



**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

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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ 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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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# ALLIED CEMENTING CO., LLC. 034497

Federal Tax I.D. # 20-5975804

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

SERVICE POINT  
Great Plains

DATE	6-10-12	SEC	31	TWP	21	RANGE	23	CALLED OUT	ON LOCATION	9:00am	JOB START	2:00pm	JOB FINISH	7:00am
LEASE	McCaughey													
WELL #	1-31													
LOCATION	Stromore, MO, 13, 145													
OLD OR NEW (Circle one)	New													

CONTRACTOR *Mazurek 106* OWNER *Same*

TYPE OF JOB *Surface*

HOLE SIZE I.D. *2 3/4* DEPTH *235.841*  
 CASING SIZE I.D. *8 1/2* DEPTH *235.841*  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG. *15*  
 PERFS.  
 DISPLACEMENT *19.36 bbl*

EQUIPMENT  
 PUMP TRUCK CEMENTER *Kayene*  
 # *398* HELPER *Dan*  
 BULK TRUCK # *378* DRIVER *Kenneth*  
 BULK TRUCK # *378* DRIVER *Kenneth*

REMARKS:  
 MAX 150 gpm cement  
 Depressure with water  
 Cement did circulate  
 Thank you

CHARGE TO: *Decker Oil Co.*  
 STREET  
 STATE ZIP  
 CITY

To Allied Cementing Co., LLC.  
 You are hereby requested to rent cementing equipment and furnish cement 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 *Craig Kottelwa*  
 SIGNATURE *Craig Kottelwa*

PLUG & FLOAT EQUIPMENT  
 TOTAL 2330.00  
 DISCOUNT IF PAID IN 30 DAY

SERVICE  
 DEPTH OF JOB 235.24  
 PUMP TRUCK CHARGE 1185.00  
 EXTRA FOOTAGE 7.00 560.00  
 MILEAGE 2.00 325.00  
 MANIFOLD 4.00 320.00  
 TOTAL 2330.00

COMMON 150 lbs @ 16.25 2437.50  
 POZ MIX 350 @ 21.25 7437.50  
 GEL 585 @ 58.20 34035.00  
 CHLORIDE 585 @ 58.20 34035.00  
 ASC  
 HANDLING 16.25 @ 2437.50  
 MILBAGE 2 items @ 21.25 42.50  
 TOTAL 45247.50

CEMENT AMOUNT ORDERED 150 lbs per bag  
 220 gal  
 150 lbs @ 16.25 2437.50



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Deutsch Oil Co.

8100 E 22nd St N  
Wichita KS 67226

ATTN: Keith Reavis

**31-21s-23w Hodgeman Co KS**

**McGaughey # 1-31**

Job Ticket: 45903

**DST#: 2**

Test Start: 2012.06.16 @ 05:44:00

## GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:25:55

Time Test Ended: 14:50:40

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 40

**Interval: 4604.00 ft (KB) To 4624.00 ft (KB) (TVD)**

Reference Elevations: 2366.00 ft (KB)

Total Depth: 4624.00 ft (KB) (TVD)

2356.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

**Serial #: 8652 Inside**

Press @ Run Depth: 73.84 psig @ 4606.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.06.16

End Date:

2012.06.16

Last Calib.:

2012.06.16

Start Time: 05:44:00

End Time:

14:50:40

Time On Btm:

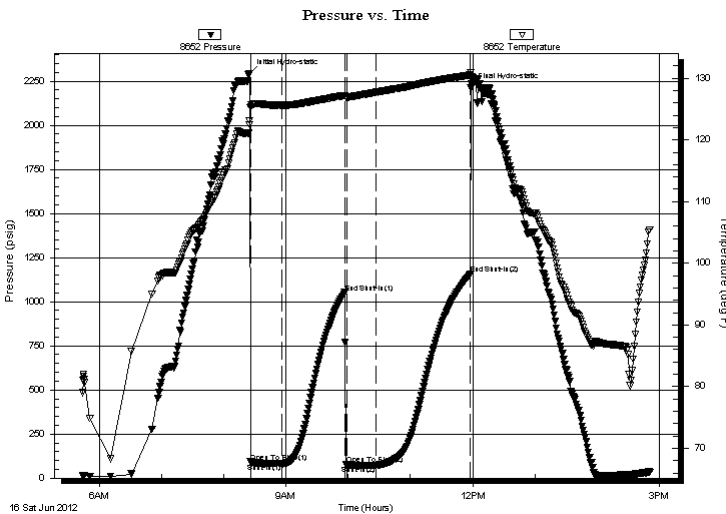
2012.06.16 @ 08:24:55

Time Off Btm:

2012.06.16 @ 11:58:09

**TEST COMMENT:** IF- 2" Blow Chased the Tool to Bottom 5 to 6'  
IS- No Blow  
FF- Weak Surface Blow Died in 26min  
FS- No Blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2294.59	123.08	Initial Hydro-static
1	90.86	125.41	Open To Flow (1)
31	82.40	125.61	Shut-In(1)
92	1052.34	127.20	End Shut-In(1)
94	76.66	126.95	Open To Flow (2)
123	73.84	127.72	Shut-In(2)
213	1154.53	130.51	End Shut-In(2)
214	2211.21	130.95	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
40.00	100% m with Skim of Oil on Top	0.56

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Deutsch Oil Co.

**31-21s-23w Hodgeman Co KS**

8100 E 22nd St N  
Wichita KS 67226

**McGaughey # 1-31**

Job Ticket: 45903

**DST#: 2**

ATTN: Keith Reavis

Test Start: 2012.06.16 @ 05:44:00

**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: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.16 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3900.00 ppm

Filter Cake: 1.00 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
40.00	100% m with Skim of Oil on Top	0.561

Total Length: 40.00 ft      Total Volume: 0.561 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

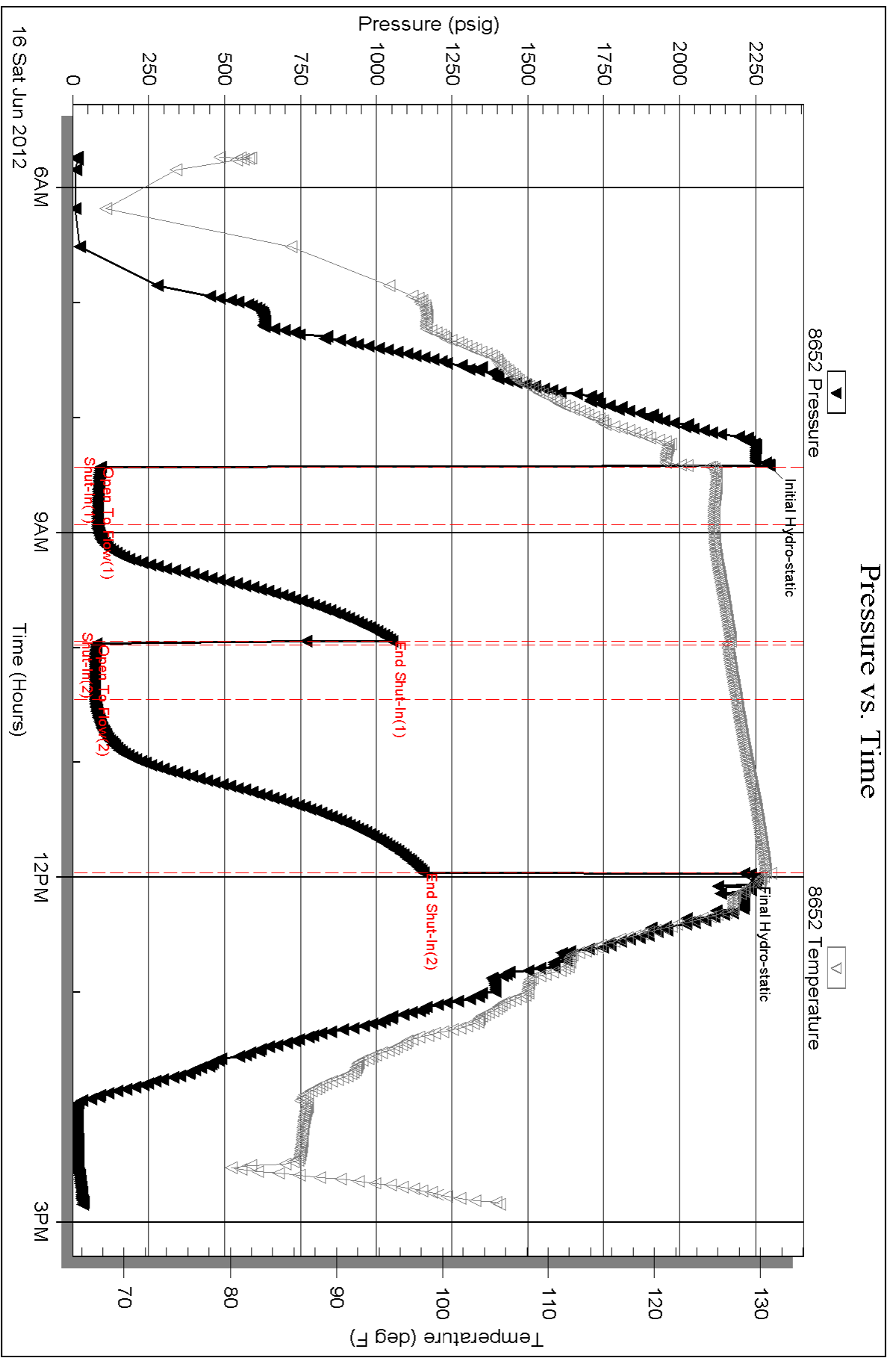
Serial #: 8652

Inside

Deutsch Oil Co.

McGaughey # 1-31

DST Test Number: 2



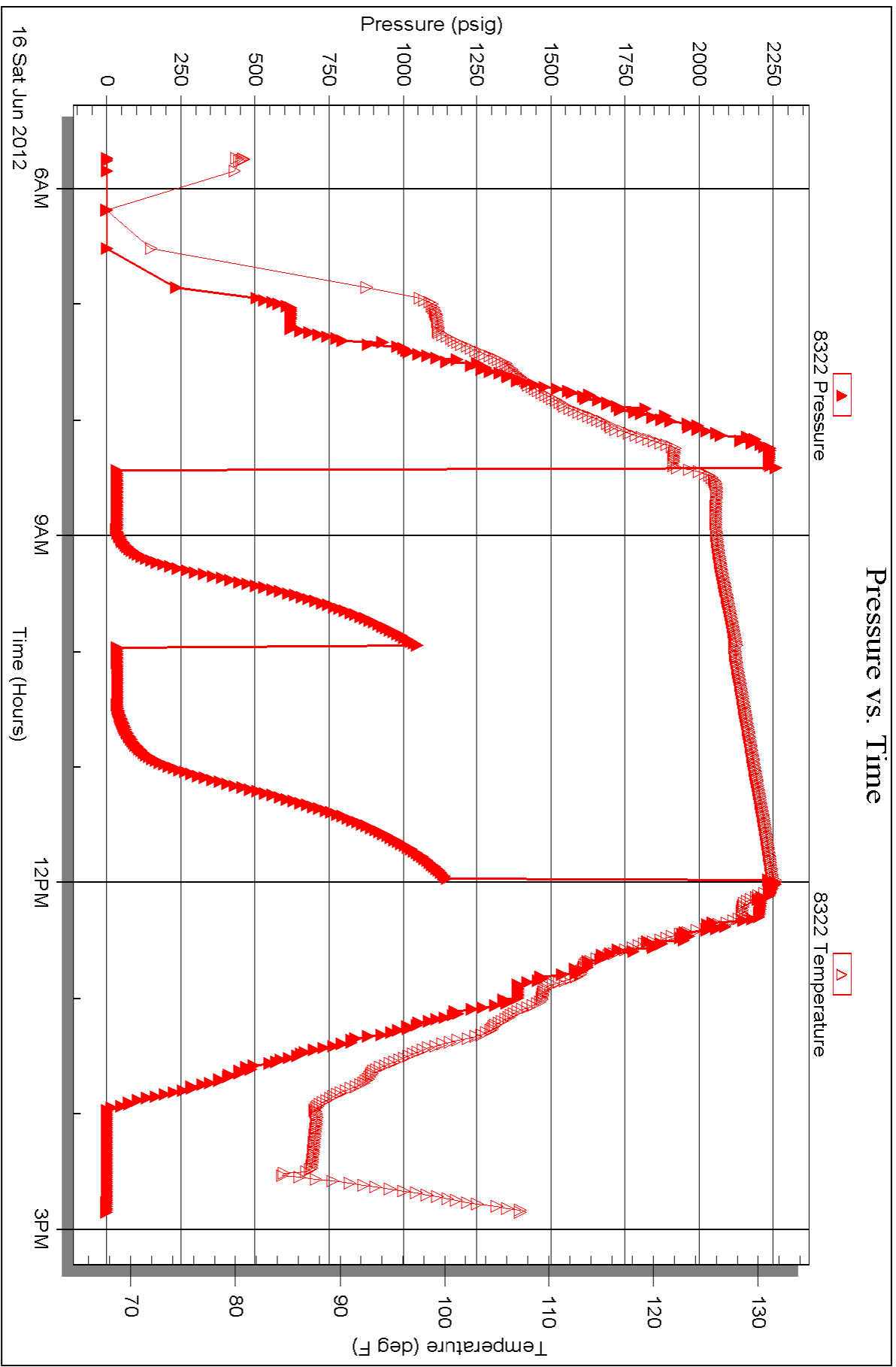


Serial #: 8322

Outside Deutsch Oil Co.

McGaughey # 1-31

DST Test Number: 2





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Deutsch Oil Co.

**31-21s-23w Hodgeman Co KS**

8100 E 22nd St N  
Wichita KS 67226

**McGaughey # 1-31**

Job Ticket: 45902

**DST#: 1**

ATTN: Keith Reavis

Test Start: 2012.06.15 @ 10:50:00

## GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:11:10

Time Test Ended: 19:37:55

Test Type: Conventional Bottom Hole (Initial)

Tester: Will MacLean

Unit No: 40

**Interval: 4536.00 ft (KB) To 4604.00 ft (KB) (TVD)**

Reference Elevations: 2366.00 ft (KB)

Total Depth: 4604.00 ft (KB) (TVD)

2356.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 8652 Inside**

Press @ Run Depth: 76.77 psig @ 4539.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.06.15

End Date:

2012.06.15

Last Calib.:

2012.06.15

Start Time:

10:50:00

End Time:

19:37:55

Time On Btm:

2012.06.15 @ 13:08:25

Time Off Btm:

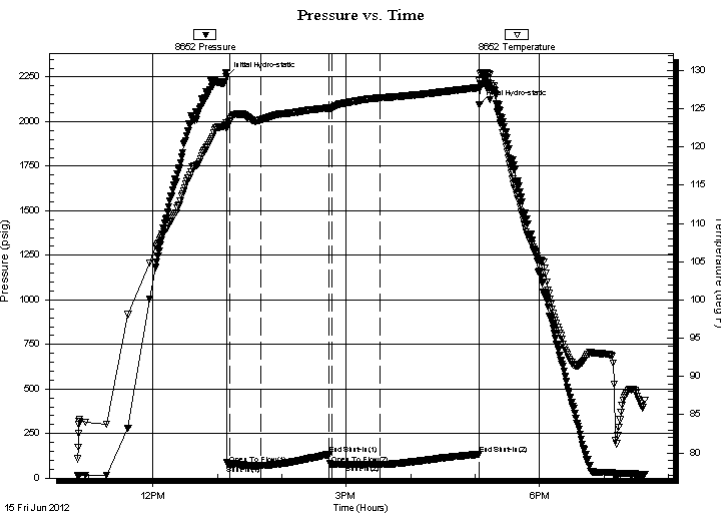
2012.06.15 @ 17:03:54

**TEST COMMENT:** IF- Weak Surface Blow Built to 3/4"

IS- No Blow

FF- Weak Surface Blow Died in 8min Flushed Tool at 30min Weak Surface Blow Died in 2min

FS- No Blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2251.29	123.14	Initial Hydro-static
3	77.26	123.28	Open To Flow (1)
32	70.07	123.54	Shut-In(1)
96	132.49	125.12	End Shut-In(1)
98	76.71	125.13	Open To Flow (2)
144	76.77	126.43	Shut-In(2)
236	133.80	127.78	End Shut-In(2)
236	2095.80	128.70	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1.00	GO 5%g 95%oil	0.01
30.00	GOCM 2%g 8%oil 90%m	0.42

## Gas Rates

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



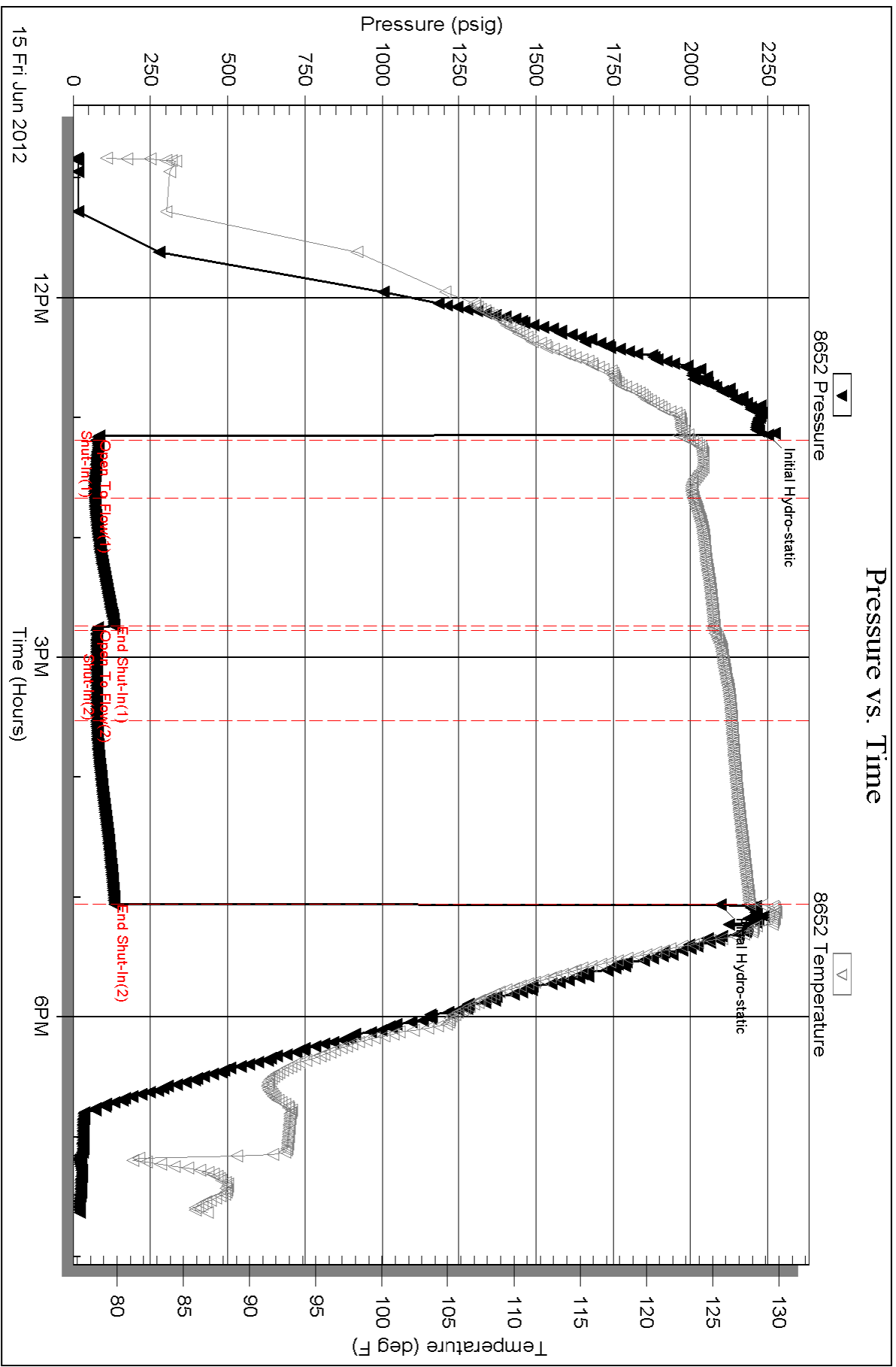
Serial #: 8652

Inside

Deutsch Oil Co.

McGaughey # 1-31

DST Test Number: 1



Serial #: 8322

Outside Deutsch Oil Co.

McGaughey # 1-31

DST Test Number: 1

