30
Start Time: 01:11:15 End Time: 05:19:45 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: Lost Circulation before tool opened, opened tool for 3 min, pulled tool off btm w orked on getting circulation back ,
IS: no success getting circulation back
FF:
FS:



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud	0.01

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Company, Inc

1-12s-33w Logan,KS

1700 N.Waterfront Pkwy
BLD 300 Suite C
Wichita KS 67206
ATTN: Pat Deenihan

Zerr #1 1

Job Ticket: 49859

DST#: 3

Test Start: 2012.10.29 @ 01:11:15

Tool Information

Drill Pipe:	Length: 3903.00 ft	Diameter: 3.80 inches	Volume: 54.75 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:	20000.00 lb
Drill Collar:	Length: 299.00 ft	Diameter: 2.25 inches	Volume: 1.47 bbl	Weight to Pull Loose:	80000.00 lb
			<u>Total Volume: 56.22 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	4208.00 ft			Final	62000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	26.00 ft				
Tool Length:	42.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments: Lost Circulation before tool opened,

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

Change Over Sub	1.00			4193.00	
Shut In Tool	5.00			4198.00	
Hydraulic tool	5.00			4203.00	
Packer	5.00			4208.00	16.00 Bottom Of Top Packer
Packer	0.00			4208.00	
Stubb	1.00			4209.00	
Recorder	0.00	6668	Inside	4209.00	
Recorder	0.00	8365	Outside	4209.00	
Perforations	20.00			4229.00	
Bullnose	5.00			4234.00	26.00 Bottom Packers & Anchor
Total Tool Length:	42.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company, Inc

1-12s-33w Logan,KS

1700 N.Waterfront Pkwy
BLD 300 Suite C
Wichita KS 67206
ATTN: Pat Deenihan

Zerr #1 1

Job Ticket: 49859

DST#: 3

Test Start: 2012.10.29 @ 01:11:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.35 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

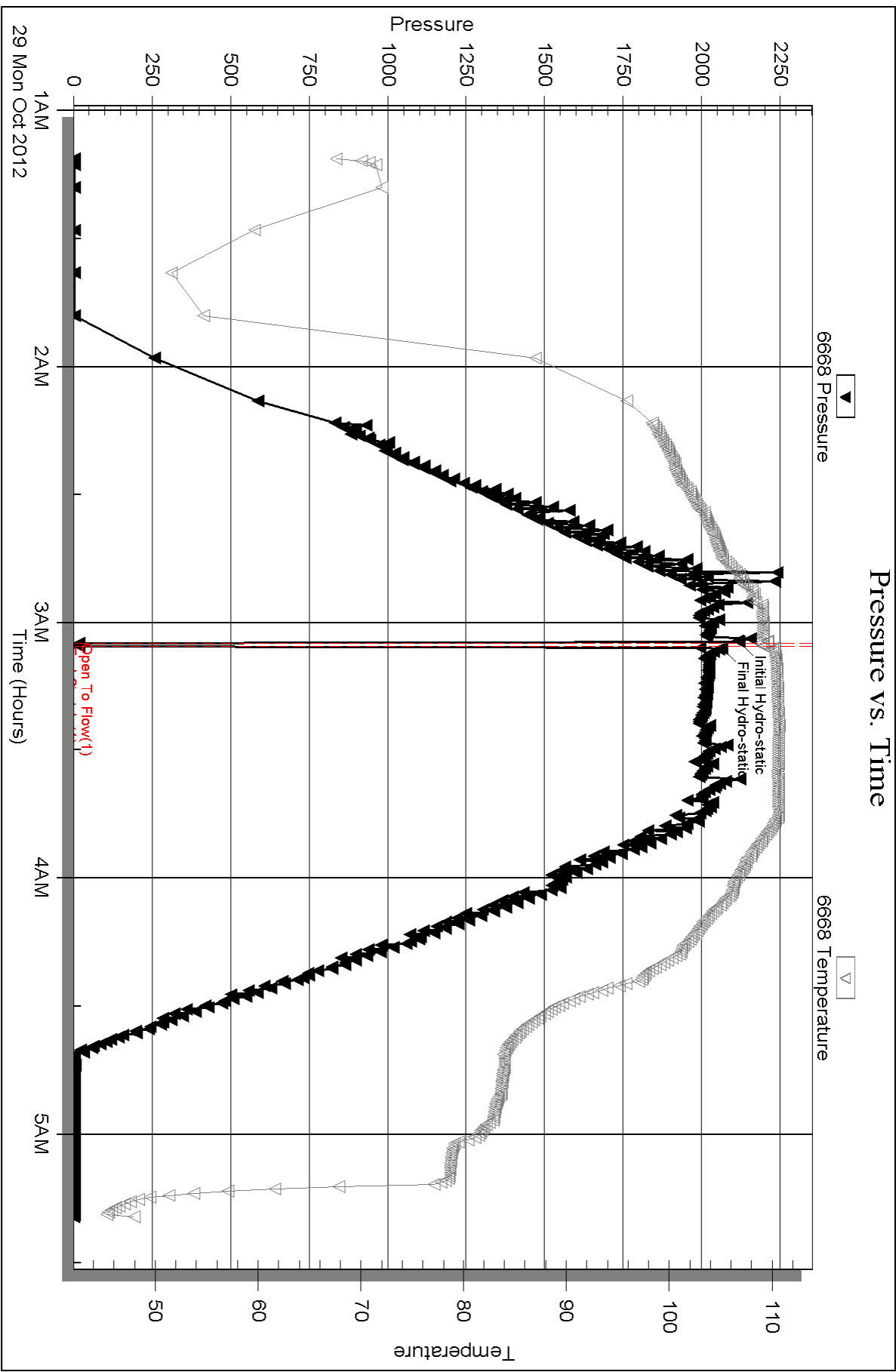
Serial #: 6668

Inside

Brilo Oil Company, Inc

Zerr #1 1

DST Test Number: 3

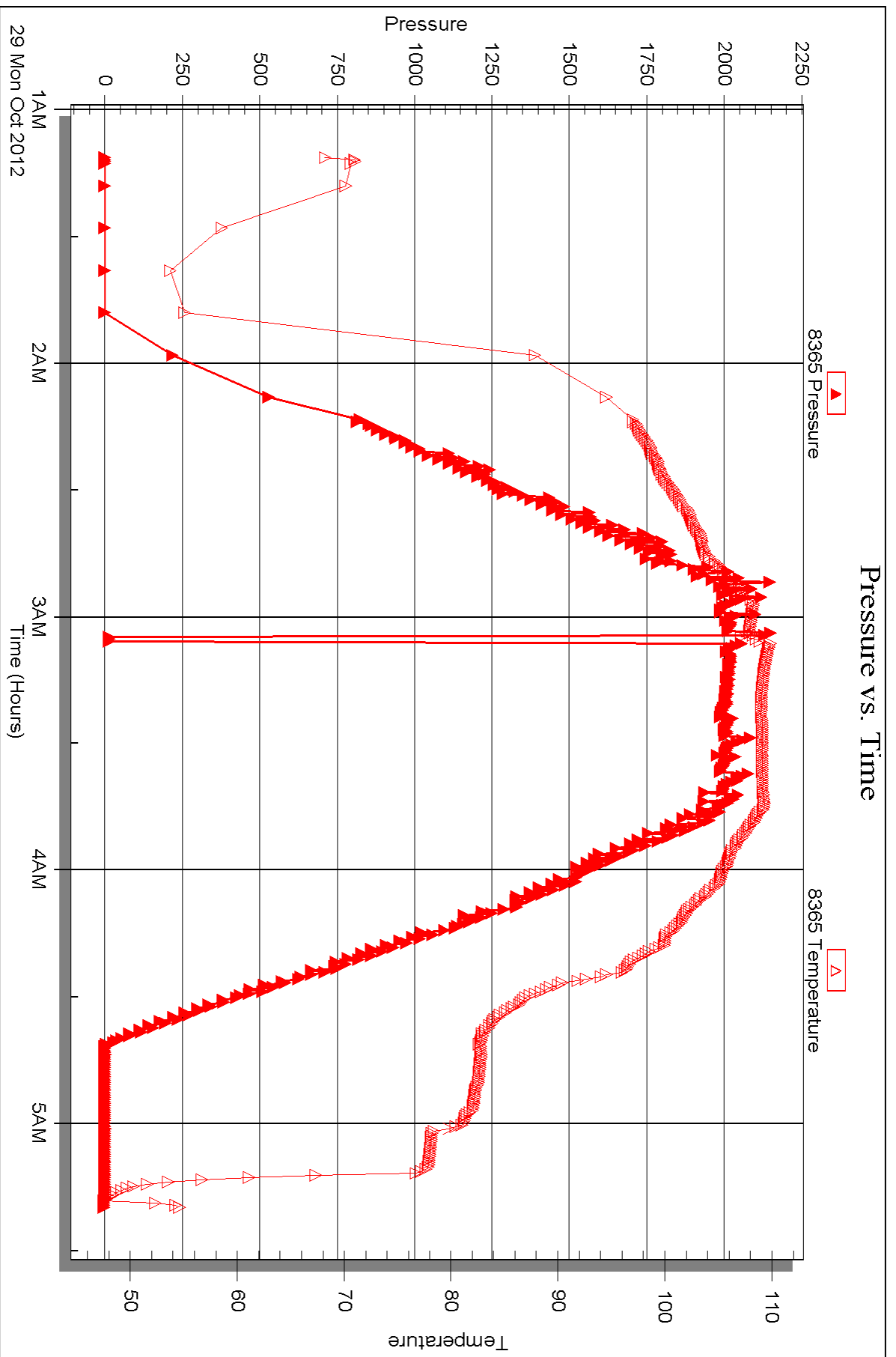


Serial #: 8365

Outside Brito Oil Company, Inc

Zerr #1 1

DST Test Number: 3





DRILL STEM TEST REPORT

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

1700 N. Waterfront Pkwy
BLD 300 Suite C
Wichita KS 67206

ATTN: Pat Deenihan

Zerr #1 1

1-12s-33w Logan,KS

Start Date: 2012.10.30 @ 12:05:15

End Date: 2012.10.30 @ 19:08:15

Job Ticket #: 49860 DST #: 4

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

Printed: 2012.11.05 @ 14:27:14

Brito Oil Company, Inc
1-12s-33w Logan,KS
Zerr #1 1
DST # 4
"J"
2012.10.30



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Brito Oil Company, Inc
 1700 N. Waterfront Pkwy
 BLD 300 Suite C
 Wichita KS 67206
 ATTN: Pat Deenihan

1-12s-33w Logan, KS

Zerr #1 1

Job Ticket: 49860

DST#: 4

Test Start: 2012.10.30 @ 12:05:15

GENERAL INFORMATION:

Formation: **"J"**
 Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole (Reset)**
 Time Tool Opened: **13:46:00** Tester: **Mike Roberts**
 Time Test Ended: **19:08:15** Unit No: **65**
Interval: 4208.00 ft (KB) To 4234.00 ft (KB) (TVD) Reference Elevations: **3048.00 ft (KB)**
 Total Depth: **4234.00 ft (KB) (TVD)** **3038.00 ft (CF)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair** KB to GR/CF: **10.00 ft**

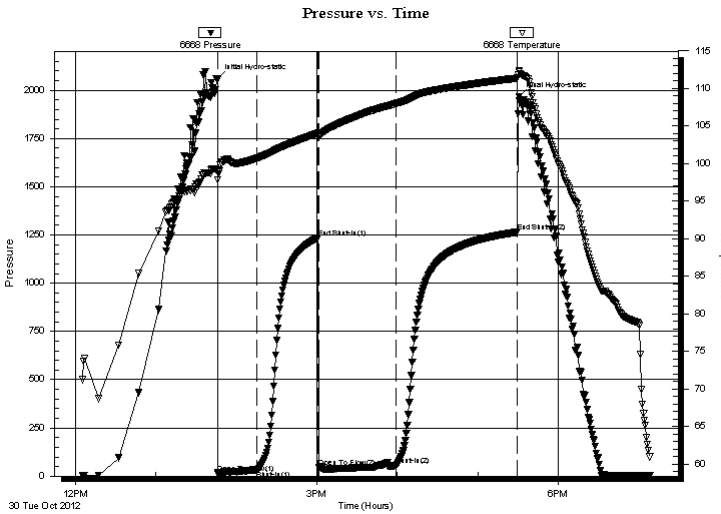
Serial #: 6668

Inside

Press @ Run Depth: **54.43 psig @ 4209.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2012.10.30** End Date: **2012.10.30** Last Calib.: **2012.10.30**
 Start Time: **12:05:15** End Time: **19:08:15** Time On Btm: **2012.10.30 @ 13:45:45**
 Time Off Btm: **2012.10.30 @ 17:31:00**

TEST COMMENT: IF: Built to 3/4"
 IS: No return blow
 FF: BOB in 22 min.
 FS: No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2058.22	99.10	Initial Hydro-static
1	15.02	97.83	Open To Flow (1)
30	30.21	100.74	Shut-In(1)
75	1234.87	104.07	End Shut-In(1)
76	44.31	103.60	Open To Flow (2)
134	54.43	108.01	Shut-In(2)
224	1264.35	111.39	End Shut-In(2)
226	1965.49	112.30	Final Hydro-static

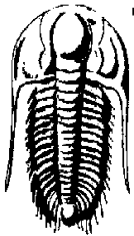
Recovery

Length (ft)	Description	Volume (bbl)
30.00	free oil 100% o	0.15
120.00	mcco 15% m 15% g 70% o	0.59

* 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
 1700 N. Waterfront Pkwy
 BLD 300 Suite C
 Wichita KS 67206
 ATTN: Pat Deenihan

1-12s-33w Logan, KS

Zerr #1 1

Job Ticket: 49860

DST#: 4

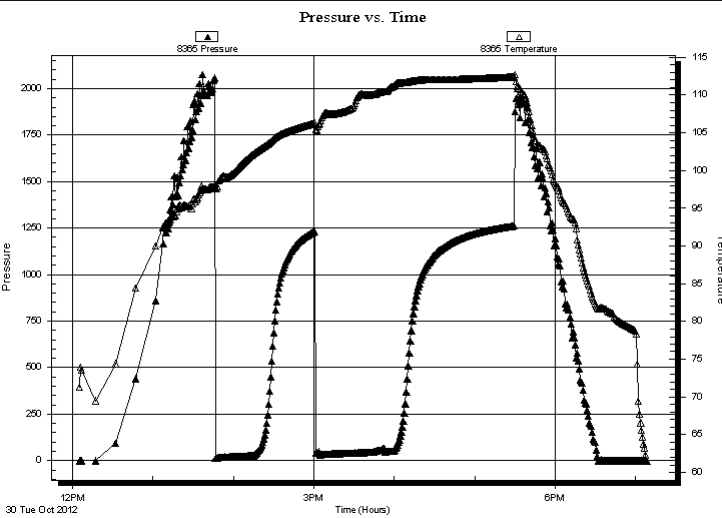
Test Start: 2012.10.30 @ 12:05:15

GENERAL INFORMATION:

Formation:	"J"		
Deviated:	No Whipstock:	ft (KB)	Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened:	13:46:00		Tester: Mike Roberts
Time Test Ended:	19:08:15		Unit No: 65
Interval:	4208.00 ft (KB) To 4234.00 ft (KB) (TVD)		Reference Elevations: 3048.00 ft (KB)
Total Depth:	4234.00 ft (KB) (TVD)		3038.00 ft (CF)
Hole Diameter:	7.88 inches	Hole Condition: Fair	KB to GR/CF: 10.00 ft

Serial #: 8365	Outside				
Press @ RunDepth:	psig @	4209.00 ft (KB)	Capacity:	8000.00 psig	
Start Date:	2012.10.30	End Date:	2012.10.30	Last Calib.:	2012.10.30
Start Time:	12:05:15	End Time:	19:08:30	Time On Btm:	
				Time Off Btm:	

TEST COMMENT: IF: Built to 3/4"
 IS: No return blow
 FF: BOB in 22 min.
 FS: No return blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
30.00	free oil 100% o	0.15
120.00	mcgo 15%m 15%g 70%o	0.59

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

1-12s-33w Logan,KS

1700 N.Waterfront Pkwy
BLD 300 Suite C
Wichita KS 67206
ATTN: Pat Deenihan

Zerr #1 1

Job Ticket: 49860

DST#: 4

Test Start: 2012.10.30 @ 12:05:15

Tool Information

Drill Pipe:	Length: 3903.00 ft	Diameter: 3.80 inches	Volume: 54.75 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:	20000.00 lb
Drill Collar:	Length: 299.00 ft	Diameter: 2.25 inches	Volume: 1.47 bbl	Weight to Pull Loose:	80000.00 lb
			<u>Total Volume: 56.22 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	4208.00 ft			Final	62000.00 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
------------------	-------------	------------	----------	------------	----------------

Change Over Sub	1.00			4189.00	
Shut In Tool	5.00			4194.00	
Hydraulic tool	5.00			4199.00	
Packer	5.00			4204.00	20.00 Bottom Of Top Packer
Packer	4.00			4208.00	
Stubb	1.00			4209.00	
Recorder	0.00	6668	Inside	4209.00	
Recorder	0.00	8365	Outside	4209.00	
Perforations	20.00			4229.00	
Bullnose	5.00			4234.00	26.00 Bottom Packers & Anchor
Total Tool Length:	46.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company, Inc

1-12s-33w Logan,KS

1700 N.Waterfront Pkwy
BLD 300 Suite C
Wichita KS 67206
ATTN: Pat Deenihan

Zerr #1 1

Job Ticket: 49860

DST#: 4

Test Start: 2012.10.30 @ 12:05:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

32 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.87 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
30.00	free oil 100% o	0.148
120.00	mcgo 15%m 15%g 70%o	0.590

Total Length: 150.00 ft Total Volume: 0.738 bbl

Num Fluid Samples: 0

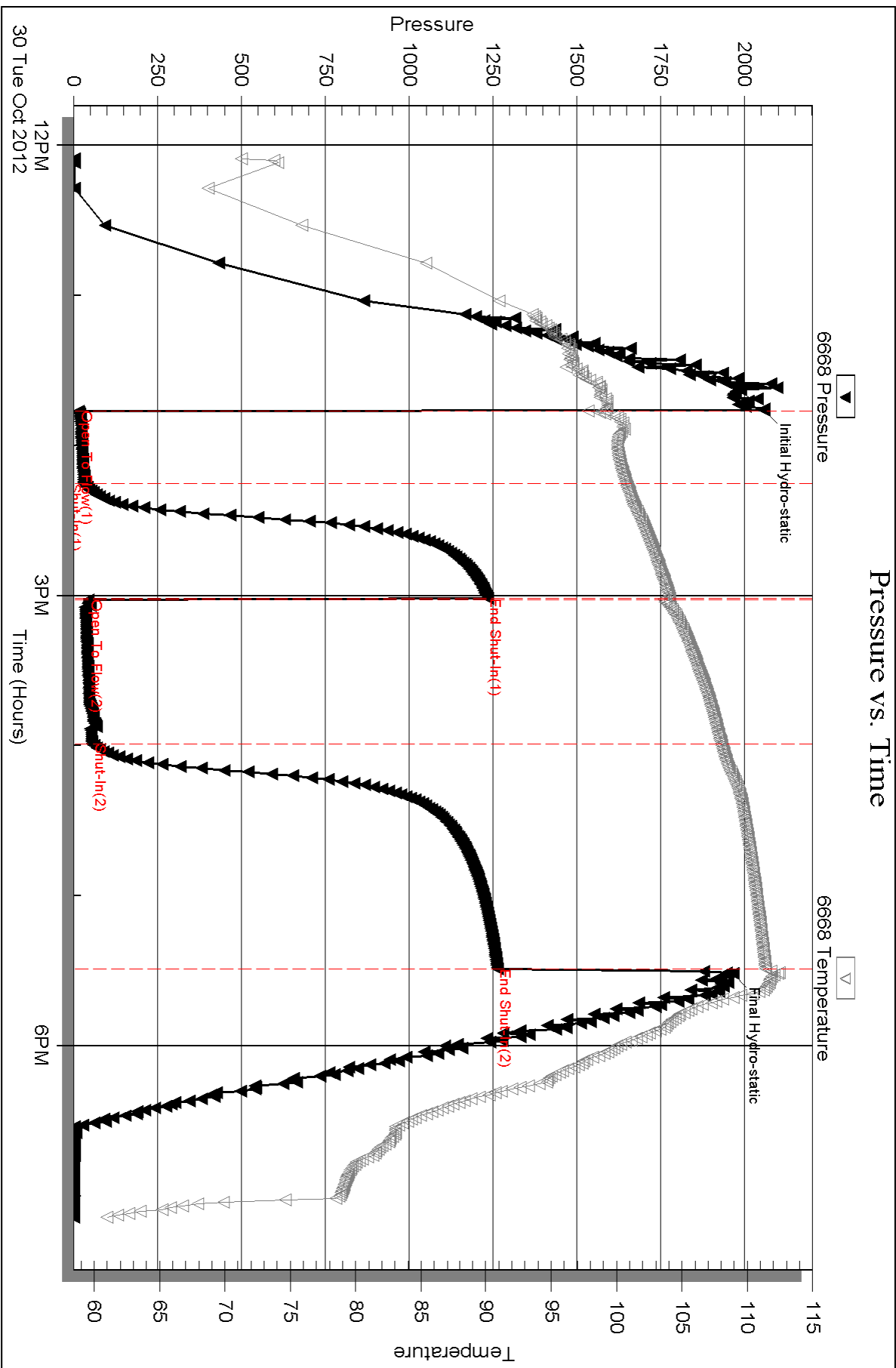
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API= 33 @70 corrected to 32 @ 60

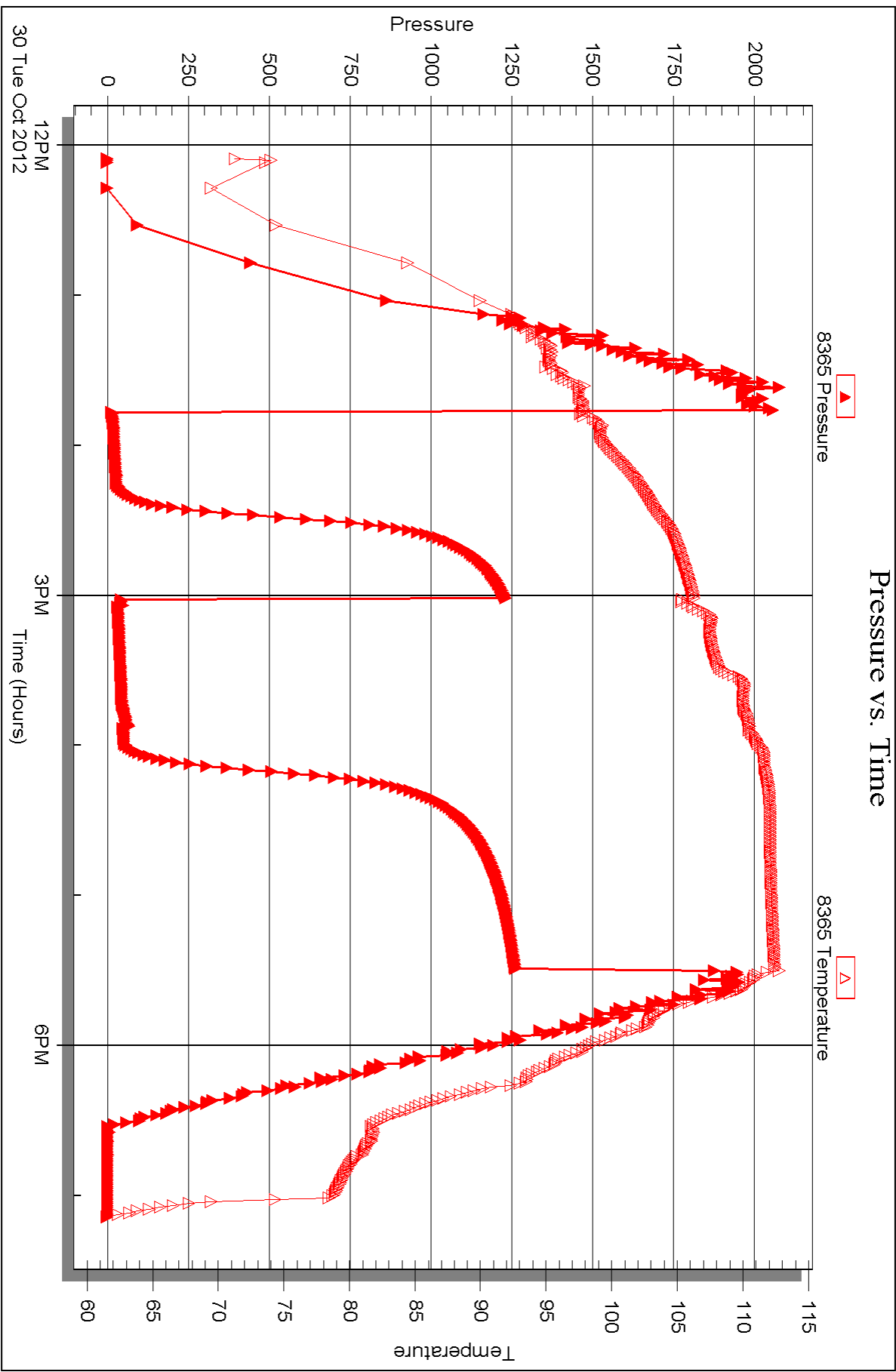


Serial #: 8365

Outside Brito Oil Company, Inc

Zerr #1 1

DST Test Number: 4





DRILL STEM TEST REPORT

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

1700 N. Waterfront Pkwy
BLD 300 Suite C
Wichita KS 67206

ATTN: Pat Deenihan

Zerr #1 1

1-12s-33w Logan,KS

Start Date: 2012.10.31 @ 03:42:15

End Date: 2012.10.31 @ 10:34:45

Job Ticket #: 49861 DST #: 5

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

Printed: 2012.11.05 @ 14:26:26



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Brito Oil Company, Inc
 1700 N. Waterfront Pkwy
 BLD 300 Suite C
 Wichita KS 67206
 ATTN: Pat Deenihan

1-12s-33w Logan, KS

Zerr #1 1

Job Ticket: 49861

DST#: 5

Test Start: 2012.10.31 @ 03:42:15

GENERAL INFORMATION:

Formation: **K**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:29:30
 Time Test Ended: 10:34:45
 Interval: **4235.00 ft (KB) To 4265.00 ft (KB) (TVD)**
 Total Depth: 4265.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 65
 Reference Elevations: 3048.00 ft (KB)
 3038.00 ft (CF)
 KB to GR/CF: 10.00 ft

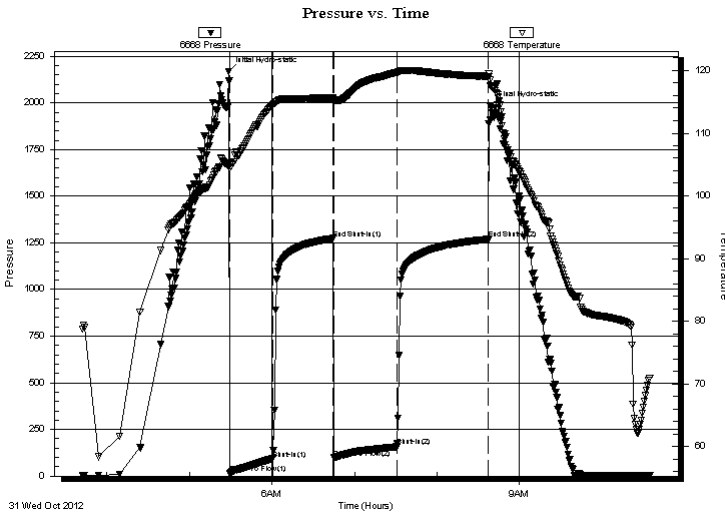
Serial #: 6668

Inside

Press @ Run Depth: 157.24 psig @ 4236.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.10.31 End Date: 2012.10.31 Last Calib.: 2012.10.31
 Start Time: 03:42:15 End Time: 10:34:45 Time On Btm: 2012.10.31 @ 05:28:30
 Time Off Btm: 2012.10.31 @ 08:39:00

TEST COMMENT: IS: Built to 7" blow
 IS: No return blow
 FF: Built to 8" blow
 FS: No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2169.18	104.94	Initial Hydro-static
1	15.75	104.44	Open To Flow (1)
32	92.55	114.43	Shut-In(1)
76	1273.99	115.61	End Shut-In(1)
77	97.77	115.25	Open To Flow (2)
123	157.24	119.70	Shut-In(2)
189	1268.88	119.07	End Shut-In(2)
191	1985.28	117.56	Final Hydro-static

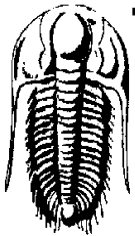
Recovery

Length (ft)	Description	Volume (bbl)
180.00	ocw m 2%o 20%w 78%m	0.89
120.00	mud w ith oil spots 100% m	0.60
30.00	mco 5%m 95%o	0.42

* 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
1700 N. Waterfront Pkwy
BLD 300 Suite C
Wichita KS 67206
ATTN: Pat Deenihan

1-12s-33w Logan, KS

Zerr #1 1

Job Ticket: 49861

DST#: 5

Test Start: 2012.10.31 @ 03:42:15

GENERAL INFORMATION:

Formation:	K			Test Type:	Conventional Bottom Hole (Reset)
Deviated:	No	Whipstock:	ft (KB)	Tester:	Mike Roberts
Time Tool Opened:	05:29:30				
Time Test Ended:	10:34:45				
Unit No:	65				
Interval:	4235.00 ft (KB) To	4265.00 ft (KB) (TVD)		Reference Elevations:	3048.00 ft (KB)
Total Depth:	4265.00 ft (KB) (TVD)				3038.00 ft (CF)
Hole Diameter:	7.88 inches	Hole Condition:	Fair	KB to GR/CF:	10.00 ft

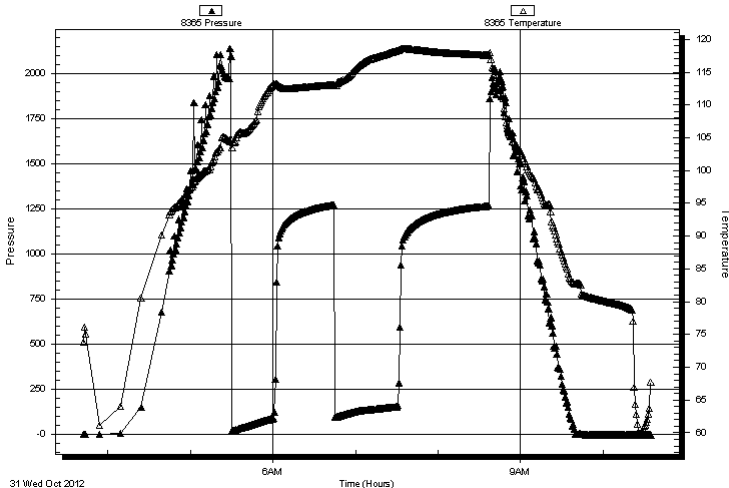
Serial #: 8365

Outside

Press @ Run Depth:	psig @	4236.00 ft (KB)	Capacity:	8000.00 psig	
Start Date:	2012.10.31	End Date:	2012.10.31	Last Calib.:	2012.10.31
Start Time:	03:42:15	End Time:	10:34:45	Time On Btm:	
				Time Off Btm:	

TEST COMMENT: IS: Built to 7" blow
 IS: No return blow
 FF: Built to 8" blow
 FS: No return blow

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
180.00	ocw m 2%o 20%w 78% m	0.89
120.00	mud w ith oil spots 100% m	0.60
30.00	mco 5% m 95% o	0.42

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

1-12s-33w Logan,KS

1700 N.Waterfront Pkwy
BLD 300 Suite C
Wichita KS 67206
ATTN: Pat Deenihan

Zerr #1 1

Job Ticket: 49861

DST#: 5

Test Start: 2012.10.31 @ 03:42:15

Tool Information

Drill Pipe:	Length: 3931.00 ft	Diameter: 3.80 inches	Volume: 55.14 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: 20000.00 lb
Drill Collar:	Length: 299.00 ft	Diameter: 2.25 inches	Volume: 1.47 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 56.61 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4235.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	50.00 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			4216.00	
Shut In Tool	5.00			4221.00	
Hydraulic tool	5.00			4226.00	
Packer	5.00			4231.00	20.00 Bottom Of Top Packer
Packer	4.00			4235.00	
Stubb	1.00			4236.00	
Recorder	0.00	6668	Inside	4236.00	
Recorder	0.00	8365	Outside	4236.00	
Perforations	24.00			4260.00	
Bullnose	5.00			4265.00	30.00 Bottom Packers & Anchor
Total Tool Length:	50.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company, Inc

1-12s-33w Logan,KS

1700 N.Waterfront Pkwy
BLD 300 Suite C
Wichita KS 67206
ATTN: Pat Deenihan

Zerr #1 1

Job Ticket: 49861

DST#: 5

Test Start: 2012.10.31 @ 03:42:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

28000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.15 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	ocw m 2%o 20%w 78%m	0.885
120.00	mud with oil spots 100% m	0.599
30.00	mco 5%m 95%o	0.421

Total Length: 330.00 ft Total Volume: 1.905 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

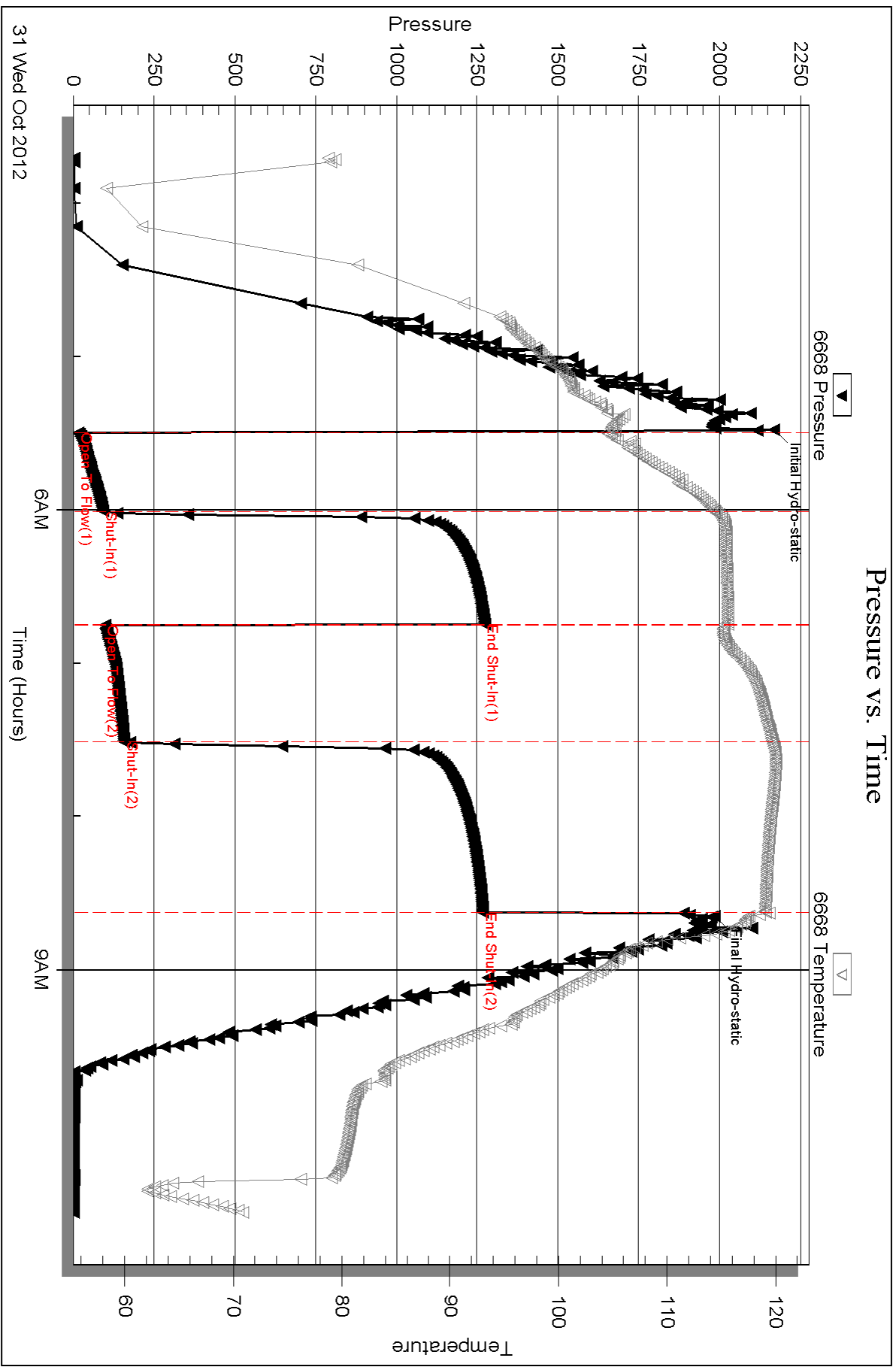
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API= 34 @60

RW= .215@65*=28,000 ppm

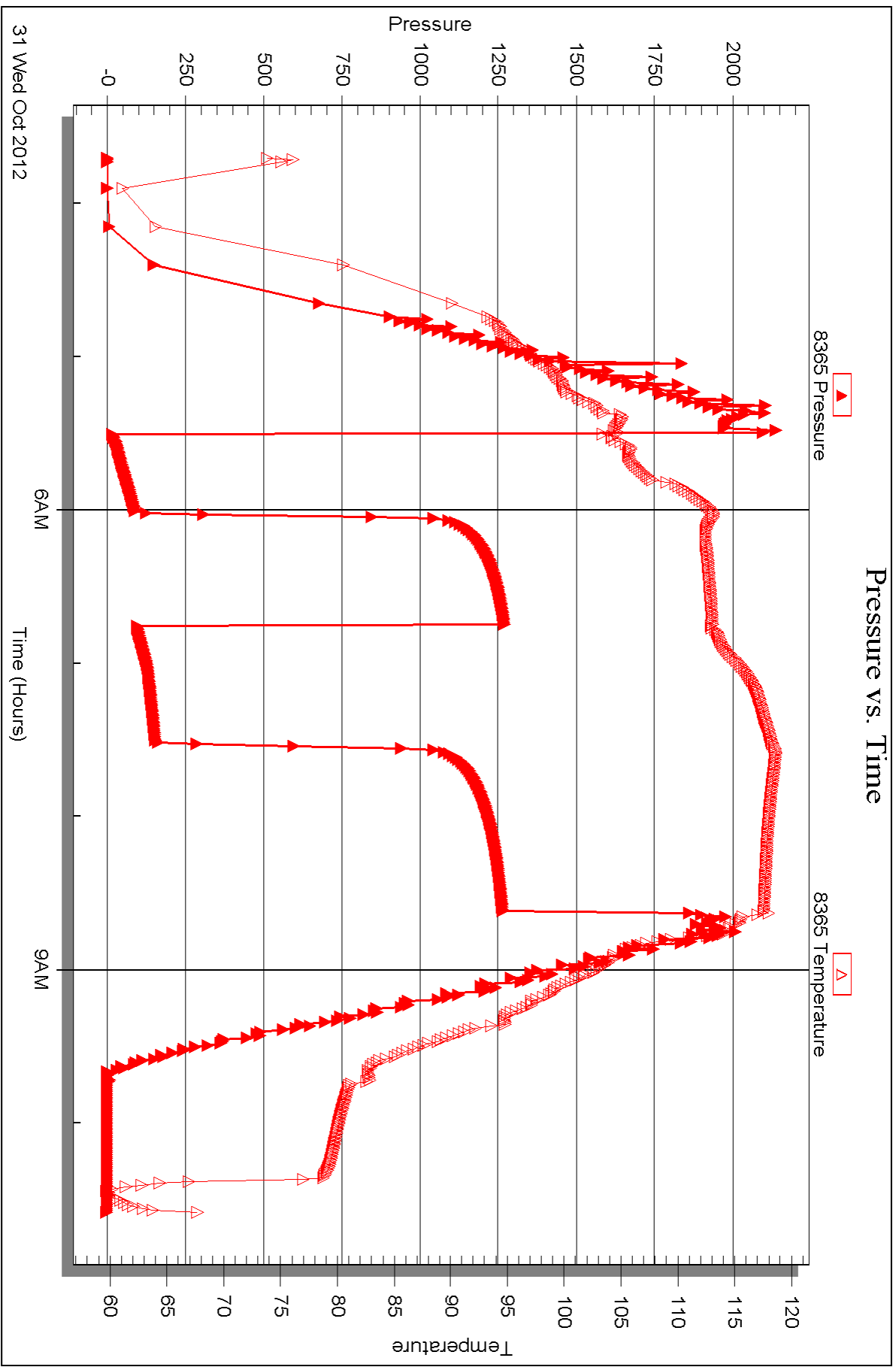


Serial #: 8365

Outside Brito Oil Company, Inc

Zerr #1 1

DST Test Number: 5



31 Wed Oct 2012



DRILL STEM TEST REPORT

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

1700 N. Waterfront Pkwy
BLD 300 Suite C
Wichita KS 67206

ATTN: Pat Deenihan

Zerr #1 1

1-12s-33w Logan,KS

Start Date: 2012.10.31 @ 18:30:15

End Date: 2012.11.01 @ 00:27:00

Job Ticket #: 49862 DST #: 6

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

Printed: 2012.11.05 @ 14:25:31



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Brito Oil Company, Inc
 1700 N. Waterfront Pkwy
 BLD 300 Suite C
 Wichita KS 67206
 ATTN: Pat Deenihan

1-12s-33w Logan, KS

Zerr #1 1

Job Ticket: 49862

DST#: 6

Test Start: 2012.10.31 @ 18:30:15

GENERAL INFORMATION:

Formation: **L**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 20:38:30
 Time Test Ended: 00:27:00
Interval: 4274.00 ft (KB) To 4308.00 ft (KB) (TVD)
 Total Depth: 4308.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 65
 Reference Elevations: 3048.00 ft (KB)
 3038.00 ft (CF)
 KB to GR/CF: 10.00 ft

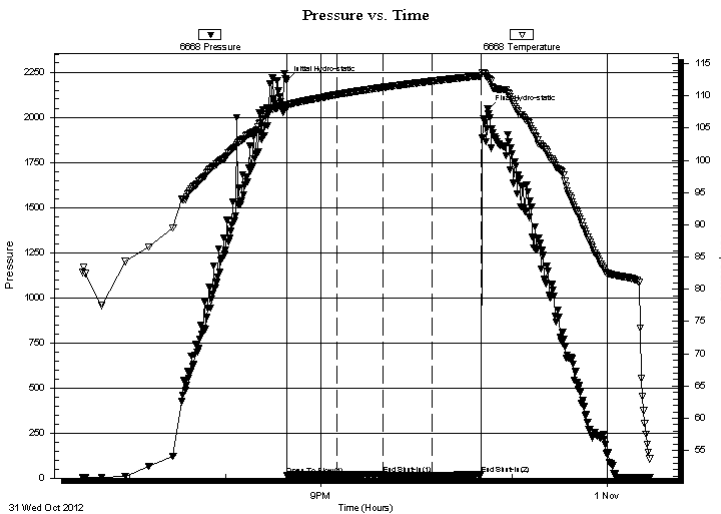
Serial #: 6668

Inside

Press @ Run Depth: 16.55 psig @ 4275.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.10.31 End Date: 2012.11.01 Last Calib.: 2012.11.01
 Start Time: 18:30:15 End Time: 00:27:00 Time On Btm: 2012.10.31 @ 20:38:15
 Time Off Btm: 2012.10.31 @ 22:44:45

TEST COMMENT: IF: Built to weak surface blow and died in 8 min.
 IS: No return blow
 FF: No blow
 FS: No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2204.39	108.69	Initial Hydro-static
1	15.90	108.08	Open To Flow (1)
32	18.09	110.22	Shut-In(1)
61	21.93	111.31	End Shut-In(1)
61	16.01	111.33	Open To Flow (2)
92	16.55	112.28	Shut-In(2)
123	19.42	113.13	End Shut-In(2)
127	2044.44	112.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud 100% m	0.01

* 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
1700 N. Waterfront Pkwy
BLD 300 Suite C
Wichita KS 67206
ATTN: Pat Deenihan

1-12s-33w Logan, KS

Zerr #1 1

Job Ticket: 49862

DST#: 6

Test Start: 2012.10.31 @ 18:30:15

GENERAL INFORMATION:

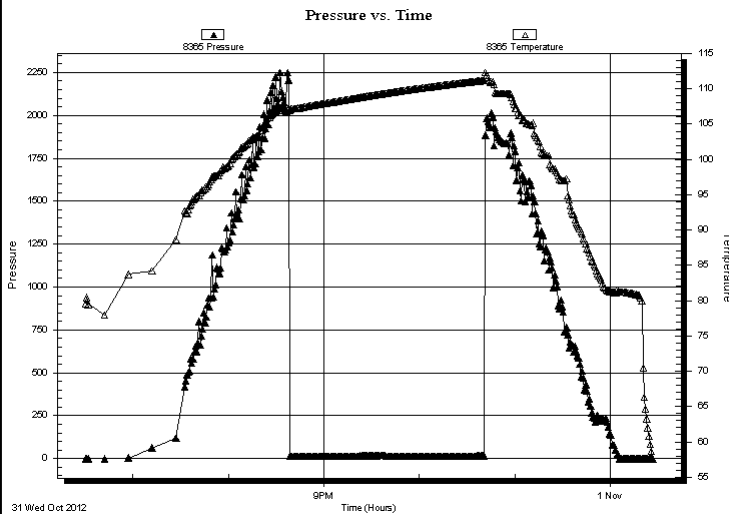
Formation: **L**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 20:38:30 Tester: Mike Roberts
 Time Test Ended: 00:27:00 Unit No: 65
Interval: 4274.00 ft (KB) To 4308.00 ft (KB) (TVD) Reference Elevations: 3048.00 ft (KB)
 Total Depth: 4308.00 ft (KB) (TVD) 3038.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 10.00 ft

Serial #: 8365

Outside

Press @ Run Depth: psig @ 4275.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.10.31 End Date: 2012.11.01 Last Calib.: 2012.11.01
 Start Time: 18:30:15 End Time: 00:26:45 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Built to weak surface blow and died in 8 min.
 IS: No return blow
 FF: No blow
 FS: No return blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud 100% m	0.01

* 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

1-12s-33w Logan,KS

1700 N.Waterfront Pkwy
BLD 300 Suite C
Wichita KS 67206
ATTN: Pat Deenihan

Zerr #1 1

Job Ticket: 49862

DST#: 6

Test Start: 2012.10.31 @ 18:30:15

Tool Information

Drill Pipe:	Length: 3960.00 ft	Diameter: 3.80 inches	Volume: 55.55 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:	20000.00 lb
Drill Collar:	Length: 299.00 ft	Diameter: 2.25 inches	Volume: 1.47 bbl	Weight to Pull Loose:	80000.00 lb
			<u>Total Volume: 57.02 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	65000.00 lb
Depth to Top Packer:	4274.00 ft			Final	65000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	34.00 ft				
Tool Length:	54.00 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			4255.00	
Shut In Tool	5.00			4260.00	
Hydraulic tool	5.00			4265.00	
Packer	5.00			4270.00	20.00 Bottom Of Top Packer
Packer	4.00			4274.00	
Stubb	1.00			4275.00	
Recorder	0.00	6668	Inside	4275.00	
Recorder	0.00	8365	Outside	4275.00	
Perforations	28.00			4303.00	
Bullnose	5.00			4308.00	34.00 Bottom Packers & Anchor
Total Tool Length:	54.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company, Inc

1-12s-33w Logan,KS

1700 N.Waterfront Pkw y
BLD 300 Suite C
Wichita KS 67206
ATTN: Pat Deenihan

Zerr #1 1

Job Ticket: 49862

DST#: 6

Test Start: 2012.10.31 @ 18:30:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.57 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud 100%m	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

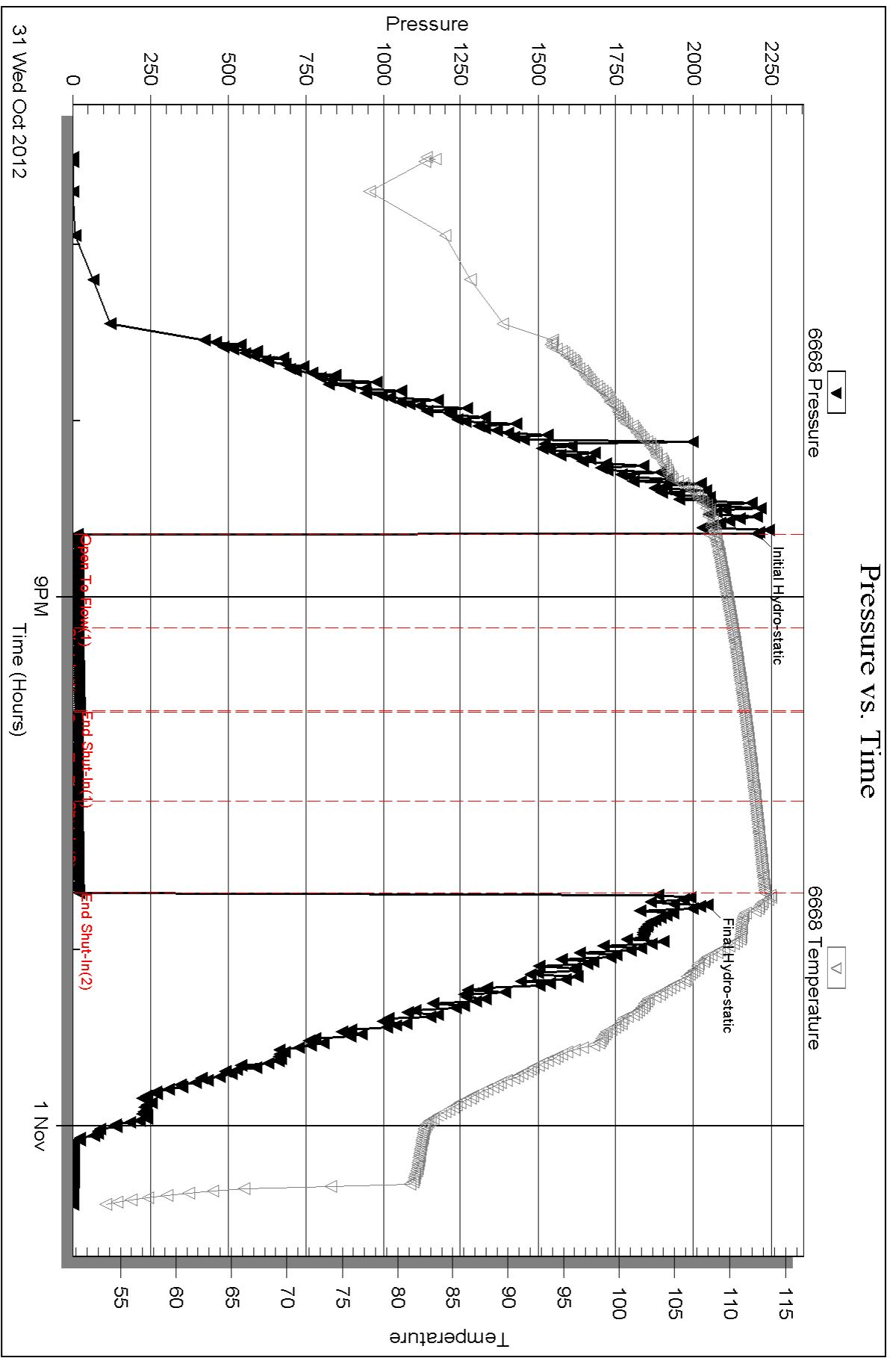
Serial #: 6668

Inside

Brito Oil Company, Inc

Zerr #1 1

DST Test Number: 6



Triobite Testing, Inc

Ref. No: 49862

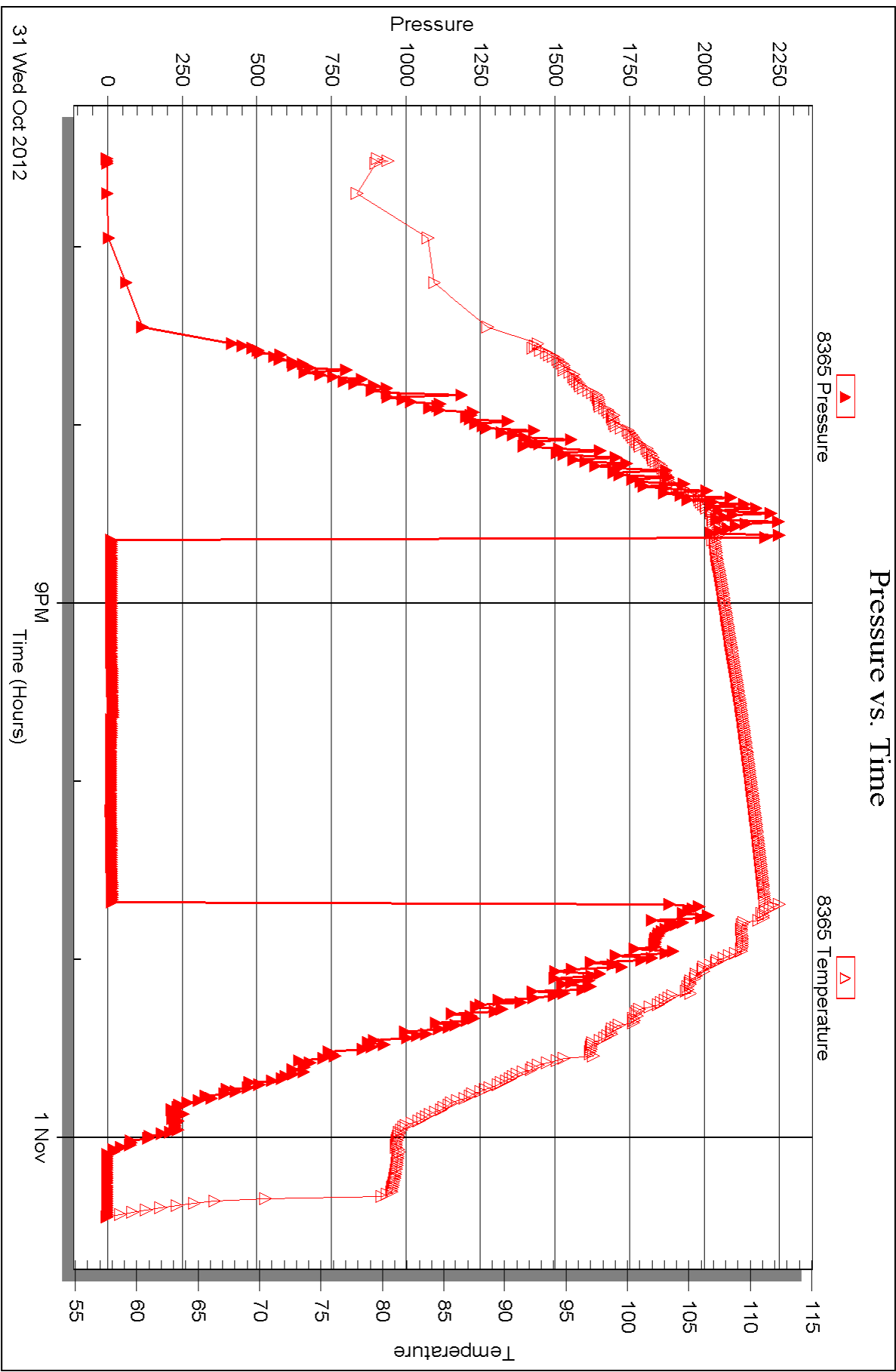
Printed: 2012.11.05 @ 14:25:35

Serial #: 8365

Outside Brito Oil Company, Inc

Zerr #1 1

DST Test Number: 6



Triobite Testing, Inc

Ref. No: 49862

Printed: 2012.11.05 @ 14:25:35



DRILL STEM TEST REPORT

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

1700 N. Waterfront Pkwy
BLD 300 Suite C
Wichita KS 67206

ATTN: Pat Deenihan

Zerr #1 1

1-12s-33w Logan,KS

Start Date: 2012.11.01 @ 20:21:15

End Date: 2012.11.02 @ 01:48:15

Job Ticket #: 49863 DST #: 7

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

Printed: 2012.11.05 @ 14:24:51



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Brito Oil Company, Inc
 1700 N. Waterfront Pkwy
 BLD 300 Suite C
 Wichita KS 67206
 ATTN: Pat Deenihan

1-12s-33w Logan, KS

Zerr #1 1

Job Ticket: 49863

DST#: 7

Test Start: 2012.11.01 @ 20:21:15

GENERAL INFORMATION:

Formation: **Pawnee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:05:15
 Time Test Ended: 01:48:15
 Interval: **4431.00 ft (KB) To 4453.00 ft (KB) (TVD)**
 Total Depth: 4453.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 65
 Reference Elevations: 3048.00 ft (KB)
 3038.00 ft (CF)
 KB to GR/CF: 10.00 ft

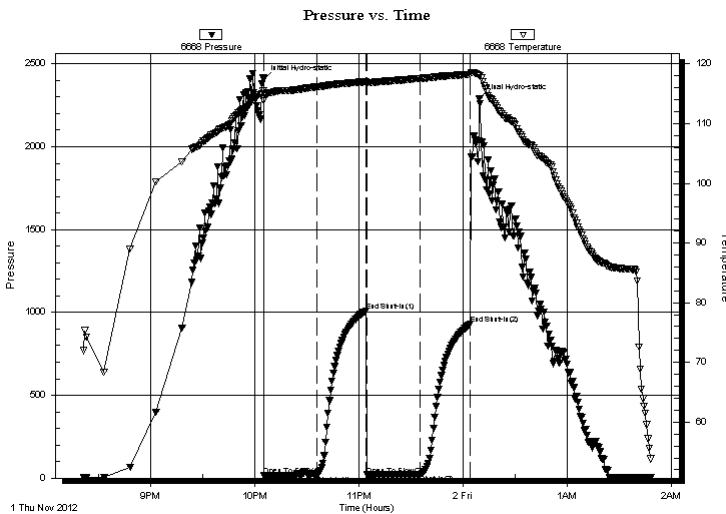
Serial #: 6668

Inside

Press @ Run Depth: 22.12 psig @ 4432.00 ft (KB)
 Start Date: 2012.11.01 End Date: 2012.11.02
 Start Time: 20:21:15 End Time: 01:48:15
 Capacity: 8000.00 psig
 Last Calib.: 2012.11.02
 Time On Btm: 2012.11.01 @ 22:05:00
 Time Off Btm: 2012.11.02 @ 00:09:30

TEST COMMENT: IF: Weak blow died in 1 min.
 IS: No return blow
 FF: No blow
 FS: No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2406.95	115.47	Initial Hydro-static
1	15.06	113.90	Open To Flow (1)
31	18.42	116.16	Shut-In(1)
59	1009.99	117.02	End Shut-In(1)
60	19.73	116.59	Open To Flow (2)
91	22.12	117.55	Shut-In(2)
120	929.51	118.23	End Shut-In(2)
125	2288.57	118.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	mud with oil spots 100% m	0.01

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
 BLD 300 Suite C
 Wichita KS 67206
 ATTN: Pat Deenihan

1-12s-33w Logan,KS

Zerr #1 1

Job Ticket: 49863

DST#: 7

Test Start: 2012.11.01 @ 20:21:15

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:05:15

Time Test Ended: 01:48:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: 4431.00 ft (KB) To 4453.00 ft (KB) (TVD)

Reference Elevations: 3048.00 ft (KB)

Total Depth: 4453.00 ft (KB) (TVD)

3038.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8365 Outside

Press @ RunDepth: psig @ 4432.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.11.01

End Date:

2012.11.02

Last Calib.:

2012.11.02

Start Time: 20:21:15

End Time:

01:48:30

Time On Btm:

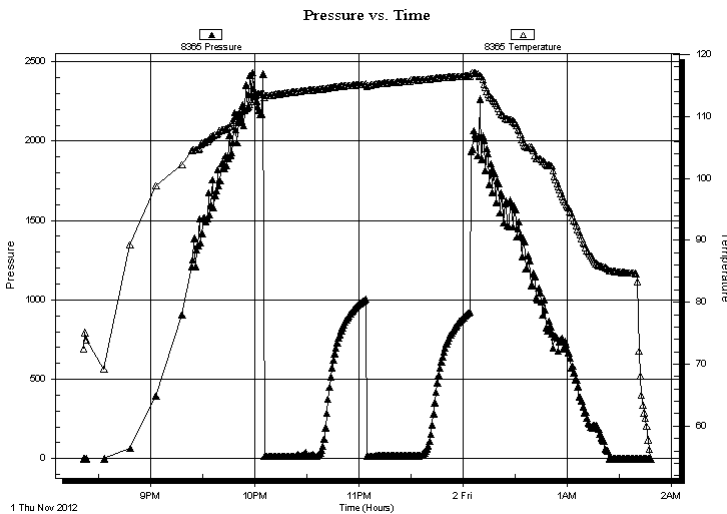
Time Off Btm:

TEST COMMENT: IF:Weak blow died in 1 min.

IS:No return blow

FF:No blow

FS:No return blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
3.00	mud with oil spots 100% m	0.01

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Company, Inc

1-12s-33w Logan,KS

1700 N.Waterfront Pkwy
BLD 300 Suite C
Wichita KS 67206
ATTN: Pat Deenihan

Zerr #1 1

Job Ticket: 49863

DST#: 7

Test Start: 2012.11.01 @ 20:21:15

Tool Information

Drill Pipe:	Length: 4123.00 ft	Diameter: 3.80 inches	Volume: 57.83 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: 20000.00 lb
Drill Collar:	Length: 299.00 ft	Diameter: 2.25 inches	Volume: 1.47 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 59.30 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4431.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 ft			
Tool Length:	38.00 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			4416.00	
Shut In Tool	5.00			4421.00	
Hydraulic tool	5.00			4426.00	
Packer	5.00			4431.00	16.00 Bottom Of Top Packer
Packer	0.00			4431.00	
Stubb	1.00			4432.00	
Recorder	0.00	6668	Inside	4432.00	
Recorder	0.00	8365	Outside	4432.00	
Perforations	16.00			4448.00	
Bullnose	5.00			4453.00	22.00 Bottom Packers & Anchor
Total Tool Length:	38.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company, Inc

1-12s-33w Logan,KS

1700 N.Waterfront Pkw y
BLD 300 Suite C
Wichita KS 67206
ATTN: Pat Deenihan

Zerr #1 1

Job Ticket: 49863

DST#: 7

Test Start: 2012.11.01 @ 20:21:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.14 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	mud w ith oil spots 100% m	0.015

Total Length: 3.00 ft Total Volume: 0.015 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6668

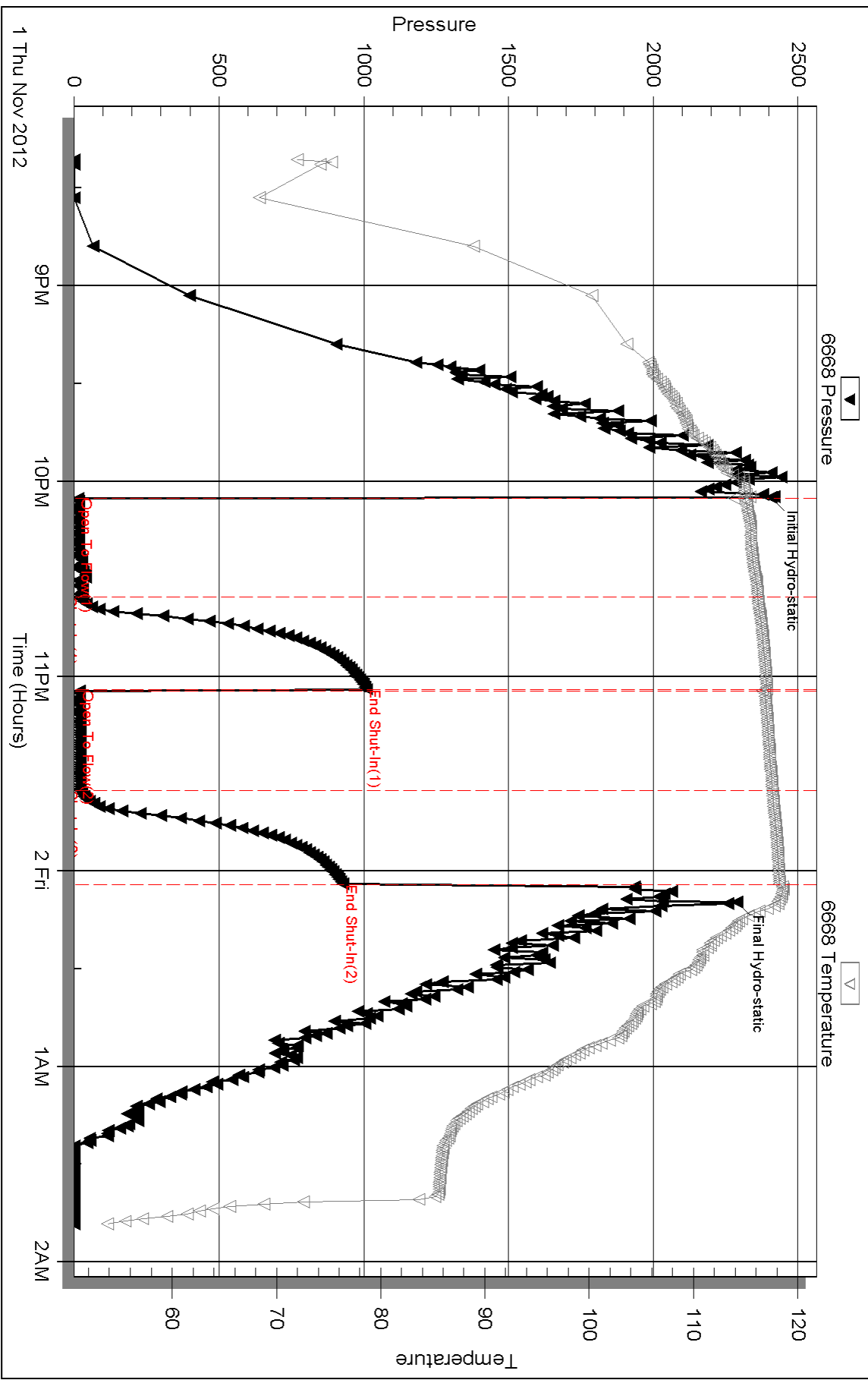
Inside

Brito Oil Company, Inc

Zerr #1 1

DST Test Number: 7

Pressure vs. Time

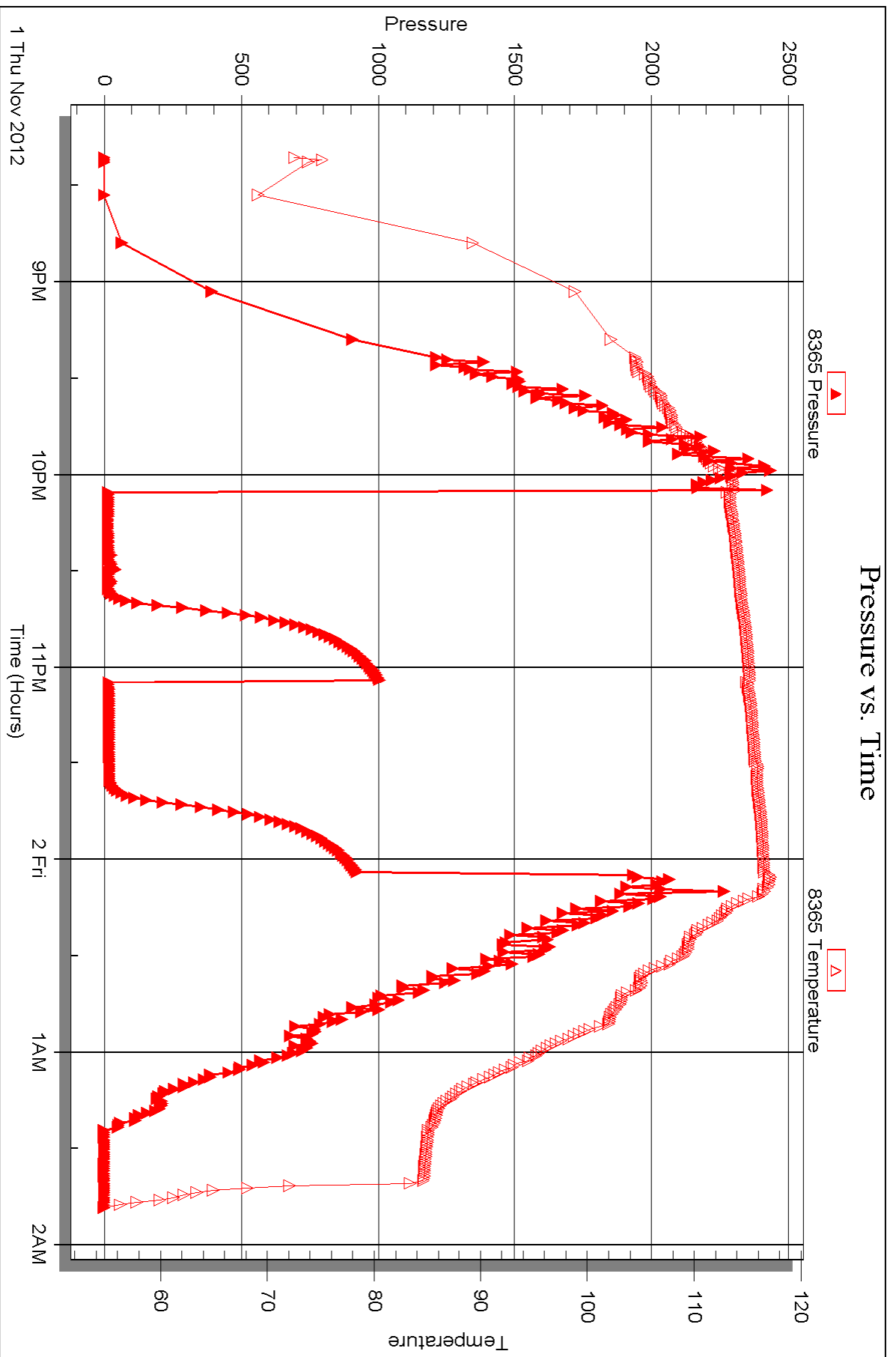


Serial #: 8365

Outside Brito Oil Company, Inc

Zerr #1 1

DST Test Number: 7



Triobite Testing, Inc

Ref. No: 49863

Printed: 2012.11.05 @ 14:24:55



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 49857

Well Name & No. Zerr 1-1 Test No. 1 Date 10-28-12
 Company Brito Oil Company Inc Elevation 3048 KB 3038 GL
 Address 1700 N. Waterfront Pkwy Bld. 300 Suite C Wichita KS 67206
 Co. Rep / Geo. PAT Deenihan Rig Murkin 21
 Location: Sec. 1 Twp. 12 Rge. 33 Co. Logan State KS

Interval Tested 4085-4110 Zone Tested Lansing E
 Anchor Length 25' Drill Pipe Run 3777 Mud Wt. 9.3
 Top Packer Depth 4081 Drill Collars Run 299 Vis 57
 Bottom Packer Depth 4085 Wt. Pipe Run Ø WL 8.0
 Total Depth 4110 Chlorides 5000 ppm System LCM 1
 Blow Description IF: BOB in 5 Min
IS: Return Blow Built to 3"
FF: BOB in 3 Min
FS: Return Blow Built to 4 1/2"

Rec	Feet of	%gas	%oil	%water	%mud
921 921	900	10	90		
60	0 CUM		5	5	90

Rec Total 981 BHT 120 Gravity 30 API RW ✓ @ ✓ °F Chlorides ✓ ppm

(A) Initial Hydrostatic <u>2026</u>	<input checked="" type="checkbox"/> Test 1250	T-On Location <u>10:00</u>
(B) First Initial Flow <u>95</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>10:30</u>
(C) First Final Flow <u>270</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>13:05</u>
(D) Initial Shut-In <u>1213</u>	<input checked="" type="checkbox"/> Circ Sub <u>Dropped BAR 50</u>	T-Pulled <u>17:05</u>
(E) Second Initial Flow <u>284</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>19:37</u>
(F) Second Final Flow <u>490</u>	<input checked="" type="checkbox"/> Mileage <u>90 RT</u> 139.50	Comments _____
(G) Final Shut-In <u>1178</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1959</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale 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>1764.50</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>1764.50</u>	

Approved By _____ Our Representative Mike Robert

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 49858

Well Name & No. Zerr 1-1 Test No. 2 Date 10-29-12
 Company Brito Oil Company Inc. Elevation 3048 KB 3038 GL
 Address 1700 N. Waterfront Pkwy Bldg. 300 Suite C Wichita KS 67206
 Co. Rep / Geo. PAT Deenihan Rig Murkin 21
 Location: Sec. 1 Twp. 12 Rge. 33 Co. Logan State KS

Interval Tested 4150 - 4205 Zone Tested H+I
 Anchor Length 49' Drill Pipe Run 3867 Mud Wt. 9.3
 Top Packer Depth 4152 Drill Collars Run 299 Vis 51
 Bottom Packer Depth 4156 Wt. Pipe Run 4 WL 6.4
 Total Depth 4205 Chlorides 5000 ppm System LCM 1

Blow Description IF: BOB in 9 min
IS: No Return Blow
FF: BOB in 8 min
FS: Return Blow Built to 8"

Rec	Feet of	%gas	%oil	%water	%mud
<u>0</u>	<u>Feet of GIP = 620'</u>	<u>620</u>			
<u>434</u>	<u>Feet of mego</u>	<u>30</u>	<u>70</u>		
<u>239</u>	<u>Feet of mego</u>	<u>20</u>	<u>20</u>		<u>10</u>
<u>60</u>	<u>Feet of mego</u>	<u>40</u>	<u>30</u>		<u>30</u>
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 733 BHT 122 Gravity 30 API RW - @ - ° F Chlorides - ppm

(A) Initial Hydrostatic 2117 Test 1250 T-On Location 08:45
 (B) First Initial Flow 25 Jars T-Started 09:32
 (C) First Final Flow 147 Safety Joint T-Open 11:18
 (D) Initial Shut-In 1328 Circ Sub T-Pulled 14:48
 (E) Second Initial Flow 160 Hourly Standby T-Out 17:16
 (F) Second Final Flow 247 Mileage 90 RT 139.50
 (G) Final Shut-In 1318 Sampler
 (H) Final Hydrostatic 1992 Straddle Ruined Shale Packer

Initial Open 30 Extra Packer Extra Copies
 Initial Shut-In 45 Extra Recorder Sub Total 0
 Final Flow 45 Day Standby Total 1389.50
 Final Shut-In 90 Accessibility MP/DST Disc't
 Sub Total 1389.50

Approved By _____ Our Representative Mick Roberts

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 49859

Well Name & No. Zerr 1-1 Test No. 3 Date 10-30-12
 Company Brito Oil Company Inc Elevation 3048 KB 3038 GL
 Address 1700 N WATERFRONT PKWY Bldg 300 Suite C Wichita KS 67206
 Co. Rep / Geo. PAT DEENIHAN Rig MURFIN 21
 Location: Sec. 1 Twp. 12 Rge. 33 Co. LOGAN State KS

Interval Tested 4208-4234 Zone Tested J
 Anchor Length 26 Drill Pipe Run 3903 Mud Wt. 9.3
 Top Packer Depth 4204 Drill Collars Run 299 Vis 51
 Bottom Packer Depth 4208 Wt. Pipe Run Ø WL 6.4
 Total Depth 4234 Chlorides 5000 ppm System LCM 1

Blow Description IF:
IS: LOST CIRCULATION
FF:
FS:

Rec	Feet of	%gas	%oil	%water	%mud

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

(A) Initial Hydrostatic 2119 Test 1050 T-On Location 00:30
 (B) First Initial Flow 17 Jars T-Started 01:11
 (C) First Final Flow / Safety Joint T-Open 03:04
 (D) Initial Shut-In 18 Circ Sub NC T-Pulled 03:06
 (E) Second Initial Flow / Hourly Standby T-Out 05:19
 (F) Second Final Flow / Mileage 90 RT 139.50 Comments Pulled Test
 (G) Final Shut-In / Sampler off Bottom, worked
 (H) Final Hydrostatic 2064 Straddle on getting circulation
 Shale Packer Back
 Ruined Shale Packer NO SUCCESS
 Ruined Packer NO SUCCESS
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open _____
 Initial Shut-In _____
 Final Flow _____
 Final Shut-In _____

Sub Total 1189.50
 Total 1189.50
 MP/DST Disc't _____

Approved By _____ Our Representative Mike Roberts
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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 49860

Well Name & No. Zerc 1-1 Test No. 4 Date 10-30-12
 Company Brito Oil Company Inc. Elevation 3048 KB 3038 GL
 Address 1700 N. Waterfront Pkwy Bldg 300 Suite C Wichita KS 67206
 Co. Rep / Geo. PAT Deenihan Rig Murfin 21
 Location: Sec. 1 Twp. 12 Rge. 33 Co. Logan State KS

Interval Tested 4208-4234 Zone Tested J
 Anchor Length 26' Drill Pipe Run 3903 Mud Wt. 9.0
 Top Packer Depth 4204 Drill Collars Run 299 Vis 56
 Bottom Packer Depth 4208 Wt. Pipe Run Ø WL 7.2
 Total Depth 4234 Chlorides 2000 ppm System LCM 8
 Blow Description IF: Built to 3/4"
IS: No Return Blow
FF: BOB in 22 Min
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>Feet of Free oil</u>				
<u>120</u>	<u>Feet of mcgo</u>	<u>15</u>	<u>70</u>	<u>15</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 150 BHT 112 Gravity 32 API RW ✓ @ ✓ °F Chlorides ✓ ppm

(A) Initial Hydrostatic 2058 Test 1250 T-On Location 11:30
 (B) First Initial Flow 15 Jars T-Started 12:05
 (C) First Final Flow 30 Safety Joint T-Open 13:45
 (D) Initial Shut-In 1234 Circ Sub NC T-Pulled 17:30
 (E) Second Initial Flow 44 Hourly Standby T-Out 19:08
 (F) Second Final Flow 54 Mileage 90 RT 139.50 Comments _____
 (G) Final Shut-In 1264 Sampler _____
 (H) Final Hydrostatic 1965 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30
 Initial Shut-In 45
 Final Flow 60
 Final Shut-In 90

Sub Total 1389.50

Total 1389.50
 MP/DST Disc't _____

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



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 49861

Well Name & No. Zerr 1-1 Test No. 5 Date 10-31-12
 Company Brito Oil Company Inc. Elevation 3048 KB 3038 GL
 Address 1700 N WATERFRONT Pkwy Bldg 300 Suite C Wichita KS 67206
 Co. Rep / Geo. PAT Deenihan Rig Martin 21
 Location: Sec. 1 Twp. 12 Rge. 33 Co. Logan State KS

Interval Tested 4235-4265 Zone Tested K
 Anchor Length 30 Drill Pipe Run 3931 Mud Wt. 9.0
 Top Packer Depth 4231 Drill Collars Run 299 Vis. 56
 Bottom Packer Depth 4235 Wt. Pipe Run 4 WL 7.2
 Total Depth 4265 Chlorides 2000 ppm System LCM 8
 Blow Description IF: Built to 7" Blow
IS: No Return Blow
FF: Built to 8" Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>Feet of MCO</u>	<u>95</u>		<u>5</u>	
<u>120</u>	<u>Feet of MUD with oil spots</u>			<u>100</u>	
<u>180</u>	<u>Feet of thru OCLWm</u>	<u>2</u>	<u>20</u>	<u>78</u>	

Rec Total 330 BHT 118 Gravity 34 API RW 215 @ 65 °F Chlorides 28000 ppm

(A) Initial Hydrostatic <u>2169</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>03:00</u>
(B) First Initial Flow <u>15</u>	<input type="checkbox"/> Jars	T-Started <u>03:42</u>
(C) First Final Flow <u>92</u>	<input type="checkbox"/> Safety Joint	T-Open <u>05:30</u>
(D) Initial Shut-In <u>1273</u>	<input checked="" type="checkbox"/> Circ Sub <u>NC</u>	T-Pulled <u>08:30</u>
(E) Second Initial Flow <u>97</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>10:39</u>
(F) Second Final Flow <u>157</u>	<input checked="" type="checkbox"/> Mileage <u>90 RT</u> 139.50	Comments
(G) Final Shut-In <u>1268</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1985</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>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>45</u>	<input type="checkbox"/> Day Standby	Total <u>1389.50</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1389.50</u>	

Approved By _____ Our Representative Mike Robert

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket 31

NO. 49862

Well Name & No. Zerr 1-1 Test No. 4 Date 10-31-12
 Company Brito Oil Company Inc Elevation 3049 KB 3038 GL
 Address 1700 N Waterfront Pkwy Bldg 300 suite C Wichita KS 67204
 Co. Rep / Geo. PAT Deenihan Rig Murfin 21
 Location: Sec. 1 Twp. 12 Rge. 33 Co. Logan State KS

Interval Tested 4274-4308 Zone Tested L
 Anchor Length 34 Drill Pipe Run 3960 Mud Wt. 9.1
 Top Packer Depth 4270 Drill Collars Run 299 Vis 54
 Bottom Packer Depth 4274 Wt. Pipe Run Ø WL 7.4
 Total Depth 4308 Chlorides 3000 ppm System LCM 5
 Blow Description IF: Weak Surface Blow Died in 8 MIN
IS: NO Return Blow
FF: NO Blow
FS: NO Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>2</u>	<u>mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 2 BHT 119 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2204</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>18:00</u>
(B) First Initial Flow <u>15</u>	<input type="checkbox"/> Jars	T-Started <u>18:30</u>
(C) First Final Flow <u>18</u>	<input type="checkbox"/> Safety Joint	T-Open <u>20:40</u>
(D) Initial Shut-In <u>21</u>	<input checked="" type="checkbox"/> Circ Sub <u>NC</u>	T-Pulled <u>22:40</u>
(E) Second Initial Flow <u>16</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>00:27</u>
(F) Second Final Flow <u>16</u>	<input checked="" type="checkbox"/> Mileage <u>90RT</u> 139.50	Comments
(G) Final Shut-In <u>19</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2044</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>1389.50</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1389.50</u>	

Approved By _____ Our Representative Mike Roberts

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket 11-1-12
11-2-12

NO. 49863

Well Name & No. Zerr 1-1 Test No. 7 Date 11-1-12
 Company Brito Oil Company Inc Elevation 3049 KB 3038 GL
 Address 1700 N Waterfront Pkwy Bldg 300 Suite C Wichita KS 67206
 Co. Rep / Geo. PAT Deenihan Rig Murfin 21
 Location: Sec. 1 Twp. 12 Rge. 33 Co. Logan State KS

Interval Tested 4431-4453 Zone Tested Pawnee
 Anchor Length 22 Drill Pipe Run 4123 Mud Wt. 9.3
 Top Packer Depth 4427 Drill Collars Run 299 Vis 61
 Bottom Packer Depth 4431 Wt. Pipe Run 0 WL 9.2
 Total Depth 4453 Chlorides 3000 ppm System LCM 6
 Blow Description IF: Weak Blow Died in 1 Min
FS: NO Return Blow
FF: No Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>3</u>	<u>mud 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	Feet of	%gas	%oil	%water	%mud

Rec Total 3 BHT 118 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic ~~2406~~ 2406 Test 1250 T-On Location 20:15
 (B) First Initial Flow 15 Jars _____ T-Started 20:21
 (C) First Final Flow 18 Safety Joint _____ T-Open 22:05
 (D) Initial Shut-In 1009 Circ Sub NC T-Pulled 00:05
 (E) Second Initial Flow 19 Hourly Standby _____ T-Out 01:48
 (F) Second Final Flow 22 Mileage 90 RT 139.50 Comments _____
 (G) Final Shut-In 929 Sampler _____
 (H) Final Hydrostatic 2288 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1389.50
 Final Flow 30 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 30 _____
 Sub Total 1389.50

Approved By _____ Our Representative Mike Roberts

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



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 49864

Well Name & No. Zerr 1-1 Test No. 8 Date 11-2-12
 Company Brito Oil Company Inc. Elevation 3049 KB 3038 GL
 Address 1700 N. Waterfront Pkwy Bldg. 300 Suite C Wichita KS 67206
 Co. Rep / Geo. Pat Deenhan Rig Murfin 21
 Location: Sec. 1 Twp. 12 Rge. 33 Co. Logan State KS

Interval Tested 4542-4600 Zone Tested Johnson
 Anchor Length 58 Drill Pipe Run 4243 Mud Wt. 9.2
 Top Packer Depth 4838 Drill Collars Run 299 Vis 52
 Bottom Packer Depth 4542 Wt. Pipe Run 0 WL 8.0
 Total Depth 4600 Chlorides 3400 ppm System LCM 6
 Blow Description IF: Weak Surface Blow Died in 17 Min
IS: No Return Blow
FF: No Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>70</u>	<u>MUD 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	Feet of	%gas	%oil	%water	%mud

Rec Total 70 BHT 120 Gravity / API RW / @ / F Chlorides / ppm

(A) Initial Hydrostatic 2282 Test 1250 T-On Location 17:40
 (B) First Initial Flow 30 Jars T-Started 18:11
 (C) First Final Flow 57 Safety Joint T-Open 20:10
 (D) Initial Shut-In 1084 Circ Sub NC T-Pulled 22:10
 (E) Second Initial Flow 60 Hourly Standby T-Out 00:32
 (F) Second Final Flow 82 Mileage 90 RT 139.50
 (G) Final Shut-In 1063 Sampler
 (H) Final Hydrostatic 2177 Straddle Ruined Shale Packer

Initial Open 30 Shale Packer Ruined Packer
 Initial Shut-In 30 Extra Packer Extra Copies
 Final Flow 30 Extra Recorder Sub Total 0
 Final Shut-In 30 Day Standby Total 1389.50
 Accessibility MP/DST Disc't
 Sub Total 1389.50

Approved By _____ Our Representative Alte Rotak

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.

ALLIED OIL & GAS SERVICES, LLC 058959

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
Oakley

DATE <u>10-24-12</u>	SEC. <u>1</u>	TWP. <u>12</u>	RANGE <u>33</u>	CALLED OUT	ON LOCATION	JOB START <u>10:30am</u>	JOB FINISH <u>11:00am</u>
LEASE <u>2err</u>	WELL # <u>1-1</u>	LOCATION <u>Oakley 5's SW 1/4's</u>		COUNTY <u>Logan</u>	STATE <u>Ks</u>		
OLD OR <u>NEW</u> (Circle one)		<u>E S E into</u>				<u>1.01</u>	<u>1.8</u>

CONTRACTOR <u>Murfin #1</u>	OWNER <u>same</u>
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>223'</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>225.10'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSO. <u>15'</u>	
PERFS.	
DISPLACEMENT <u>13.38 BBL</u>	

CEMENT	AMOUNT ORDERED <u>165 sks com</u>
<u>3 bbl 209 gal</u>	
COMMON <u>165 sks</u>	@ <u>17.90</u> <u>2953.50</u>
POZMIX	@
GEL <u>3 sks</u>	@ <u>23.40</u> <u>70.20</u>
CHLORIDE <u>6 sks</u>	@ <u>64.00</u> <u>384.00</u>
ASC	@

EQUIPMENT	
PUMP TRUCK	CEMENTER <u>1 Andrew Brustad</u>
<u>431</u>	HELPER <u>2 Jane Letzloff</u>
BULK TRUCK	
<u>540</u>	DRIVER <u>3 David Spariano</u>
BULK TRUCK	
<u></u>	DRIVER

HANDLING <u>1.28 cu/ft</u>	@ <u>2.48</u> <u>441.44</u>
MILBAG <u>2.0 to 2.5 mile</u>	@ <u>8.14</u> <u>237.80</u>
TOTAL <u>4081.94</u>	

REMARKS:
Cement did circulate

Thank you

CHARGE TO: Brito Oil Co
STREET _____
CITY _____ STATE _____ ZIP _____

SERVICE	
DEPTH OF JOB <u>225.10'</u>	
PUMP TRUCK CHARGE	<u>1512.25</u>
EXTRA FOOTAGE	@
MILBAG <u>11 miles</u>	@ <u>2.70</u> <u>84.20</u>
MANIFOLD <u>head</u>	@ <u>225.00</u>
<u>Light vehicle</u>	@ <u>4.40</u> <u>48.40</u>
TOTAL <u>1920.35</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.

PRINTED NAME Juan Tinoco
SIGNATURE Juan Tinoco

PLUG & FLOAT EQUIPMENT	
	@
	@
	@
	@
	@
TOTAL _____	
SALES TAX (If Any) <u>265.80</u>	
TOTAL CHARGES <u>6,002.29</u>	
DISCOUNT <u>1320.50</u>	IF PAID IN 30 DAYS

2290



P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Acctg —

cc: WT
cc: Liz
cc: LR-1

Invoice

DATE	INVOICE #
11/9/2012	22917

BILL TO
Murfin Drilling Co Inc PO Box 661 Colby, KS 67701-0661

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-1	Zerr	Logan	Company Tools	Oil	Development	Cement Port Collar	Josh
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				80	Miles	6.00	480.00
576D-D	Pump Charge - Port Collar				1	Job	1,250.00	1,250.00
290	D-Air				2	Gallon(s)	35.00	70.00T
276	Flocele				50	Lb(s)	2.00	100.00T
330	Swift Multi-Density Standard (MIDCON II)				200	Sacks	16.50	3,300.00T
581D	Service Charge Cement				350	Sacks	2.00	700.00
583D	Drayage				1,394.4	Ton Miles	1.00	1,394.40
	Subtotal							7,294.40
	Sales Tax Logan County						7.80%	270.66
USED FOR <u>1C103</u> APPROVED <u>JR R</u> <i>deck 27142</i> 1C103 29328.0001.1 7565.06 Cement Port Collar #1-1								

We Appreciate Your Business!

Total

\$7,565.06



CHARGE TO: Murfin
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET
 No 22917

PAGE 1 OF 1

1. SERVICE LOCATIONS Hassks WELL/PROJECT NO. L-1 LEASE Zerr COUNTY/PARISH Logan STATE KS DATE 11-9-12 OWNER
 2. Ness City TICKET TYPE SERVICE CONTRACTOR Co Tools RIG NAME NO. WT ORDER NO.
 3. WELL TYPE D-1 WELL CATEGORY Develop JOB PURPOSE Cement Port Collar DELIVERED TO Logan WELL PERMIT NO.
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE <u>4 1/2</u>	80	mi			6.00	480.00
5760		1			<u>Pump Charge Port Collar</u>	125				12.50	1250.00
290		1			<u>Oil</u>	2	gal			35.00	70.00
276		2			<u>Plocele</u>	80	lbs			2.00	160.00
330		2			<u>Swift Multi-Olefin</u>	200	lbs			16.50	3300.00
581		2			<u>Service Charge</u>	350	hrs			2.00	700.00
583		2			<u>Drayage</u>	1394	hr			1.00	1394.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.
 MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED 11-9-12 TIME SIGNED 11:30 A.M. P.M.

SWIFT OPERATOR John Brewwell APPROVAL

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY
 OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?
 WE UNDERSTOOD AND MET YOUR NEEDS?
 OUR SERVICE WAS PERFORMED WITHOUT DELAY?
 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?
 ARE YOU SATISFIED WITH OUR SERVICE?
 CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL 7294.40
 TOTAL 7565.06

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 11-9-12 PAGE NO.

CUSTOMER

Murfm

WELL NO.

11

LEASE

Berr

JOB TYPE

Cement Port Collar

TICKET NO.

22917

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1130							on location 2 3/4 x 5 1/2 Port Collar @ 2570
	1210						1200	Pressure test
	1215							open Port Collar
	1217	3					400	Injectan Rate circulated
	1225	4					700	Start Cement
			6590				900	Circulate cement Brine weight up to 14.5 lb/gal
			8				900	
	1250		9					Displace
	1300						1240	Close Port Collar
								Run 6 joints
	1310		30					Reverse out
								washup / Back Up
	1430							Job complete Thank You Josh, Jon, Rob
								200 Stg 25 m pit

JOB LOG

SWIFT Services, Inc.

DATE 7 NOV 12 PAGE NO.

CUSTOMER Brito O.1 WELL NO. 1-1 LEASE Zerr JOB TYPE Cement lay string TICKET NO. 23460

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								225 sks EA-2 w/ 1/2" flocc. TD 4710'
								12 joints 5 1/2" B.S casing 4701' shear 21.05'
								Cement 3-16, SD Bros 50, 51
								Port Collar #51 2572' 100' scratcher
COT	0100	0100						on loc TRK 114
CST	0117							start 5 1/2" 15.5" pipe in well
	0220							circulate well at joint #52
	0350							Drop ball - circulate - ROTATE
	0440	4 3/4	32			200		Pump Flocc (sogal) & KCL spacers
			7					Plug RH - MH 30 sks 20 sks
	0452	4 3/4	42			200		Mix EA-2 cement 175 sks @ 15.3 ppg
	0502							Drop latch down plug
								wash out pump & line
	0507	6 3/4				200		Displace plug
		6 3/4	105			850		
	0530	6 3/4	111			1600		Land plug
								Release pressure to truck - diked up
	0535							wash truck
								Back up
	0610							job complete
								Thanks Blaine, Flint & Dave