



KANSAS CORPORATION COMMISSION 1086066
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

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
- 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: _____



1086066

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 |
|---|---|

| 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 |
|-----------------------------------|-----------|---------|-------------|---------------|---------|

| | | |
|--|---|---|
| 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: _____ _____ |
|--|---|---|

| | |
|-----------|--|
| Form | ACO1 - Well Completion |
| Operator | Deutsch, Kent A. dba Deutsch Oil Company |
| Well Name | STALLINGS 1-31 |
| Doc ID | 1086066 |

Tops

| Name | Top | Datum |
|---------------|------|-------|
| Heebner Sh. | 4028 | 1564 |
| Lansing | 4086 | 1622 |
| Base K.C. | 4504 | 2040 |
| Marmaton | 4516 | 2052 |
| Pawnee | 4588 | 2124 |
| Ft. Scott | 4616 | 2152 |
| Cherokee Sand | 4734 | 2270 |
| Mississippi | 4802 | 2338 |

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

June 28, 2012

Kent Deutsch
Deutsch, Kent A. dba Deutsch Oil Company
8100 E 22ND ST N
WICHITA, KS 67226

Re: ACO1
API 15-083-21744-00-00
STALLINGS 1-31
SW/4 Sec.31-23S-23W
Hodgeman 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,
Kent Deutsch

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

July 02, 2012

Kent Deutsch
Deutsch, Kent A. dba Deutsch Oil Company
8100 E 22ND ST N
WICHITA, KS 67226

Re: ACO-1
API 15-083-21744-00-00
STALLINGS 1-31
SW/4 Sec.31-23S-23W
Hodgeman County, Kansas

Dear Kent Deutsch:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 01/06/2012 and the ACO-1 was received on June 28, 2012 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department

ALLIED CEMENTING CO., LLC.

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: *Goodland*

| | | | | | | | | | | | | | | |
|------------|--------------|--------|------|----------|------------------------|-------|----|-------------|--------|------------|--------|------------|--------|--|
| DATE | 3-1-12 | SEC | 31 | TWP | 23 | RANGE | 23 | ON LOCATION | | JOB START | 3:30pm | JOB FINISH | 4:30pm | |
| LEASE | 424/1119 | WELL # | 1-31 | LOCATION | Terra 6 south 1/2 East | | | | COUNTY | Hutchinson | STATE | Kansas | | |
| OLD OR NEW | (circle one) | | | | | | | | | | | | | |

CONTRACTOR *Chyenne Well Service*

TYPE OF JOB *Port Collier*

HOLE SIZE

CASING SIZE *5 1/2*

TUBING SIZE *2 7/8*

DRILL PIPE

TOOL DEPTH *Port Collier 160 to 1608*

PRES. MAX

MINIMUM

MEAS. LINE

SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT *21.6*

EQUIPMENT

PUMP TRUCK *Cementor Labaree / Martin*

224 HELPER *Don P*

BULK TRUCK

492-195 DRIVER *Kevin W*

BULK TRUCK

DRIVER

REMARKS:

Set Bridge plug 19' of sand

Open port Collier

Mix 225 skt

Close port Collier

Work out

Wags sand off Bridge plug

Thank you

CHARGE TO: *Deutch Oil Co*

STREET

CITY

STATE

ZIP

PRINTED NAME *David Barry*

SIGNATURE *David Barry*

TERMS AND CONDITIONS listed on the reverse side.

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.

To Allied Cementing Co., LLC.

TOTAL 2819.00

PLUG & FLOAT EQUIPMENT

DEPTH OF JOB *3732*

PUMP TRUCK CHARGE *2225.00*

EXTRA FOOTAGE

MILEAGE *Hum 54 7.00/mile 378.00*

MANIFOLD

WFLR Mileage 54 4.00/mile 216.00

TOTAL 2819.00

SERVICE

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ALLIED OIL & GAS SERVICES, LLC

053355

Federal Tax I.D.# 20-5975804

P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Liberals, KS.

| | | | | | | | | | | | | | |
|-------------------------|------------------------------------|------|----|------|-----|-------|-----|-------------|-------------|-----------|--------|------------|--------|
| DATE | 1-07-12 | SEC. | 31 | TWP. | 235 | RANGE | 23w | CALLLED OUT | ON LOCATION | JOB START | 5:00pm | JOB FINISH | 5:30pm |
| LEASE | Stallings | | | | | | | | | | | | |
| WELL # | 1-31 | | | | | | | | | | | | |
| LOCATION | South of Jetmore KS. Hodagmen K-S. | | | | | | | | | | | | |
| OLD OR NEW (Circle one) | NEW | | | | | | | | | | | | |
| CONTRACTOR | Maverick Drilling #108 | | | | | | | | | | | | |

| | | | | | | | | | | | | | |
|---------------------|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|
| TYPE OF JOB | Surface | | | | | | | | | | | | |
| HOLE SIZE | 12 1/4 | | | | | | | | | | | | |
| CASING SIZE | 8 5/8 | | | | | | | | | | | | |
| DEPTH | 268.87 | | | | | | | | | | | | |
| TUBING SIZE | 3" CC 2 1/2 gal | | | | | | | | | | | | |
| DRILL PIPE | | | | | | | | | | | | | |
| TOOL | | | | | | | | | | | | | |
| PRES. MAX | MINIMUM | | | | | | | | | | | | |
| MEAS. LINE | SHOE JOINT | | | | | | | | | | | | |
| CEMENT LEFT IN CSG. | | | | | | | | | | | | | |
| PERFS. | DISPLACEMENT | | | | | | | | | | | | |

| | | | | | | | | | | | | | |
|-----------|----------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| EQUIPMENT | PUMP TRUCK CEMENTER Kerny | | | | | | | | | | | | |
| | #470-484 HELPER Josc | | | | | | | | | | | | |
| | #472-467 DRIVER Lemmy & Jeremiah | | | | | | | | | | | | |
| | BULK TRUCK | | | | | | | | | | | | |
| | BULK TRUCK | | | | | | | | | | | | |
| | DRIVER | | | | | | | | | | | | |

| | | | | | | | | | | | | | |
|----------|--------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| REMARKS: | THANK YOU!!! | | | | | | | | | | | | |
| | CHARGE TO: Deutseh Oil Company | | | | | | | | | | | | |
| | CITY STATE ZIP | | | | | | | | | | | | |
| | SIGNATURE | | | | | | | | | | | | |

| | | | | | | | | | | | | | |
|---------|--------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| SERVICE | DEPTH OF JOB | | | | | | | | | | | | |
| | PUMP TRUCK CHARGE 1125.00 | | | | | | | | | | | | |
| | EXTRA FOOTAGE @ 30 7.00 210.00 | | | | | | | | | | | | |
| | MILEAGE @ 4.00 120.00 | | | | | | | | | | | | |
| | MANIFOLD @ 4.00 120.00 | | | | | | | | | | | | |
| | Light VM. range 30 | | | | | | | | | | | | |
| TOTAL | 1455.00 | | | | | | | | | | | | |

| | | | | | | | | | | | | | |
|------------------------|-------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| PLUG & FLOAT EQUIPMENT | 1 @ 112.00 112.00 | | | | | | | | | | | | |
| | 1 @ 112.00 112.00 | | | | | | | | | | | | |
| | 1 @ 112.00 112.00 | | | | | | | | | | | | |
| | 1 @ 112.00 112.00 | | | | | | | | | | | | |
| | 1 @ 112.00 112.00 | | | | | | | | | | | | |
| TOTAL | 112.00 | | | | | | | | | | | | |

| | | | | | | | | | | | | | |
|--------------------|------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| SALES TAX (If Any) | | | | | | | | | | | | | |
| TOTAL CHARGES | \$5844.90 | | | | | | | | | | | | |
| DISCOUNT | \$4675.92 IF PAID IN 30 DAYS | | | | | | | | | | | | |



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Deutsch Oil Company
8100 E. 22nd Street North
Building 600
Wichita, KS. 67226
ATTN: Kent Deutsch

31-23s-23w-Hodgeman

Stallings #1-31

Job Ticket: 44718

DST#: 1

Test Start: 2012.01.14 @ 19:35:41

GENERAL INFORMATION:

Formation: **Cherokee Sand**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 22:07:11

Time Test Ended: 04:17:41

Test Type: Conventional Bottom Hole (Initial)

Tester: Jason McLemore

Unit No: 54

Interval: 4724.00 ft (KB) To 4740.00 ft (KB) (TVD)

Reference Elevations: 2464.00 ft (KB)

Total Depth: 4740.00 ft (KB) (TVD)

2451.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8673

Inside

Press @ Run Depth: 221.07 psig @ 4727.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.01.14

End Date:

2012.01.15

Last Calib.:

2012.01.15

Start Time: 19:35:43

End Time:

04:17:41

Time On Btm:

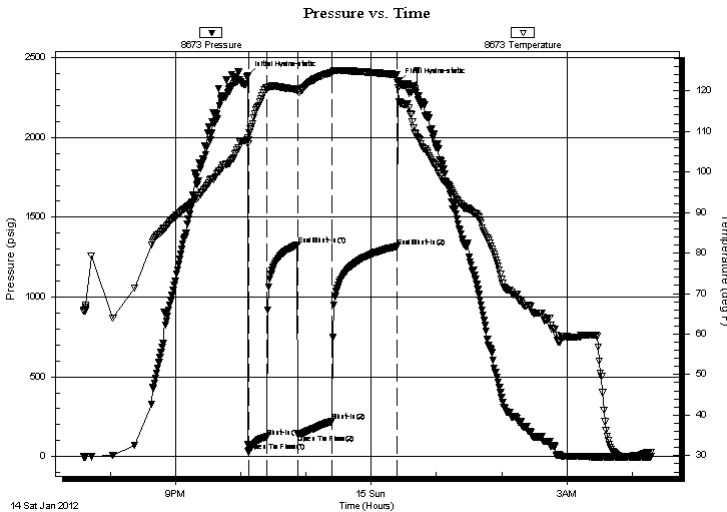
2012.01.14 @ 22:06:41

Time Off Btm:

2012.01.15 @ 00:24:26

TEST COMMENT: IFP-Strong, BOB in 4-1/2 Min.
ISI-Blow back Built to 5"
FFP-Strong, BOB in 5 Min.
FSI-Blow back Built to 7"

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2386.88 | 108.44 | Initial Hydro-static |
| 1 | 31.10 | 107.95 | Open To Flow (1) |
| 18 | 123.57 | 120.72 | Shut-In(1) |
| 46 | 1328.04 | 120.35 | End Shut-In(1) |
| 46 | 140.30 | 119.85 | Open To Flow (2) |
| 78 | 221.07 | 124.54 | Shut-In(2) |
| 138 | 1316.54 | 123.97 | End Shut-In(2) |
| 138 | 2344.15 | 124.01 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------------------|--------------|
| 240.00 | Gassy MCO-30%G-60%O-10%M | 1.20 |
| 315.00 | Free Oil | 4.42 |
| 0.00 | 465' Gas In Pipe | 0.00 |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Deutsch Oil Company

31-23s-23w-Hodgeman

8100 E. 22nd Street North
Building 600
Wichita, KS. 67226
ATTN: Kent Deutsch

Stallings #1-31

Job Ticket: 44718

DST#: 1

Test Start: 2012.01.14 @ 19:35:41

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|--------------------------|----------------|
| 240.00 | Gassy MCO-30%G-60%O-10%M | 1.198 |
| 315.00 | Free Oil | 4.419 |
| 0.00 | 465' Gas In Pipe | 0.000 |

Total Length: 555.00 ft

Total Volume: 5.617 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8673

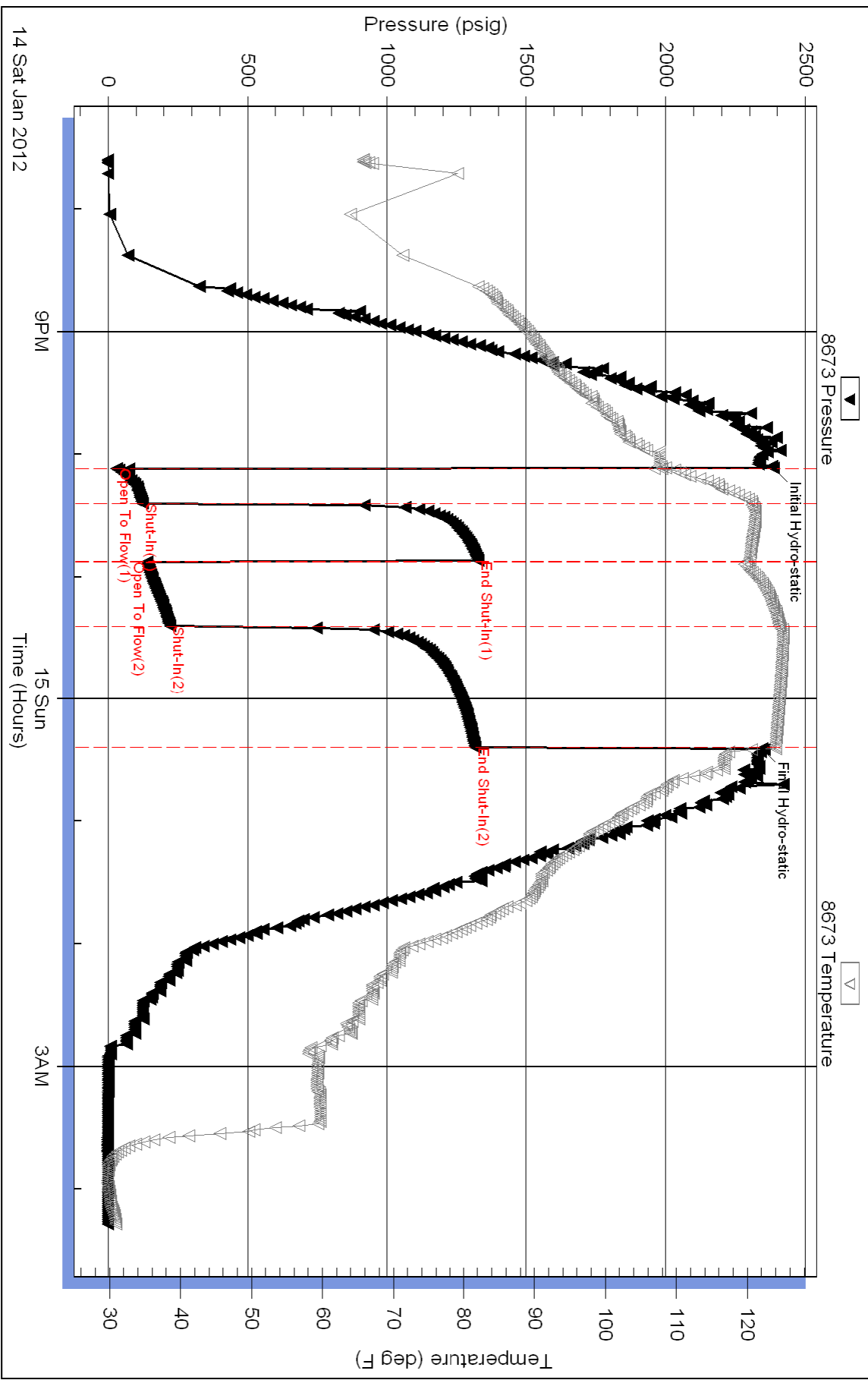
Inside

Deutsch Oil Company

Stallings #1-31

DST Test Number: 1

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 44718

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