



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1072001
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: _____

1072001

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

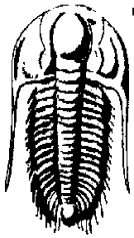
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD 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	Neal LaFon Realty Inc. dba Meridian Energy Inc.
Well Name	Eichman 2-A
Doc ID	1072001

Tops

Name	Top	Datum
Anhydrite	1622	+602
Topeka	3209	-985
Heebner	3415	-1191
Toronto	3433	-1209
Kansas City	3450	-1226
Base KC	3676	-1452
Conglomerate	3716	-1492
Arbuckle	3751	-1527



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Meridian Energy Inc
 1475 Ward Dr
 Franktown Co 80116 + 9405
 ATTN: Neal Lafon

5-10s-19w-Rooks
Eichman-2-A
 Job Ticket: 44862 **DST#: 3**
 Test Start: 2011.10.25 @ 09:30:13

GENERAL INFORMATION:

Formation: **LKC-E-F-G**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 11:04:13 Tester: Jeff Brown
 Time Test Ended: 16:01:13 Unit No: 44
Interval: 3529.00 ft (KB) To 3460.00 ft (KB) (TVD) Reference Elevations: 2223.00 ft (KB)
 Total Depth: 3560.00 ft (KB) (TVD) 2218.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8321

Inside

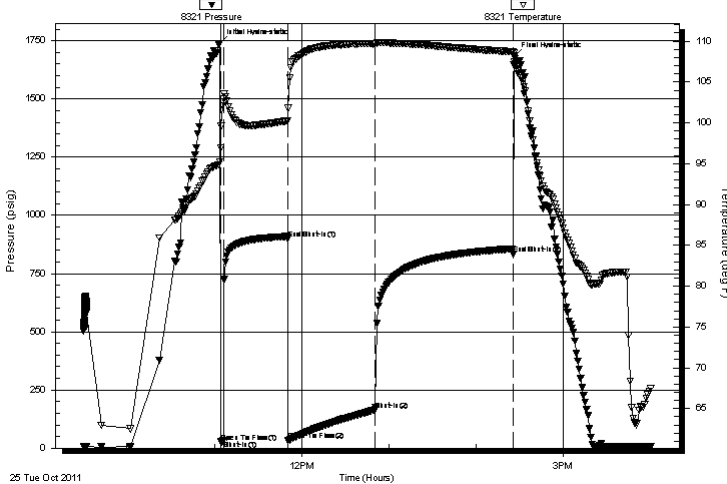
Press @ Run Depth: 164.85 psig @ 3532.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.10.25 End Date: 2011.10.25 Last Calib.: 2011.10.25
 Start Time: 09:30:14 End Time: 16:00:13 Time On Btm: 2011.10.25 @ 11:03:43
 Time Off Btm: 2011.10.25 @ 14:26:13

TEST COMMENT: IFP-Weak blow built to 2 1/4 in
 ISI-Weak surface blow back died out in 20 min
 FFP-Good blow BOB in 20 min
 FSI-Dead no blow back

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1739.59	95.21	Initial Hydro-static
1	26.71	96.88	Open To Flow (1)
3	32.54	102.97	Shut-In(1)
47	900.34	100.25	End Shut-In(1)
47	32.23	101.79	Open To Flow (2)
107	164.85	109.68	Shut-In(2)
202	832.90	108.70	End Shut-In(2)
203	1684.22	107.45	Final Hydro-static

Pressure vs. Time



Recovery

Length (ft)	Description	Volume (bbl)
105.00	MW With oil spots 20%M80%W	1.47
5.00	MCWO 5%M20%W75%O	0.07

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Meridian Energy Inc
1475 Ward Dr
Franktown Co 80116 + 9405
ATTN: Neal Lafon

5-10s-19w-Rooks
Eichman-2-A
Job Ticket: 44862 **DST#: 3**
Test Start: 2011.10.25 @ 09:30:13

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: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: inches			

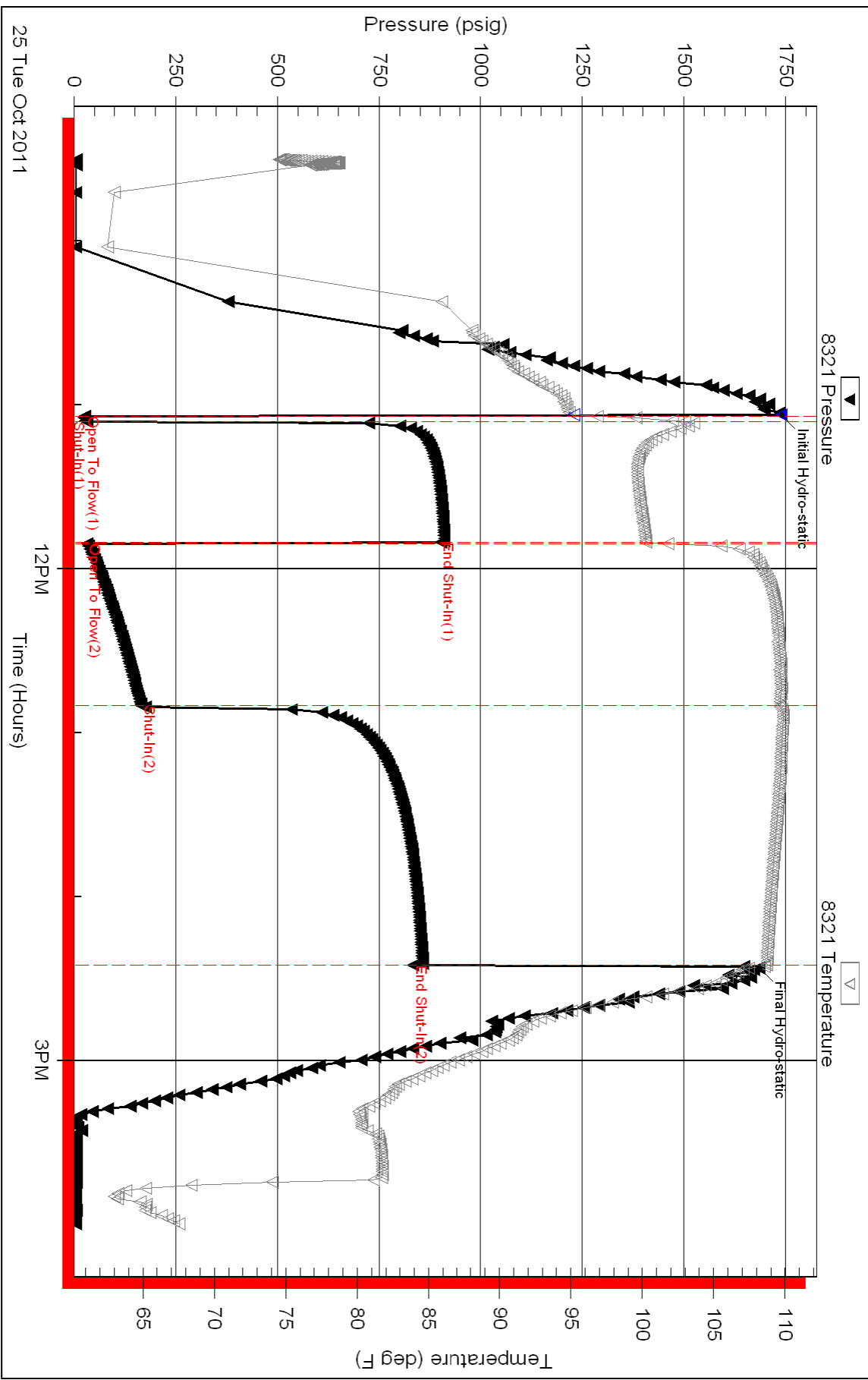
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
105.00	MW With oil spots 20%M80%W	1.473
5.00	MCWO 5%M20%W75%O	0.070

Total Length: 110.00 ft Total Volume: 1.543 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Meridian Energy Inc
1475 Ward Dr
Franktown Co 80116 + 9405
ATTN: Neal Lafon

5-10s-19w-Rooks

Eichman-2-A

Job Ticket: 44684

DST#: 5

Test Start: 2011.10.26 @ 16:14:53

GENERAL INFORMATION:

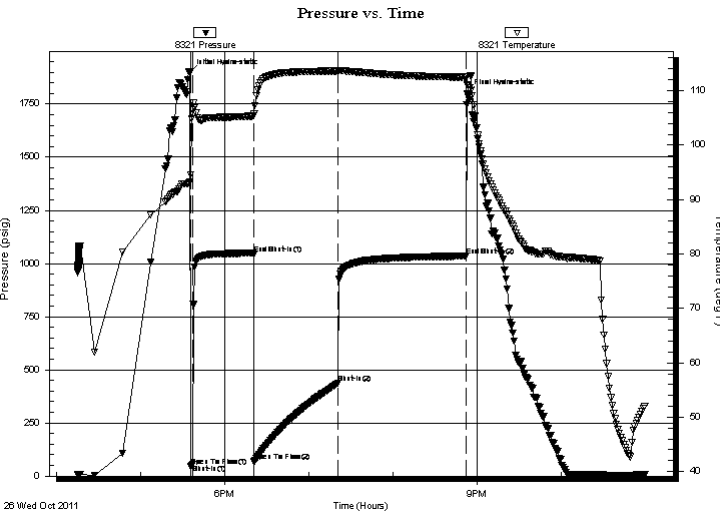
Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:35:23
 Time Test Ended: 23:00:53
 Interval: **3752.00 ft (KB) To 3765.00 ft (KB) (TVD)**
 Total Depth: 3765.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jeff Brown
 Unit No: 44
 Reference Elevations: 2223.00 ft (KB)
 2218.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8321

Inside

Press @RunDepth: 435.64 psig @ 3753.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.10.26 End Date: 2011.10.26 Last Calib.: 2011.10.26
 Start Time: 16:14:54 End Time: 22:59:53 Time On Btm: 2011.10.26 @ 17:34:53
 Time Off Btm: 2011.10.26 @ 20:52:53

TEST COMMENT: IFP-Fair blow built to 8 in
 ISI-Weak surface blow back built to 1/4 in
 FFP-Strong blow BOB in 3 1/2 min
 FSI-Weak surface blow built 1/4 in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1895.42	93.16	Initial Hydro-static
1	46.79	94.56	Open To Flow (1)
2	54.76	106.39	Shut-In(1)
46	1043.48	105.36	End Shut-In(1)
46	68.30	105.77	Open To Flow (2)
106	435.64	113.61	Shut-In(2)
197	1034.89	112.47	End Shut-In(2)
198	1798.39	111.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
252.00	MW with oil spots 5%M95%W	3.53
346.00	OCWM 20%M20%O60%W	4.85
378.00	Gassy Oil 10%G90%O	5.30
0.00	189-GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Meridian Energy Inc
1475 Ward Dr
Franktown Co 80116 + 9405
ATTN: Neal Lafon

5-10s-19w-Rooks
Eichman-2-A
Job Ticket: 44684 **DST#: 5**
Test Start: 2011.10.26 @ 16:14:53

Mud and Cushion Information

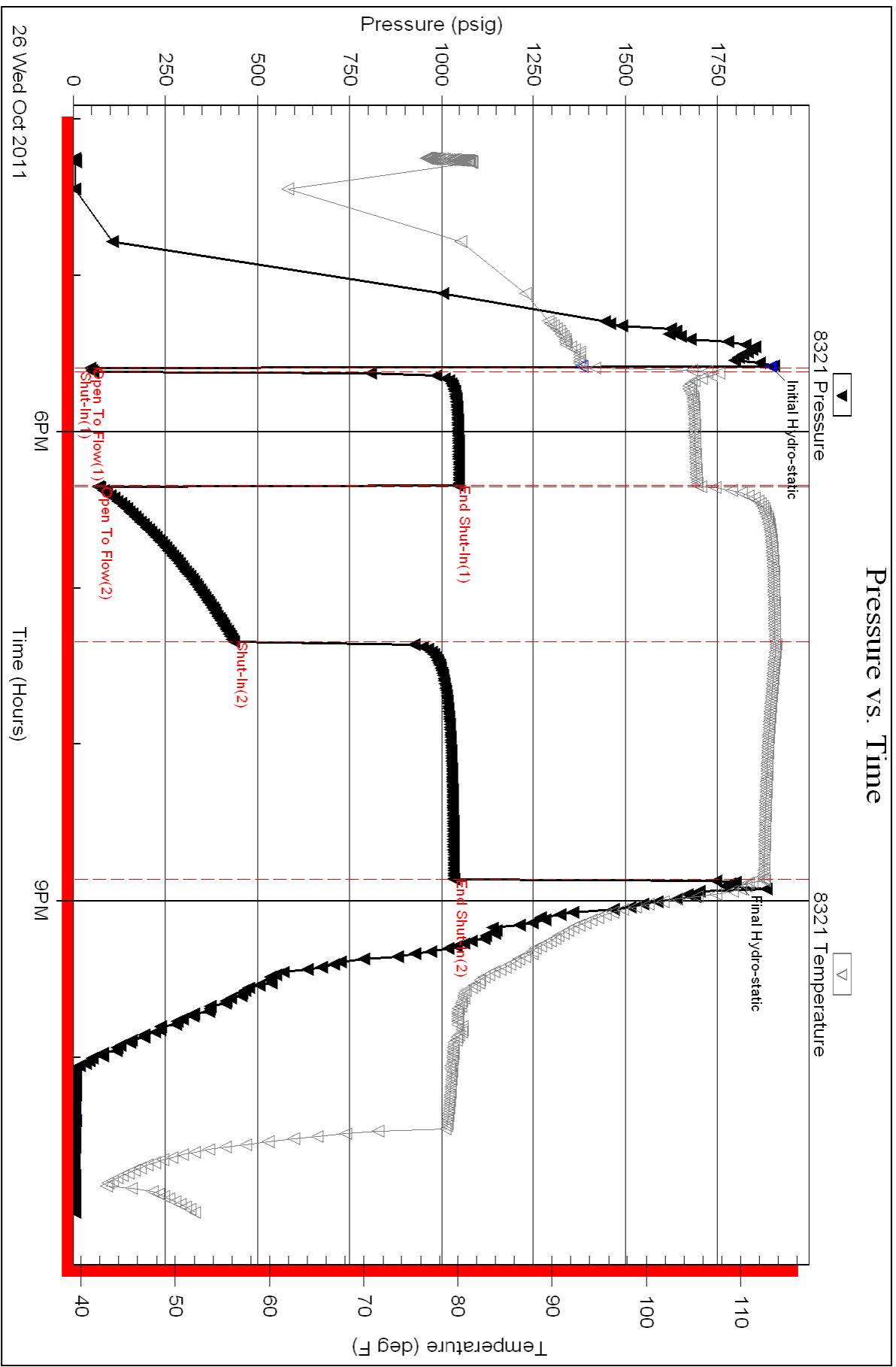
Mud Type: Gel Chem	Cushion Type:	Oil API: 24 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.99 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 5000.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
252.00	MW with oil spots 5%M95%W	3.535
346.00	OCWM 20%M20%O60%W	4.853
378.00	Gassy Oil 10%G90%O	5.302
0.00	189-GIP	0.000

Total Length: 976.00 ft Total Volume: 13.690 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Meridian Energy Inc
 1475 Ward Dr
 Franktown Co 80116 + 9405
 ATTN: Neal Lafon

5-10s-19w-Rooks

Eichman-2-A

Job Ticket: 44860

DST#: 1

Test Start: 2011.10.24 @ 05:44:47

GENERAL INFORMATION:

Formation: **Topeka**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:03:47
 Time Test Ended: 11:53:47
 Interval: **3358.00 ft (KB) To 3429.00 ft (KB) (TVD)**
 Total Depth: 3429.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jeff Brown
 Unit No: 44
 Reference Elevations: 2226.00 ft (KB)
 2218.00 ft (CF)
 KB to GR/CF: 8.00 ft

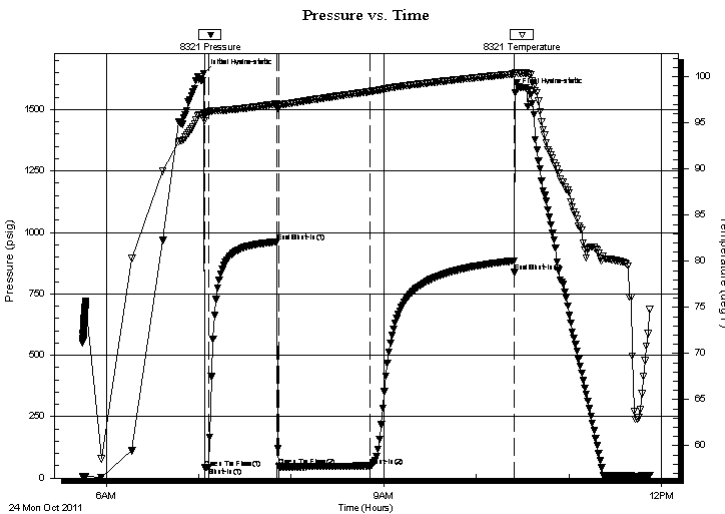
Serial #: 8321

Inside

Press @ Run Depth: 50.15 psig @ 3397.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.10.24 End Date: 2011.10.24 Last Calib.: 2011.10.24
 Start Time: 05:44:48 End Time: 11:52:47 Time On Btm: 2011.10.24 @ 07:03:17
 Time Off Btm: 2011.10.24 @ 10:25:17

TEST COMMENT: IFP-Weak blow built to 1 3/4 in
 ISI-Weak surface blow back Died out in 5 min
 FFP-Weak blow built to 1 in
 FSI-Dead no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1647.41	96.04	Initial Hydro-static
1	41.43	95.22	Open To Flow (1)
3	42.87	96.17	Shut-In(1)
48	961.21	97.08	End Shut-In(1)
49	46.28	96.93	Open To Flow (2)
108	50.15	98.39	Shut-In(2)
202	837.18	100.30	End Shut-In(2)
202	1567.48	100.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
31.00	V SOCM 2% O98%M	0.43

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Meridian Energy Inc

5-10s-19w-Rooks

1475 Ward Dr
Franktown Co 80116 + 9405

Eichman-2-A

Job Ticket: 44860

DST#: 1

ATTN: Neal Lafon

Test Start: 2011.10.24 @ 05:44:47

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:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
31.00	VSOCM 2% O98%M	0.435

Total Length: 31.00 ft Total Volume: 0.435 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8321

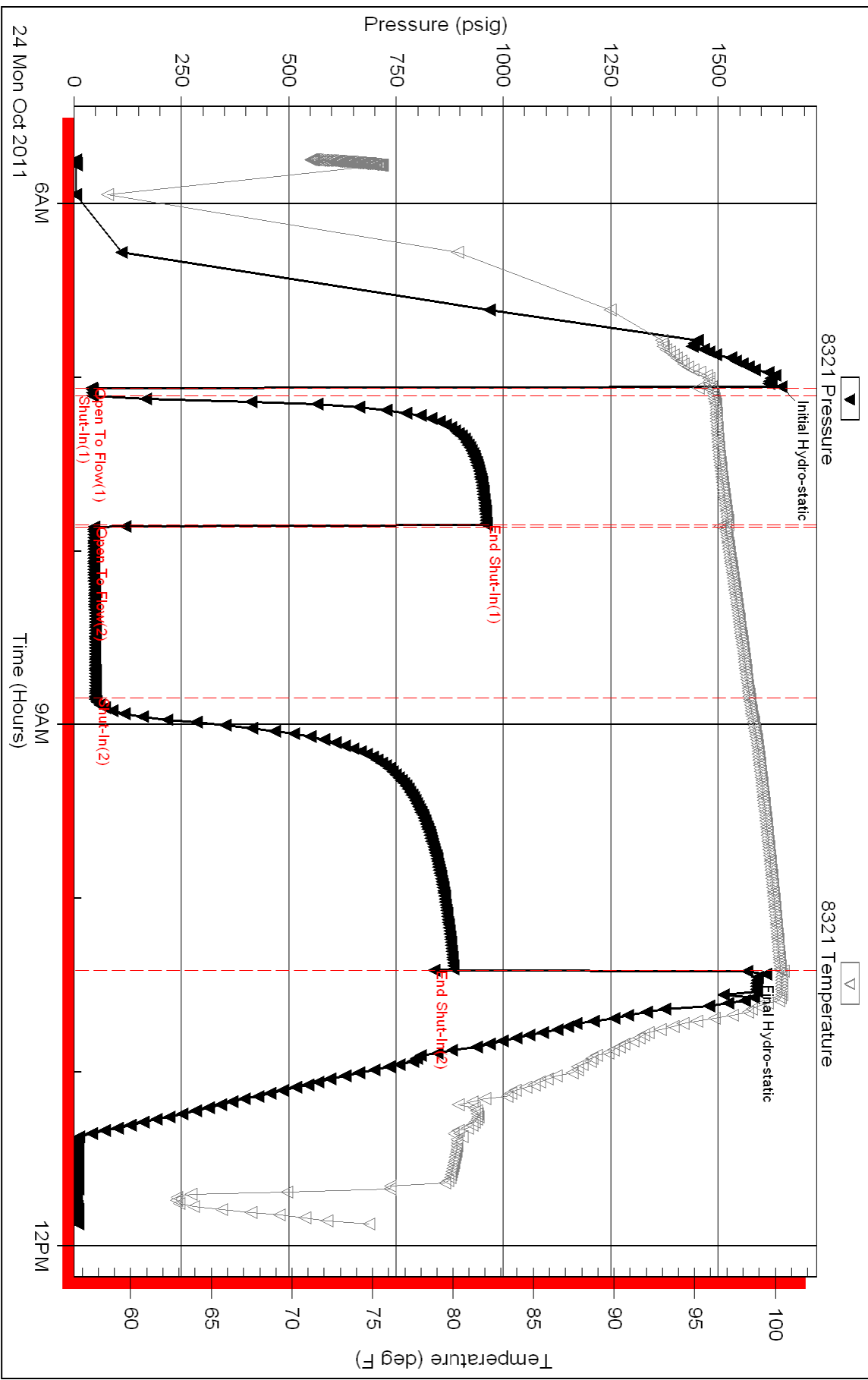
Inside

Meridian Energy Inc

Eichman-2-A

DST Test Number: 1

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 44860

Printed: 2011.10.24 @ 14:06:07



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Meridian Energy Inc
 1475 Ward Dr
 Franktown Co 80116 + 9405
 ATTN: Neal Lafon

5-10s-19w-Rooks
Eichman-2-A
 Job Ticket: 44861 **DST#: 2**
 Test Start: 2011.10.24 @ 21:16:33

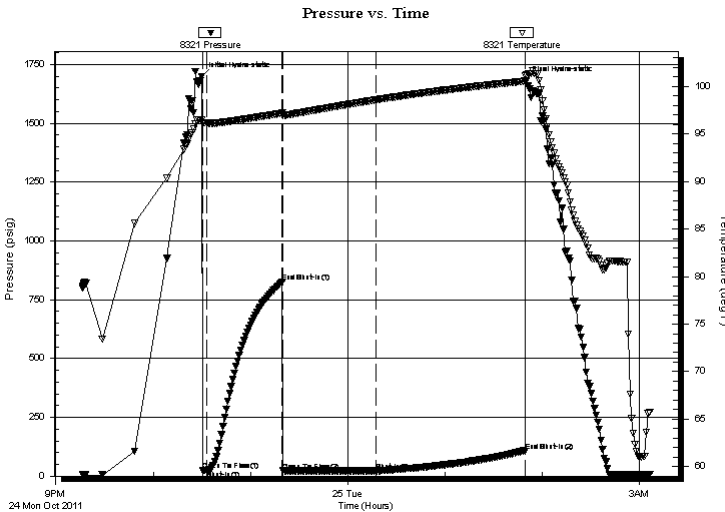
GENERAL INFORMATION:

Formation: **LKC-C&D**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 22:30:33 Tester: Jeff Brown
 Time Test Ended: 03:06:03 Unit No: 44
 Interval: **3477.00 ft (KB) To 3520.00 ft (KB) (TVD)** Reference Elevations: 2223.00 ft (KB)
 Total Depth: 3520.00 ft (KB) (TVD) 2218.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8321 Inside
 Press @ Run Depth: 22.23 psig @ 3513.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.10.24 End Date: 2011.10.25 Last Calib.: 2011.10.25
 Start Time: 21:16:34 End Time: 03:06:03 Time On Btm: 2011.10.24 @ 22:30:03
 Time Off Btm: 2011.10.25 @ 01:49:33

TEST COMMENT: IFP-Weak blow built to 1/8 in
 ISI-Dead no blow back
 FFP-Weak blow built to 1/4 in
 FSI-Dead no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1698.27	96.48	Initial Hydro-static
1	23.07	96.21	Open To Flow (1)
3	22.81	96.14	Shut-In(1)
50	824.35	97.19	End Shut-In(1)
50	22.23	96.92	Open To Flow (2)
108	22.23	98.60	Shut-In(2)
199	105.17	100.57	End Shut-In(2)
200	1682.52	101.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	OCM 10%O90%M	0.07

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Meridian Energy Inc

5-10s-19w-Rooks

1475 Ward Dr
Franktown Co 80116 + 9405

Eichman-2-A

Job Ticket: 44861

DST#: 2

ATTN: Neal Lafon

Test Start: 2011.10.24 @ 21:16:33

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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	OCM 10%O90%M	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8321

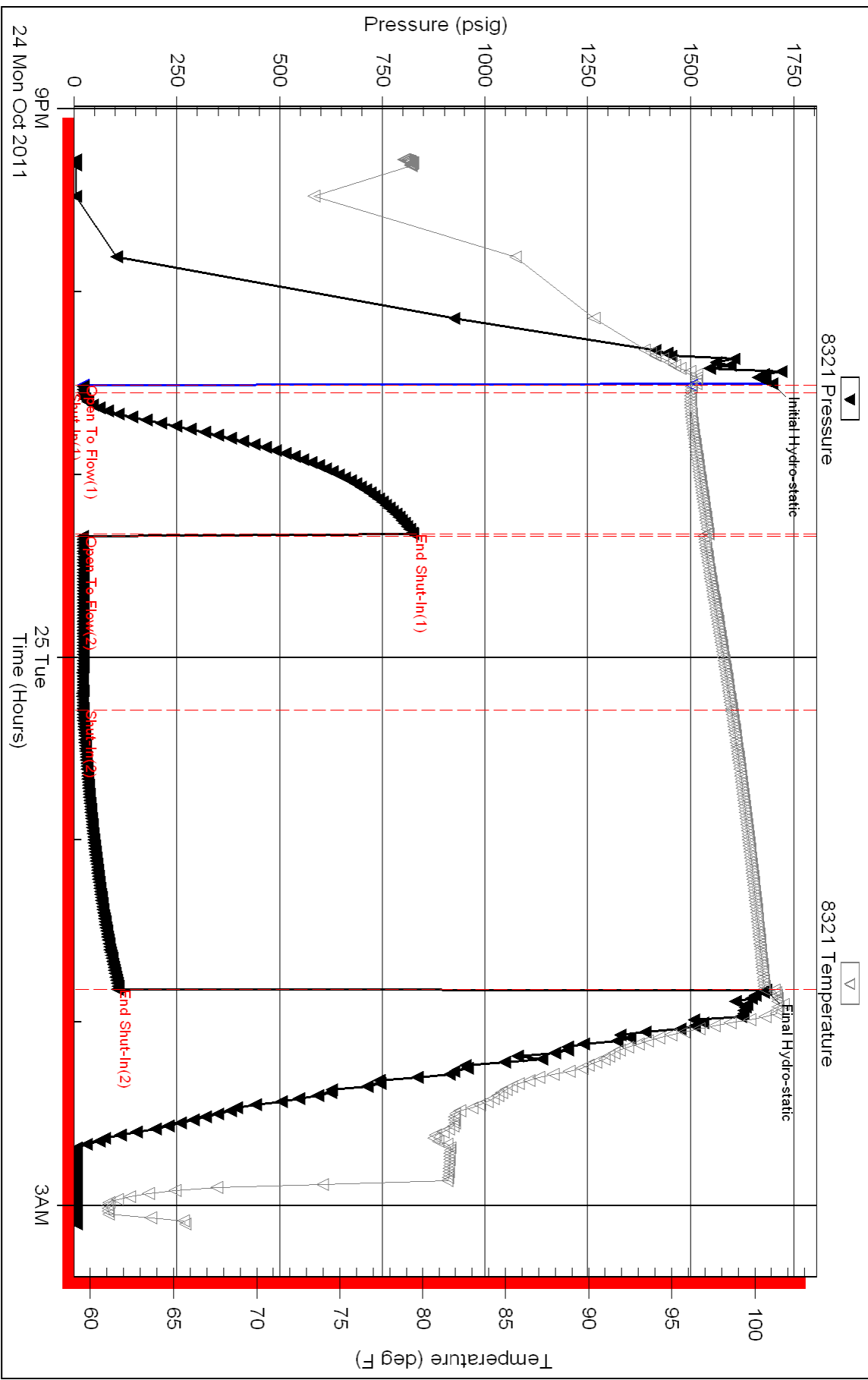
Inside

Meridian Energy Inc

Eichman-2-A

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 44861

Printed: 2011.10.25 @ 08:42:54



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Meridian Energy Inc
 1475 Ward Dr
 Franktown Co 80116 + 9405
 ATTN: Neal Lafon

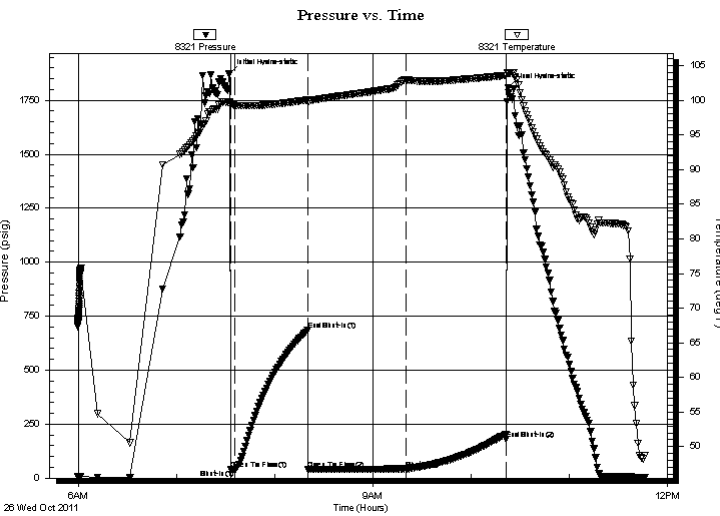
5-10s-19w-Rooks
Eichman-2-A
 Job Ticket: 44863 **DST#: 4**
 Test Start: 2011.10.26 @ 05:59:22

GENERAL INFORMATION:

Formation: **Conglom**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:32:52
 Time Test Ended: 11:47:22
 Interval: **3673.00 ft (KB) To 3745.00 ft (KB) (TVD)**
 Total Depth: 3745.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jeff Brown
 Unit No: 44
 Reference Elevations: 2223.00 ft (KB)
 2218.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8321 Inside
 Press @ Run Depth: 42.64 psig @ 3713.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.10.26 End Date: 2011.10.26 Last Calib.: 2011.10.26
 Start Time: 05:59:23 End Time: 11:46:22 Time On Btm: 2011.10.26 @ 07:32:22
 Time Off Btm: 2011.10.26 @ 10:22:22

TEST COMMENT: IFP-Weak blow built to 1/4 in
 ISI-Dead no blow back
 FFP-Dead no blow
 FSI-Dead no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1875.17	99.80	Initial Hydro-static
1	41.37	99.45	Open To Flow (1)
3	41.44	99.26	Shut-In(1)
48	684.79	100.05	End Shut-In(1)
48	40.92	99.74	Open To Flow (2)
108	42.64	102.92	Shut-In(2)
169	181.40	103.57	End Shut-In(2)
170	1806.58	103.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud with oil spots	0.07

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Meridian Energy Inc

5-10s-19w-Rooks

1475 Ward Dr
Franktown Co 80116 + 9405

Eichman-2-A

Job Ticket: 44863

DST#: 4

ATTN: Neal Lafon

Test Start: 2011.10.26 @ 05:59:22

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: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud with oil spots	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

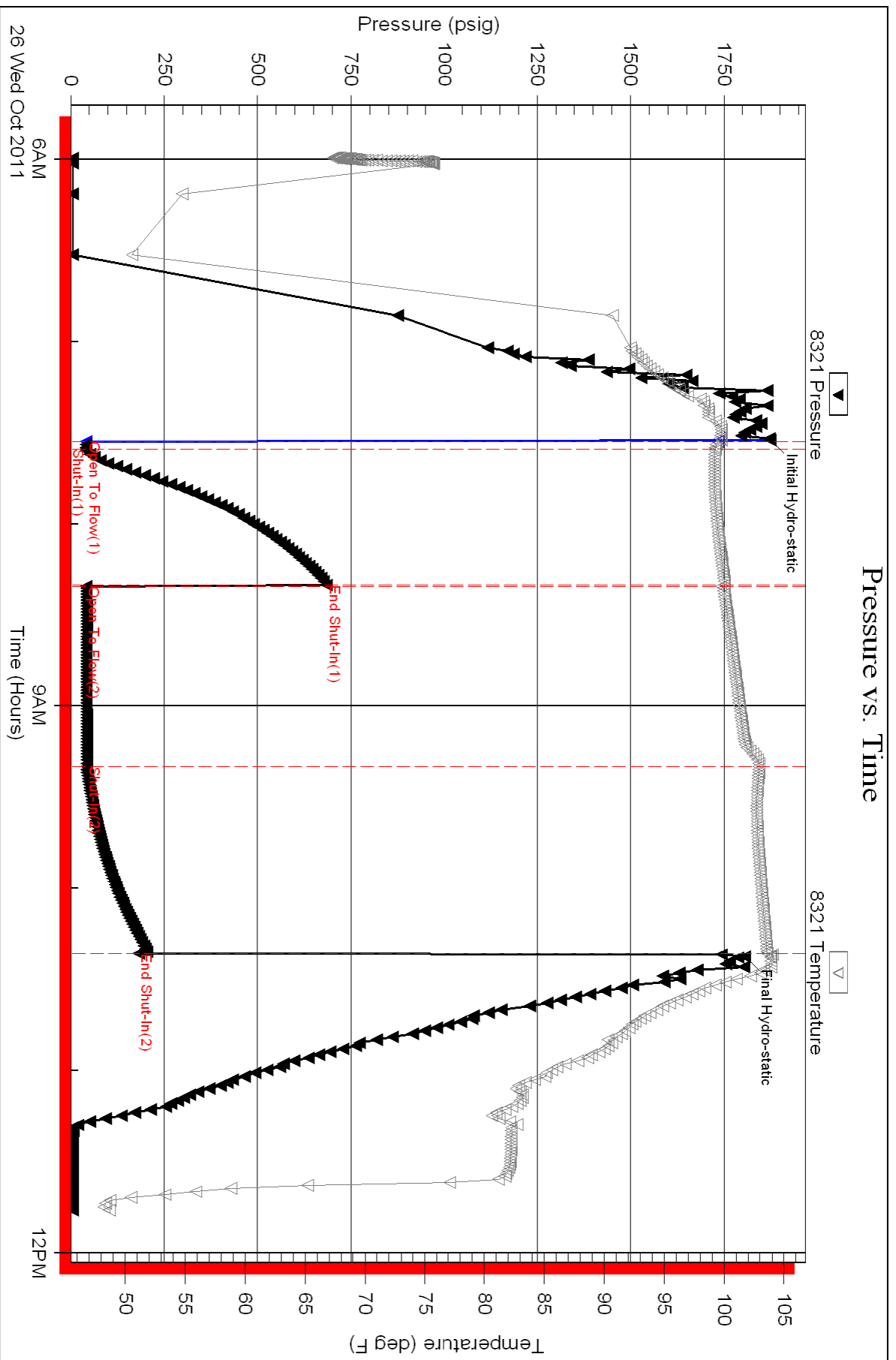
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



WELL REPORT

Well: Meridian Energy Inc. #2-A Eichman
NE NW NE Section 5
330' fnl x 1650 fel
T. 10 S., R. 19W.
Rooks County, Kansas

Elevation: GL 2218
KB 2224

Total Depth: Driller 3835 Logger 3834

Date spudded: 10/20/11

Date completed: 10/28/11

Drill Stem Test: 5 tests Topeka, Kansas City, Arbuckle dolomite

Results: Ran 5 1/2 inch csg

Drilling Contractor: Royal Drilling, Rig 2

Mud Contractor: Andy's Mud

Logs Run: Log-Tech- Dual Induction Log/ Neutron/Density/Microlog

Wellsite Geologist: Neal LaFon- Franktown, Colorado

FORMATION TOPS

Anhydrite	1622	+602
Topeka	3209	- 985
Heebner	3415	-1191
Toronto	3433	-1209
Kansas City	3450	-1226
Base KC	3676	-1452
Conglomerate	3716	-1492
Arbuckle	3751	-1527
Total Depth	3835	

SAMPLE DESCRIPTIONS
10' SAMPLES LAGGED AND CORRELATED BACK TO LOG

- Topeka Limestone** 3208-3230 Ls, gray, micro xtln-f xtln, hd, tt no show
 3232-3248 Ls, wt, vf xtln, sugary, soft, no show
 3256-3282 Ls, gray, micro xtln, hard, tt, no show
 3282-3300 Ls, wt, chalky, soft, no show
 3320-3330 Ls, gray-brn, micro xtln, tt, no show
 3330-3340 Ls, wt, micro xtln, hard, tt, no show
 3348-3350 Ls, gray, micro xtln, hard, tt, no show
 3362-3370 Ls, brn, vf xtln, sugary, v poor intergran por,
 bleeding oil PSFO -Show of oil. DST 1
- some, ls, wt, m granular, vug por, w gd-exc SFO,
 gd stn gd odor
- 3370-3395 Ls, wt, microxtln, hard, tt, no show
 3400-3414 Ls, a/a
- Toronto** 3432-3444 Ls, brn, vf xtln/sucrosic, hard, poor p and p, no
 show tr chalky.
- Kansas City** A 3450-3468 Ls, wt, oolitic, cherty, glassy. Some Ls, chalky
- One grn ls, brn, vvf sucrosic, sl fri, p-f por, sl stn, sl
 odor, SSFO, Show of oil
- B 3470-3478 Ls, wt, micro xtln, hard, tt, no show DST #2
- C 3490-3500 Ls, clear-lt brn, f xtln, pinpt vug por, lt stn, FSFO,
 tr bleeding, gd cut when crushed . Show of oil
 DST #2
- D 3506-3518 Ls, brn, m grainstone, vug and intergran por, lt stn,
 SSFO. One grn vf grn/sucrosic, hard, intergran
 por, lt stn SSFO. Show of oil DST #2
- E 3526-3530 Ls, wt, med xtln, scat pinpt vug por, stn FSFO, hard,
 poor por. Show of oil. DST #3
- F 3530-3540 Ls, lt brn, micro xtln, large isolated vugs w/stn,
 drizzly cmt, NSFO, one grn w/gd SFO, one grn m
 grnstn, intergran por, sl vuggy, gd stn GSFO. Show
 of oil DST #3

- G 3540-3570 Ls, wt, med xtln, hard, tt, no show**
Trace oolitic, intergran por, lt stn
Ls, st micro xtln, hard, tt, no show.
- H 3582-3596 Ls, dark gray-white, micro xtln, hard, tt, no show**
- I-J 3600-3630 Ls, wt, micro xtln, hard, tt, no show**
- K 3640-3652 Ls, wt, micro xtln- m xtln, hd, tt, no show.**
- L 3670-3675 Ls, a/a**
- Cong 3685-3700 Chert, yellow/orange, some tripolitic, w stn,**
bleeding oil on break, some dead stn, couple pieces
Ls, wt, med grstn, pin pt vug por lt stn FSFO.
DST # 4
- 3700-3730 Chert a/a, and tripolitic, abun dead oil**
stn/bitumen, DST #4
- Arbuckle 3750-3765 Dolo, clear, vf xtln, "sucrosic", inter gran por,**
stn, g-exc SFO on break, occasional vug por, gd
odor exc SO DST #5
- 3771-3800 Dolo, wt vf xtln, w scat por, scat stn, NSFO**
- Dolo, pink, hard, tt, no show, tr w/dd stn/bit few**
grns w/gd show (probably cavings)
- Dolo, wt, vf xtln, cemented, oil stn SSFO on**
fracture.
- 3800-3835 Dolo, f xtln, fair amt dead bit, hard, tt, no show.**

MUD RECORD

10/23/11	@3117	WT 8.6	VIS 62	WL 8.0	MC 1/32
10/24/11	@ 3429	WT 8.9	VIS 54	WL 8.8	MC 1/32
10/25/11	@ 3560	WT 9.1	VIS 48	WL 8.8	MC 1/32
10/26/11	@ 3745	WT 9.2	VIS 53	WL 8.0	MC 1/32
10/27/11	@3765	WT 9.2	VIS 50	WL 8.8	MC 1/32

DEVIATIONS

@ 233

1/2

DRILL STEM TESTS

Dst #1 3358-3429 OP 2 SI 45 OP 60 SI 90
Rec 31' VSOCM (2% O, 98% M)

FP 41-43 46-50
SIP 961-837
Packers held- good test

Dst #2 3477-3520 OP 2 SI 45 OP 60 SI 60
Rec: 5' OCM (10% O, 90% M)

FP 23-23 22-22
SIP 824-105
Packers held- good test

Dst #3 3529-3560 OP 2 SI 45 OP 60 SI 90
Rec: 105' MW w oil spots (85% W, 20% M)
5' MCWO (75% O, 20% W, 5% M)

FP 27-33 32-101
SIP 900-833
Rw .086 @ 72.5 - 92,000 ppm Chlorides
Packers held- good test

Dst #4 3673-3745 OP 2 SI 45 OP 60 SI 60
Rec: 5' M w/oil spots

FP 41-41 41-43
SIP 685-181
Packers held, good test

Dst #5 3752-3765 OP 2 SI 45 OP 60 SI 90
Rec: 378' GO (10% G, 90% O) 5.3 bbls -24 grav
346' OCWM (20% O, 60% W, 20% M) 4.85 bbl
252' MW w/oil spots (95% W, 5% M) 3.53 bbls

**FP 47-55 68-436
SIP 1043-1035**

**Rw .251 @ 42.5 - 48,000 ppm Chlorides
Packers held, good test**

COMMENTS

This well came in about 10 feet low to the discovery well to the west. As a result zones that tested oil in the offset were tight, with negative test results.

The Arbuckle tested some oil and water, pipe was sent to attempt completion.

ALLIED CEMENTING CO., LLC. 038323

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Russell KS.

DATE <u>10-30-2011</u>	SEC. <u>5</u>	TWP. <u>10 S</u>	RANGE <u>19 W</u>	CALLED OUT	ON LOCATION	JOB START <u>6:00 PM</u>	JOB FINISH <u>6:30 AM</u>
LEASE <u>Eichman</u>	WELL# <u>2-A</u>	LOCATION <u>Zurich 1 S 1 1/4 W 1/4 S</u>			COUNTY <u>Rooks</u>	STATE <u>KANSAS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Royal Dalg. Rig #1

TYPE OF JOB Cement Surface

HOLE SIZE 12 1/4 T.D. 220'

CASING SIZE 8 5/8 New DEPTH 220'

TUBING SIZE 20# CSG DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 300# MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

OWNER

CEMENT

AMOUNT ORDERED 150 sx Comm

3% CC

2% GEL

COMMON	<u>150</u>	@	<u>16.25</u>	<u>2437.50</u>
POZMIX		@		
GEL	<u>2</u>	@	<u>21.25</u>	<u>63.75</u>
CHLORIDE	<u>5</u>	@	<u>58.20</u>	<u>291.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>158</u>	@	<u>2.21</u>	<u>355.50</u>
MILEAGE	<u>111/16/16</u>			<u>990.60</u>
TOTAL				<u>4138.41</u>

DISPLACEMENT 13 BAL

EQUIPMENT

PUMP TRUCK CEMENTER Glenn

417 HELPER Woody

BULK TRUCK

378 DRIVER Ron

BULK TRUCK

DRIVER

REMARKS:

Ran 5 new ITS of 20# 8 5/8 CSG.
Set @ 220 Received Circulation
& Mixed 150 sx Comm, 3% cc, 2% gel
Displaced 13 BAL H₂O & Shut in
@ 300# Cement did
Circulate to Surface.

THANKS

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 1125.00

EXTRA FOOTAGE @

MILEAGE 57 @ 2.00 399.00

MANIFOLD @

Com 57 @ 4.00 228.00

CHARGE TO: Meridian Energy Inc. (Next Lafon Realty)

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 1752.00

PLUG & FLOAT EQUIPMENT

To Allied Cementing Co., 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 Doug Budig

SIGNATURE Doug Budig

_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
TOTAL _____			
SALES TAX (If Any) _____			
TOTAL CHARGES <u>5890.41</u>			
DISCOUNT <u>202</u> IF PAID IN 30 DAYS			



CHARGE TO
ADDRESS
MILLER ENERGY
CITY, STATE, ZIP CODE

TICKET
No 21116

PAGE 1 OF 2

SERVICE LOCATIONS
1. HAYS
2. NESS
3.
4. REFERRAL LOCATION

WELL/PROJECT NO. 2A
LEASE EICHMAN
WELL TYPE SERVICE SALES
CONTRACTOR
WELL CATEGORY
INVOICE INSTRUCTIONS

COUNTY/PARISH
LEWIS
RIG NAME/NO
ROYAL DICK
JOB PURPOSE
25WELL

STATE
KS
CITY
ZUBICH
WELL PERMIT NO.
KS-163-23985

DATE
10-27-11
ORDER NO.
55-10219

OWNER

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT							
575				MILEAGE 4112	410	MI			6.00	2460.00
575				Pump Service	1	EA			1850.00	1850.00
281				Liquorice	4	CH			25.00	100.00
281				Mudflow	5	CH			1.25	6.25.00
290				D-air	2	CH			35.00	70.00
403				Customerize	7	EA			70.00	490.00
403				Basist	3	EA			250.00	750.00
407				TRANSFORMER SHOP/HOURS/EA	1	EA			350.00	350.00
408				D.V. TOOL/EA	1	EA			3000.00	3000.00
413				Permit in States/EA	8	EA			40.00	320.00
417				D.V. CHECK/DRAWN/PAPER/EA	1	EA			200.00	200.00
419				Restroom Hours/EA	1	EA			200.00	200.00

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

X DATE SIGNED: 10-27-11 TIME SIGNED: 2:30 P.M.

SWIFT OPERATOR: Dave Hill

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? YES NO

WE UNDERSTOOD AND MET YOUR NEEDS? YES NO

OUR SERVICE WAS PERFORMED WITHOUT DELAY? YES NO

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? YES NO

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

TOTAL 16,116.04

Thank You!

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

APPROVAL

JOB LOG

SWIFT Services, Inc.

DATE 10-27-11 PAGE NO. 7

CUSTOMER MERIDIAN ENERGY WELL NO. 2-A LEASE EICHMAN JOB TYPE 2 STAGE TICKET NO. 21116

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2230							ON LOCATION CMT: BITTEN 12550 EA-2 TOP 200513 STD RTD 2235, SET PIPE 3200, SJ 2241, ENDSET 3798 5/8 15.5" I.D. OUT TOP * 53, 1500 FT CMT SJ, 2, 4, 6, 8, 10, S2 BASINS 7, 53, 73 ROTARY SCREWDRILL 40 FT JUMPS OUT 87, 92, 93, 94, 96
	0015							START CIRCULATION
	0130							DROP BALL, PICKUP
	0140							BREAK CIRC & ROTARY PIPE
	0245	5.0	12	-			300	500 GALS MUD FLUSH
			20	-				20 BBLs KEL FLUSH
			30.5	-				125 5/8 STD, EA-2 CMT DROP LD PLUG, WASHOUT PL
		5.0	0	-			300	START DISP 4" / 12"
			54	-				" " / MUD
			72	-				" " / KEL FLUSH
			80	-			450	
			85	-			600	
	0315		90.4	-			1400	LAND PLUG, RELEASE PSZ, DRY, DROP DV, OPENING DACT PLUG RH30, MH45
			7.5					OPEN DV
	0335			-			1000	
		5.0	86.0	-			200	155 5/8 STD CMT DROP DV, CLOSING PLUG
		5.0	0	-			300	START DISP
			30.0	-			500	
			26.0	-			900	CIRC GOOD CMT 30 SEC TO SET!
	0400		37.1	-			1300	LAND & CLOSE DV
	0445							JOB COMPLETE THANK YOU! DAVE JESABINOVA

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
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

January 19, 2012

Neal LaFon
Neal LaFon Realty Inc. dba Meridian Energy
Inc.
1475 WARD DR
FRANKTOWN, CO 80116-9405

Re: ACO1
API 15-163-23985-00-00
Eichman 2-A
NE/4 Sec.05-10S-19W
Rooks 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,
Neal LaFon