



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1140911
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: _____



1140911

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: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Marexco, Inc.
Well Name	Sumner 11-23
Doc ID	1140911

All Electric Logs Run

Dual Induction
Micro Resistivity
Compensated Density Neutron
Cement Bond log



DRILL STEM TEST REPORT

Prepared For: **Marexco Inc.**

3033 NW 63rd St-STE 151
Oklahoma City OK 73116

ATTN: Scott Alberg

Sumner #11-23

23-1s-26w Decator,KS

Start Date: 2013.03.28 @ 05:05:00

End Date: 2013.03.28 @ 12:57:30

Job Ticket #: 50638 DST #: 1

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

Printed: 2013.04.02 @ 08:34:07

Marexco Inc. 23-1s-26w Decator,KS Sumner #11-23 DST # 1 Lamsoning A 2013.03.28



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Marexco Inc.
 3033 NW 63rd St-STE 151
 Oklahoma City OK 73116
 ATTN: Scott Alberg

23-1s-26w Decator, KS
Summer #11-23
 Job Ticket: 50638 **DST#: 1**
 Test Start: 2013.03.28 @ 05:05:00

GENERAL INFORMATION:

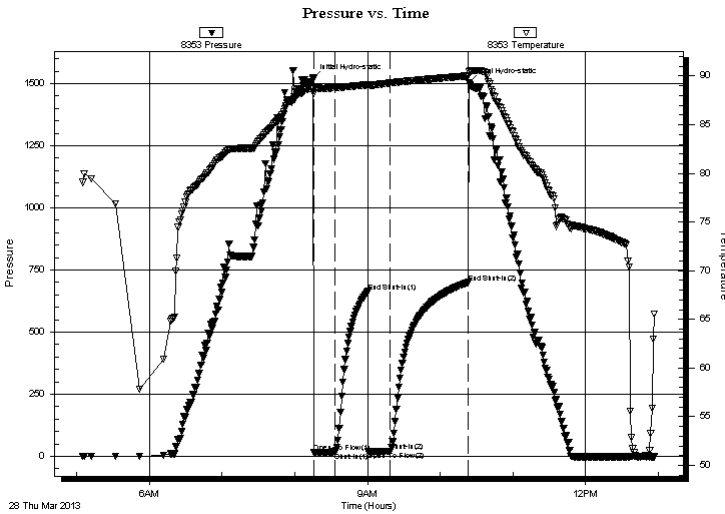
Formation: **Lamsing A**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 08:15:45
 Tester: Wilbur Steinbeck
 Time Test Ended: 12:57:30
 Unit No: 39
 Interval: **3190.00 ft (KB) To 3242.00 ft (KB) (TVD)**
 Reference Elevations: 2430.00 ft (KB)
 Total Depth: 3242.00 ft (KB) (TVD)
 2425.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 5.00 ft

Serial #: 8353 Outside

Press @ Run Depth: 20.02 psig @ 3191.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.03.28 End Date: 2013.03.28 Last Calib.: 2013.03.28
 Start Time: 05:05:15 End Time: 12:57:30 Time On Btm: 2013.03.28 @ 08:15:15
 Time Off Btm: 2013.03.28 @ 10:23:45

TEST COMMENT: 15 IF; Surge Died
 30 IS; No Blow
 15 FF; No Blow
 30 FS; No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1518.93	88.85	Initial Hydro-static
1	15.30	88.23	Open To Flow (1)
18	17.92	88.79	Shut-In(1)
45	662.95	89.11	End Shut-In(1)
46	18.41	89.03	Open To Flow (2)
63	20.02	89.28	Shut-In(2)
128	699.69	90.02	End Shut-In(2)
129	1502.43	90.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	0.14

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Marexco Inc.
3033 NW 63ed St-STE 151
Oklahoma City OK 73116
ATTN: Scott Alberg

23-1s-26w Decator,KS
Summer #11-23
Job Ticket: 50638 **DST#: 1**
Test Start: 2013.03.28 @ 05:05:00

Tool Information

Drill Pipe:	Length: 3185.00 ft	Diameter: 3.80 inches	Volume: 44.68 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 44.68 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3190.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	52.00 ft			
Tool Length:	79.00 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			3164.00	
Shut In Tool	5.00			3169.00	
Hydraulic tool	5.00			3174.00	
Jars	5.00			3179.00	
Safety Joint	2.00			3181.00	
Packer	5.00			3186.00	27.00 Bottom Of Top Packer
Packer	4.00			3190.00	
Stubb	1.00			3191.00	
Recorder	0.00	8360	Inside	3191.00	
Recorder	0.00	8353	Outside	3191.00	
Perforations	15.00			3206.00	
Change Over Sub	1.00			3207.00	
Drill Pipe	31.00			3238.00	
Change Over Sub	1.00			3239.00	
Bullnose	3.00			3242.00	52.00 Bottom Packers & Anchor

Total Tool Length: 79.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Marexco Inc.
3033 NW 63ed St-STE 151
Oklahoma City OK 73116
ATTN: Scott Alberg

23-1s-26w Decator,KS
Summer #11-23
Job Ticket: 50638 **DST#: 1**
Test Start: 2013.03.28 @ 05:05:00

Mud and Cushion Information

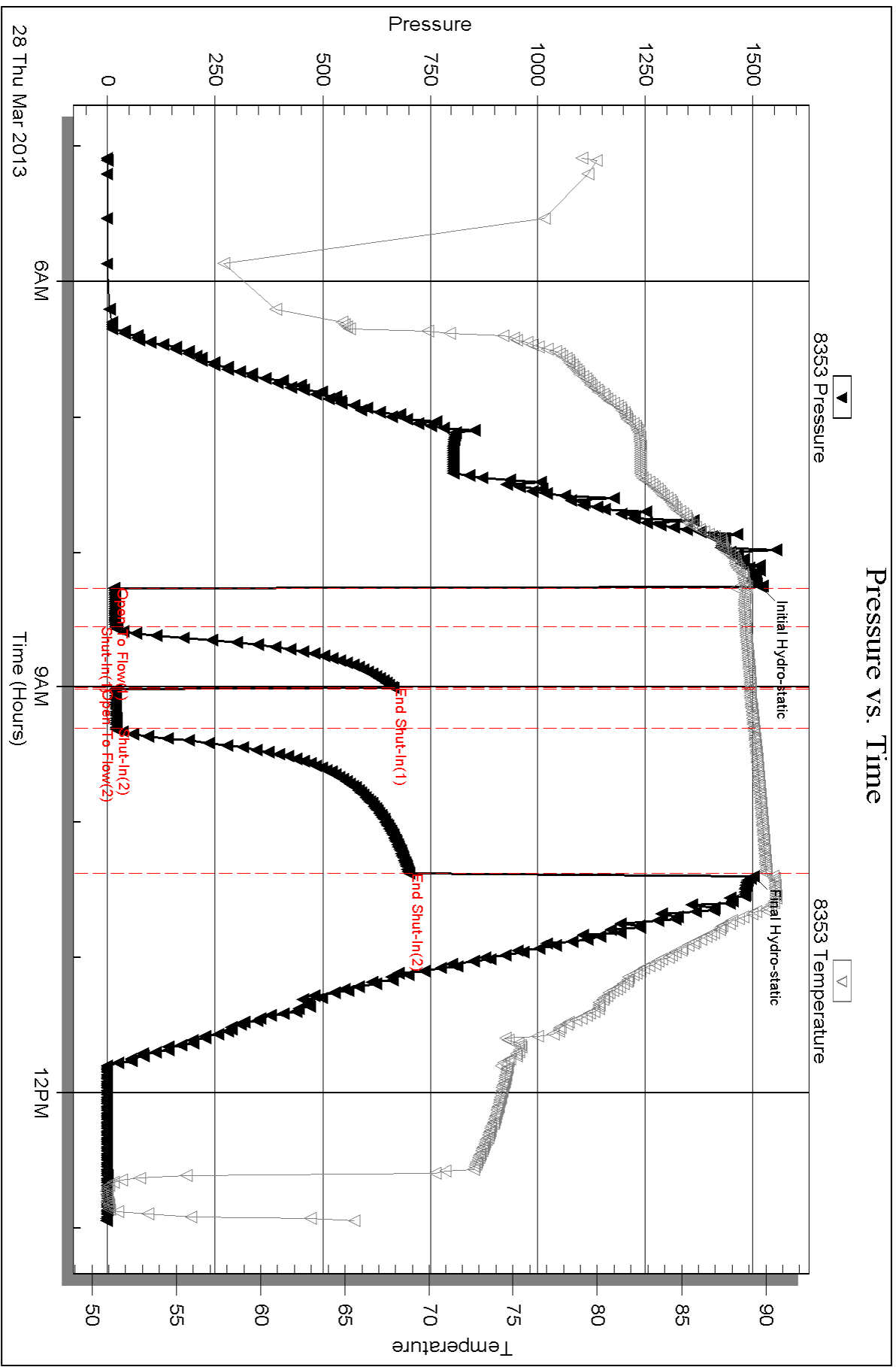
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:



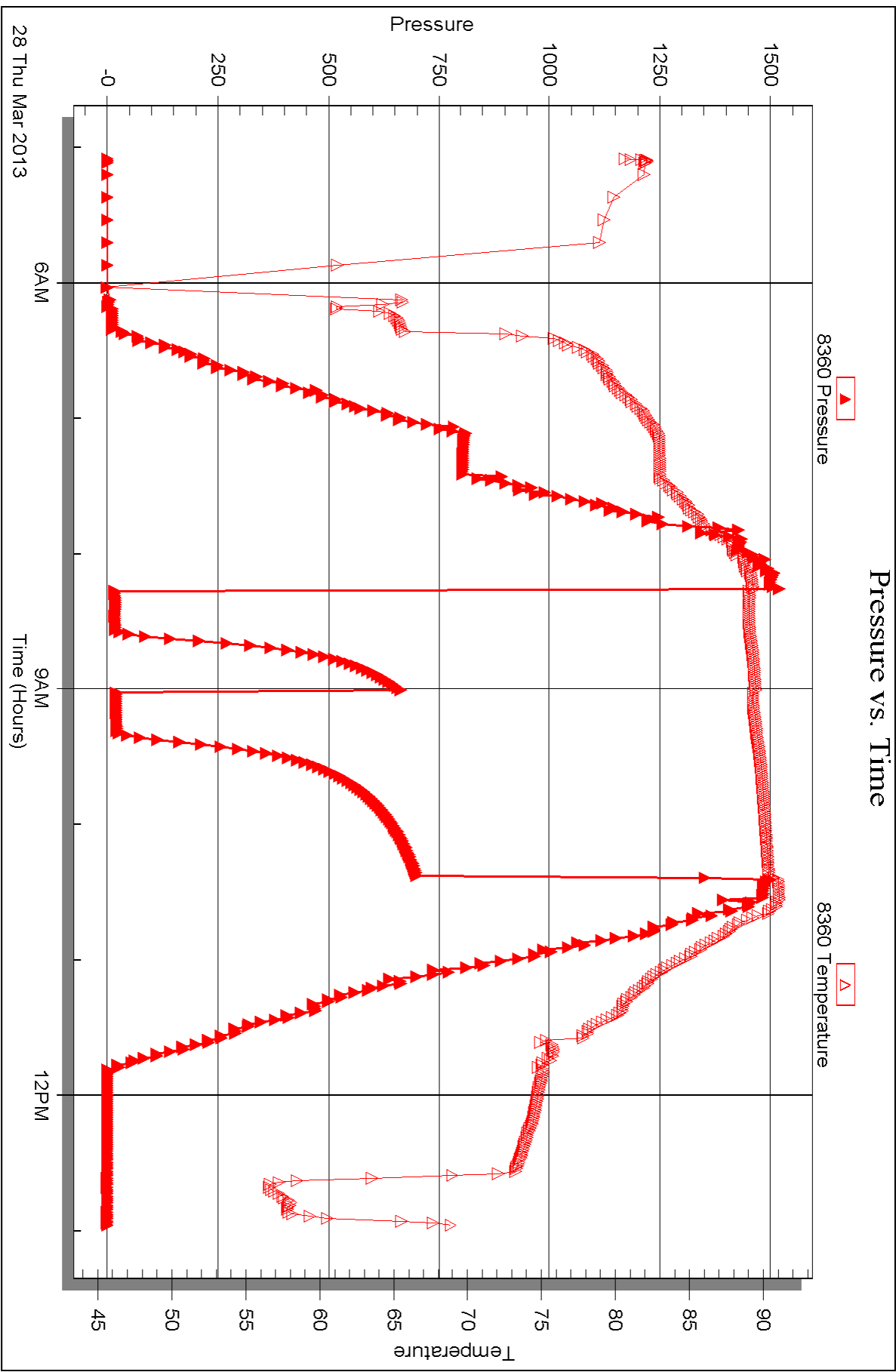
Serial #: 8360

Inside

Marexco Inc.

Summer #11-23

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Marexco Inc.**

3033 NW 63rd St-STE 151
Oklahoma City OK 73116

ATTN: Scott Alberg

Sumner #11-23

23-1s-26w Decator,KS

Start Date: 2013.03.28 @ 19:35:00

End Date: 2013.03.29 @ 04:09:00

Job Ticket #: 50639 DST #: 2

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

Printed: 2013.04.02 @ 08:29:17



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Marexco Inc.
3033 NW 63rd St-STE 151
Oklahoma City OK 73116
ATTN: Scott Alberg

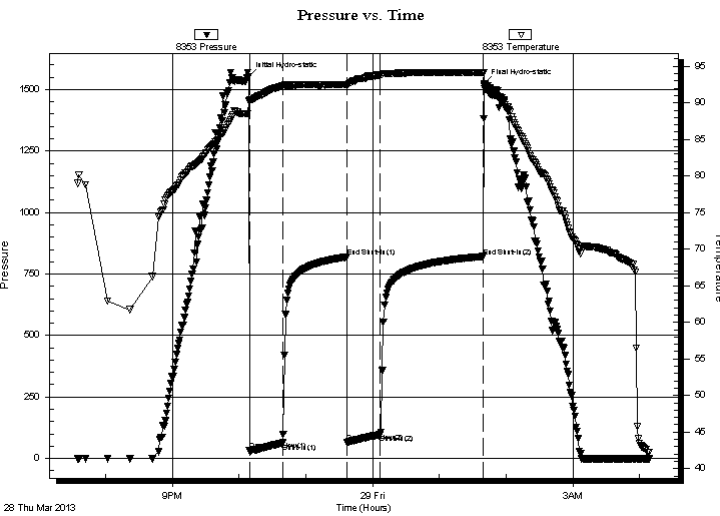
23-1s-26w Decator, KS
Summer #11-23
Job Ticket: 50639 **DST#: 2**
Test Start: 2013.03.28 @ 19:35:00

GENERAL INFORMATION:

Formation: **Lan B**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:09:15
Time Test Ended: 04:09:00
Interval: **3242.00 ft (KB) To 3267.00 ft (KB) (TVD)**
Total Depth: 3267.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 2430.00 ft (KB)
2425.00 ft (CF)
KB to GR/CF: 5.00 ft
Test Type: Conventional Bottom Hole (Reset)
Tester: Wilbur Steinbeck
Unit No: 39

Serial #: 8353 Outside
Press @ Run Depth: 96.84 psig @ 3243.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.03.28 End Date: 2013.03.29 Last Calib.: 2013.03.29
Start Time: 19:35:15 End Time: 04:09:00 Time On Btm: 2013.03.28 @ 22:08:45
Time Off Btm: 2013.03.29 @ 01:40:15

TEST COMMENT: 30 IF; Built to 3"
60 IS; No Blow
30 FF; Built to 2 1/4"
90 FS; No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1552.86	90.32	Initial Hydro-static
1	31.68	90.23	Open To Flow (1)
31	63.18	92.31	Shut-In(1)
88	819.25	92.52	End Shut-In(1)
89	65.37	92.44	Open To Flow (2)
118	96.84	93.80	Shut-In(2)
211	821.14	94.15	End Shut-In(2)
212	1525.70	92.38	Final Hydro-static

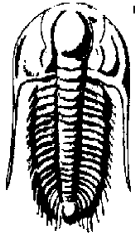
Recovery

Length (ft)	Description	Volume (bbl)
60.00	OWCM 10%O 20%W 70%M	0.30
60.00	OMCW 10%O 40%M 50%W	0.30
20.00	GMVCO 5%G 12%W 40%M 43%O "10 F0.10Oil"	

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Marexco Inc.
3033 NW 63rd St-STE 151
Oklahoma City OK 73116
ATTN: Scott Alberg

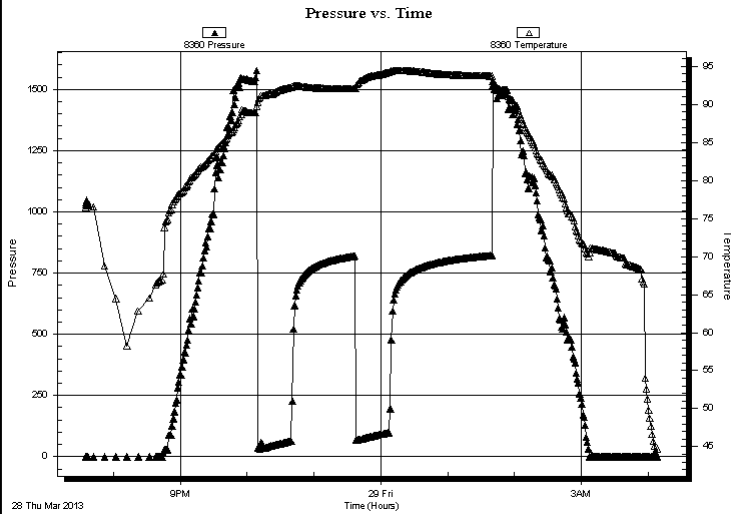
23-1s-26w Decator, KS
Summer #11-23
Job Ticket: 50639 **DST#: 2**
Test Start: 2013.03.28 @ 19:35:00

GENERAL INFORMATION:

Formation: **Lan B**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 22:09:15 Tester: Wilbur Steinbeck
Time Test Ended: 04:09:00 Unit No: 39
Interval: 3242.00 ft (KB) To 3267.00 ft (KB) (TVD) Reference Elevations: 2430.00 ft (KB)
Total Depth: 3267.00 ft (KB) (TVD) 2425.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 8360 Inside
Press @ Run Depth: psig @ 3243.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.03.28 End Date: 2013.03.29 Last Calib.: 2013.03.29
Start Time: 19:35:05 End Time: 04:09:00 Time On Btm:
Time Off Btm:

TEST COMMENT: 30 IF; Built to 3"
60 IS; No Blow
30 FF; Built to 2 1/4"
90 FS; No Blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OWCM 10%O 20%W 70%M	0.30
60.00	OMCW 10%O 40%M 50%W	0.30
20.00	GMWCO 5%G 12%W 40%M 43%O "10 F0.10Oil"	

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Marexco Inc.
3033 NW 63ed St-STE 151
Oklahoma City OK 73116
ATTN: Scott Alberg

23-1s-26w Decator,KS
Summer #11-23
Job Ticket: 50639 **DST#: 2**
Test Start: 2013.03.28 @ 19:35:00

Tool Information

Drill Pipe:	Length: 3056.00 ft	Diameter: 3.80 inches	Volume: 42.87 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 43.76 bbl</u>	Tool Chased 5.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 53000.00 lb
Depth to Top Packer:	3242.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	52.00 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			3216.00	
Shut In Tool	5.00			3221.00	
Hydraulic tool	5.00			3226.00	
Jars	5.00			3231.00	
Safety Joint	2.00			3233.00	
Packer	5.00			3238.00	27.00 Bottom Of Top Packer
Packer	4.00			3242.00	
Stubb	1.00			3243.00	
Recorder	0.00	8360	Inside	3243.00	
Recorder	0.00	8353	Outside	3243.00	
Perforations	21.00			3264.00	
Bullnose	3.00			3267.00	25.00 Bottom Packers & Anchor

Total Tool Length: 52.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Marexco Inc.
3033 NW 63rd St-STE 151
Oklahoma City OK 73116
ATTN: Scott Alberg

23-1s-26w Decator,KS
Summer #11-23
Job Ticket: 50639 **DST#: 2**
Test Start: 2013.03.28 @ 19:35:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.18 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	OWCM 10%O 20%W 70%M	0.295
60.00	OMCW 10%O 40%M 50%W	0.295
20.00	GMWCO 5%G 12%W 40%M 43%O "10' Free	0.098

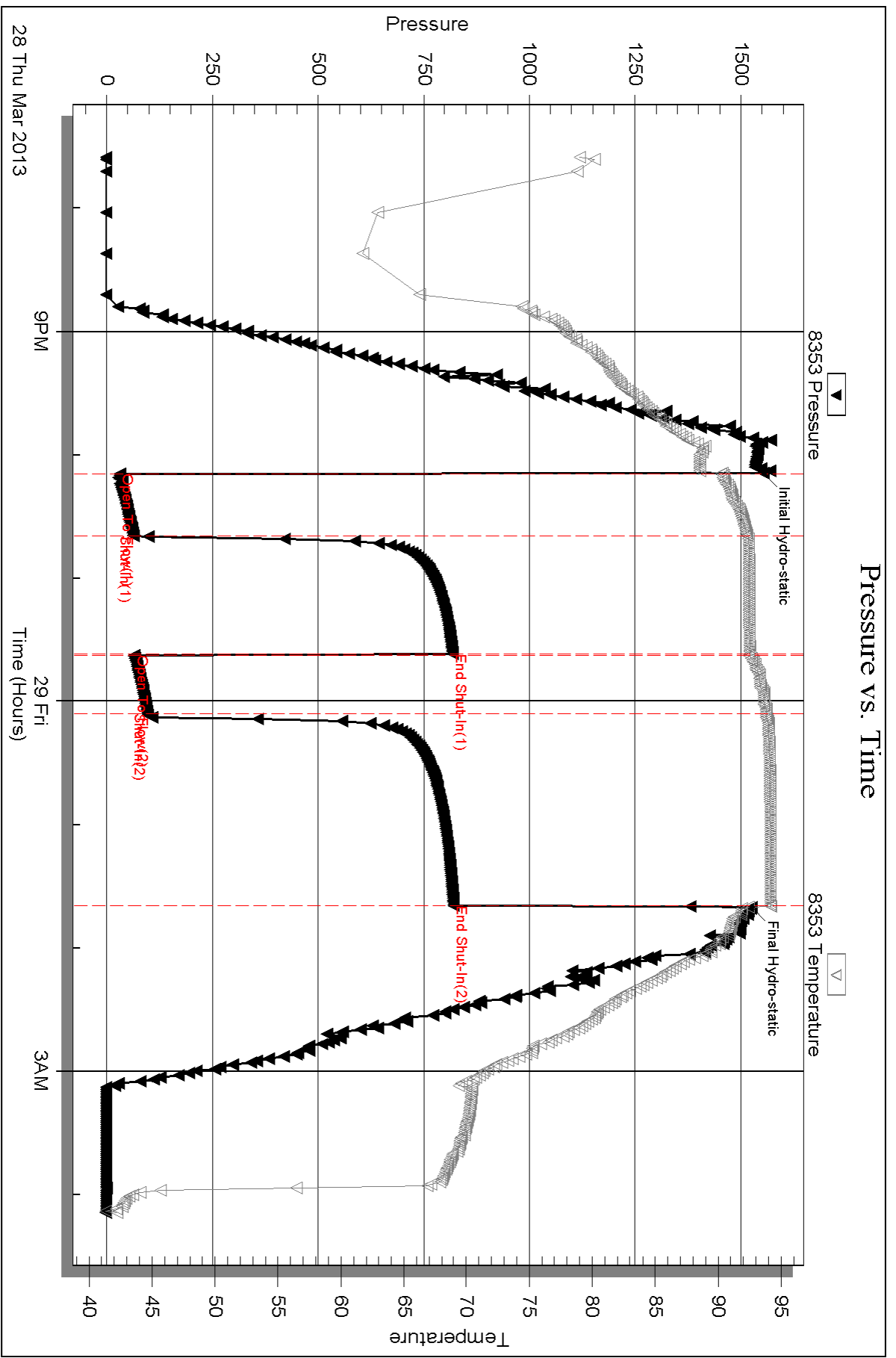
Total Length: 140.00 ft Total Volume: 0.688 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8353

Outside Marexco Inc.

Summer #11-23

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 50639

Printed: 2013.04.02 @ 08:29:20

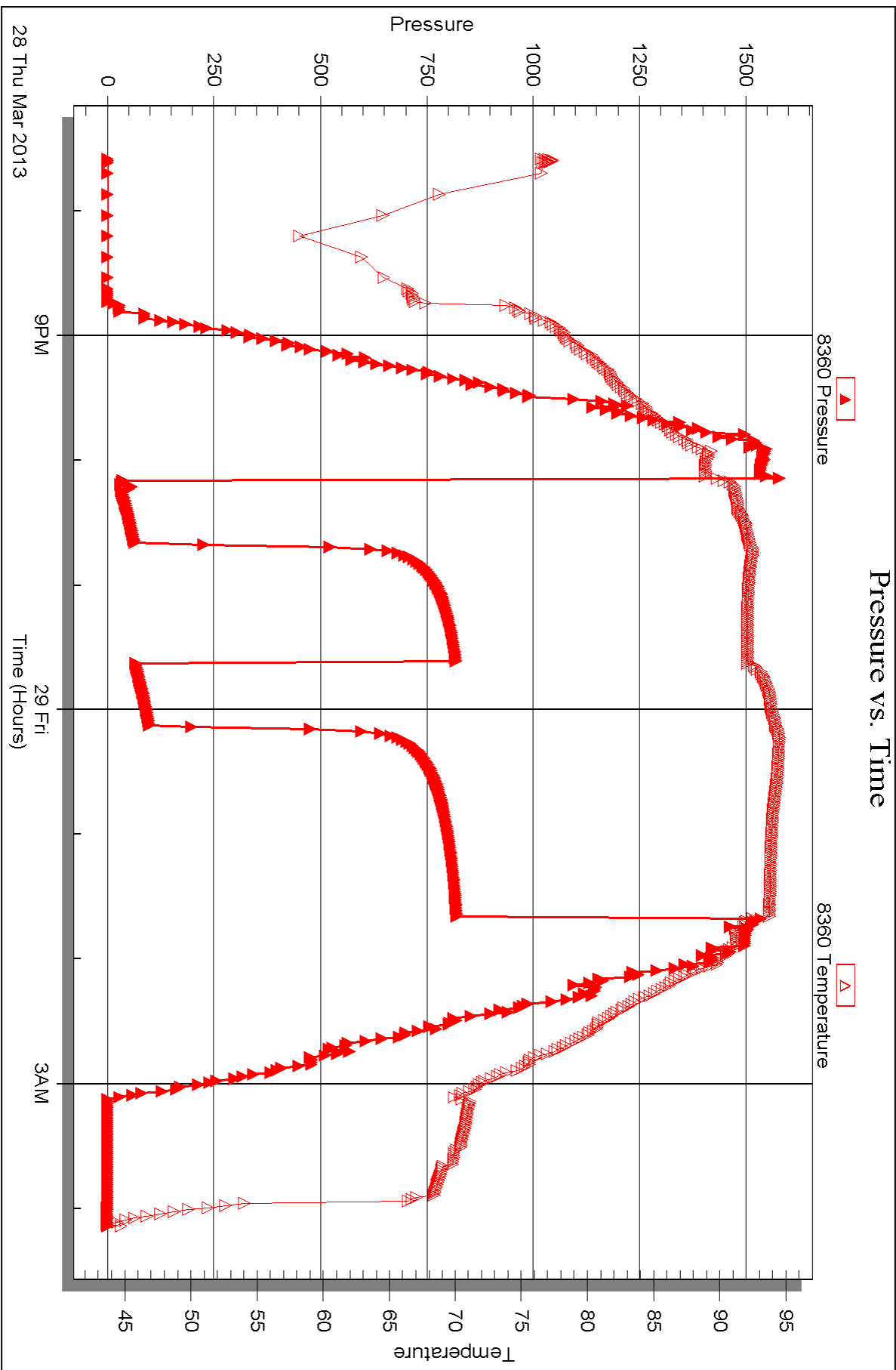
Serial #: 8360

Inside

Marexco Inc.

Summer #11-23

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Marexco Inc.**

3033 NW 63rd St-STE 151
Oklahoma City OK 73116

ATTN: Scott Alberg

Sumner #11-23

23-1s-26w Decator,KS

Start Date: 2013.03.29 @ 12:12:00

End Date: 2013.03.29 @ 19:59:00

Job Ticket #: 50640 DST #: 3

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

Printed: 2013.04.02 @ 08:27:37



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Marexco Inc.
3033 NW 63rd St-STE 151
Oklahoma City OK 73116
ATTN: Scott Alberg

23-1s-26w Decator, KS
Summer #11-23
Job Ticket: 50640 **DST#: 3**
Test Start: 2013.03.29 @ 12:12:00

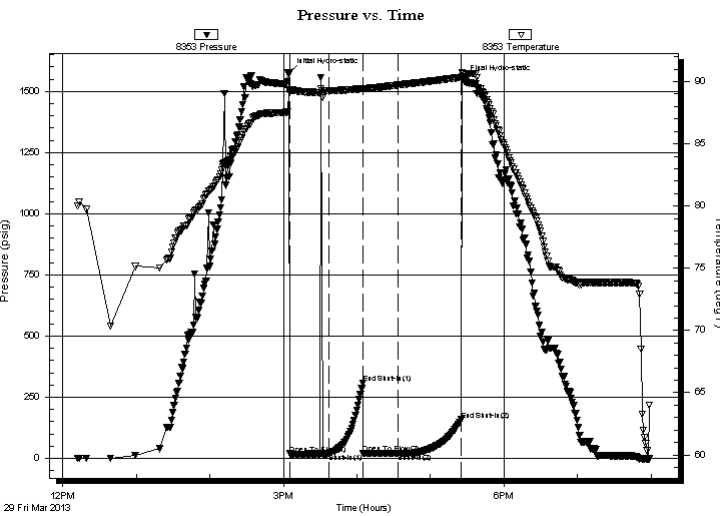
GENERAL INFORMATION:

Formation: **Lan C**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:05:15
Time Test Ended: 19:59:00
Interval: **3267.00 ft (KB) To 3286.00 ft (KB) (TVD)**
Total Depth: 3286.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 2430.00 ft (KB)
2425.00 ft (CF)
KB to GR/CF: 5.00 ft
Test Type: Conventional Bottom Hole (Reset)
Tester: Wilbur Steinbeck
Unit No: 39

Serial #: 8353 Outside

Press @ Run Depth: 20.53 psig @ 3268.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.03.29 End Date: 2013.03.29 Last Calib.: 2013.03.29
Start Time: 12:12:15 End Time: 19:59:00 Time On Btm: 2013.03.29 @ 15:04:45
Time Off Btm: 2013.03.29 @ 17:26:45

TEST COMMENT: 30 IF; Weak surface blow died in 20 min flushed @ 25 min
30 IS; No Blow
30 FF; No Blow
30 FS; No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1577.70	89.32	Initial Hydro-static
1	17.99	89.14	Open To Flow (1)
32	19.26	89.28	Shut-In(1)
60	307.91	89.45	End Shut-In(1)
61	19.36	89.40	Open To Flow (2)
89	20.53	89.72	Shut-In(2)
140	157.79	90.35	End Shut-In(2)
142	1549.19	90.66	Final Hydro-static

Recovery

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

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Marexco Inc.
3033 NW 63ed St-STE 151
Oklahoma City OK 73116
ATTN: Scott Alberg

23-1s-26w Decator,KS
Summer #11-23
Job Ticket: 50640 **DST#: 3**
Test Start: 2013.03.29 @ 12:12:00

Tool Information

Drill Pipe:	Length: 3149.00 ft	Diameter: 3.80 inches	Volume: 44.17 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 44.76 bbl</u>	Tool Chased 10.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3267.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 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			3241.00	
Shut In Tool	5.00			3246.00	
Hydraulic tool	5.00			3251.00	
Jars	5.00			3256.00	
Safety Joint	2.00			3258.00	
Packer	5.00			3263.00	27.00 Bottom Of Top Packer
Packer	4.00			3267.00	
Stubb	1.00			3268.00	
Recorder	0.00	8360	Inside	3268.00	
Recorder	0.00	8353	Outside	3268.00	
Perforations	15.00			3283.00	
Bullnose	3.00			3286.00	19.00 Bottom Packers & Anchor

Total Tool Length: 46.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Marexco Inc.
3033 NW 63ed St-STE 151
Oklahoma City OK 73116
ATTN: Scott Alberg

23-1s-26w Decator,KS
Summer #11-23
Job Ticket: 50640 **DST#: 3**
Test Start: 2013.03.29 @ 12:12:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud	0.025

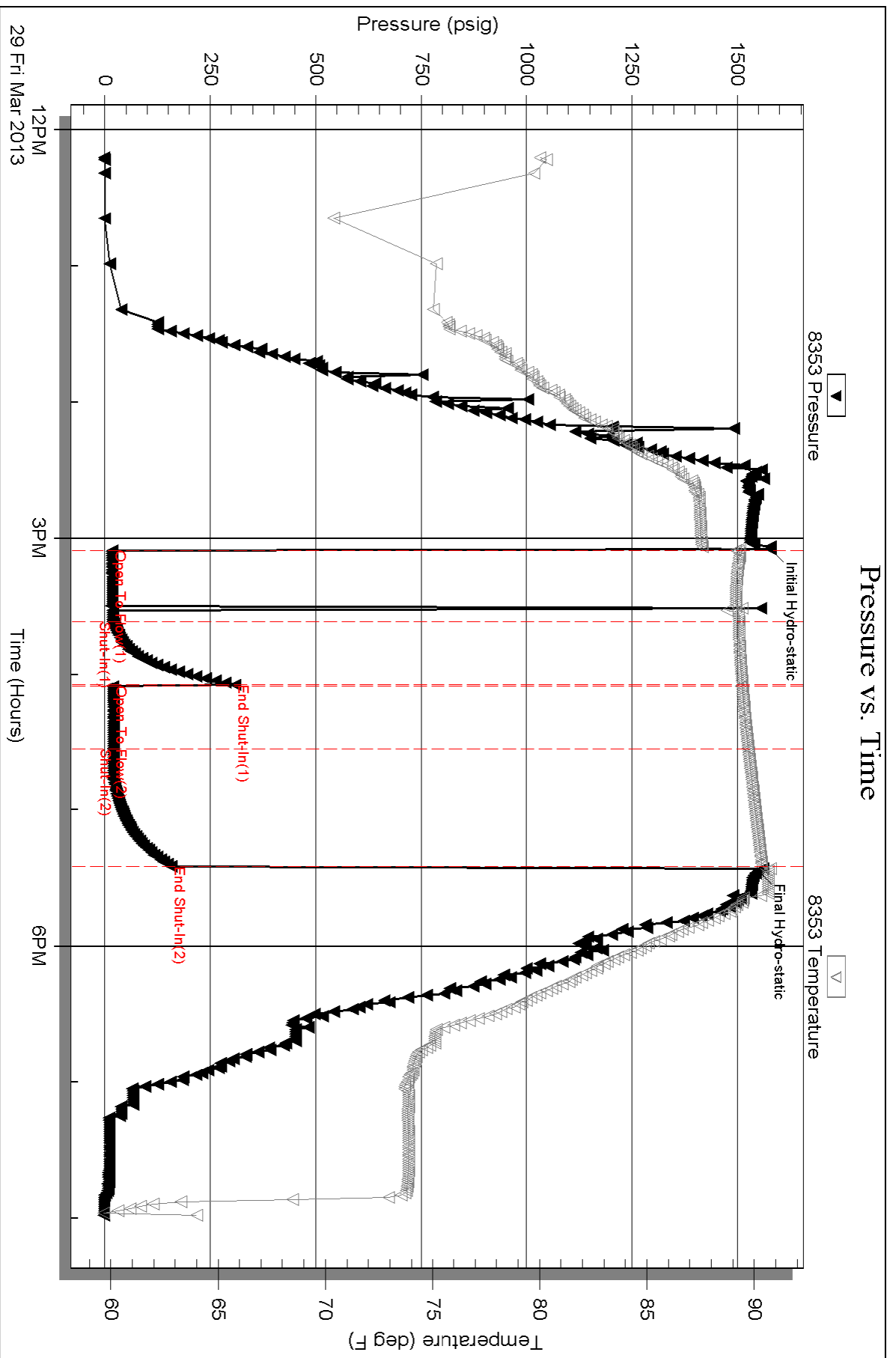
Total Length: 5.00 ft Total Volume: 0.025 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 8353

Outside Marexco Inc.

Summer #11-23

DST Test Number: 3



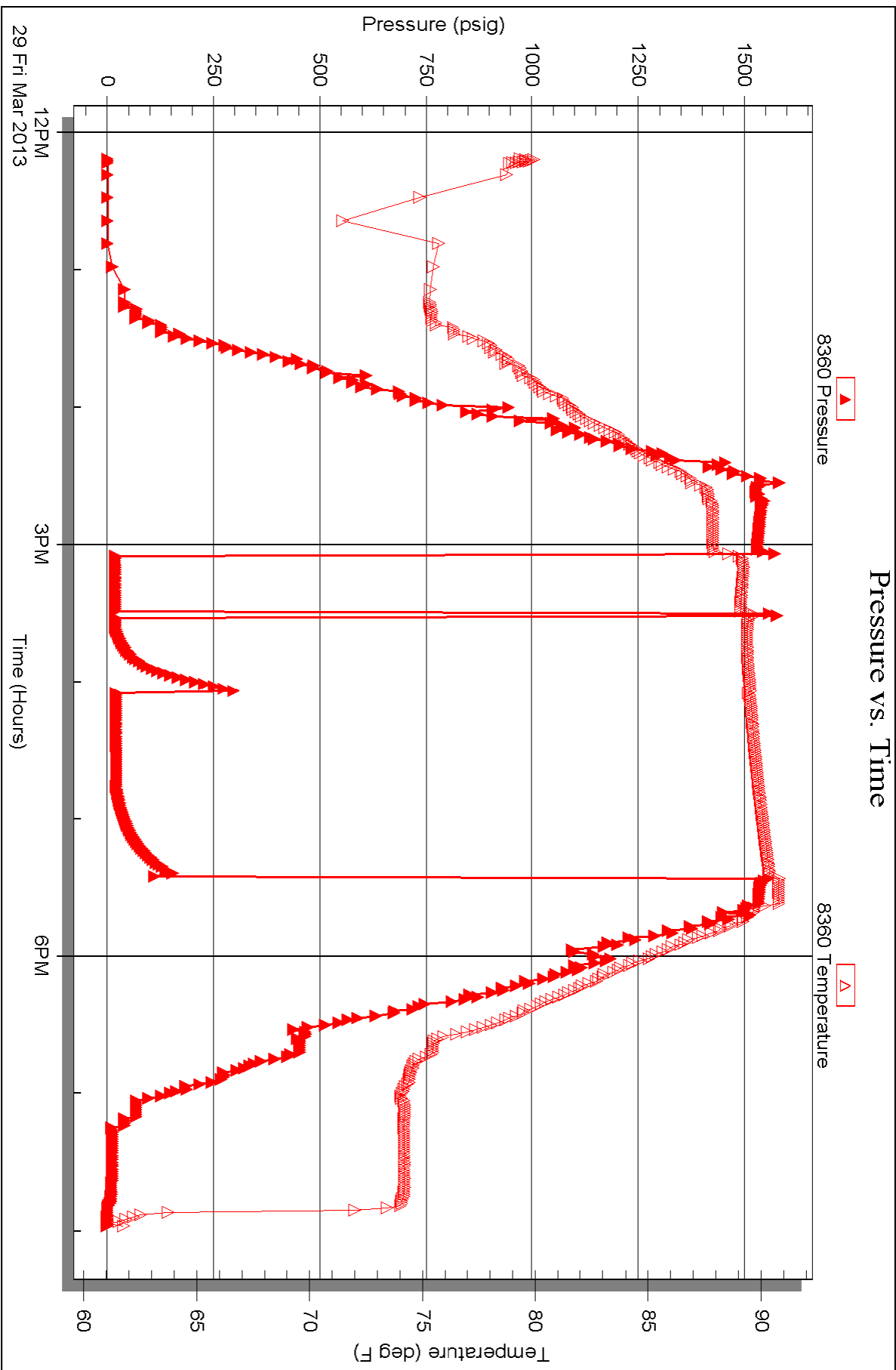
Serial #: 8360

Inside

Marexco Inc.

Summer #11-23

DST Test Number: 3





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50638

Well Name & No. Sumner 11-23 Test No. 1 Date 3-28-13
 Company Marxco Inc Elevation 2430 KB 2425 GL
 Address 3033 NW 63RD ST - STE 151 Oklahoma City OK
 Co. Rep / Geo. Scott Alberg Rig White Knight 1
 Location: Sec. 23 Twp. 1s Rge. 26W Co. Deeater State KS

Interval Tested 3190 3242 Zone Tested Lansing A
 Anchor Length 52 Drill Pipe Run 3185 Mud Wt. 8.8
 Top Packer Depth 3185 Drill Collars Run 0 Vis 62
 Bottom Packer Depth 3190 Wt. Pipe Run 0 WL 6.2
 Total Depth 3242 Chlorides 500 ppm System LCM 3

Blow Description IF; Surge Dredoff
ISL; No Blow
FF; No Blow
FSL; No Blow

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

(A) Initial Hydrostatic 1519 Test 1150 T-On Location 2:45
 (B) First Initial Flow 15 Jars 250 T-Started 3:05
 (C) First Final Flow 18 Safety Joint 75 T-Open 8:15
 (D) Initial Shut-In 663 Circ Sub NA 1.25h T-Pulled 10:30
 (E) Second Initial Flow 18 Hourly Standby 24hr 125 T-Out 12:55
 (F) Second Final Flow 20 Mileage ⁹³ 60RT
 (G) Final Shut-In 700 Sampler _____
 (H) Final Hydrostatic 1502 Straddle _____

Comments Was told they would be ready @ 3:15-3:30 they didn't start FOH until 3:10 during test fix main ch...
 Ruined Shale Packer
 Ruined Packer
 Extra Copies

Initial Open 15 Shale Packer _____
 Initial Shut-In 30 Extra Packer _____
 Final Flow 15 Extra Recorder _____
 Final Shut-In 30 Day Standby _____
 Accessibility Cat Walk Sub Total 1693

Approved By _____ 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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50639

Well Name & No. Sumner 11-23 Test No. 2 Date 3-28-13
 Company Marlaco Inc. Elevation 2430 KB 2425 GL
 Address 3033 NW 63rd St STE 151 Oklahoma City OK
 Co. Rep / Geo. Scott Alberg Rig White Knight 1
 Location: Sec. 23 Twp. 15 Rge. 26w Co. Decatur State KS

Interval Tested 3242 3267 Zone Tested Lan 'B'
 Anchor Length 25 Drill Pipe Run 3056 Mud Wt. 8.8
 Top Packer Depth 3237 Drill Collars Run 180 Vis 62
 Bottom Packer Depth 3242 Wt. Pipe Run 0 WL 6.2
 Total Depth 3267 Chlorides 500 ppm System LCM 3

Blow Description IF; Built to 3"
151; No Blow
FF; Built to 2 1/4"
FSI; No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>GMWCO "10' Free Oil"</u>	<u>5</u>	<u>40</u>	<u>12</u>	<u>40</u>
<u>60</u>	<u>OMCW</u>	<u>0</u>	<u>10</u>	<u>50</u>	<u>40</u>
<u>60</u>	<u>OWCM</u>	<u>0</u>	<u>10</u>	<u>20</u>	<u>70</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 140 BHT 92° Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1,553 Test 1150 T-On Location 19:05
 (B) First Initial Flow 32 Jars 250 T-Started 19:35
 (C) First Final Flow 63 Safety Joint 75 T-Open ~~20:10~~ 22:10
 (D) Initial Shut-In 819 Circ Sub NA T-Pulled 1:40
 (E) Second Initial Flow 65 Hourly Standby _____ T-Out 4:05
 (F) Second Final Flow 97 Mileage 60 RT 93 Comments _____
 (G) Final Shut-In 821 Sampler _____
 (H) Final Hydrostatic 1,526 Straddle _____

Initial Open 30 Shale Packer _____ Ruined Shale Packer _____
 Initial Shut-In 60 Extra Packer _____ Ruined Packer _____
 Final Flow 30 Extra Recorder _____ Extra Copies _____
 Final Shut-In 90 Day Standby _____ Sub Total 0
 Total 1568
 Accessibility Cat Walk MP/DST Disc't _____
 Sub Total 1568

Approved By [Signature] 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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50640

4/10

Well Name & No. Sumner 11-23 Test No. 3 Date 3-29-13
 Company Marxco Inc. Elevation 2430 KB 2425 GL
 Address 3033 NW 63rd ST STE 151 OKLAHOMA city OK
 Co. Rep / Geo. Scott Alberg Rig White Knight 1
 Location: Sec. 23 Twp. 1s Rge. 26w Co. Deceatur State KS

Interval Tested 3267 3286 Zone Tested Log 'C'
 Anchor Length 19 Drill Pipe Run 3149 Mud Wt. 9.0
 Top Packer Depth 3262 Drill Collars Run 120 Vis 56
 Bottom Packer Depth 3267 Wt. Pipe Run 0 WL 6.4
 Total Depth 3286 Chlorides 1500 ppm System LCM 3

Blow Description IF; Weak surface dried in 20min Flush at 25min mark
ISL; No Blow
FF; No Blow
FSL; No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</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 5 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1578 Test 1150 T-On Location 11:35
 (B) First Initial Flow 18 Jars 250 T-Started 12:12
 (C) First Final Flow 19 Safety Joint 75 T-Open 15:05
 (D) Initial Shut-In 308 Circ Sub NA T-Pulled 17:05
 (E) Second Initial Flow 19 Hourly Standby Loaded @ 5pm 3-30-13 T-Out 20:00
 (F) Second Final Flow 21 Mileage 60 RT X2 186 Comments _____
 (G) Final Shut-In 158 Sampler _____
 (H) Final Hydrostatic 1549 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 1661
 Accessibility Catwalk MP/DST Disc't _____
 Sub Total 1661

Approved By _____ Our Representative

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



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

INVOICE

Invoice # 257568

Invoice Date: 03/26/2013 Terms: 10/10/30,n/30

Page 1

MAREXCO, INC
3033 NW 63RD STREET, # 151
OKLAHOMA CITY OK 73116
(405) 286-5657

SUMNER 11-23
39402
23-15-26
03-23-2013
KS

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	240.00	17.6500	4236.00
1102	CALCIUM CHLORIDE (50#)	678.00	.8900	603.42
1118B	PREMIUM GEL / BENTONITE	452.00	.2500	113.00

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-495.24
9995-130	CEMENT EQUIPMENT DISCOUNT	-287.30

Description	Hours	Unit Price	Total
405 CEMENT PUMP (SURFACE)	1.00	1085.00	1085.00
405 EQUIPMENT MILEAGE (ONE WAY)	75.00	5.00	375.00
460 TON MILEAGE DELIVERY	1.00	1413.00	1413.00

BILLED MAR 28 2013
PAID APR 14 2013

Amount Due 8186.95 if paid after 04/25/2013

Parts:	4952.42	Freight:	.00	Tax:	325.38	AR	7368.26
Labor:	.00	Misc:	.00	Total:	7368.26		
Sublt:	-782.54	Supplies:	.00	Change:	.00		

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

INVOICE

Invoice # 257771

Invoice Date: 03/31/2013 Terms: 10/10/30,n/30 Page 1

MAREXCO, INC
3033 NW 63RD STREET, # 151
OKLAHOMA CITY OK 73116
(405) 286-5657

SUMNER 11-23
39383
23-15-26
03-31-2013
KS

Production String

Part Number	Description	Qty	Unit Price	Total
1126	OIL WELL CEMENT	205.00	22.5500	4622.75
1110A	KOL SEAL (50# BAG)	1025.00	.5600	574.00
4161	FLOAT SHOE 4 1/2" AFU	1.00	342.0000	342.00
4453	4 1/2" LATCH DOWN PLUG	1.00	276.0000	276.00
4129	CENTRALIZER 4 1/2"	8.00	46.0000	368.00
4103	CEMENT BASKET 4 1/2"	2.00	261.0000	522.00
4284	4 1/2" PORT COLLAR	1.00	1890.0000	1890.00
1144G	MUD FLUSH (SALE)	500.00	1.0000	500.00
1215	KCL SUB MB6875 CC3107	2.00	35.7000	71.40

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-909.48
9996-130	CEMENT MATERIAL DISCOUNT	-7.14
9995-130	CEMENT EQUIPMENT DISCOUNT	-428.18

Description	Hours	Unit Price	Total
405 CEMENT PSI CHARGES	1.00	2700.00	2700.00
405 EQUIPMENT MILEAGE (ONE WAY)	75.00	5.00	375.00
460 TON MILEAGE DELIVERY	1.00	1206.75	1206.75

pd on April 25th
BILLED APR 1 4 2013

this is the penalty amt.

Amount Due 14111.82 if paid after 04/30/2013

Parts:	9166.15	Freight:	.00	Tax:	597.53	AR	12700.63
Labor:	.00	Misc:	.00	Total:	12700.63		
Sublt:	-1344.80	Supplies:	.00	Change:	.00		

Bill this amt.

Signed _____ Date _____

Schippers Oilfield Services LLC

Invoice

RR 1 Box 90D
Hoxie, KS 67740

Date 4/15/2013
Invoice # 698

Phone # 785-675-8974 sosllc@ruraltel.net
Fax # 785-675-9938

Bill To
Marexco Inc 3033 NW 63rd Street Suite 151 Oklahoma City, Ok 73116

Ship To

P.O. # Summer 11-23
Terms Net 30

*Integrable
Completion*

Ship Date 4/16/2013
Due Date 5/15/2013
Other

Item	Description	Qty	Price	Amount
Cement	Common	270	15.50	4,185.00T
Pozmix		180	8.50	1,530.00T
Gel		15	26.00	390.00T
Handling of mater...	per sack	465	2.15	999.75
Mileage and labor		60	46.50	2,790.00
Pump truck charge	Tri-plex pump charge		1,250.00	1,250.00
Pump truck mileage	To and From Location	120	6.50	780.00
Light vehicle mile...	To and From Location	120	2.00	240.00

*Cement
2nd Stage*

*PAID 4/29/13
BILLED APR 19 2013*

TAKE 10% DISCOUNT IF PAID WITHIN 20 DAYS. DEDUCT FROM TOTAL.

Subtotal \$12,164.75
Sales Tax (7.3%) \$445.67
Total \$12,610.42
Payments/Credits \$0.00
Balance Due \$12,610.42

Schippers Oilfield Services LLC

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

May 23, 2013

Stephen W. Marden
Marexco, Inc.
3033 NW 63RD ST - STE 151
OKLAHOMA CITY, OK 73116

Re: ACO1
API 15-039-21167-00-00
Sumner 11-23
NW/4 Sec.23-01S-26W
Decatur 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,
Stephen W. Marden



CONSOLIDATED
Oil Well Services, LLC

257568

TICKET NUMBER 39402
LOCATION Oakley, KS
FOREMAN Walt Dunkel

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
3-23-13	5270	Summer 11-23	23	15S	26W	Decatur
CUSTOMER Marexco Inc			Oberlin			
MAILING ADDRESS			17E			
CITY			8N			
STATE			ES.			
ZIP CODE						
TRUCK #	DRIVER	TRUCK #	DRIVER			
405	Damon Miller					
460	Jordan Louden					

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH _____ CASING SIZE & WEIGHT 8 5/8 23#
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15.2 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING 15-20'
 DISPLACEMENT 15.4 DISPLACEMENT PSI 175 MIX PSI _____ RATE 5 BPM

REMARKS: Safety meeting, rig up on White Knight Drg, circ casing
on bottom
mixed 240 sks cem, 3% cc - 7% Gel, Displace w/ 65.4 BBL H₂O @
175 PSI, Shut in

Cement Did Circ

Approx 3 BBL to Bit

Thank You
Walt Dunkel

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1,085.00	1,085.00
5406	75	MILEAGE	5.00	375.00
11043	240 sks	class A Cement	17.65	4,236.00
1102	678 #	Calcium Chloride	1.89	1,281.42
1118B	452 #	Gel	1.25	565.00
5409A	11.28	Ton Mileage Delivery	167	1,883.76
				7,825.42
<u>Less: 10% Disc</u>				<u>7,042.88</u>
SALES TAX ESTIMATED				325.38
TOTAL				<u>7,368.26</u>

Completed

Rev 11/13/07

AUTHORIZATION Terry Austin TITLE _____ DATE _____

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.



CONSOLIDATED
Oil Well Services, LLC

257771

TICKET NUMBER 39383
LOCATION Oakley, KS
FOREMAN Kelly Ebel

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	
3-31-13	5270	Sumner 11-23	23	155	26 ^W	Decatur	
CUSTOMER		Oberlin		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS		17E		405	Damon M		
CITY		8N		460	MIKE		
STATE		E. S					
ZIP CODE							

JOB TYPE P Rod HOLE SIZE 7 7/8 HOLE DEPTH 3562 CASING SIZE & WEIGHT 4 1/2 10.5#
CASING DEPTH 3556 DRILL PIPE _____ TUBING PC top #40 OTHER PC @ 1872 #1
SLURRY WEIGHT 14² SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 23.64 (shoe)
DISPLACEMENT 56 DISPLACEMENT PSI _____ MIX PSI _____ RATE 6 bbl/min

REMARKS: safety meeting, rigged up on white knight drilling
Ran float equip. on 5T cent 2, 4, 7, 9, 11, 39, 93, 93
Baskets 2, 40 PC top #40 ran pipe to bottom & circulated for 1hr
pumped mud flush, 20 bbl KCL, mixed 30 SKS RT, mixed 175 SKS
OWC 5# Kol-seal down center, washed out pumps & lines, released
plug & displaced with 5 1/2 bbl water with a lift pressure of 700
plug landed @ 1200 #, released pressure, finished, rigged down.

*Thank You
Kelly & crew*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401P	1	PUMP CHARGE	2700 ⁰⁰	2700 ⁰⁰
5406	25	MILEAGE	5 ⁰⁰	375 ⁰⁰
1126	205 SKS	OWC	22.55	4622.75
110A	1025	Kol-seal	.56	574 ⁰⁰
5407A	9.63	Ton mileage delivery	167	1206.75
4161	1	4 1/2 AFU Floatshoe (I)	342 ⁰⁰	342 ⁰⁰
4453	1	4 1/2 Latchdown Assy/w Plug (I)	276 ⁰⁰	276 ⁰⁰
4139	8	4 1/2 Centralizer (I)	46 ⁰⁰	368 ⁰⁰
4103	2	4 1/2 basket (w)	261 ⁰⁰	522 ⁰⁰
4284	1	4 1/2 Post collar (I)	1890 ⁰⁰	1890 ⁰⁰
11446	500 gal	mud flush	1 ⁰⁰	500 ⁰⁰
1215	2 gal	KCL	357 ⁰⁰	714 ⁰⁰
				13,447.90
				1341.80
				12,103.10
			SALES TAX	597.53
			ESTIMATED TOTAL	12700.63

Completed

Level 1090

2:45 PM AUTHORIZATION [Signature] TITLE _____ DATE 3-31-13

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.

REMIT TO
RR 1 BOX 90 D
HOXIE, KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

№ 698

DATE 4-15-13	SEC.	RANGE/TWP.	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE Summer			WELL# 14-23			
			COUNTY		STATE	

CONTRACTOR	Green	OWNER			
TYPE OF JOB	Port Collar				
HOLE SIZE	T.D.	CEMENT	4500	6000	6800
CASING SIZE 4 1/2	DEPTH	AMONT ORDERED			
TUBING SIZE 3 1/2	DEPTH				
DRILL PIPE	DEPTH				
TOOL Port + Collar	DEPTH @				
PRES. MAX 1100psi	MINIMUM 200psi	COMMON	270	@ 15'	410'
DISPLACEMENT	SHOE JOINT	POZMIX	180	@ 8'	150'
CEMENT LEFT IN CSG.		GEL	15	@ 26'	700'
PERFS		CHLORIDE		@	
		ASC		@	
EQUIPMENT				@	
				@	
PUMP TRUCK				@	
# 1	Cady			@	
BULK TRUCK				@	
# 1	Way			@	
BULK TRUCK Pickup				@	
# Heath				@	
		HANDLING	46	@ 7'	770'
		MILEAGE	60	@ 40'	2700'
		TOTAL			

REMARKS	SERVICE	Top	5400	
Run tubing down to 2150' and circulate	DEPT OF JOB		@	
cut out at hole pull up to ...	PUMP TRUCK CHARGE		@	1200'
that backside to Kelly ...	EXTRA FOOTAGE		@	
collar and set circulation - mixed ...	MILEAGE	60x2	@ 650	7800'
shut down and washed pump and hole ...	MANIFOLD		@	
disp 5 bbl of H ₂ O clean out and ...	L VM	60x2	@ 7'	2400'
in to unions - shut down and washed ...	TOTAL			
set plug and come out of hole ...				

CHARGES TO:	Address
STREET	STATE
CITY	ZIP

PLUG & FLOAT EQUIPMENT	
	@