



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1111156
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: _____



111156

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

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

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

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

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

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

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

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

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

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

TUBING RECORD:	Size: _____ Set At: _____ Packer At: _____	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. _____	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

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> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Farmer, John O., Inc.
Well Name	Gilbert 1
Doc ID	1111156

Tops

Name	Top	Datum
Mississippian	2573'	(-1166)
Kinderhook	2907'	(-1500)
Hunton	3052'	(-1645)
Maquoketa	3088'	(-1681)
Viola	3157'	(-1750)
Simpson Dolomite	3245'	(-1838)
Simpson Sand	3271'	(-1864)
Granite	3296'	(-1889)
L.T.D.	3312'	(-1905)

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

January 29, 2013

Farmer, John O., Inc.
370 W WICHITA AVE
PO BOX 352
RUSSELL, KS 67665-2635

Re: ACO1
API 15-111-20461-00-00
Gilbert 1
SE/4 Sec.07-16S-10E
Lyon 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,



DRILL STEM TEST REPORT

Prepared For: **John O.Farmer Inc.**

PO Box 352
Russell KS 67665

ATTN: Austin Klaus

Gilbert #1

7-16s-10e Lyon,KS

Start Date: 2012.10.19 @ 22:14:44

End Date: 2012.10.20 @ 05:21:14

Job Ticket #: 49620 DST #: 1

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

Printed: 2012.10.23 @ 14:46:18



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

John O. Farmer Inc.

7-16s-10e Lyon, KS

PO Box 352
Russell KS 67665

Gilbert #1

Job Ticket: 49620

DST#: 1

ATTN: Austin Klaus

Test Start: 2012.10.19 @ 22:14:44

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:04:29

Time Test Ended: 05:21:14

Test Type: Conventional Bottom Hole (Initial)

Tester: Gary Pevoteaux

Unit No: 56

Interval: 3144.00 ft (KB) To 3171.00 ft (KB) (TVD)

Reference Elevations: 1407.00 ft (KB)

Total Depth: 3171.00 ft (KB) (TVD)

1399.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8352 Inside

Press @ Run Depth: 1030.35 psig @ 3145.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.10.19

End Date:

2012.10.20

Last Calib.:

2012.10.20

Start Time: 22:14:49

End Time:

05:21:13

Time On Btm:

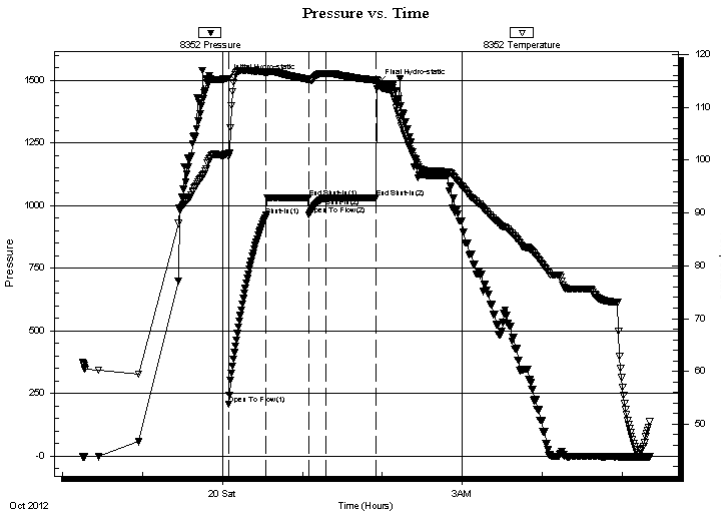
2012.10.20 @ 00:03:14

Time Off Btm:

2012.10.20 @ 01:56:44

TEST COMMENT: IF: Strong blow . B.O.B. in 35 secs.
IS: No blow .
FF: Strong blow . B.O.B. in 55 secs.
FS: No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1506.77	101.20	Initial Hydro-static
2	208.32	100.68	Open To Flow (1)
30	960.94	116.66	Shut-In(1)
62	1030.92	115.32	End Shut-In(1)
62	962.24	115.29	Open To Flow (2)
75	1030.35	116.46	Shut-In(2)
113	1030.99	115.13	End Shut-In(2)
114	1485.13	114.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2065.00	MW 2% m 98% w	25.63
340.00	MW 18% m 82% w	4.77

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

John O.Farmer Inc.

7-16s-10e Lyon,KS

PO Box 352
Russell KS 67665

Gilbert #1

Job Ticket: 49620

DST#: 1

ATTN: Austin Klaus

Test Start: 2012.10.19 @ 22:14:44

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:04:29

Time Test Ended: 05:21:14

Test Type: Conventional Bottom Hole (Initial)

Tester: Gary Pevoteaux

Unit No: 56

Interval: **3144.00 ft (KB) To 3171.00 ft (KB) (TVD)**

Reference Elevations: 1407.00 ft (KB)

Total Depth: 3171.00 ft (KB) (TVD)

1399.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: **8370** Outside

Press @ RunDepth: psig @ 3145.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.10.19 End Date: 2012.10.20

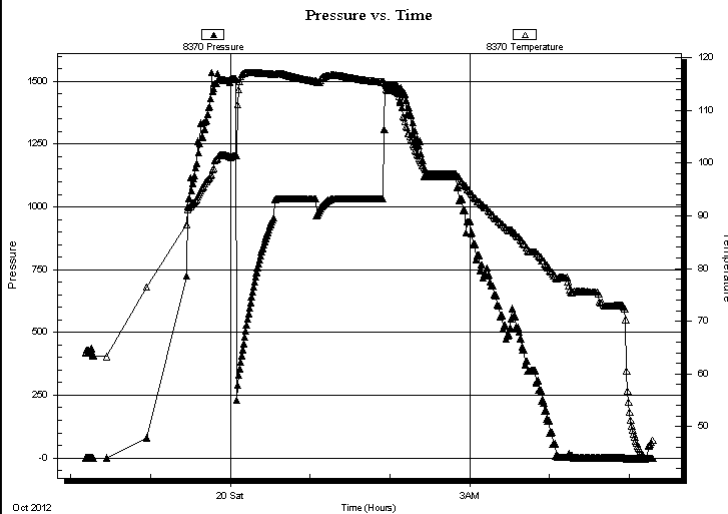
Last Calib.: 2012.10.20

Start Time: 22:11:15 End Time: 05:17:39

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Strong blow . B.O.B. in 35 secs.
IS: No blow .
FF: Strong blow . B.O.B. in 55 secs.
FS: No blow .



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
2065.00	MW 2%m 98%w	25.63
340.00	MW 18%m 82%w	4.77

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

John O. Farmer Inc.

7-16s-10e Lyon, KS

PO Box 352
Russell KS 67665

Gilbert #1

Job Ticket: 49620

DST#: 1

ATTN: Austin Klaus

Test Start: 2012.10.19 @ 22:14:44

Tool Information

Drill Pipe:	Length: 2785.00 ft	Diameter: 3.80 inches	Volume: 39.07 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 366.00 ft	Diameter: 2.25 inches	Volume: 1.80 bbl	Weight to Pull Loose: 83000.00 lb
			<u>Total Volume: 40.87 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	3144.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	47.00 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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C.O. Sub	1.00			3125.00	
Shut in tool	5.00			3130.00	
HMV	5.00			3135.00	
Packer	4.00			3139.00	20.00 Bottom Of Top Packer
Packer	5.00			3144.00	
Stubb	1.00			3145.00	
Recorder	0.00	8352	Inside	3145.00	
Recorder	0.00	8370	Outside	3145.00	
Perforations	21.00			3166.00	
Bullnose	5.00			3171.00	27.00 Bottom Packers & Anchor
Total Tool Length:	47.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

John O.Farmer Inc.

7-16s-10e Lyon,KS

PO Box 352
Russell KS 67665

Gilbert #1

Job Ticket: 49620

DST#: 1

ATTN: Austin Klaus

Test Start: 2012.10.19 @ 22:14:44

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:

11400 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbf

Water Loss: 10.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 650.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
2065.00	MW 2% _m 98% _w	25.632
340.00	MW 18% _m 82% _w	4.769

Total Length: 2405.00 ft Total Volume: 30.401 bbf

Num Fluid Samples: 0

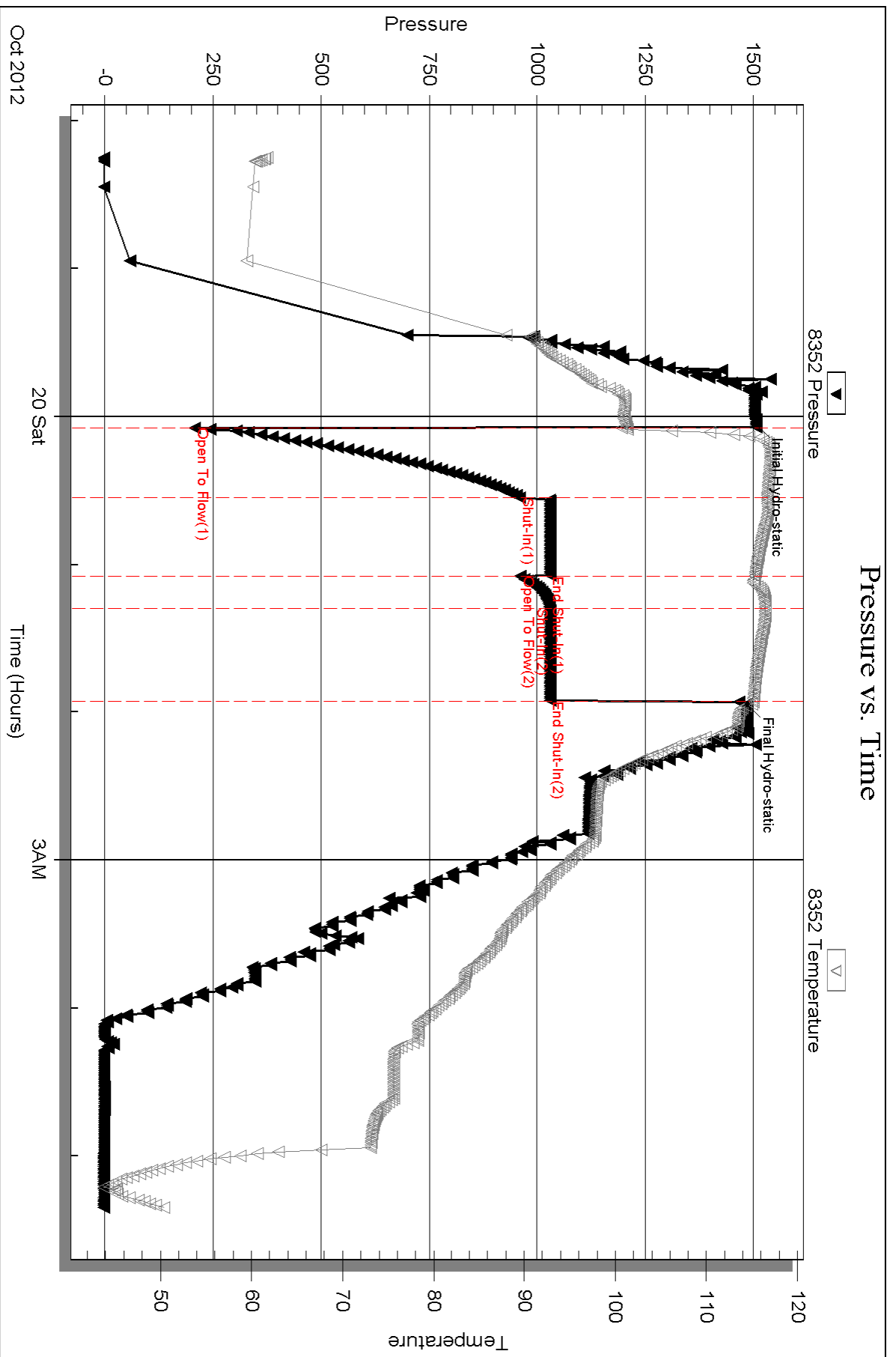
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments: Rw .80 ohms @49deg



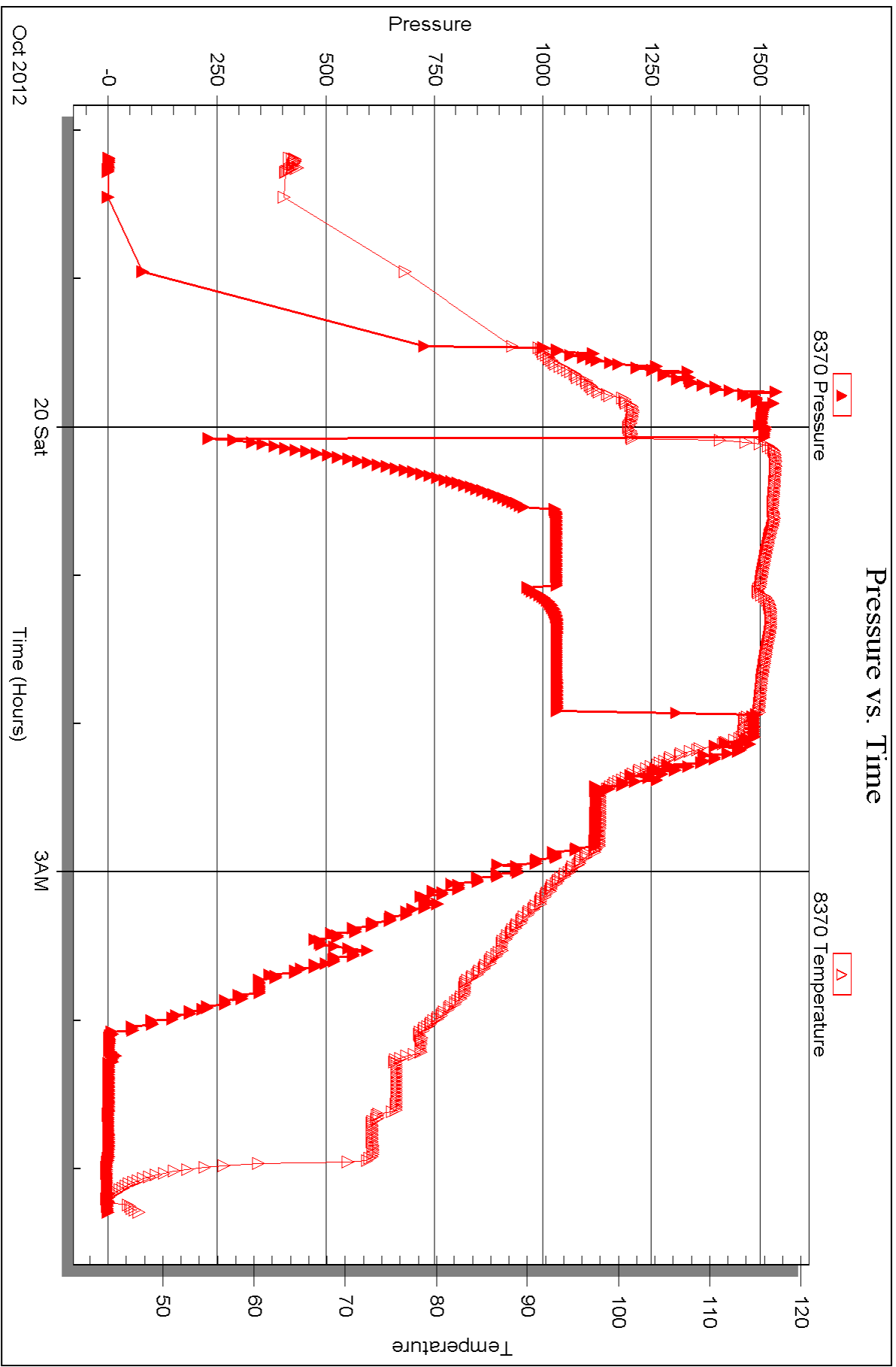
Serial #: 8370

Outside

John O. Farmer Inc.

Gilbert #1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **John O.Farmer Inc.**

PO Box 352
Russell KS 67665

ATTN: Austin Klaus

Gilbert #1

7-16s-10e Lyon,KS

Start Date: 2012.10.20 @ 22:55:50

End Date: 2012.10.21 @ 05:06:05

Job Ticket #: 49621 DST #: 2

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

Printed: 2012.10.23 @ 14:43:37



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

John O. Farmer Inc.

7-16s-10e Lyon, KS

PO Box 352
Russell KS 67665

Gilbert #1

Job Ticket: 49621

DST#: 2

ATTN: Austin Klaus

Test Start: 2012.10.20 @ 22:55:50

GENERAL INFORMATION:

Formation: **Simpson Sd.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:06:05

Time Test Ended: 05:06:05

Test Type: Conventional Bottom Hole (Reset)

Tester: Gary Pevoteaux

Unit No: 56

Interval: 3252.00 ft (KB) To 3269.00 ft (KB) (TVD)

Reference Elevations: 1407.00 ft (KB)

Total Depth: 3269.00 ft (KB) (TVD)

1399.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8352 Inside

Press @ Run Depth: 17.53 psig @ 3253.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.10.20

End Date:

2012.10.21

Last Calib.: 2012.10.21

Start Time: 22:55:55

End Time:

05:06:04

Time On Btm: 2012.10.21 @ 01:05:20

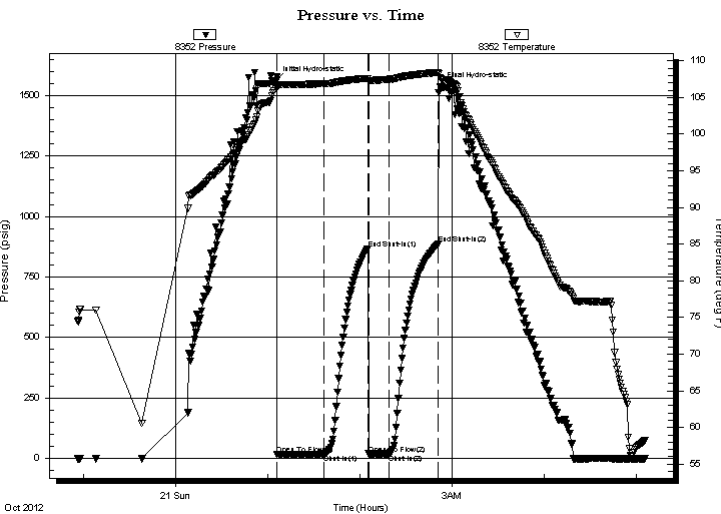
Time Off Btm: 2012.10.21 @ 02:52:05

TEST COMMENT: IF: Very weak blow. Dead in 11 mins.

IS: No blow.

FF: No blow.

FS: No blow.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1560.50	106.63	Initial Hydro-static
1	16.96	106.42	Open To Flow (1)
32	18.25	106.88	Shut-In(1)
60	867.17	107.62	End Shut-In(1)
61	18.57	107.32	Open To Flow (2)
74	17.53	107.48	Shut-In(2)
106	884.75	108.42	End Shut-In(2)
107	1536.74	107.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Drig. mud/ oilspecs @ top of tool	0.01

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

John O. Farmer Inc.

7-16s-10e Lyon, KS

PO Box 352
Russell KS 67665

Gilbert #1

Job Ticket: 49621

DST#: 2

ATTN: Austin Klaus

Test Start: 2012.10.20 @ 22:55:50

GENERAL INFORMATION:

Formation: **Simpson Sd.**

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 01:06:05 Tester: Gary Pevoteaux

Time Test Ended: 05:06:05 Unit No: 56

Interval: 3252.00 ft (KB) To 3269.00 ft (KB) (TVD) Reference Elevations: 1407.00 ft (KB)

Total Depth: 3269.00 ft (KB) (TVD) 1399.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 8370

Outside

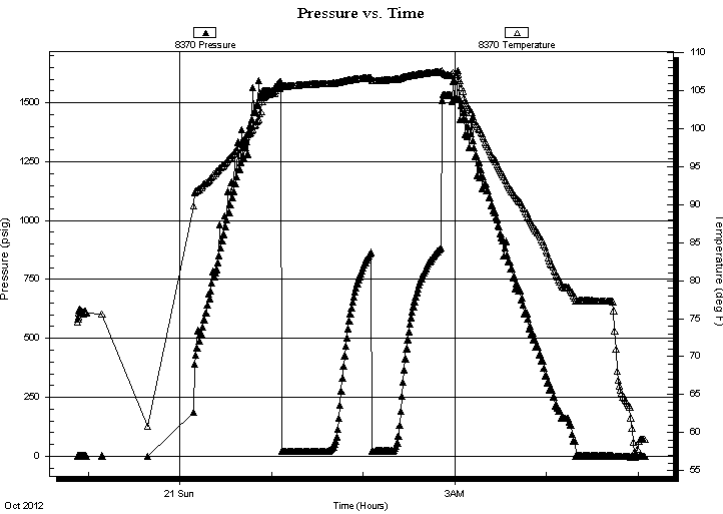
Press @ Run Depth: psig @ 3253.00 ft (KB) Capacity: 8000.00 psig

Start Date: 2012.10.20 End Date: 2012.10.21 Last Calib.: 2012.10.21

Start Time: 22:52:55 End Time: 05:04:19 Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Very weak blow. Dead in 11 mins.
IS: No blow.
FF: No blow.
FS: No blow.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Drig. mud/ oilspecs @ top of tool	0.01

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

John O. Farmer Inc.

7-16s-10e Lyon, KS

PO Box 352
Russell KS 67665

Gilbert #1

Job Ticket: 49621

DST#: 2

ATTN: Austin Klaus

Test Start: 2012.10.20 @ 22:55:50

Tool Information

Drill Pipe:	Length: 2879.00 ft	Diameter: 3.80 inches	Volume: 40.38 bbl	Tool Weight:	2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	24000.00 lb
Drill Collar:	Length: 366.00 ft	Diameter: 2.25 inches	Volume: 1.80 bbl	Weight to Pull Loose:	71000.00 lb
			<u>Total Volume: 42.18 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial	59000.00 lb
Depth to Top Packer:	3252.00 ft			Final	59000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	17.00 ft				
Tool Length:	37.00 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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C.O. Sub	1.00			3233.00	
Shut in tool	5.00			3238.00	
HMV	5.00			3243.00	
Packer	4.00			3247.00	20.00 Bottom Of Top Packer
Packer	5.00			3252.00	
Stubb	1.00			3253.00	
Recorder	0.00	8352	Inside	3253.00	
Recorder	0.00	8370	Outside	3253.00	
Perforations	11.00			3264.00	
Bullnose	5.00			3269.00	17.00 Bottom Packers & Anchor
Total Tool Length:	37.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

John O.Farmer Inc.

7-16s-10e Lyon,KS

PO Box 352
Russell KS 67665

Gilbert #1

Job Ticket: 49621

DST#: 2

ATTN: Austin Klaus

Test Start: 2012.10.20 @ 22:55:50

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 800 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.59 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 800.00 ppm		
Filter Cake: 0.20 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Drig.mud/ oilspecc @ top of tool	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

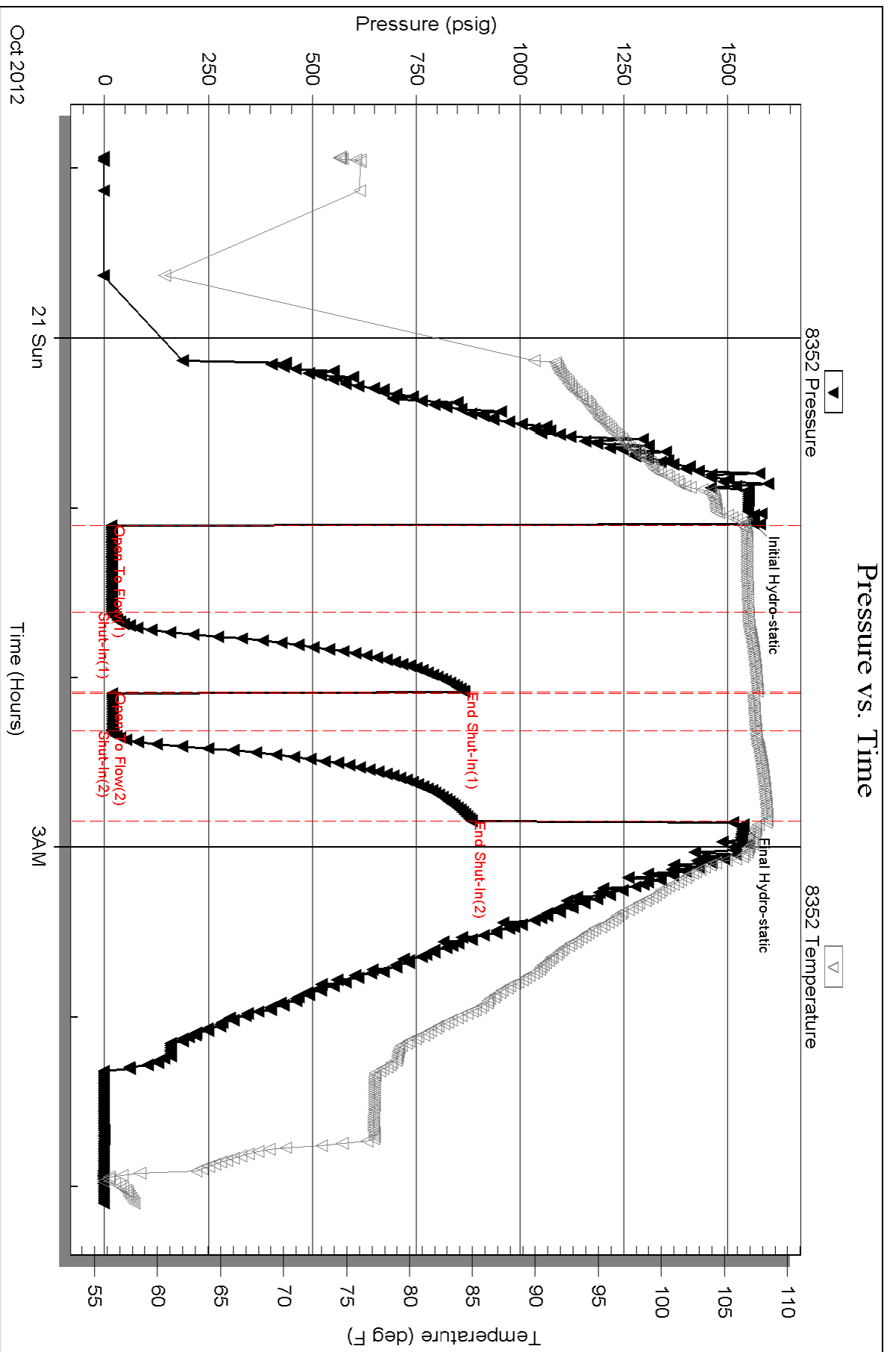
Num Gas Bombs: 0

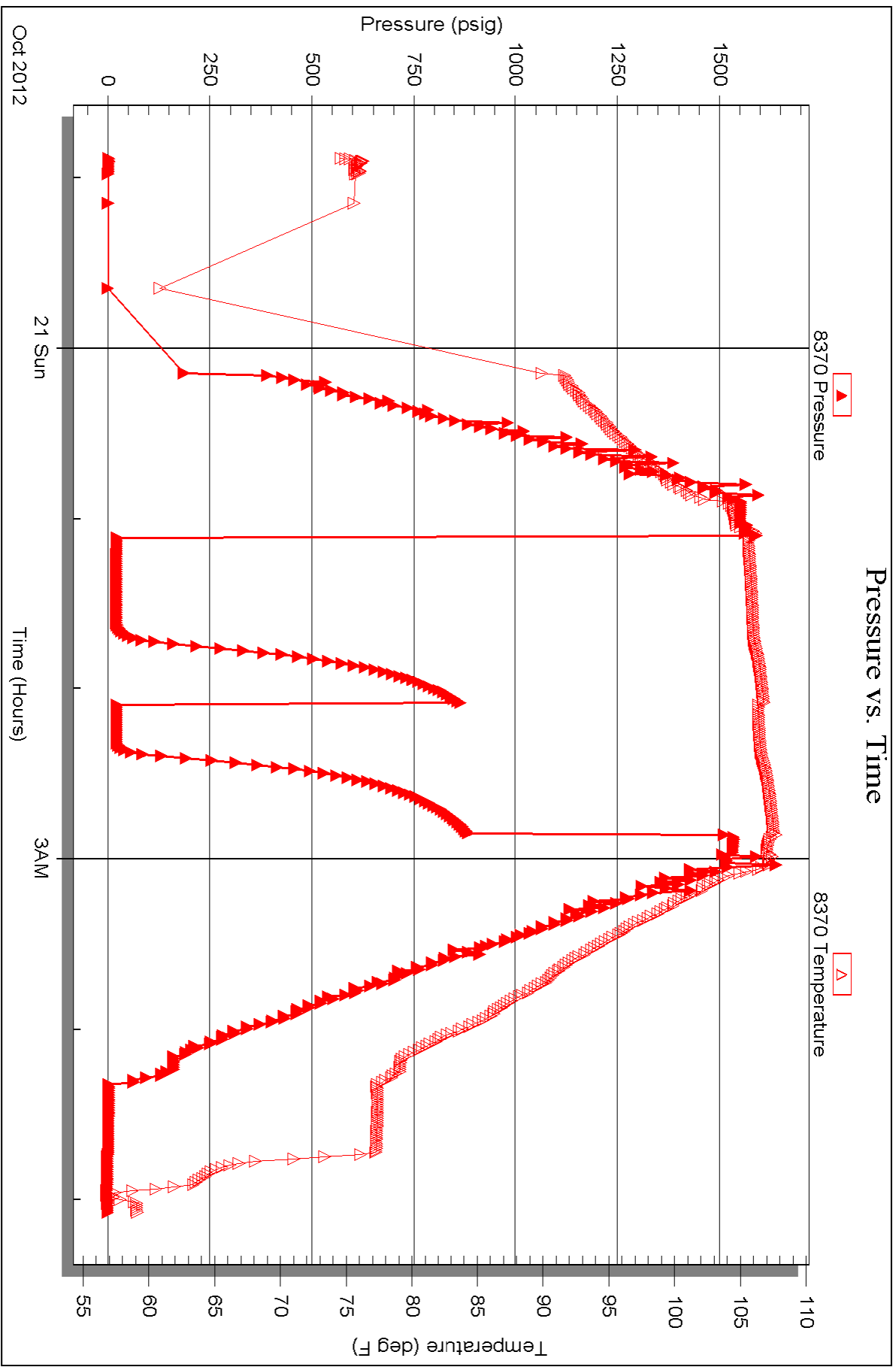
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:







TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49620

4/10

Well Name & No. COLEBERT #1 Test No. 1 Date 10-19-12
 Company JOHN O. FARMER INC. Elevation 1407 KB 1399 GL
 Address 370 W. WICHITA AVE. P.O. Box 352, Russell Ks. 67665
 Co. Rep / Geo. AUSTIN KLAUS Rig GOUCK DRUG.
 Location: Sec. 7 Twp. 16 S Rge. 10 E Co. LYON State KS.

Interval Tested 3144 - 3171' Zone Tested N201A
 Anchor Length 27' Drill Pipe Run 2785' Mud Wt. 9.0
 Top Packer Depth 3139' Drill Collars Run 366' Vis 46
 Bottom Packer Depth 3144' Wt. Pipe Run 0 WL 10.2 cc
 Total Depth 3171' Chlorides 650 ppm System LCM 4#
 Blow Description IF; Strong blow. B.O.B. in 35 sec. ISI; No blow.

FF; Strong blow. B.O.B. in 35 sec. FSI; No blow.

Rec	Feet of	%gas	%oil	%water	%mud
340	MW		82	18	
2065	MW		98	2	

Rec Total 2405 Fluid BHT 115° Gravity N/A API RW -80 @ 49 °F Chlorides 11,400 ppm
 (A) Initial Hydrostatic 1507 Test 1150 T-On Location 2113
 (B) First Initial Flow 208 Jars T-Started 2214
 (C) First Final Flow 961 Safety Joint T-Open 0004
 (D) Initial Shut-In 1031 Circ Sub T-Pulled 0154
 (E) Second Initial Flow 962 Hourly Standby T-Out 0521
 (F) Second Final Flow 1030 Mileage 3547 548.70 Comments _____
 (G) Final Shut-In 1031 Sampler _____
 (H) Final Hydrostatic 1485 Straddle _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 30 Extra Packer _____
 Initial Shut-In 30 Extra Recorder _____
 Final Flow 20 Day Standby _____
 Final Shut-In 30 Accessibility _____
 Sub Total 1698.70 MP/DST Disc't _____

Approved By _____ Our Representative Gary P. Watson

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



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49621

4/10

Well Name & No. GILBERT # 1 Test No. 2 Date 10-20-12
 Company JOHN O. FARMER INC. Elevation 1407 KB 1399 GL
 Address 370 W. WICHITA AVE. P.O. Box 352, Russell Ks. 67665
 Co. Rep / Geo. AUSTIN KLAUS Rig GULZICK DRUG.
 Location: Sec. 7 Twp. 16S Rge. 10E Co. LEON State Ks.

Interval Tested 3252 - 3269' Zone Tested SIMPSON SO.
 Anchor Length 17' Drill Pipe Run 2819' Mud Wt. 9.1
 Top Packer Depth 3247' Drill Collars Run 366' Vis 50
 Bottom Packer Depth 3252' Wt. Pipe Run 0 WL 9.6 cc
 Total Depth 3269' Chlorides 800 ppm System LCM 2 1/2 #
 Blow Description IF: Very weak below. Dead in 11 mins - FSI: No below.

FF: No below. FSI: No below.

Rec	Feet of	%gas	%oil	%water	%mud
<u>2</u>	<u>Feet of Dry Mud/Oil seen @ Top</u>				
	<u>of tool</u>				

Rec Total 2 Fluid BHT 108° Gravity N/A API RW N.C. @ ~ ° F Chlorides 800 ppm
 (A) Initial Hydrostatic 1561 Test 1150 T-On Location 2229
 (B) First Initial Flow 17 Jars T-Started 2255
 (C) First Final Flow 18 Safety Joint T-Open 0106
 (D) Initial Shut-In 867 Circ Sub T-Pulled 0249
 (E) Second Initial Flow 19 Hourly Standby T-Out 0506
 (F) Second Final Flow 18 Mileage 90 Motel X 2 548.70 Comments _____
 (G) Final Shut-In 885 Sampler _____
 (H) Final Hydrostatic 1537 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1698.70
 Final Flow 15 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 30 Sub Total 1698.70

Approved By _____ Our Representative Gary P. Wolcott

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

ENTERED

TICKET NUMBER 35570

LOCATION Eureka, KS

FOREMAN Shannon Feck

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

FIELD TICKET & TREATMENT REPORT

CEMENT API # 15-111-2046

GOODY

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
10-15-12	4027	Gilbert #1	7	16S	10 E	Lyon	
CUSTOMER John O. Farmer, Inc			Gulick Drlg				
MAILING ADDRESS P.O. Box 352							
CITY Russell		STATE Ks	ZIP CODE 67665				
TRUCK #		DRIVER		TRUCK #		DRIVER	
520		John S					
611		Joey K					

JOB TYPE SP HOLE SIZE 12 1/4" HOLE DEPTH 224 CASING SIZE & WEIGHT 8 5/8" 23#
 CASING DEPTH 224 K.B. DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.5-15# SLURRY VOL. 33 Bbl WATER gal/sk 60 CEMENT LEFT in CASING 15'
 DISPLACEMENT 13.2 Bbl DISPLACEMENT PSI 100 MIX PSI 100 RATE 5BPM

REMARKS: Rig up to 8 5/8" casing, Break circulation w/ 5 Bbl water, Mited 125 SKS
 Class "A" cement w/ 30% calcium, 2% gel & 1/4# Flo-tele/sk @ 14.5-15#/gal.
 displace w/ 13.2 Bbl & shut casing in. Good circulation @ all times.
 5 Bbl Slurry to pit. Job Complete.

"Thanks Shannon & Crew"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401S	1	PUMP CHARGE	825.00	825.00
5406	80	MILEAGE	4.00	320.00
1104S	125 SKS	Class "A" cement	14.95	1868.75
1102	355 #	Calcium @ 30%	.74	262.70
1118B	235 #	gel @ 2%	.21	49.35
1107	32 #	Flo-tele @ 1/4#/sk	2.35	75.20
5407A	5.875	Ton mileage bulk Truck	1.34	629.26
			Sub Total	4030.26
			7.3% SALES TAX	164.69
			ESTIMATED TOTAL	4194.95

AVIN 3737 AUTHORIZATION MIL [Signature] TITLE Tool Pusher DATE 10-15-12

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



CONSOLIDATED
Oil Well Services, LLC

ENTERED

TICKET NUMBER 35625
LOCATION EUICKA
FOREMAN Rick Ledford

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

FIELD TICKET & TREATMENT REPORT
CEMENT

API# 15-111-2040

COPY

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-22-12	4027	Gilbert #1	7	16	10E	Lyon
CUSTOMER: John O Farmer Inc.			Gulick Dr-13			
MAILING ADDRESS P.O. Box 352			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY Russell			STATE KS	ZIP CODE 67665		
			445	Dave		
			607	Chris B.		

JOB TYPE P.T.A. HOLE SIZE 7 7/8" HOLE DEPTH 3313' CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE 4 1/2" TUBING _____ OTHER _____
 SLURRY WEIGHT 14 # SLURRY VOL _____ WATER gal/sk 7.0 CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting - Rig up to drill pipe plugging orders as follows:

- 35 SKS @ 3300
- 15 SKS @ 1250'
- 75 SKS @ 250' to surface
- 20 SKS @ Rathole

"Thank You"

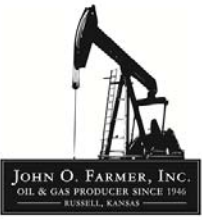
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405N	1	PUMP CHARGE	1030.00	1030.00
5406	70	MILEAGE	4.00	280.00
1131	145 SKS	60/40 Pozmix cement	12.55	1819.75
1118B	500 #	4% gel	.21	105.00
5407A	6.24	ton mileage bulk trk	1.34	585.31
			Subtotal	3820.06
			SALES TAX <u>7.3%</u>	140.51
			ESTIMATED TOTAL	3960.57

Ravin 3737

053040

AUTHORIZATION MJ [Signature] TITLE Tool Pusher DATE 10-22-12

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



AUSTIN B. KLAUS



Cell 785.650.3629
Work 785.483.3145
Ext 225

PO BOX 352
Russell, KS 67665
austin.klaus@johnofarmer.com

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Gilbert #1
Location: Lyon County
License Number: API #15-111-20461-00-00
Spud Date: 10/15/2012
Surface Coordinates: 2,330' FSL & 2,350' FEL
Bottom Hole Coordinates: Vertical well with minimal deviation, same as above
Ground Elevation (ft): 1,399' **K.B. Elevation (ft):** 1,407'
Logged Interval (ft): 2,500' **To:** 3,313' **Total Depth (ft):** RTD: 3,313' **LTD:** 3,312'
Formation: Mississippian Dolomite - Granite Wash
Type of Drilling Fluid: Chemical (Fud-Mud)
Region: Kansas
Drilling Completed: 10/21/2012

Printed by STRIP.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: John O. Farmer, Inc.
Address: P.O. Box 352
Russell, KS 67665-0352

COMMENTS

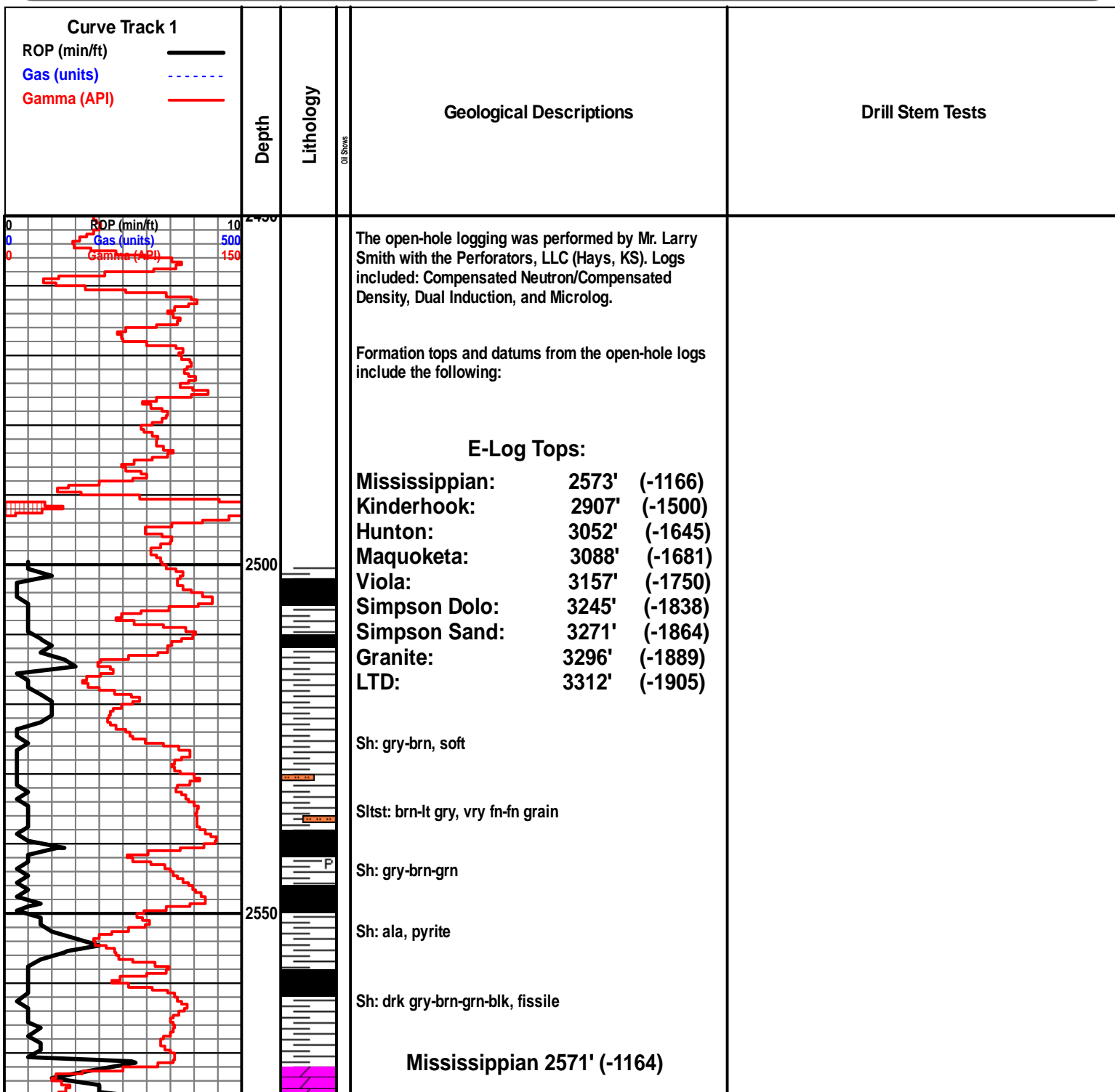
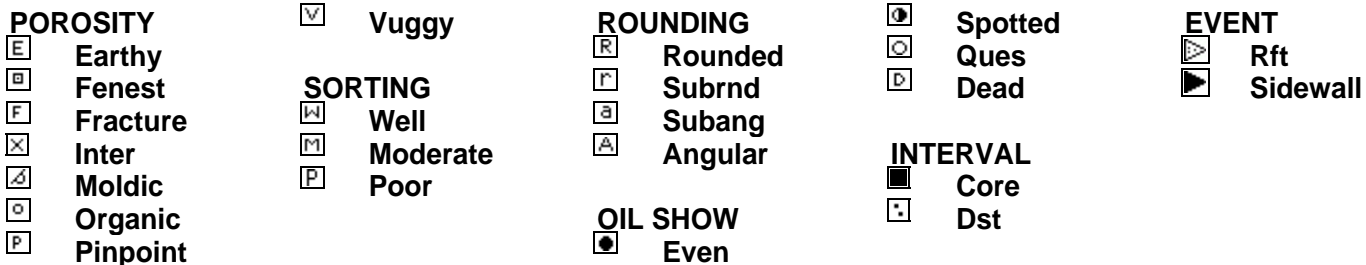
The Gilbert #1 well was drilled by Gulick Drilling (Tool Pusher: Mike Stafford).

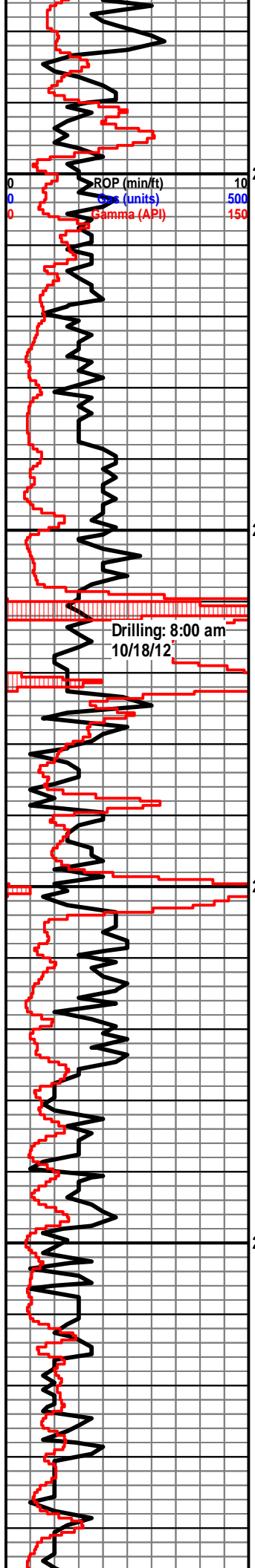
The location for the Gilbert #1 well was found via 3-D seismic survey. Based on the results of the drill stem tests that were conducted, and the samples and wireline logs that were evaluated, the decision was made to plug and abandon the Gilbert #1 well on October 21, 2012.

ROCK TYPES



OTHER SYMBOLS





Dolo: off wh-lt gry, fn xln, mostly DNS, NSFO, no odor

Dolo: off wh-brn, fn xln, mostly DNS

2600

Dolo: ala

Dolo: off wh-lt gry, fn-md xln, poor int xln porosity, NSFO, no odor

Dolo: off wh-tan, fn xln, poor int xln porosity, NSFO, no odor

2650

Sh: gry-blk

Dolo: tan-lt gry, fn-sub xln, mostly DNS

Dolo: lt-drk gry, fn xln, mostly DNS

Slstst: gry, vry fn grain

Dolo: tan-gry, fn-sub xln, mostly DNS, hvy chrt-off wh

2700

Dolo: tan-lt gry, fn xln, poor int xln porosity, NSFO, no odor

Sh: multi-color

Dolo: tan-brn, fn-md xln, poor int xln porosity, NSFO, no odor

Chrt: off wh

Sh: multi-color, earthy

Dolo: tan-brn, fn xln, mostly DNS

Chrt: wh-off wh

2750

Chrt: milky-off wh

Chrt: ala

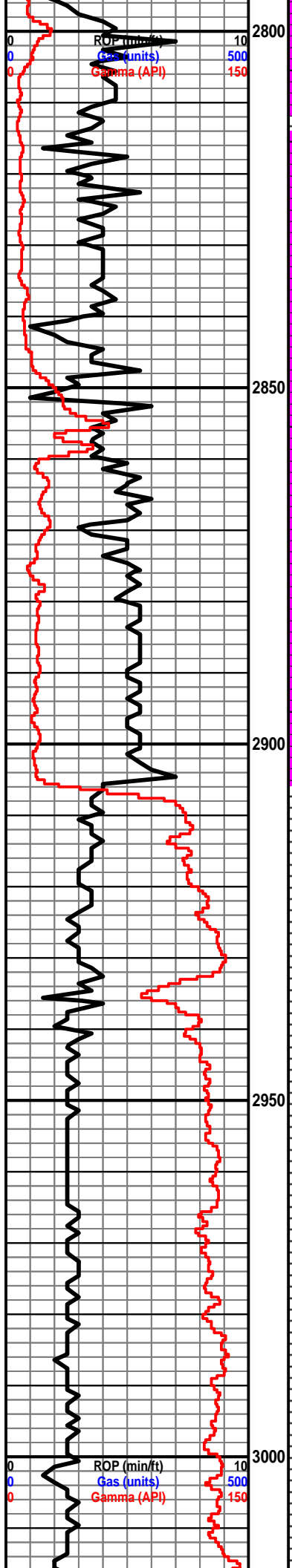
Chrt: off wh-gry

Dolo: lt gry, fn xln, mostly DNS

Dolo: ala, hvy chrt: off wh-lt gry

P

Dolo: tan-gry, fn-sub xln, mostly DNS, hard, NSFO, no odor, nvrite



calc, pyrite

Dolo: tan-lt gry, fn-md xln, poor int xln porosity, chalky

Sh: drk gry

Dolo: ala

Dolo: tan-brn, lt gry, fn xln, poor int xln porosity, NSFO, no odor

Dolo: tan-gry, fn-md xln, mostly DNS

Dolo: ala

Dolo: off wh-tan, fn-md xln, poor int xln porosity, NSFO, no odor

Dolo: ala

Kinderhook 2905' (-1498)

Sh: gry-drk gry, fissile

Sh: ala

Sh: drk gry-brn, blk, blocky

Sh: lt gry-gry, soft, pyrite

Sh: lt gry-gry, soft

Sh: ala

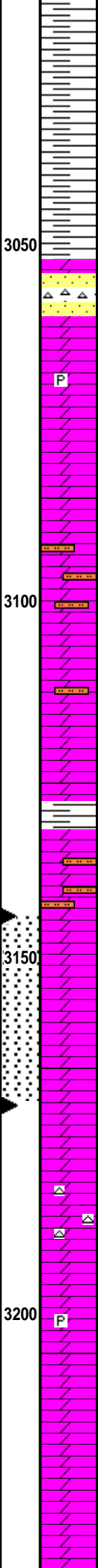
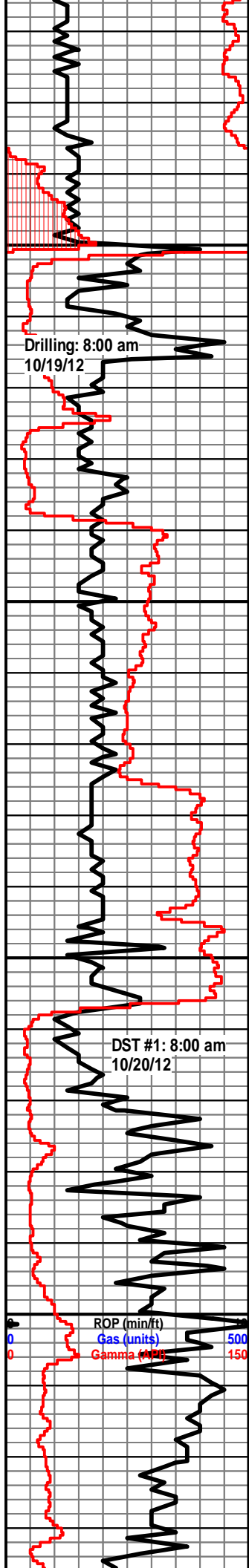
Sh: lt gry-blk, fissile

Sh: lt gry-brn, vry soft, fw pcs of blk, fissile

Sh: ala

Sh: lt gry-gry-brn, soft

Sh: ala, pyrite



Sh: lt-drk gry

Sh: drk gry-brn

Sh: ala

Hunton 3054' (-1647)

Ss: qtz, off wh, vry fn grain, vry DNS, scattered Dolo:
 lt gry, fn xln, DNS, NSFO, vry sl odor
 Chrt: off wh

Dolo: tan-lt gry, fn-sub xln, mostly DNS, NSFO, no odor, vry hard, pyrite

Dolo: tan-gry, fn-md xln, poor int xln porosity, NSFO, no odor

Maquoketa 3083' (-1676)

Dolo: ala

Slstst: gry, fn-vry fn grain

Dolo: lt gry, fn-sub xln, mostly DNS, vry hard

Slstst: gry, vry fn grain, gritty

Dolo: ala

Sh: gry-brn

Slstst: gry, vry fn grain

Viola 3155' (-1748)

Dolo: off wh, fn-md xln, poor-fair int xln porosity, SSFO, thick blk heavy oil, fair odor, dull yel fluor

Dolo: off wh, fn-md xln, poor int xln porosity, NSFO, no odor

Dolo: tan-lt gry, fn xln, poor int xln porosity, mostly DNS, hard, NSFO, no odor, hvy chert-off wh

Dolo: ala

Dolo: tan-brn, fn xln, poor int xln porosity, NSFO, pyrite

Dolo: lt gry-tan-brn, fn-md xln, poor int xln porosity, mostly DNS, NSFO, no odor

Dolo: ala

Dolo: tan-brn, fn xln, poor int xln porosity, mostly DNS, NSFO, no odor

Dolo: tan-brn, fn xln, poor-fair int xln porosity, barren, NSFO, no odor, vry hard

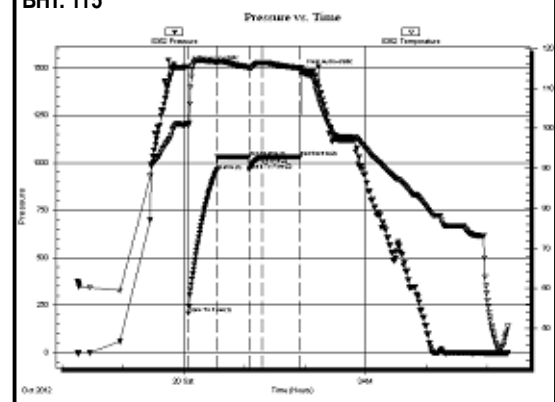
Drilling: 8:00 am
10/19/12

DST #1: 8:00 am
10/20/12

ROP (min/ft) 500
 Gas (units) 150
 Gamma (API) 150

**DST #1 3,144'-3,171' (Viola)
30"-30"-15"-40"**

IF: BOB in 35 seconds, no blow back on SI
 FF: BOB in 55 seconds, no blow back on SI
 Rec: 2,405' Muddy Water (Chl. 11,400)
 FP: 208-961, 962-1030#
 SIP: 1,031-1,031#
 HP: 1,507-1,485#
 BHT: 115



NSFO, no odor, vry hard

Simpson Dolomite 3239' (-1832)

Dolo: drk brn, fn xln, poor int xln porosity, VSSFO, fair odor

Upper Simpson Sand 3259' (-1852)

Ss: qtz, off wh, fn grain, fairly well rounded, fair-poorly sorted, fair int granular porosity, SSFO, fair-good odor, dull yel fluor

Lower Simpson Sand 3269' (-1862)

Ss: qtz, off wh, fn grain, fair sorting, fairly well rounded, NSFO, barren, no odor

Ss: qtz, wh-off wh, fn-vry fn grain, well rounded, fair-poorly sorted, poor int granular porosity, NSFO, no odor

Ss: ala, Sh: drk gry

Granite 3294 (-1887)

Grnt: off wh-clr, crs xln, vry DNS

Grnt: clr-red/pink, crs xln, vry hard

DST #2 3,252'-3,269' (Simpson Sand)
30"-30"-30"-30"

IF: very weak blow died in 11 minutes

FF: no blow

Rec: 2' Mud with oil spots

FP: 17-18, 19-18#

SIP: 867-885#

HP: 1,561-1,537#

BHT: 108

