



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1176118
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: _____

1176118

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

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

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

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

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

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

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

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

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

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

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

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

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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WELL REPORT

Well: Meridian Energy Inc. #Feldkamp
E/2 E/2 W/2 Section 11
2640' fnl x 2310' fwl
T. 11 S., R. 18W.
Ellis County, Kansas

Elevation: GL 1930
KB 1937

Total Depth: Driller 3570 Logger 3570

Date completed: 6/17/13

Drill Stem Test: Three

Results: Run 5 1/2 csg to evaluate

Drilling Contractor: Royal Drilling, Rig 1

Mud Contractor: Andy's Mud

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

Wellsite Geologist: Neal LaFon- Franktown, Colorado

FORMATION TOPS

Anhydrite	1216	+721
Topeka	2900	- 963
Heebner	3120	-1183
Toronto	3140	-1203
Kansas City	3162	-1225
Arbuckle	3452	-1515
Total Depth	3570	

SAMPLE DESCRIPTIONS

10' SAMPLES LAGGED AND CORRELATED BACK TO LOG

Topeka Limestone 2900-2990 Samples not caught.
2990-3000 Ls, brn-wt, f xtl, soft, no show
3012-3062 Ls, wt, micro xtl, hd, tt, no porosity, no show
3062-3068 Ls, wt, f xtl, pinpt vug por, blk stn, dead NSFO
3068-3082 Ls, wt-gray, micro xtl, hd, tt, no show
3082-3092 Ls, brn, f xtl/granular, sl vug por, drizzly w/sl stn, fair odor, one piece
w/dead oil on brk, NSFO
3092-3120 Ls, gray-wt, micro xtl, hd, tt, no show

Toronto 3140-3156 Ls, wt, f xtl, pinpt vug por, v poor-f por, lt stn, sl odor on brk, NSFO
one piece w/gd SFO on brk, gd odor, mostly ls, wt micro xtl, hd, tt,
no show

Kansas City A 3162-3176 Ls, wt, f xtl, pinpt vug por, blk stn NSFO

B 3179-3190 tr Ls, wt f xtl, pinpt vug por, poor por, sl stn-dead stn PSFO- NSFO.

C 3194-3210 tr Ls wt, oolitic, tt, poor por, poor to SSFO on b rk, one pieve w/dead oil,
mostly Ls, wt, oolitic, hard, tt, no porosity, no show.

DST #1 A-C 3120-3210- 60' Mud

D 3214-3230 Ls, wt, f xtl, foss/some oolitic, hd, tt, some w/sl pin pt vug por, intergran
v lt stn, NSFO, fair amt dead bitumen in oomoldic por. Toward base ls, wt,
o xtl, hd, tt, no show.

E 3230-3246 Ls, wt, micro xtl, hd, tt, no show.

F 3248-3250 Ls, wt f-m xtl, vf intergran por, poor por, v lt stn NSFO.

G 3250-3284 Ls, wt, micro xtl, tt, no show, tr f-m grnstn, fair por barren.

H 3292- 3308 Ls, wt, micro xtl, hd, tt, no show. Tr f xtl, pinpt vug por, hd, poor por,
stn, poor SFO on brk, sl scum on cups

I 3318-3330 Ls, wt, microxtl, hd, tt, no por, no show one grn v patchy pinpt vug por,
oil, NSFO.

J 3332-3350 Ls, Wt, micro xtl, hd, tt, no show.

K 3358-3373 Ls, wt, f grnstn, intergran por, tr pinpt vug por, tr w/very lt stn NSFO,
most barren, poor por, tt.

L 3378-3399 Ls, wt-gray, micro xtl, tt, no show.

Cong 3405-3420 Chert, yellow, pink, some with bitumen, shale, red.

Simpson Dolomite 3435-3440 Dolo, wt, rextlized, tr por, SSFO, tr pyrite, green waxy shale,
one piece w/pinpt vug por, hvy blk stn, GSFO, fair amt green dolomite.

3440-3451 Sh, grn waxy

Arbuckle 3452-3460 Dolo, clear f xtl, blk stn, intergran por, looks pretty tt, GSFO, exc
odor, couple pieces very vug, oomoldic, exc p and p, full black oil
ESFO.

Dst #2 3389-3460 693' MW, 315' WM, 126' VSOCM, 1071' SOCMC

3460- 3470 Dolo, brn, hd, tt, no por, lt stn PSFO on brk vf xtl dense

DST #3 3465-3484 2079' MW, 189' GWM

3470-3480- Dolo, brn, f xtln, sucrosic, gd stn, some vug por, gd SFO on brk, oil droplets in cups. Fair amt with show.

3480-3490 Dolo, brn, f xtln, hd, tt, dense, no show, few pieces, granular vf xtln, soft, -gd por, blk stn, GSFO on brk, couple pieces f-m xtln a/a w/ show.

3490-3500 Dolo, wt, vf xtln, GSFO on brk, f-gd por, 75% barren dolo, oil scum on cups.

3500-3520 Dolo, brn-wt, f xtln, hd, tt, no show, no por, tr dolo, sucrosic with GSFO on brk. Out of show.

3530-3570 Dolo, wt, hd, tt, no por, no show, some pink dolo.

DST

Dst #1 3120-3210 2 45 60 90

FP 52-54 56-80

SIP 660-598

Rec 60' M

DST #2 3389-3460 2 45 45 60

FP 614-668 668-1016

SIP 1017-1017

Rec 693' MW (75W 25M)

315' WM (30W 70M)

126' VSOCM (50 85W 10M)

1071' SOCMW (50 85W 10M)

Dst #3 3465-3484 2 45 60 60

FP 580-650 694-1036

SIP 1037-1037

2079' MW (5M 95W)

189' GWM (15W 80M 5G)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

11-11s-18w
Feld camp #1
 Job Ticket: 53868 **DST#: 1**
 Test Start: 2013.06.15 @ 12:48:59

GENERAL INFORMATION:

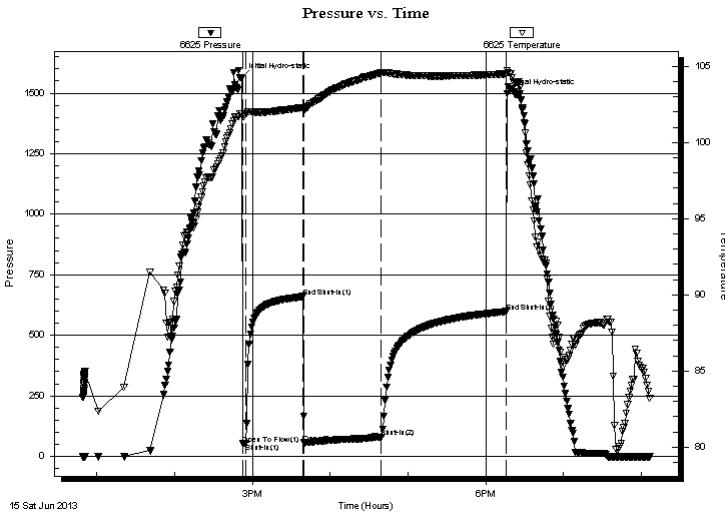
Formation: **Toronto-KC- A-C**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:52:29
 Time Test Ended: 20:09:59
 Interval: **3120.00 ft (KB) To 3210.00 ft (KB) (TVD)**
 Total Depth: 3210.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jeff Brown
 Unit No: 67
 Reference Elevations: 1937.00 ft (KB)
 1930.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6625 Outside

Press @ Run Depth: 79.89 psig @ 3189.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.06.15 End Date: 2013.06.15 Last Calib.: 2013.06.15
 Start Time: 12:49:00 End Time: 20:06:59 Time On Btm: 2013.06.15 @ 14:51:59
 Time Off Btm: 2013.06.15 @ 18:16:29

TEST COMMENT: IFP=Weak blow built to 1 in
 ISI=Dead no blow back
 FFP=Fair blow built to 5 3/4 in
 FSI=Dead no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1565.45	101.89	Initial Hydro-static
1	51.52	101.69	Open To Flow (1)
3	54.03	101.88	Shut-In(1)
47	660.04	102.30	End Shut-In(1)
48	55.68	102.22	Open To Flow (2)
108	79.89	104.60	Shut-In(2)
204	597.50	104.51	End Shut-In(2)
205	1497.83	104.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Mud with oil spots	0.84

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

11-11s-18w
Feld camp #1
Job Ticket: 53868 **DST#: 1**
Test Start: 2013.06.15 @ 12:48:59

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: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 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
60.00	Mud with oil spots	0.842

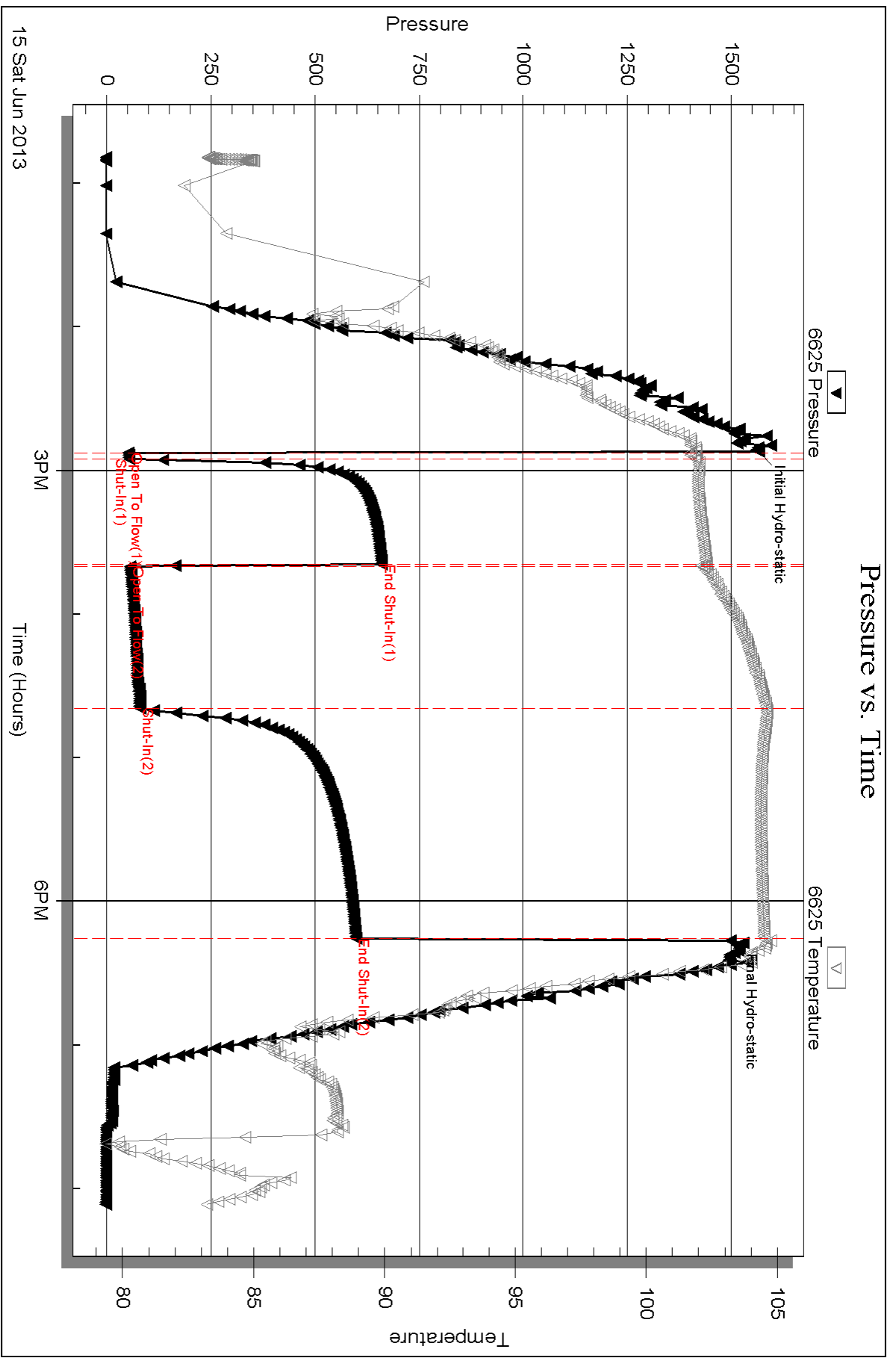
Total Length: 60.00 ft Total Volume: 0.842 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: 3000 MI Of total fluid
50 PSI
3000 MI of mud with oil spot

Serial #: 6625

Outside Neal Lafon Realty Inc

Field camp #1

DST Test Number: 1





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

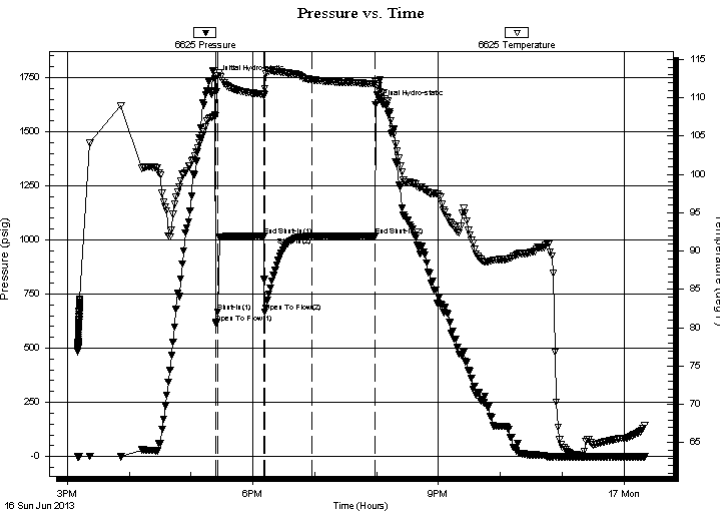
11-11s-18w
Feld camp #1
 Job Ticket: 53869 **DST#: 2**
 Test Start: 2013.06.16 @ 15:10:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:24:00
 Time Test Ended: 00:28:00
 Interval: **3389.00 ft (KB) To 3460.00 ft (KB) (TVD)**
 Total Depth: 3460.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jeff Brown
 Unit No: 67
 Reference Elevations: 1937.00 ft (KB)
 1930.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6625 Outside
 Press @ Run Depth: 1016.39 psig @ 3427.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.06.16 End Date: 2013.06.17 Last Calib.: 2013.06.17
 Start Time: 15:10:01 End Time: 00:20:00 Time On Btm: 2013.06.16 @ 17:23:30
 Time Off Btm: 2013.06.16 @ 19:59:00

TEST COMMENT: IFP=Stong blow BOB in 30 sec
 ISI=Dead no blow back
 FFP=Strong Blow BOB in 30 sec
 FSI=Dead no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1742.67	107.73	Initial Hydro-static
1	614.48	107.67	Open To Flow (1)
3	668.38	112.93	Shut-In(1)
47	1017.11	110.47	End Shut-In(1)
48	668.05	111.16	Open To Flow (2)
94	1016.39	112.35	Shut-In(2)
155	1016.95	111.82	End Shut-In(2)
156	1626.97	112.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
693.00	MW with a scum of oil 25%M 75%W	9.72
315.00	WM with a scum of oil 30%W 70%M	4.42
126.00	V SOCM 2%O 98%M	1.77
1071.00	SOCMW 10%M 5%O 85%W	15.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

11-11s-18w
Feld camp #1
Job Ticket: 53869 **DST#: 2**
Test Start: 2013.06.16 @ 15:10:00

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: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 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
693.00	MW with a scum of oil 25%M 75%W	9.721
315.00	WM with a scum of oil 30%W 70%M	4.419
126.00	VSOCM 2%O 98%M	1.767
1071.00	SOCMW 10%M 5%O 85%W	15.023

Total Length: 2205.00 ft Total Volume: 30.930 bbl

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

Laboratory Name: Laboratory Location:

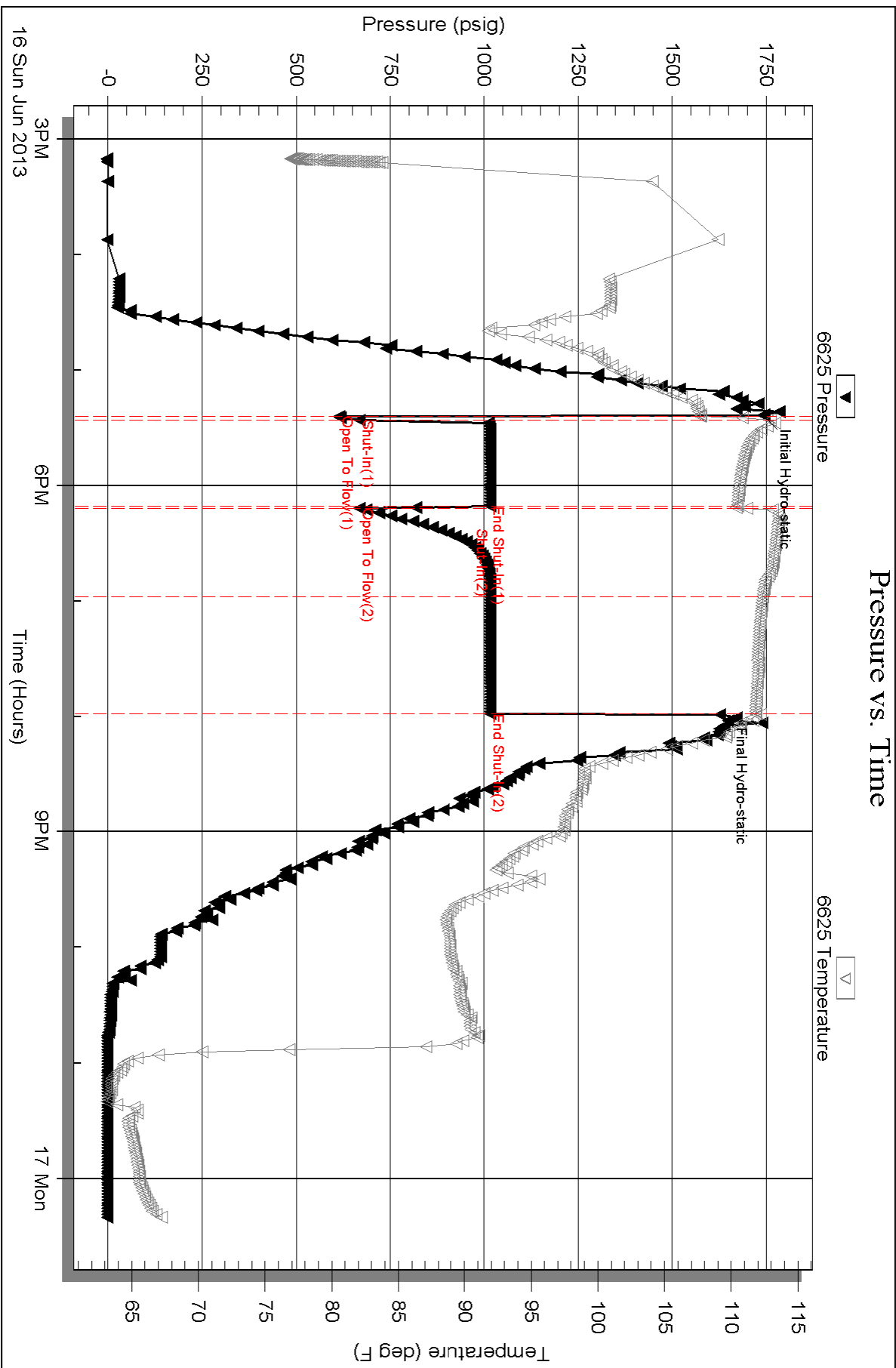
Recovery Comments: 4000 MI Of total Fluid
50 PSI
4000 MI Of Water

Serial #: 6625

Outside Neal Lafon Realty Inc

Field camp #1

DST Test Number: 2





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

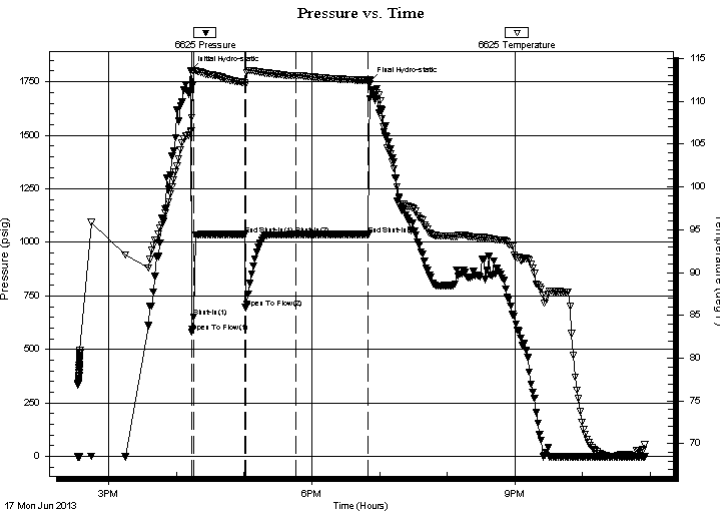
11-11s-18w
Feld camp #1
 Job Ticket: 53870 **DST#: 3**
 Test Start: 2013.06.17 @ 14:32:43

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 16:13:43
 Time Test Ended: 23:00:13
 Interval: **3465.00 ft (KB) To 3484.00 ft (KB) (TVD)**
 Total Depth: 3570.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Straddle (Reset)
 Tester: Jeff Brown
 Unit No: 67
 Reference Elevations: 1937.00 ft (KB)
 1930.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6625 Inside
 Press @ Run Depth: 1036.68 psig @ 3470.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.06.17 End Date: 2013.06.17 Last Calib.: 2013.06.17
 Start Time: 14:32:44 End Time: 22:55:13 Time On Btm: 2013.06.17 @ 16:13:13
 Time Off Btm: 2013.06.17 @ 18:51:13

TEST COMMENT: IFP=Strong blow BOB in 30 sec
 ISI=Dead no blow back
 FFP=Strong blow BOB in 15 sec
 FSI=Dead no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1803.17	106.59	Initial Hydro-static
1	580.97	108.11	Open To Flow (1)
3	650.26	113.49	Shut-In(1)
48	1037.29	112.13	End Shut-In(1)
48	694.78	111.98	Open To Flow (2)
93	1036.68	113.04	Shut-In(2)
157	1037.23	112.42	End Shut-In(2)
158	1751.17	112.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2079.00	MW with a scum of oil 5%M 95%W	29.16
189.00	GWM 5%G 15%W 80%M	2.65

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

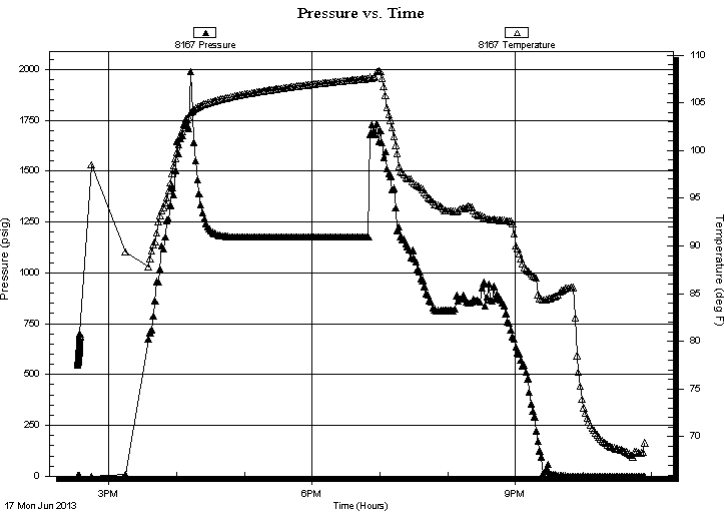
11-11s-18w
Feld camp #1
 Job Ticket: 53870 **DST#: 3**
 Test Start: 2013.06.17 @ 14:32:43

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Straddle (Reset)
 Time Tool Opened: 16:13:43 Tester: Jeff Brown
 Time Test Ended: 23:00:13 Unit No: 67
Interval: 3465.00 ft (KB) To 3484.00 ft (KB) (TVD) Reference Elevations: 1937.00 ft (KB)
 Total Depth: 3570.00 ft (KB) (TVD) 1930.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 7.00 ft

Serial #: 8167 Below (Straddle)
 Press @ Run Depth: psig @ 3502.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.06.17 End Date: 2013.06.17 Last Calib.: 2013.06.17
 Start Time: 14:32:16 End Time: 22:54:45 Time On Btm:
 Time Off Btm:

TEST COMMENT: IFP=Strong blow BOB in 30 sec
 ISI=Dead no blow back
 FFP=Strong blow BOB in 15 sec
 FSI=Dead no blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
2079.00	MW with a scum of oil 5%M 95%W	29.16
189.00	GWM 5%G 15%W 80%M	2.65

Gas Rates

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

* Recovery from multiple tests



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TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

11-11s-18w
Feld camp #1
Job Ticket: 53870 **DST#: 3**
Test Start: 2013.06.17 @ 14:32:43

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: 9.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 13000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2079.00	MW with a scum of oil 5%M 95%W	29.163
189.00	GWM 5%G 15%W 80%M	2.651

Total Length: 2268.00 ft Total Volume: 31.814 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: 4000 Ml of total fluid
 150 PSI
 4000 ML of Water

Serial #: 6625

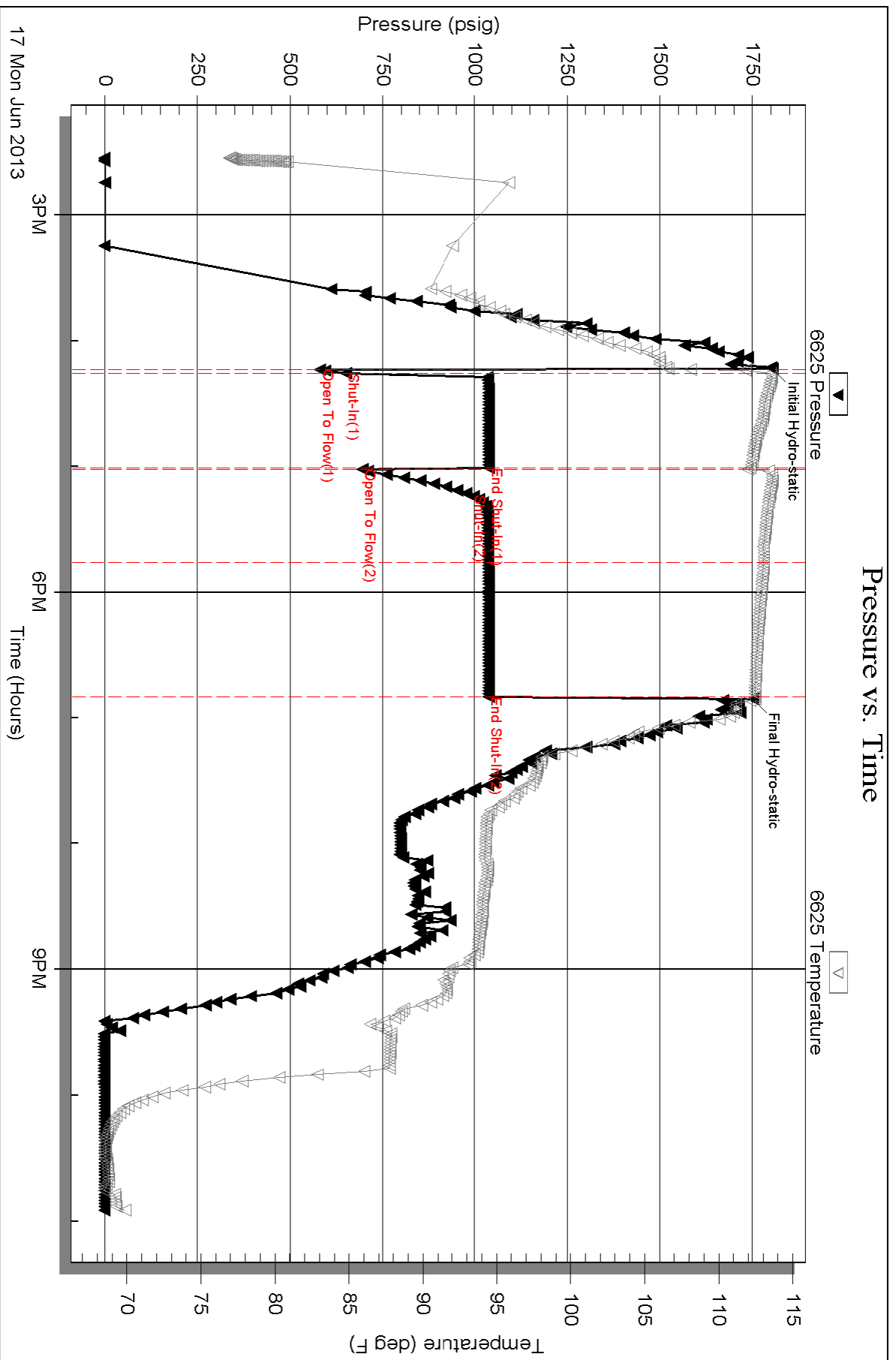
Inside

Neal Lafon Realty Inc

Field camp #1

DST Test Number: 3

Pressure vs. Time

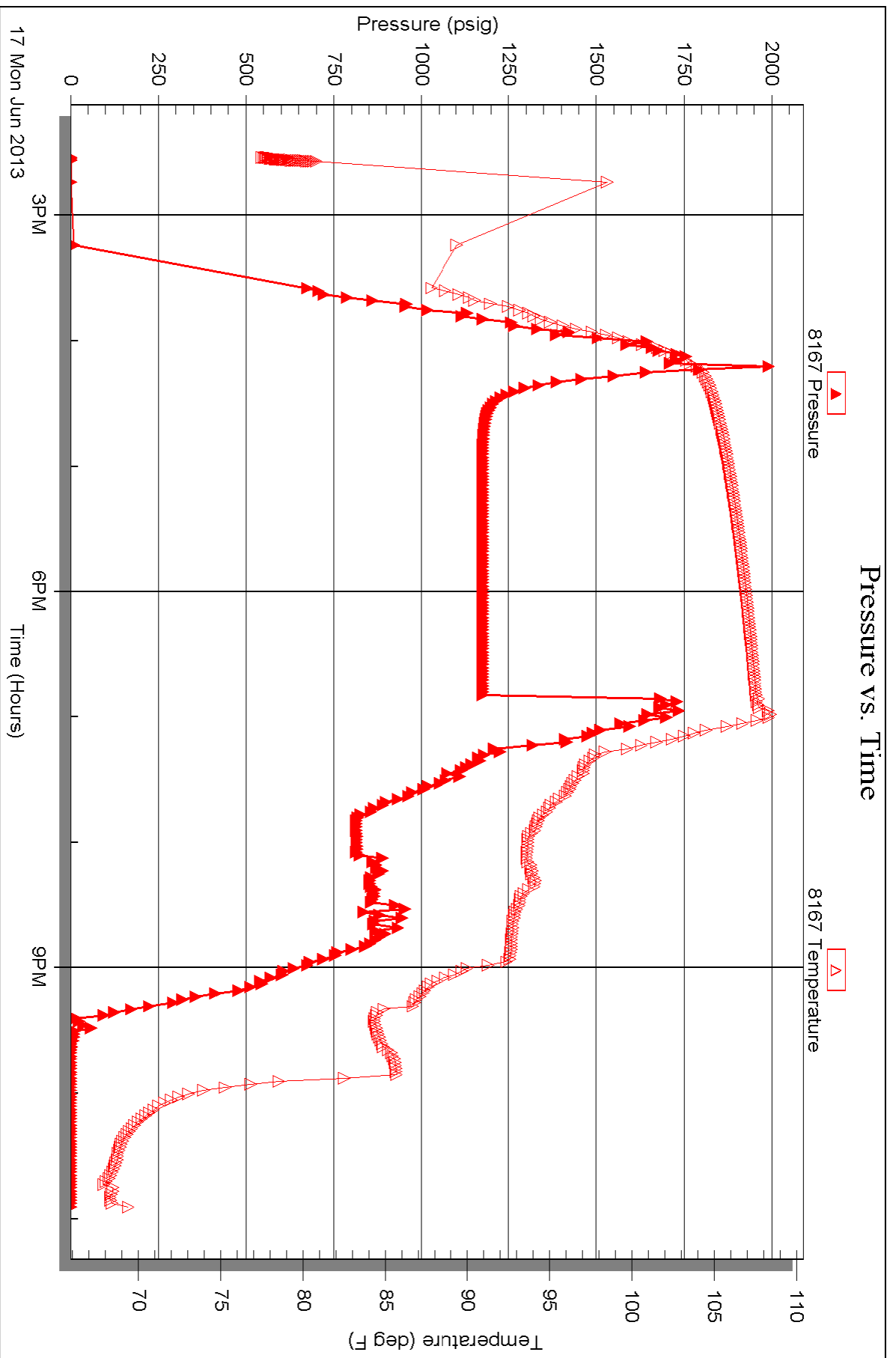


Serial #: 8167

Below (Stratfield) Realty Inc

Field camp #1

DST Test Number: 3





Services, Inc.

CHARGE TO
 ADDRESS
 Meridian Oil

TICKET
 No 24781

CITY, STATE, ZIP CODE

PAGE 1 OF 2

1 SERVICE LOCATIONS Hays, KS	WELL/PROJECT NO. #1	LEASE Feltcamp	COUNTY/PARISH Ellis	STATE KS	CITY	DATE 6-15-13	OWNER
2 NESS CITY, KS	TICKET TYPE SERVICE	CONTRACTOR Royal Drk	RIG NAME/NO.	SHIPPED VIA CT	DELIVERED TO M/Hays, KS	ORDER NO.	
3	WELL TYPE DR1	WELL CATEGORY in Field	JOB PURPOSE Cement Kongsbras		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 # 113	20	mi			600	12000
579		1			Heavy Charge - Cont 2-Stage	1	ea	35	ft	20000	20000
821		1			Liquid KLL	4	gal			2500	10000
881		1			Mud Flush	5	gal			125	62500
890		1			D-Aids	4	gal			4200	16800
402		1			Cementalizers	8	ea			7000	56000
403		1			Cement Basket	1	ea			28500	28500
407		1			Tussard Ebor shoe w/ 4th fill	1	ea			37500	37500
408		1			D.W. Tool & Set	1	ea			33000	33000
417		1			D.W. Lubrication Pump & Battle	1	ea			22000	22000
419		1			Rotating Head Racks	1	ea			20000	20000

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: 6-15-13
 TIME SIGNED: 0900
 SIGNATURE: Jeff Crawford
 A.M.
 P.M.

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

SURVEY		AGREE	UN-DECIDED	DIS-AGREE	UNIT PRICE	AMOUNT
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?	<input type="checkbox"/> YES	<input type="checkbox"/> NO				
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND						
PAGE TOTAL						7933.00
TOTAL						17123.46

Thank You!

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

SWIFT OPERATOR
 APPROVAL



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 24781

CUSTOMER Wendell D. J. WELL #1 El Hump DATE 10-18-13 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL				UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY.	UM	QTY.	UM		
385		2				Structure Cement	150	SKS	1400	lbs		210000
276		2				Flare	38	lbs	200			7600
283		2				Salt	750	lbs	20			15000
284		2				Calseal	705	lbs	350			24500
286		2				Halod-1	71	lbs	800			56800
332		2				SUD Cement	202	SKS	1700	lbs		340000
276		2				Flare	50	lbs	200			10000
581		2				Service Charge						200
583		2				Mileage Charge						100

CONTINUATION TOTAL 84105.98

JOB LOG

SWIFT Services, Inc.

DATE 10-18-13 PAGE NO. 1

CUSTOMER Meridian Oil WELL NO. #1 LEASE Feltsoup JOB TYPE Cement Longstring TICKET NO. 24781

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0130					14 3/4"	5 1/2"	ID-3570 DN loc - Float Equip R ₅ LDDP Went on ladder for 8 5/8 collar
	0630							Start 5 1/2" casing to 3568.42' Insert float shoe w/ auto fill 1 D-DV Baffle @ 3526.84 - SJ 42.42' Cent. 1-3-5-7-9-11-13-55 Cement Bucket #56 Pin and D.V. #56 Collar @ 1233.28' Drop fill-up ball - 5 Jts out Fin run casing - Tag Bottom Rig circulate / Rotate Fin CIR - Start 1st Stage
	0815	5					200	Pump 500 gal Mud flush
	0930	6					250	Pump 20 BBI KCL flush
		4					200	Start 150 SKS ER-2 out
							Vac	Fin out - Wash Pump & Lines Drop D.V. Latch Down Plug
		9					300	Start Displ
		6	600				400	Cement 1st - slow rate
		6	80				600	slow rate
	1005		86				800	Plug Down - Hold - Release & hold
			8				150	Drop D.V. operating Device
		4						Plug Rtl-30 SKS SWD - Rtl-20 SKS SWD out
		5					1000	Open D.V. for 2nd Stage - KCL flush
							200	Good Circulator - Start 150 SKS SWD out @ 11.2 gpm
			85					Fin SWD out @ 12.15 gpm
		5						Drop D.V. Closing Plug
	11:00		30				1st	Start Displ
							500	Plug Down - D.V. closed - Release & hold
							150	Job Complete
								Wash up & Packup
								Thompson Don, Jon & Isaac
	12:00							

ALLIED OIL & GAS SERVICES, LLC 056620

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Russell, KS

DATE <u>6.11.13</u>	SEC. <u>11</u>	TWP. <u>11</u>	RANGE <u>18</u>	CALLED OUT	ON LOCATION	JOB START <u>12:00 pm</u>	JOB FINISH <u>1:00 pm</u>
LEASE <u>Feldkamp</u>	WELL # <u>1</u>	LOCATION <u>Hays, KS</u>			COUNTY <u>Chas</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)		<u>n to Sabine river rd. 3/4 e n into</u>					

CONTRACTOR Royal Drilling Inc. OWNER _____

TYPE OF JOB Surfaces

HOLE SIZE 12 1/4 T.D. _____ CEMENT _____

CASING SIZE 8 5/8 DEPTH 220' AMOUNT ORDERED 170sk class A

TUBING SIZE _____ DEPTH _____ 21 gal 31 cc

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____ COMMON 170 sk @ 17.90 \$3,045.00

MEAS. LINE _____ SHOE JOINT 15' POZMIX _____ @ _____

CEMENT LEFT IN CSG. 15' GEL 3 sk @ 23.40 \$70.20

PERFS. _____ CHLORIDE 4 cc @ 64.00 \$384.00

DISPLACEMENT 13.49 ⁵⁴ / ₁₁₀ ASC _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER Tony P.

409 HELPER Nathan

BULK TRUCK _____ @ _____

410 DRIVER Kevin A.

BULK TRUCK _____ @ _____

_____ DRIVER _____ @ _____

HANDLING <u>183.51</u> <u>1/2</u>	@ <u>2.48</u>	<u>\$455.11</u>
MILEAGE <u>125.70</u> <u>1/10</u>	@ <u>2.60</u>	<u>\$326.82</u>
		TOTAL <u>\$4,279.13</u>

REMARKS:

to circulate cement to Surface.

to Run cement @ 170sk = 25.90 ⁵⁴ / ₁₁₀

cement circulated to Surface.

Displaced cement @ 13.49 ⁵⁴ / ₁₁₀

cement to Surface.

to shut 8 5/8 in at 430 ps. ¹¹⁰ / ₁₁₀

SERVICE

DEPTH OF JOB 220'

PUMP TRUCK CHARGE \$1,512.25

EXTRA FOOTAGE @ _____

MILEAGE Acyy 15m @ 7.70 \$115.50

MANIFOLD Light 15m @ 4.40 \$66.00

_____ @ _____

_____ @ _____

TOTAL \$1,693.75

CHARGE TO: Meridian Energy Inc.

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

_____ @ 0

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

SALES TAX (if Any) _____

TOTAL CHARGES \$5,972.88

DISCOUNT \$1,612.68 IF PAID IN 30 DAYS

4360.20 net

before tax

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 Doug Budig

SIGNATURE Doug Budig