



**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
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- 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

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total 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**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  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				

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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<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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 (Specify) _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	New Gulf Operating LLC
Well Name	Sowers 1
Doc ID	1048767

Tops

Name	Top	Datum
Salt Sections	1700-2006	
Hebner shale Marker	3802-06	
Toronto Lime	3823-29	Wet
Lansing Kansas City	3862-4184	Wet
Pleasanton Lime	4194-97	Possible Oil
Marmaton	4237-42	Tight
Altamont	4258-4301	Possible Oil/Tight
Pawnee	4332-35	Wet
Myrick Station	4363-4366	Wet
Fort Scott	4393-98	Wet
Johnson	4457-62	Wet
Morrow Sand	4566-72	Wet
Mississippi Lime	4612-72	Tight/ Wet



*Mark Parkinson, Governor  
Thomas E. Wright, Chairman  
Joseph F. Harkins, Commissioner  
Ward Loyd, Commissioner*

December 29, 2010

Danny Birdwell  
New Gulf Operating LLC  
6310 E. 102nd St.  
TULSA, OK 74137

Re: ACO1  
API 15-109-20897-00-00  
Sowers 1  
SE/4 Sec.05-15S-34W  
Logan County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
Danny Birdwell



NEW GULF OPERATING, LLC

January 25, 2011

Re: **# 1 SOWERS**  
1825'FSL 640'FEL  
Section 5-15S-34W  
Logan County, Kansas

The Logan South Project 3D survey covered an area of ~ 28 sections on which only one well had been drilled. It was decided that the structural prospects would be tested first and at least one well would be drilled deep into the Arbuckle for both production potential and seismic correlation.

The # 1 Sowers was spud on 10/13/ 2010 and drilled to a rotary total depth of 5227' ~81' into the Arbuckle Formation at which point circulation was lost. Although after some time circulation was re-established it was decided not to log to rotary total depth to avoid further complications. Consequently the Schlumberger open-hole log total depth was 4788' ~ 216' into the Mississippian.

1' drilling time was taken from 2200-2450' for the Anhydrite drilling time pick and then from 3450' to RTD.

Samples were examined both wet and dry from 3450' to RTD. The samples were delivered to the Kansas Geological Sample Library. After log evaluations it was decided that all potential zones had been evaluated with drill stem tests and it is our recommendation that the well be plugged and abandoned.

#### **Overview**

The well had geological supervision from the Topeka section down to the Arbuckle. There were shows in the Lansing B, L, Altamont B and Johnson zones. The shows were for the most part weak and all were evaluated on drill-stem tests. There were others zones with good reservoir quality, for example the H and J that will have potential on better structure.

\*

January 25, 2011

Page 2

The Morrow section was thin which we anticipated drilling on a structure but did have some barren sand.

The well ran on the average 20' high to the reference well, Toto # 1 Wood drilled to the southeast in section 10-15S-34W. I have included a subsurface map on the Mississippian to show the regional structural relationship of the Sowers to the other wells drilled in the area. We know from the Dirks Field and the 3D seismic that there are numerous small structures and the Sowers does appear to be in a positive area but maybe not a significant structure. The well does support a good regional structural nose extending from the Dirks Field to the northeast.

The next location on the Wright lease in section 31-14S-34W shows be structurally higher on both subsurface and seismic.

**Joe M. Baker**

Petroleum Geologist  
401 E. Douglas Ste 525  
Wichita, Kansas 67202

Ph: 316-253-9696(cell)

Fax: 316-263-8801-0480 E- Mail [jbaker931@sbcglobal.net](mailto:jbaker931@sbcglobal.net)



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

New Gulf Operating, LLC

**Sowers #1**

6100 S. Yale STE 2010  
Tulsa Ok 74136

**5/15s/34w**

Job Ticket: 039504

**DST#: 1**

ATTN: Bob Stolzle

Test Start: 2010.10.20 @ 03:33:35

## GENERAL INFORMATION:

Formation: **Lansing "B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:39:30

Time Test Ended: 14:15:00

Test Type: Conventional Bottom Hole

Tester: Brad Walter

Unit No: 28

**Interval: 3870.00 ft (KB) To 3899.00 ft (KB) (TVD)**

Reference Elevations: 2966.00 ft (KB)

Total Depth: 3899.00 ft (KB) (TVD)

2958.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 6753 Inside**

Press @ Run Depth: 665.04 psig @ 3871.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.10.20 End Date: 2010.10.20

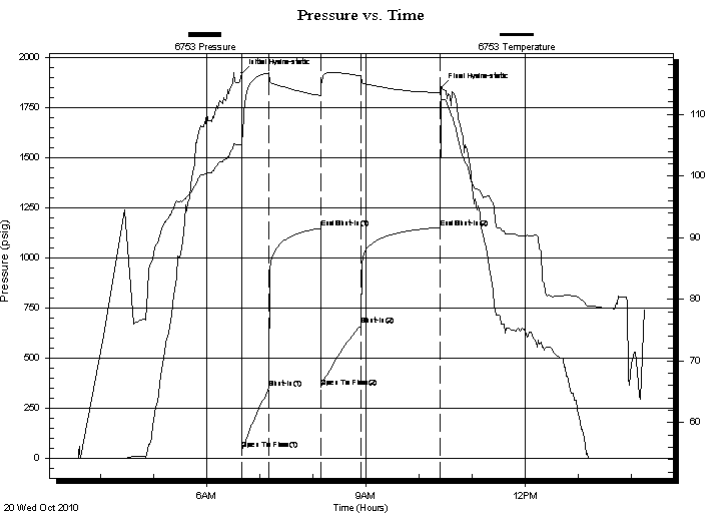
Last Calib.: 2010.10.20

Start Time: 03:33:35 End Time: 14:15:00

Time On Btm: 2010.10.20 @ 06:39:15

Time Off Btm: 2010.10.20 @ 10:25:00

**TEST COMMENT:** IF: BOB @ 4 minutes.  
IS: No return.  
FF: BOB @ 5 minutes.  
FS: No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1923.12	105.18	Initial Hydro-static
1	46.92	106.10	Open To Flow (1)
31	348.63	116.68	Shut-In(1)
90	1148.70	113.05	End Shut-In(1)
90	357.26	114.99	Open To Flow (2)
135	665.04	116.26	Shut-In(2)
225	1152.86	113.50	End Shut-In(2)
226	1850.32	112.72	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	mcw 40m 60w	1.68
2040.00	mcw 25m 75w	28.62

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

New Gulf Operating, LLC

**Sowers #1**

6100 S. Yale STE 2010  
Tulsa Ok 74136

**5/15s/34w**

Job Ticket: 039504

**DST#: 1**

ATTN: Bob Stolzle

Test Start: 2010.10.20 @ 03:33:35

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

22000 ppm

Viscosity: 38.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.37 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	mcw 40m 60w	1.683
2040.00	mcw 25m 75w	28.616

Total Length: 2160.00 ft      Total Volume: 30.299 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

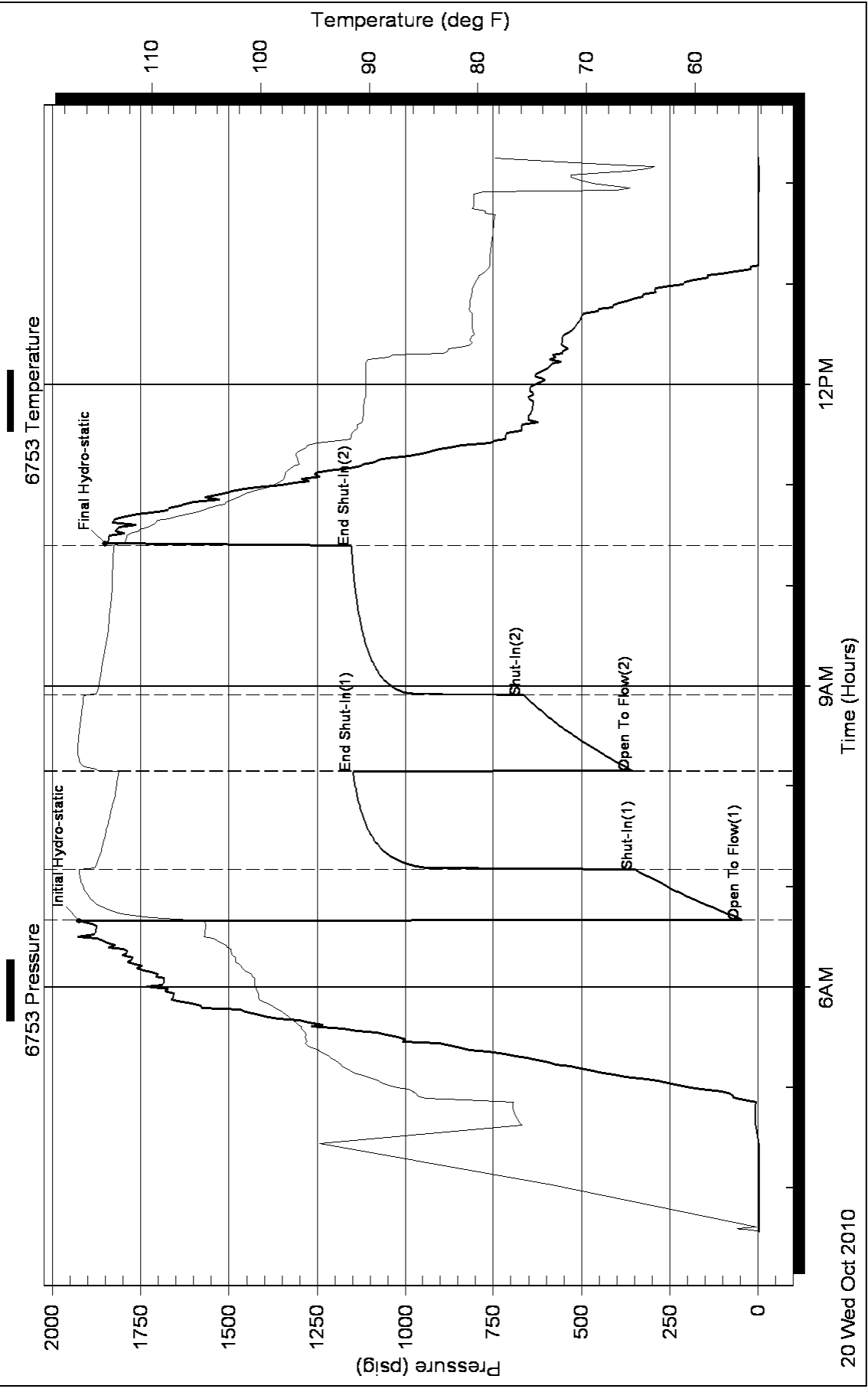
Laboratory Name:

Laboratory Location:

Recovery Comments: Rw = .230 @ 90Degrees F = 22000 ppm



# Pressure vs. Time





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

New Gulf Operating, LLC

**Sowers #1**

6100 S. Yale STE 2010  
Tulsa Ok 74136

**5/15s/34w**

Job Ticket: 39505

**DST#: 2**

ATTN: Bob Stolzle

Test Start: 2010.10.21 @ 17:42:30

## GENERAL INFORMATION:

Formation: **LKC "L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:31:30

Time Test Ended: 01:29:00

Test Type: Conventional Bottom Hole

Tester: Brad Walter

Unit No: 28

**Interval: 4139.00 ft (KB) To 4180.00 ft (KB) (TVD)**

Reference Elevations: 2966.00 ft (KB)

Total Depth: 4180.00 ft (KB) (TVD)

2958.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 6753**

**Inside**

Press @ Run Depth: 51.16 psig @ 4145.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.10.21

End Date:

2010.10.22

Last Calib.:

2010.10.22

Start Time: 17:42:35

End Time:

01:28:59

Time On Btm:

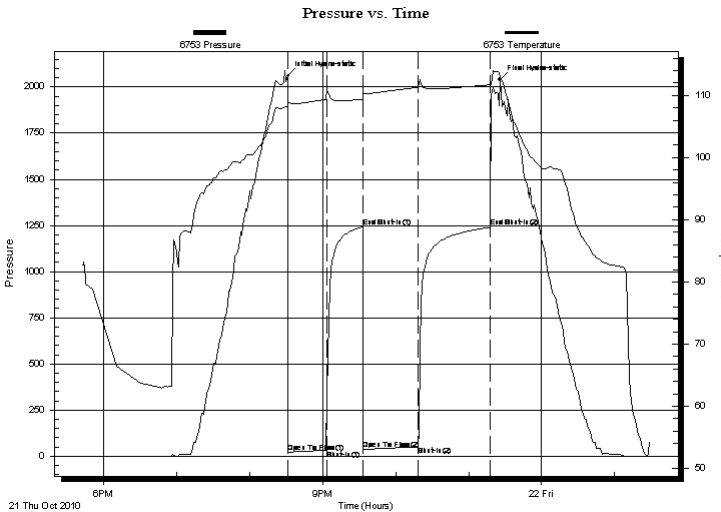
2010.10.21 @ 20:31:15

Time Off Btm:

2010.10.21 @ 23:25:45

**TEST COMMENT:** IF: Built to 2 1/4 inch blow.  
IS: No return.  
FF: Blow started @ 18 minutes, built to 1 inch.  
FS: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2058.77	108.32	Initial Hydro-static
1	21.16	108.74	Open To Flow (1)
32	34.02	109.38	Shut-In(1)
62	1242.80	109.40	End Shut-In(1)
62	36.72	110.23	Open To Flow (2)
107	51.16	111.31	Shut-In(2)
167	1239.85	111.69	End Shut-In(2)
175	2040.24	112.98	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
90.00	wcm 30%w 70%m (small show of oil)	1.26

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

New Gulf Operating, LLC

**Sowers #1**

6100 S. Yale STE 2010  
Tulsa Ok 74136

**5/15s/34w**

Job Ticket: 39505

**DST#: 2**

ATTN: Bob Stolzle

Test Start: 2010.10.21 @ 17:42:30

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.58 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	w cm 30%w 70%m (small show of oil spots)	1.262

Total Length: 90.00 ft      Total Volume: 1.262 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

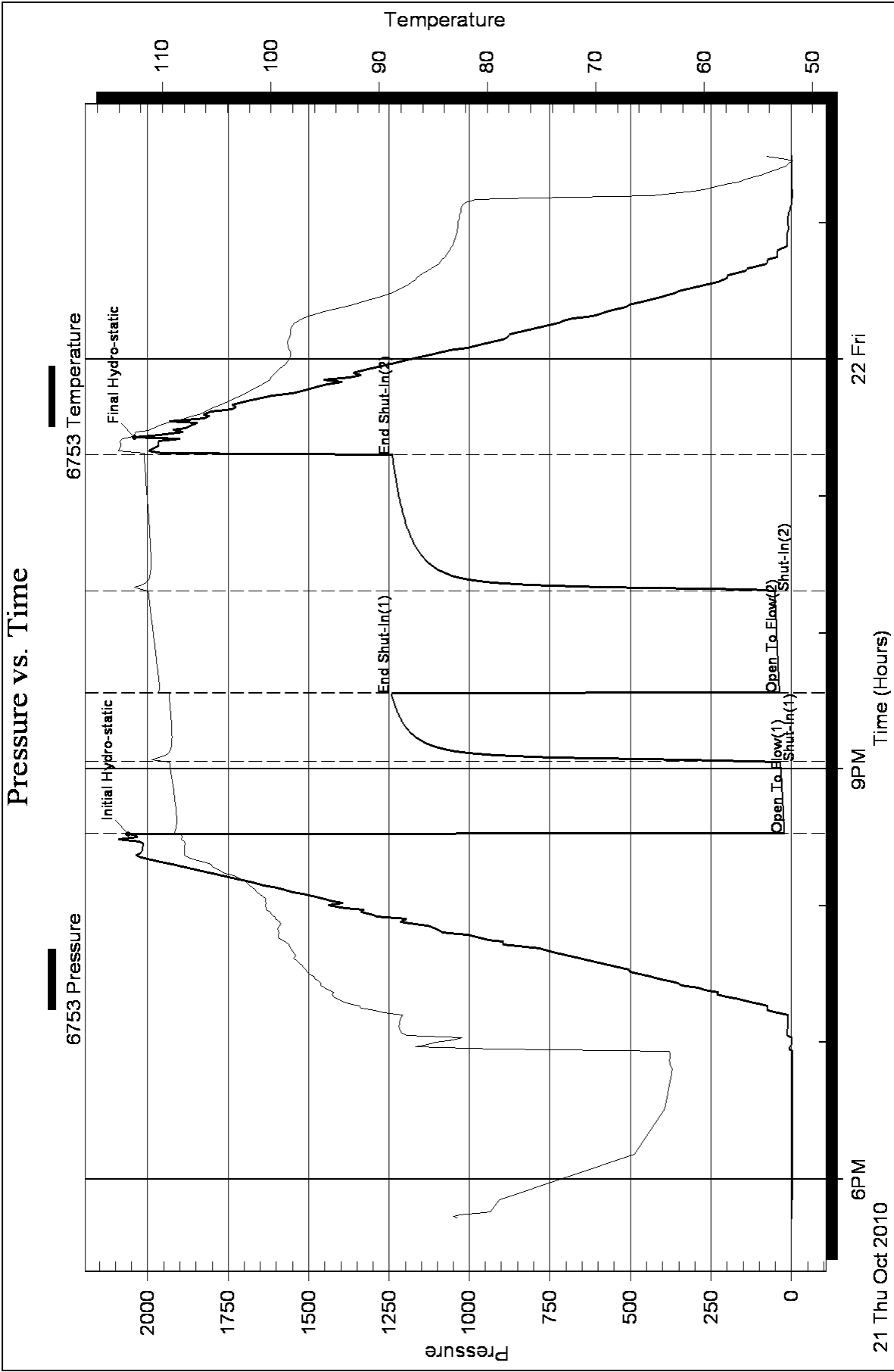
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

# Pressure vs. Time





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

New Gulf Operating, LLC

**Sowers #1**

6100 S. Yale STE 2010  
Tulsa Ok 74136

**5/15s/34w**

Job Ticket: 39506

**DST#: 3**

ATTN: Bob Stolzle

Test Start: 2010.10.22 @ 15:44:00

## GENERAL INFORMATION:

Formation: **Altamont "B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:15:30

Time Test Ended: 22:21:00

Test Type: Conventional Bottom Hole

Tester: Brad Walter

Unit No: 28

**Interval: 4232.00 ft (KB) To 4311.00 ft (KB) (TVD)**

Reference Elevations: 2966.00 ft (KB)

Total Depth: 4311.00 ft (KB) (TVD)

2958.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 6753**

**Inside**

Press @ Run Depth: 30.98 psig @ 4245.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.10.22 End Date: 2010.10.22

Last Calib.: 2010.10.22

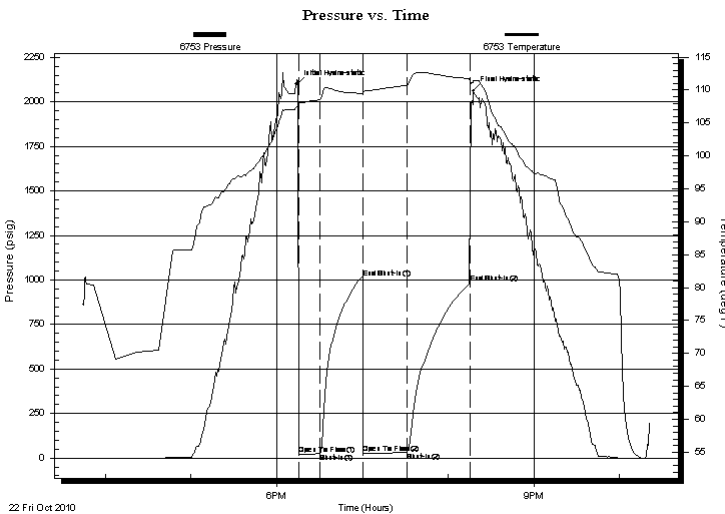
Start Time: 15:44:05 End Time: 22:20:59

Time On Btm: 2010.10.22 @ 18:13:45

Time Off Btm: 2010.10.22 @ 20:17:30

**TEST COMMENT:** IF: Built to 1 1/2 inches blow.  
IS: No return.  
FF: Surface blow, started @ 7 1/2 minutes.  
FS: No Return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2099.62	107.35	Initial Hydro-static
2	18.99	107.65	Open To Flow (1)
17	24.66	108.56	Shut-In(1)
47	1009.64	109.54	End Shut-In(1)
47	25.25	109.58	Open To Flow (2)
77	30.98	110.75	Shut-In(2)
122	981.38	111.75	End Shut-In(2)
124	2061.26	111.41	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
35.00	w cm 10%w 90%m	0.49

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

New Gulf Operating, LLC

**Sowers #1**

6100 S. Yale STE 2010  
Tulsa Ok 74136

**5/15s/34w**

Job Ticket: 39506

**DST#: 3**

ATTN: Bob Stolzle

Test Start: 2010.10.22 @ 15:44:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.40 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
35.00	w cm 10%w 90%m	0.491

Total Length: 35.00 ft      Total Volume: 0.491 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

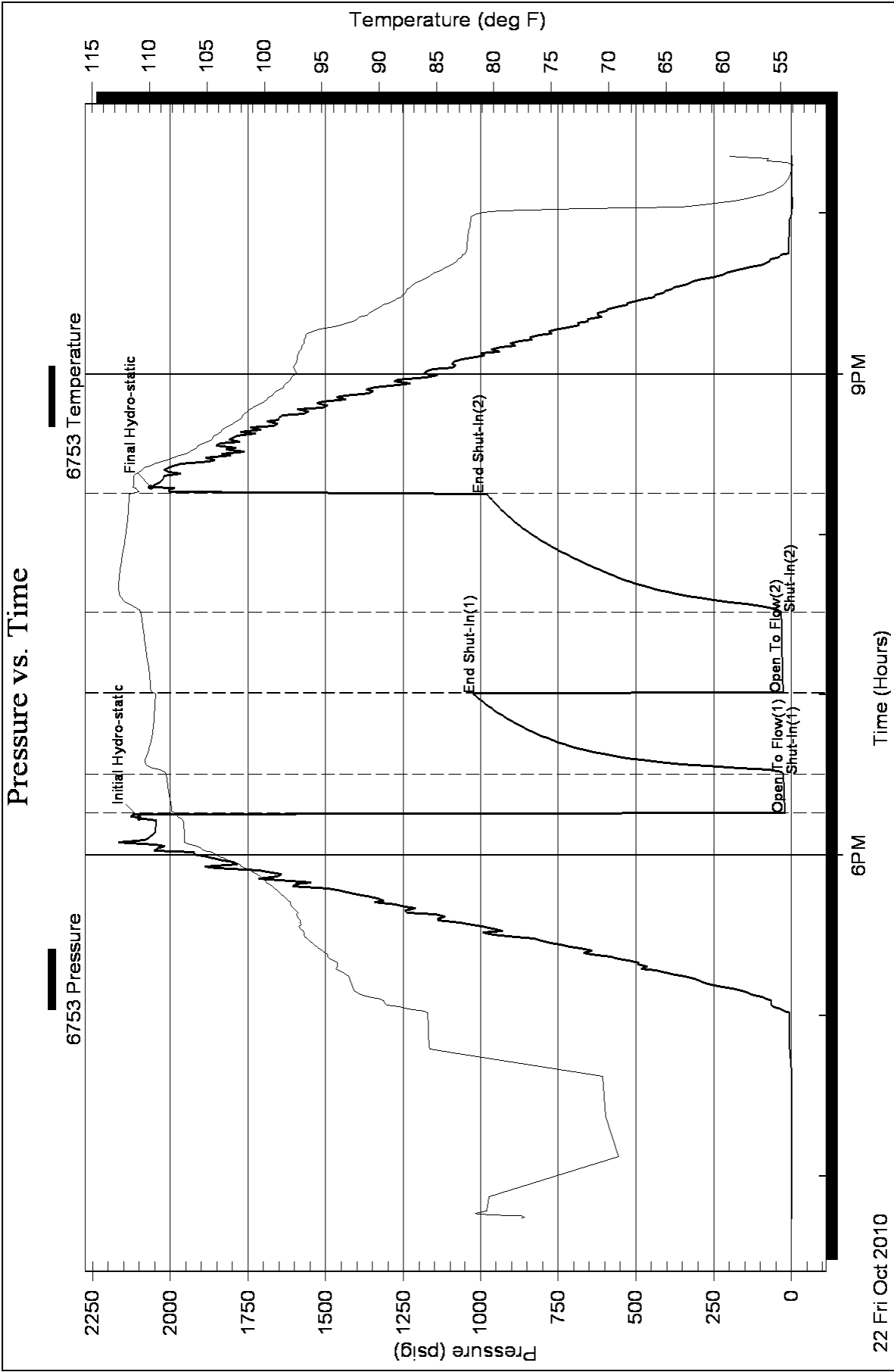
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

New Gulf Operating, LLC

**Sowers #1**

6100 S. Yale STE 2010  
Tulsa Ok 74136

**5/15s/34w**

Job Ticket: 39507

**DST#: 4**

ATTN: Bob Stolzle

Test Start: 2010.10.23 @ 21:46:00

## GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:49:30

Time Test Ended: 04:33:45

Test Type: Conventional Bottom Hole

Tester: Brad Walter

Unit No: 28

**Interval: 4427.00 ft (KB) To 4520.00 ft (KB) (TVD)**

Reference Elevations: 2966.00 ft (KB)

Total Depth: 4520.00 ft (KB) (TVD)

2958.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 6753 Inside**

Press @ Run Depth: 18.38 psig @ 4428.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.10.23

End Date:

2010.10.24

Last Calib.: 2010.10.24

Start Time: 21:46:05

End Time:

04:33:44

Time On Btm: 2010.10.24 @ 00:49:15

Time Off Btm: 2010.10.24 @ 02:21:00

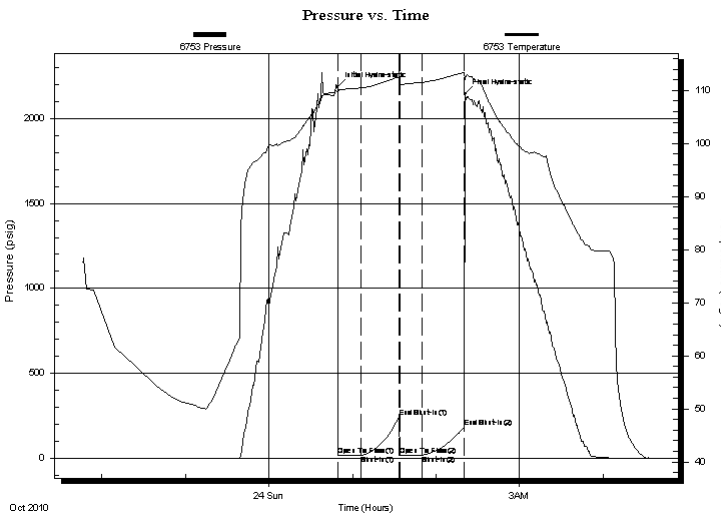
**TEST COMMENT:** IF: Surface Blow died @ 14minutes.

IS: No return.

FF: No blow .

No Return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2186.10	109.92	Initial Hydro-static
1	16.07	109.63	Open To Flow (1)
17	16.54	110.45	Shut-In(1)
45	242.99	112.56	End Shut-In(1)
45	18.82	111.00	Open To Flow (2)
61	18.38	111.50	Shut-In(2)
91	184.34	113.38	End Shut-In(2)
92	2145.43	112.25	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100% <sub>m</sub>	0.14

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

New Gulf Operating, LLC

**Sowers #1**

6100 S. Yale STE 2010  
Tulsa Ok 74136

**5/15s/34w**

Job Ticket: 39507

**DST#: 4**

ATTN: Bob Stolzle

Test Start: 2010.10.23 @ 21:46:00

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 2.00 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbf
10.00	Mud 100%m	0.140

Total Length: 10.00 ft      Total Volume: 0.140 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

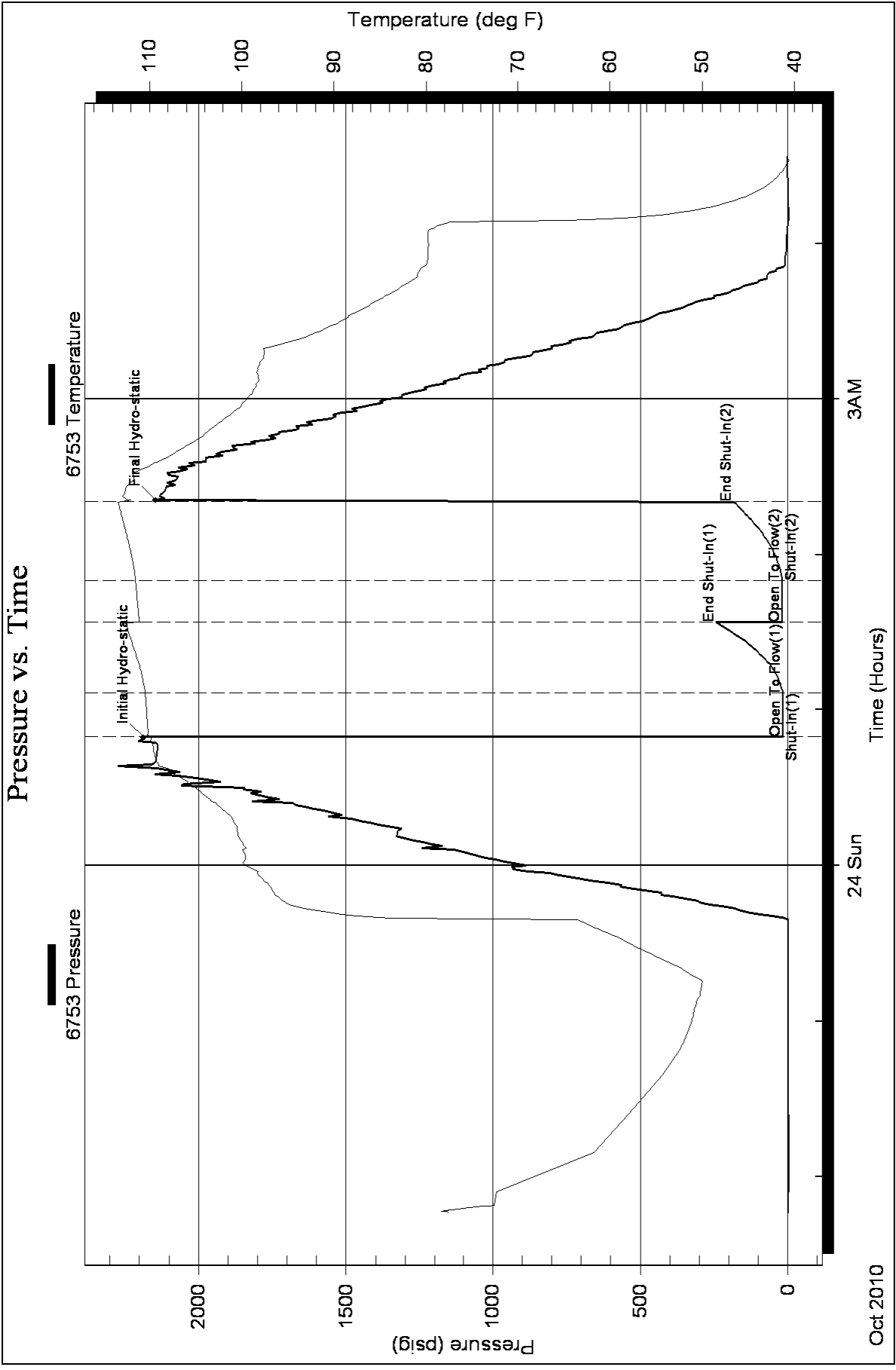
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





**CONSOLIDATED**  
Oil Well Services, LLC

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

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

INVOICE

Invoice # 237359

Invoice Date: 10/15/2010 Terms:

Page 1

NEW GULF OPERATING LLC  
6310 EAST 102ND ST.  
TULSA OK 74137  
( ) -

SOWERS#1  
5-15-34  
10-14-10

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	170.00	16.0000	2720.00
1102	CALCIUM CHLORIDE (50#)	480.00	.8800	422.40
1118B	PREMIUM GEL / BENTONITE	320.00	.2000	64.00

Sublet Performed	Description	Total
9999-100	CASH DISCOUNT	-938.78

Description	Hours	Unit Price	Total
439 MIN. BULK DELIVERY	1.00	390.00	390.00
445 CEMENT PUMP (SURFACE)	1.00	985.00	985.00
445 EQUIPMENT MILEAGE (ONE WAY)	25.00	4.50	112.50

COMPANY NGO. KS  
WELL # SOWERS 1  
AFE # \_\_\_\_\_  
G/L ACCT CODE 1510-14  
G/L DESCRIPT Cement Surface Pipe  
DATA ENTRY/DATE \_\_\_\_\_  
AUTHORIZED/DATE 10-28-10 WPK

*Okay Per Danay*

Parts:	3206.40	Freight:	.00	Tax:	250.10	AR	4005.22
Labor:	.00	Misc:	.00	Total:	4005.22		
Sublt:	-938.78	Supplies:	.00	Change:	.00		

Signed \_\_\_\_\_

Date \_\_\_\_\_

BARTLESVILLE, OK  
918/338-0808

ELDORADO, KS  
316/322-7022

EUREKA, KS  
620/583-7664

GILLETTE, WY  
307/686-4914

OAKLEY, KS  
785/672-2227

OTTAWA, KS  
785/242-4044

THAYER, KS  
620/839-5269

WORLAND, WY  
307/347-4577



**CONSOLIDATED**  
Oil Well Services, LLC

TICKET NUMBER 28631  
LOCATION Oakley Ks  
FOREMAN Pat Heisler

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

**FIELD TICKET & TREATMENT REPORT  
CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-14-10	5661	Sowers #1	5	153	34 <sup>W</sup>	Logan
CUSTOMER <u>New Golf Operating, LLC</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>6310 East 102nd St.</u>			<u>445</u>	<u>Shannon F</u>		
CITY <u>Tulsa</u>			<u>439</u>	<u>Pat H.</u>		
STATE <u>OK</u>	ZIP CODE <u>74137</u>					

JOB TYPE Surface-O HOLE SIZE 12 1/4 HOLE DEPTH \_\_\_\_\_ CASING SIZE & WEIGHT 8 5/8-23 #

CASING DEPTH \_\_\_\_\_ DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_

SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT IN CASING 15'

DISPLACEMENT 12 1/2 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 5 RPM

REMARKS: Safety Meeting; Rig up to casing, circ 15 min,  
mix 170 sks com, 3%cc-2%gal, release Plug + Displace 12 1/2 BBL H2O  
shut in  
Cement Did Circ

*Thank You  
Pat + Crew*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	985 <sup>00</sup>	985 <sup>00</sup>
5406	2.5 miles	MILEAGE	4 <sup>50</sup>	112 <sup>50</sup>
11045	170 SKs	Class A cement	16 <sup>00</sup>	2720 <sup>00</sup>
1102	480 #	Calcium Chloride	1 <sup>88</sup>	422 <sup>40</sup>
1118B	320 #	Bentonite Gel	2 <sup>00</sup>	64 <sup>00</sup>
5407	7.99	Ten milage Delivery (in ar)	1 <sup>50</sup>	390 <sup>00</sup>
			<i>239 359</i>	
			<i>Subtotal</i>	
			<i>Less; 20% Disc</i>	
			<i>4,693<sup>90</sup></i>	
			<i>938<sup>78</sup></i>	
			<i>3,755<sup>12</sup></i>	
			<i>250<sup>10</sup></i>	
			<i>4,005<sup>22</sup></i>	
			SALES TAX	
			ESTIMATED	
			TOTAL	

Ravin 3737

AUTHORIZATION

*[Signature]*

TITLE

DATE

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



PO BOX 31 Russell, KS 67665

# INVOICE

Invoice Number: 125087

Invoice Date: Oct 28, 2010

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

<b>Bill To:</b>
New Gulf Operating, LLC 6100 S. Yale, Suite 2010 Tulsa, OK 74136

Federal Tax I.D.#: 20-5975804

Customer ID	Well Name# or Customer P.O.	Payment Terms	
NewG	Sowers #1-5	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Oakley	Oct 28, 2010	11/27/10

Quantity	Item	Description	Unit Price	Amount
147.00	MAT	Class A Common	15.45	2,271.15
98.00	MAT	Pozmix	8.00	784.00
9.00	MAT	Gel	20.80	187.20
61.00	MAT	Flo Seal	2.50	152.50
257.00	SER	Handling	2.40	616.80
50.00	SER	Mileage 257 sx @.10 per sk per mi	25.70	1,285.00
1.00	SER	Plug to Abandon	2,092.00	2,092.00
50.00	SER	Pump Truck Mileage	7.00	350.00
1.00	EQP	8.5/8 Plug	40.00	40.00

COMPANY \_\_\_\_\_  
 WELL # Sowers #1  
 AFE # \_\_\_\_\_  
 G/L ACCT CODE 1510-19  
 G/L DESCRIPT Cementing Surface  
 DATA ENTRY/DATE \_\_\_\_\_  
 AUTHORIZED/DATE 11-8-10 WJK

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 1400<sup>15</sup>

ONLY IF PAID ON OR BEFORE

**Nov 22, 2010**

Subtotal	7,778.65
Sales Tax	567.84
Total Invoice Amount	8,346.49
Payment/Credit Applied	
<b>TOTAL</b>	<b>8,346.49</b>