



KANSAS CORPORATION COMMISSION 1124118
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: _____



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 (Specify) _____ <i>(Submit ACO-4)</i> | PRODUCTION INTERVAL: _____ _____ |
|---|---|--|

| | |
|-----------|------------------------|
| Form | ACO1 - Well Completion |
| Operator | BEREXCO LLC |
| Well Name | Mears A 2-9 |
| Doc ID | 1124118 |

Tops

| Name | Top | Datum |
|------------------|------|-------|
| Anhydrite | 3208 | +46 |
| Anhydrite (base) | 3240 | +14 |
| Foraker | 3774 | -520 |
| Topeka | 3998 | -744 |
| Oread | 4130 | -676 |
| Lansing A | 4210 | -956 |
| Lansing B | 4270 | -1016 |
| Lansing C | 4324 | -1070 |
| Lansing D | 4366 | -1112 |
| Lansing E | 4412 | -1158 |
| Lansing F | 4455 | -1201 |
| Pawnee | 4606 | -1352 |
| Cherokee | 4666 | -1412 |
| RTD | 4754 | -1500 |
| LTD | 4760 | -1506 |

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

March 13, 2013

Rodney Reynolds
BEREXCO LLC
2020 N. BRAMBLEWOOD
WICHITA, KS 67206-1094

Re: ACO1
API 15-023-21356-00-00
Mears A 2-9
SE/4 Sec.09-01S-37W
Cheyenne 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,
Rodney Reynolds

WELL

ALLIED OIL & GAS SERVICES, LLC 056345

Federal Tax I.D.# 20-5976804

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

SERVICE POINT: Oakley, KS

Table with columns: DATE, SEC., TWP., RANGE, CALLED OUT, ON LOCATION, JOB START, JOB FINISH, LEASE, WELL #, LOCATION, COUNTY, STATE, OLD OR NEW (Circle one)

Table with columns: CONTRACTOR, TYPE OF JOB, HOLE SIZE, CASING SIZE, TUBING SIZE, DRILL PIPE, TOOL, PRES. MAX, MEAS. LINE, CEMENT LEFT IN CSG., PERFS., DISPLACEMENT

Table with columns: OWNER, CEMENT, AMOUNT ORDERED

Table with columns: COMMON, POZMIX, GEL, CHLORIDE, ASC, HANDLING, MILEAGE

Table with columns: EQUIPMENT, PUMP TRUCK CEMENTER, HELPER, BULK TRUCK, DRIVER

REMARKS: Max 225 sks cement Displace with water Cement did circulate Thank you

CHARGE TO: Berexco STREET CITY STATE ZIP

Table with columns: SERVICE, DEPTH OF JOB, PUMP TRUCK CHARGE, EXTRA FOOTAGE, MILEAGE, MANIFOLD

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.

PRINTED NAME: STEVEN E. ROBBINS SIGNATURE: [Handwritten Signature]

TOTAL 1897.25 PLUG & FLOAT EQUIPMENT

Table with columns: TOTAL, SALES TAX (If Any), TOTAL CHARGES, DISCOUNT

SALES TAX (If Any) 384.54 TOTAL CHARGES 8,576.73 DISCOUNT 2573.01 IF PAID IN 30 DAYS 3070 6003.72

ALLIED OIL & GAS SERVICES, LLC

058814

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:

Dakley

| | | | | | | | |
|--------------------------------|-------------------|--|-----------------|------------|----------------------|-------------------------|--------------------------|
| DATE <i>11/30/12</i> | SEC <i>9</i> | TWP <i>1</i> | RANGE <i>37</i> | CALLED OUT | ON LOCATION | JOB START <i>1:30pm</i> | JOB FINISH <i>3:00pm</i> |
| BASE <i>Meas A</i> | WELL # <i>2-9</i> | LOCATION <i>Bird City N TO CR #1 3 1/2</i> | | | COUNTY <i>Dawson</i> | STATE <i>KS NE</i> | |
| OLD OR <u>NEW</u> (Circle one) | | E 2 N E 1/4 N 10 E 1/4 R 10 | | | | | |

CONTRACTOR *Beredco 10*
 TYPE OF JOB *Production*
 HOLE SIZE *7 1/2* T.D. _____
 CASING SIZE *5 1/2* DEPTH *4752*
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT *43.3*
 CEMENT LEFT IN CSG. *43.30*
 PERFS. _____
 DISPLACEMENT *13 1/4 BBL 160*
 EQUIPMENT _____

OWNER *Same*
 CEMENT AMOUNT ORDERED *500 SK ALW 3/4 # Flo Seal*
225 SK Com 10% Salt 5" C/S Granite
270 gal
 COMMON *275* @ *17.90* *4922.50*
 POZMIX @ _____
 GEL *5* @ *23.40* *117.00*
 CHLORIDE @ _____
 ALW *500* @ *15.95* *7975.00*
 Flo Seal *375* @ *2.97* *1113.75*
 Salt *29* @ *26.35* *764.15*
 Granite *1375 lb* @ *98* *1347.50*
 HANDLING *913.875* @ *2.48* *2266.46*
 MILEAGE *270/mile 37.97* @ *12.80* *4936.96*
 TOTAL *23443.27*

PUMP TRUCK CEMENTER *Alan*
 # *422* HELPER *Wayne*
 BULK TRUCK # *540* DRIVER *David*
 BULK TRUCK # *347* DRIVER *Chris*

REMARKS:

1898.87
 1512 RH 103K May 475 5/8 Dia 5 1/2" Jnl w/
 225 SK Com 270 gal 10% salt 5" C/S Granite w/ 1000 P/S
 270 gal Disp Flow Plug w/ 1500 P/S 5" start
 50 BBL out 2000 P/S 1" Com Plug @ 2800 P/S
 Seal Lift 2500 P/S w/ 112" P/S Displacement
 Cement Job Circulate 14 BBL
 Frank Yin
 Alan, Wayne, Chris, David

SERVICE
 DEPTH OF JOB *4752'*
 PUMP TRUCK CHARGE *2765.25*
 EXTRA FOOTAGE @ _____
 MILEAGE *50* @ *7.70* *385.00*
 MANIFOLD *Head* @ *225.00* *n/c*
Cite Valve 50 @ *4.90* *n/c*
 West Allocation @ _____
 HPS

CHARGE TO: *Beredco*
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL ~~23443.27~~
3150.25

PLUG & FLOAT EQUIPMENT

Bfu Float shoe @ *232.00* *232.00*
catch down Assembly @ *184.00* *184.00*
20 Cones @ *37.00* *740.00*
44 Rec'd. Surt (bars) @ *46.00* *2024.00*
4 Bar Nets @ *178.00* *712.00*
 TOTAL *3892.00*

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.

SALES TAX (if Any) *-0-*
 TOTAL CHARGES *30,486.02*
 DISCOUNT *8383.65* IF PAID IN 30 DAYS
22102.37
27.570

PRINTED NAME _____
 SIGNATURE *Ed Jones*

**BEREXCO, LLC.
MEARS A # 2-9
NESE SECTION 9 1S-37W
CHEYENNE COUNTY, KANSAS**

**GEOLOGIST
WILLIAM B. BYNOG**

MEARS A # 2-9 SAMPLE DESCRIPTIONS
BEREDCO DRILLING RIG 10, DRILLING 7 7/8 HOLE

ANHYDRITE 3202(+48) S

3208(+46) L

BASE 4245(+9) S

3240(+14) L

MEARS A 1 to 9 SAMPLE DESCRIPTIONS

3500-3660 SHALE red,firm,very silty,argillaceous

3660-82 LIMESTONE h,firm,fossils, chalky,poor porosity,no shows

3682-3722 SHALE as above

3722-70 LIMESTONE white,slightly hard,very sandy,poor porosity,no shows with thin interbed SHALE
as above

MEARS A # 2-9 SAMPLE DESCRIPTIONS

FOAKER

3770-3800 LIMESTONE white,hard,dense,slightly chalky,sandy,poor porosity,no shows,abundant Chert orange

3800-20 LIMESTONE white,pale green,firm,very sandy,poor porosity,abundant Chert orange

3820-72 LIMESTONE gray,hard,very fossils, sandy in part,argillaceous,poor porosity,no shows with thin SHALE d gray,firm,silty

3872-3926 SHALE red,firm,silty,argillaceous with thin LIMESTONE buff,hard,slightly fossils,poor porosity, rare dead black stain

3926-44 LIMESTONE buff,hard,fossils,chalky in part,poor porosity,spotty dead black stain

3944-66 SHALE as above

3966-76 LIMESTONE buff,hard,fossils, dense,poor porosity,spotty black dead stain

3976-90 SHALE as above

TOPEKA

3990-4000 LIMESTONE buff,pale yell, very hard,dense,blocky,no shows

MEARS A # 2-9 SAMPLE DESCRIPTIONS

4000-42 SHALE red,soft,silty,very argillaceous with interbed LIMESTONE as above

4042-75 LIMESTONE white,buff,very fossils,chalky,granular,poor porosity,no shows, thin SHALE as above

4075-90 LIMESTONE pale gray,buff,very hard,dense,blocky,smth texture,no shows

4090-4122 SHALE as above

4122-32 LIMESTONE white,firm,oolitic, chalky in part,poor to fair intg and pinpoint vuggy porosity,spotty to even live brown stain,very good cut,fair odor,good show free oil

OREAD

4132-66 LIMESTONE buff,hard,blocky, dense,poor porosity,no shows

4166-4210 SHALE dark gray,red,green,firm, silty,sandy in part

LANSING A

4210-14 GRAINSTONE white, firm,oolitic,chalky in part,poor to fair intg and crystalline porosity,spotty live brown stain,good cut,good show free oil

4210-30 LIMESTONE buff,very hard,dense, blocky,some sandy in part,no shows

4230-35 SANDSTONE white,tan,firm,very fine grained, clay fled,poor porosity,no shows

MEARS A # 2-9 SAMPLE DESCRIPTIONS

4235-65 SHALE red,firm,silty

B ZONE

4263-70 LIMESTONE white,buff,hard,slightly fossils,poor vuggy porosity,spotty live black thick stain,good cut,good show free oil

4270-4295 LIMESTONE buff,very hard,dense, smth texture,very blocky,no shows with thin SHALE green,firm,fissile

4295-4318 SHALE green,firm,fissile,silty in part

C ZONE

4318-26 GRAINSTONE white, firm,very oolitic,fair to trace good intg porosity,spotty to even live brown stain, very good cut,good show free oil

4326-40 LIMESTONE buff,very hard,dense,blocky, smth texture,chalky in part,no shows

4340-60 SHALE green,gray,firm,fissile,waxy

D ZONE

4360-75 LIMESTONE pale gray,buff,very hard,dense,slightly fossils,chalky in part,poor porosity,no shows

4375-82 SHALE as above

MEARS A # 2-9 SAMPLE DESCRIPTIONS

4382-94 LIMESTONE buff,very hard,dense, blocky,trace poor pinpoint porosity,very spotty brns stain,poor cut

4394-4412 SHALE red,green,firm,silty,argillaceous

E ZONE

4412-20 GRAINSTONE white, firm,very fossils,fair intergranular porosity, spotty live brown stain,good cut,good show free oil

4420-26 LIMESTONE buff,hard,blocky,dense,no shows

4426-48 SHALE green,firm,fissile

4448-55 SANDSTONE white,green,friable,very fine grained, clay fled,poor porosity,no shows

F ZONE

4455-68 LIMESTONE buff,hard,blocky, dense,chalky in part,no shows

4468-76 SHALE red,green,firm,fissile, waxy

4476-88 LIMESTONE buff,slightly hard,oolitic,chalky in part,poor porosity,no shows

MEARS A # 2-9 SAMPLE DESCRIPTIONS

4488-4556 SHALE as above with thin LIMESTONE buff,pale gray,hard,dense,blocky,slightly argillaceous

4556-6884 LIMESTONE white,buff,hard, blocky,fossils,poor porosity,no shows

4584-4606 SHALE red,green,gray,firm,fissile,waxy with thin LIMESTONE as above

PAWNEE

4608-18 GRAINSTONE white, firm,very oolitic,fair intg porosity,spotty live brown stain,good cut,good show free oil

4618-25 LIMESTONE gray,very hard,dense, blocky,argillaceous,no shows

3625-40 SHALE green,gray,firm,fissile,waxy

4640-4700 LIMESTONE pale gray,gray,very hard,dense,blocky with thin SHALE green,dark gray,firm,fissile

4700-06 SANDSTONE white,friable,very fine grained,clay fled,calcareous,poor porosity,no shows

4706-16 SHALE as above

4716-26 LIMESTONE white,firm,chalky, sandy in part,poor porosity,no shows with thin SHALE as above

MEARS A # 2-9 SAMPLE DESCRIPTIONS

4726-38 LIMESTONE white, chalky, very sandy, no shows, some SANDSTONE white, pale green, very fine to coarse grained, psrtd, angular, calcareous cement, no shows

4738-44 LIMESTONE buff, very hard, dense, blocky, no shows, one piece with rare brown live stain, faint cut

4744-54 SANDSTONE pale green, translucent, some pinkish grains, hard, very fine to coarse grained, psrtd, siliceous cement, poor porosity, no shows with thin SHALE as above

RTD 4754'

LTD 4760'



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco LLC
2020 N Bramblewood
Wichita KS 67206
ATTN: Bryan Bynog

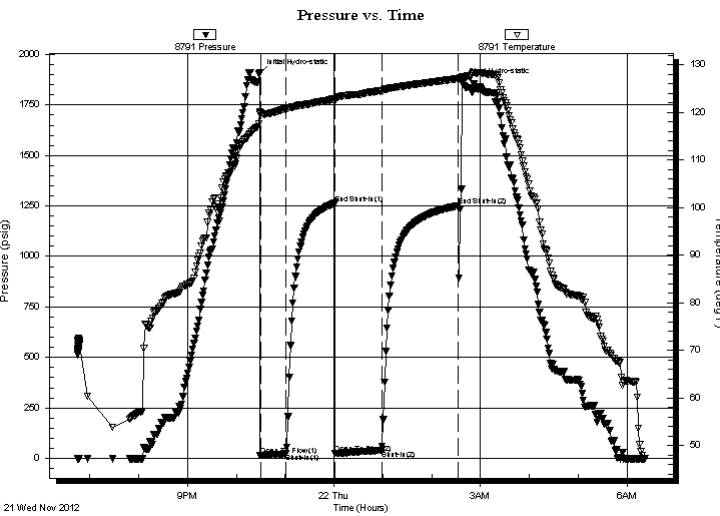
9-1s-37w
Mears A 2-9
Job Ticket: 51090 **DST#: 1**
Test Start: 2012.11.21 @ 18:45:00

GENERAL INFORMATION:

Formation: **Oread**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:29:30
Time Test Ended: 06:22:30
Interval: **4080.00 ft (KB) To 4138.00 ft (KB) (TVD)**
Total Depth: 4138.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor
Test Type: Conventional Bottom Hole (Initial)
Tester: Wilbur Steinbeck
Unit No: 61
Reference Elevations: 3254.00 ft (KB)
3243.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8791 Inside
Press @ RunDepth: 41.09 psig @ 4081.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.11.21 End Date: 2012.11.22 Last Calib.: 2012.11.22
Start Time: 18:45:01 End Time: 06:22:30 Time On Btm: 2012.11.21 @ 22:28:30
Time Off Btm: 2012.11.22 @ 02:37:30

TEST COMMENT: IF; Weak surface blow
IS; No Blow
FF; No Blow
FS; No Blow



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1907.49 | 120.07 | Initial Hydro-static |
| 1 | 14.75 | 119.82 | Open To Flow (1) |
| 32 | 22.69 | 120.70 | Shut-In(1) |
| 92 | 1262.91 | 122.76 | End Shut-In(1) |
| 93 | 24.84 | 122.61 | Open To Flow (2) |
| 150 | 41.09 | 124.60 | Shut-In(2) |
| 244 | 1250.37 | 127.04 | End Shut-In(2) |
| 249 | 1861.74 | 127.50 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 62.00 | Mud 100% | 0.30 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

9-1s-37w

2020 N Bramblewood
Wichita KS 67206

Mears A 2-9

Job Ticket: 51090

DST#: 1

ATTN: Bryan Bynog

Test Start: 2012.11.21 @ 18:45:00

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: 40.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 62.00 | Mud 100% | 0.305 |

Total Length: 62.00 ft Total Volume: 0.305 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

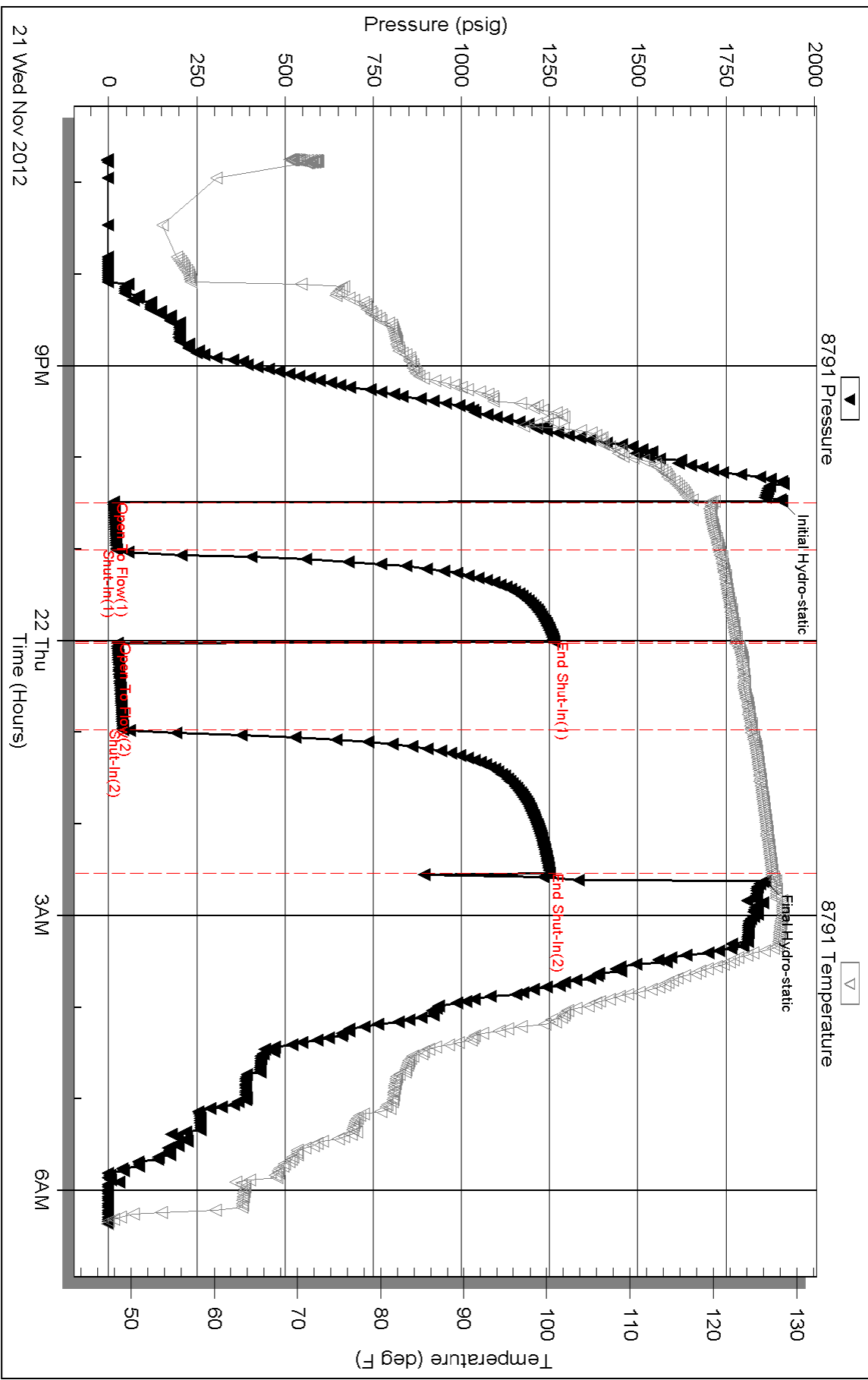
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Berexco LLC
2020 N Bramblewood
Wichita KS 67206
ATTN: Bryan Bynog

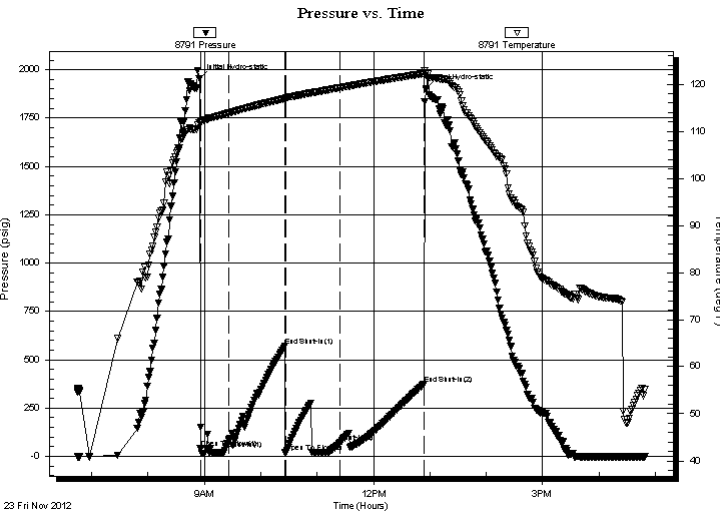
9-1s-37w
Mears A 2-9
Job Ticket: 51091 **DST#: 2**
Test Start: 2012.11.23 @ 06:45:00

GENERAL INFORMATION:

Formation: **Lan A**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:55:30
Time Test Ended: 16:49:00
Interval: **4150.00 ft (KB) To 4231.00 ft (KB) (TVD)**
Total Depth: 4138.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor
Reference Elevations: 3254.00 ft (KB)
3243.00 ft (CF)
KB to GR/CF: 11.00 ft
Test Type: Conventional Bottom Hole (Reset)
Tester: Wilbur Steinbeck
Unit No: 61

Serial #: 8791 Inside
Press @ Run Depth: 73.53 psig @ 4151.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.11.23 End Date: 2012.11.23 Last Calib.: 2012.11.23
Start Time: 06:45:01 End Time: 16:49:00 Time On Btm: 2012.11.23 @ 08:54:30
Time Off Btm: 2012.11.23 @ 12:55:30

TEST COMMENT: 30 IF; Weak surface blow died after 5 min
60 IS; No Blow
60 FF; Weak surface blow died after 5min
90 FS; No Blow



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1955.42 | 111.76 | Initial Hydro-static |
| 1 | 40.03 | 111.74 | Open To Flow (1) |
| 31 | 82.52 | 113.86 | Shut-In(1) |
| 91 | 569.19 | 116.94 | End Shut-In(1) |
| 92 | 20.44 | 117.01 | Open To Flow (2) |
| 150 | 73.53 | 119.27 | Shut-In(2) |
| 239 | 374.84 | 122.26 | End Shut-In(2) |
| 241 | 1903.86 | 122.47 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 32.00 | Mud 100% | 0.16 |
| | | |
| | | |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

9-1s-37w

2020 N Bramblewood
Wichita KS 67206

Mears A 2-9

Job Ticket: 51091

DST#: 2

ATTN: Bryan Bynog

Test Start: 2012.11.23 @ 06:45:00

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: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 32.00 | Mud 100% | 0.157 |

Total Length: 32.00 ft Total Volume: 0.157 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

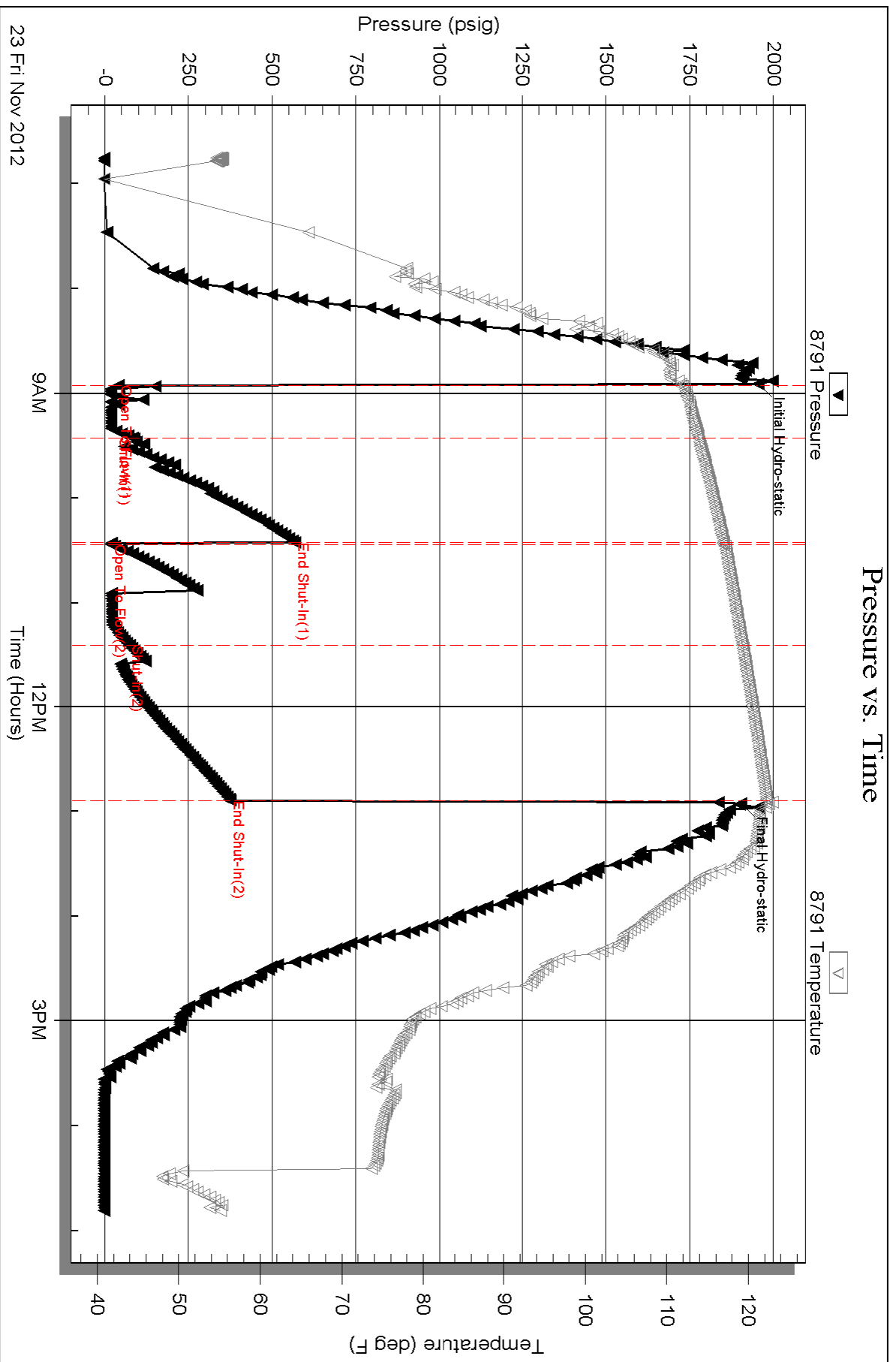
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC
 2020 N Bramblewood
 Wichita KS 67206
 ATTN: Bryan Bynog

9-1s-37w
Mears A 2-9
 Job Ticket: 43009 **DST#: 3**
 Test Start: 2012.11.24 @ 13:35:00

GENERAL INFORMATION:

Formation: **LKC-B,C**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 16:36:00
 Time Test Ended: 01:38:00
 Interval: **4228.00 ft (KB) To 4350.00 ft (KB) (TVD)**
 Total Depth: 4350.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chuck Kreuzer Jr.
 Unit No: 61
 Reference Elevations: 3254.00 ft (KB)
 3243.00 ft (CF)
 KB to GR/CF: 11.00 ft

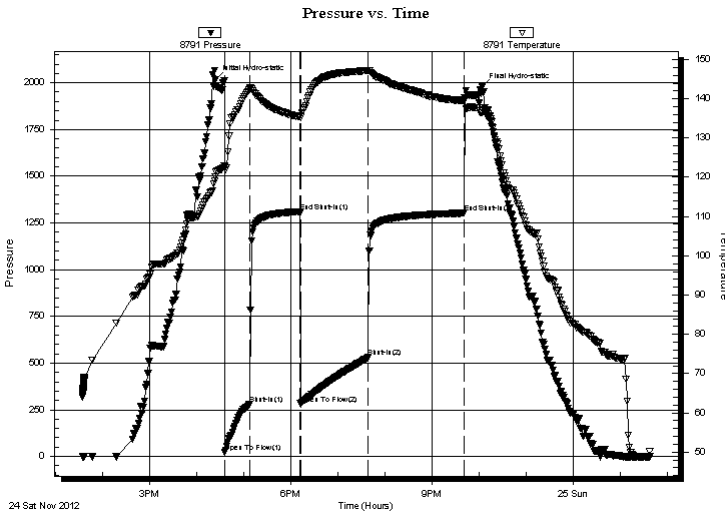
Serial #: 8791

Inside

Press @ Run Depth: 529.47 psig @ 4229.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.11.24 End Date: 2012.11.25 Last Calib.: 2012.11.25
 Start Time: 13:35:01 End Time: 01:38:00 Time On Btm: 2012.11.24 @ 16:24:00
 Time Off Btm: 2012.11.24 @ 22:04:00

TEST COMMENT: IF: Fair blow, Built to B.O.B in 22 mins.
 IS: No blow back over 60 mins.
 FF: Fair blow, Built to B.O.B in 70 mins.
 FS: No blow back over 120 mins.

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2018.75 | 120.18 | Initial Hydro-static |
| 12 | 23.26 | 122.61 | Open To Flow (1) |
| 44 | 279.37 | 142.44 | Shut-In(1) |
| 108 | 1307.23 | 135.41 | End Shut-In(1) |
| 109 | 282.20 | 135.29 | Open To Flow (2) |
| 195 | 529.47 | 147.23 | Shut-In(2) |
| 317 | 1302.81 | 139.44 | End Shut-In(2) |
| 340 | 1976.89 | 136.48 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------|--------------|
| 300.00 | water-100% | 1.48 |
| 240.00 | mcw-20%o80%w | 1.18 |
| 186.00 | vsocm-2%o98%m | 2.61 |
| 310.00 | ocm-10%o90%m | 4.35 |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

9-1s-37w

2020 N Bramblewood
Wichita KS 67206

Mears A 2-9

Job Ticket: 43009

DST#: 3

ATTN: Bryan Bynog

Test Start: 2012.11.24 @ 13:35:00

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:

40000 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 3.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|----------------------------|----------------|
| 300.00 | water-100% | 1.475 |
| 240.00 | mcw-20% m 80%w | 1.180 |
| 186.00 | vsocm-2% o 98%m | 2.609 |
| 310.00 | ocm-10% o 90%m | 4.348 |

Total Length: 1036.00 ft

Total Volume: 9.612 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

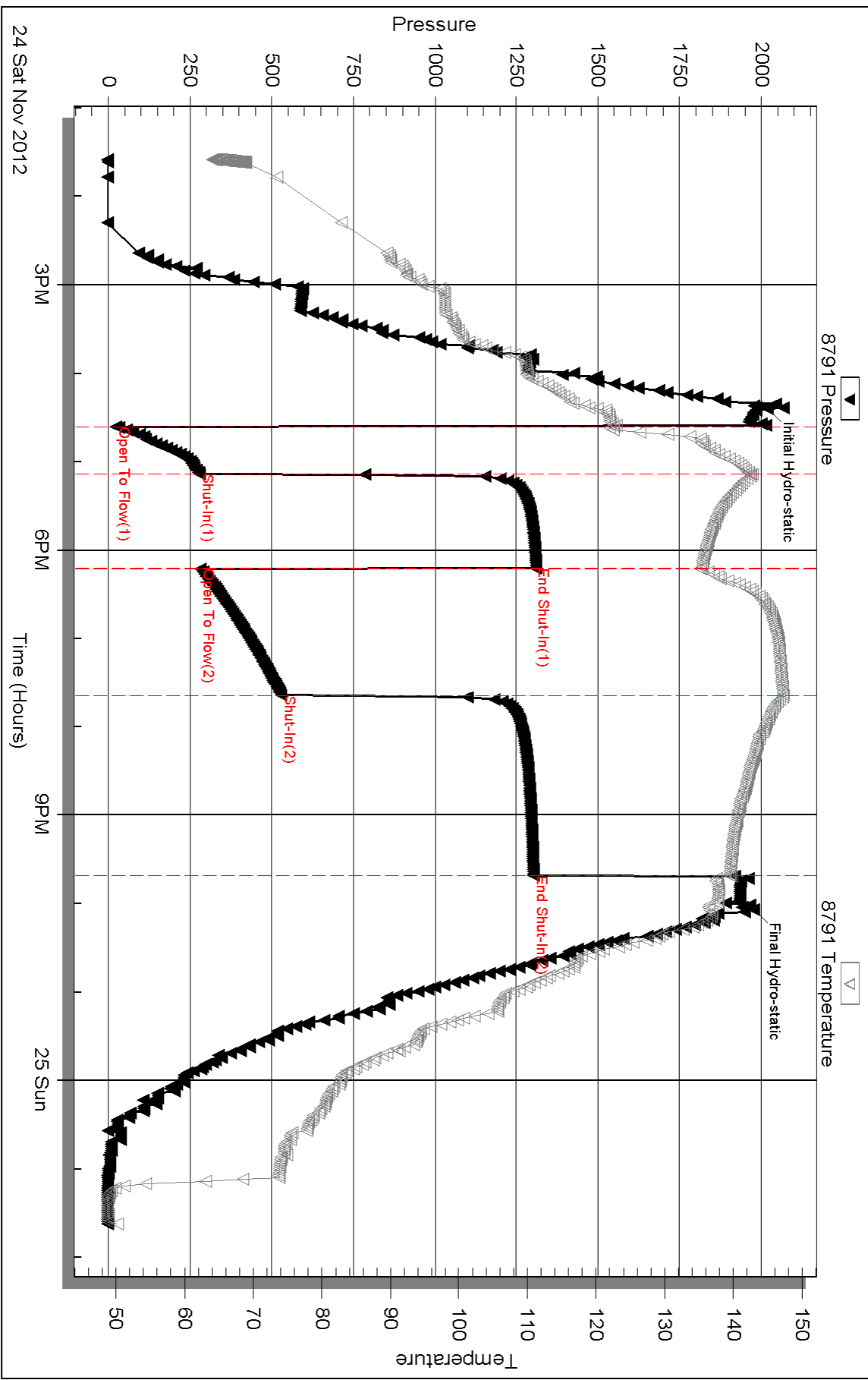
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco LLC

9-1s-37w

2020 N Bramblewood
Wichita KS 67206

Mears A 2-9

Job Ticket: 43010

DST#: 4

ATTN: Bryan Bynog

Test Start: 2012.11.25 @ 15:30:00

GENERAL INFORMATION:

Formation: **LKC-E**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:20:30

Time Test Ended: 01:01:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Kreuzer Jr.

Unit No: 61

Interval: 4338.00 ft (KB) To 4430.00 ft (KB) (TVD)

Reference Elevations: 3254.00 ft (KB)

Total Depth: 4430.00 ft (KB) (TVD)

3243.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 11.00 ft

Serial #: 8791

Inside

Press @ RunDepth: 2005.60 psig @ 4339.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.11.25

End Date:

2012.11.26

Last Calib.:

2012.11.26

Start Time: 15:30:01

End Time:

01:01:30

Time On Btm:

2012.11.25 @ 18:53:30

Time Off Btm:

2012.11.25 @ 21:58:30

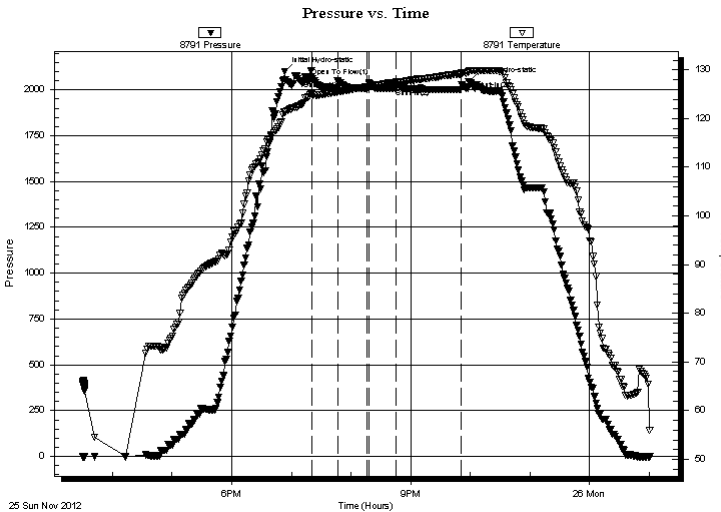
TEST COMMENT: IF: Just a few small bubbles after setting tool on bottom, Flushed tool. Nothing.

IS: No blow back

FF: No blow

FS: No blow back

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2099.81 | 121.34 | Initial Hydro-static |
| 27 | 2073.44 | 124.90 | Open To Flow (1) |
| 53 | 2048.60 | 125.50 | Shut-In(1) |
| 83 | 2008.52 | 126.53 | End Shut-In(1) |
| 85 | 2038.68 | 126.59 | Open To Flow (2) |
| 112 | 2005.60 | 127.40 | Shut-In(2) |
| 177 | 2000.24 | 129.23 | End Shut-In(2) |
| 185 | 2046.61 | 129.61 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------|--------------|
| 5.00 | mud w ith oil specs | 0.02 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

9-1s-37w

2020 N Bramblewood
Wichita KS 67206

Mears A 2-9

Job Ticket: 43010

DST#: 4

ATTN: Bryan Bynog

Test Start: 2012.11.25 @ 15:30:00

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: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|--------------------|----------------|
| 5.00 | mud with oil specs | 0.025 |

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

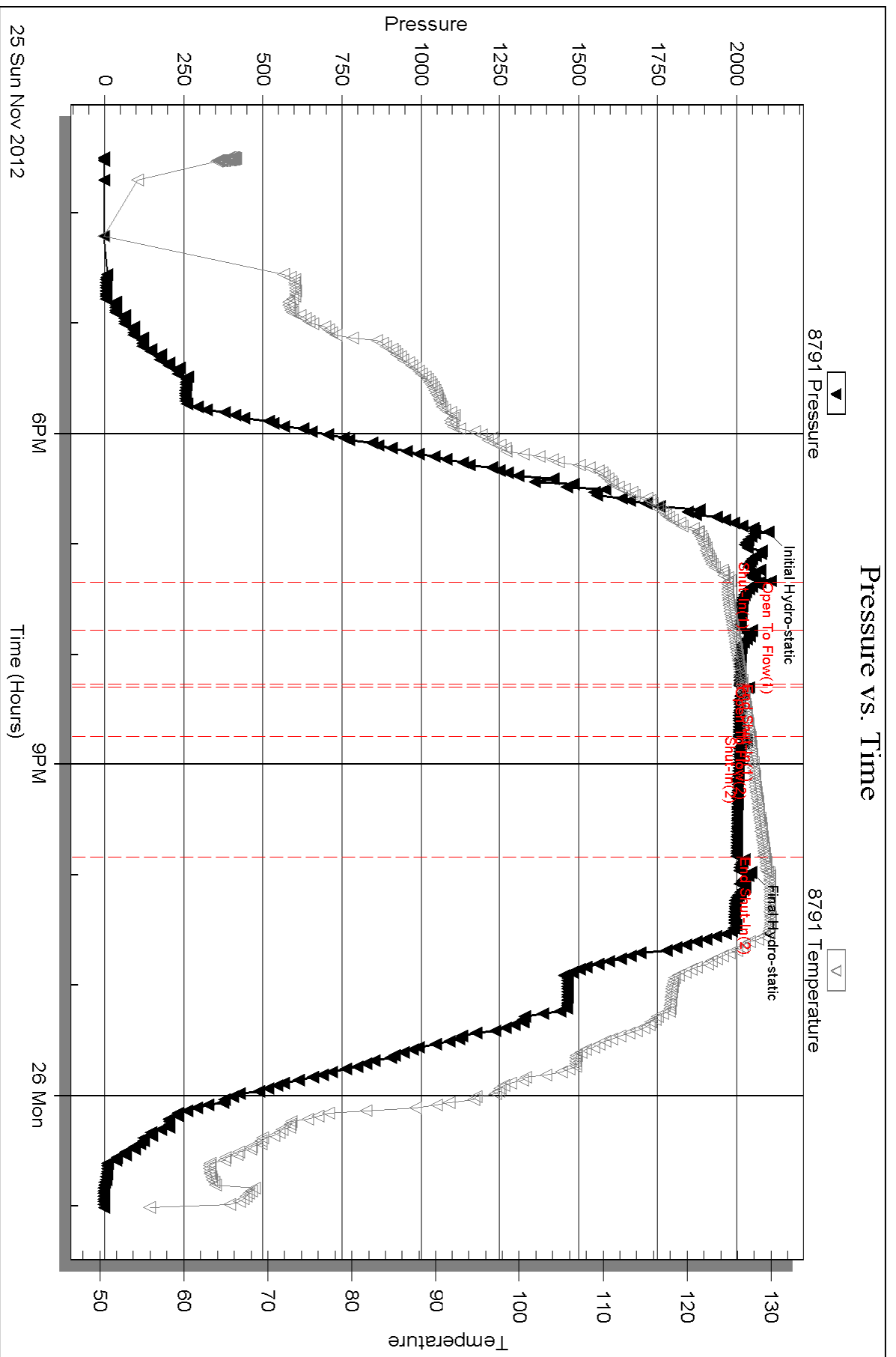
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC
 2020 N Bramblewood
 Wichita KS 67206
 ATTN: Bryan Bynog

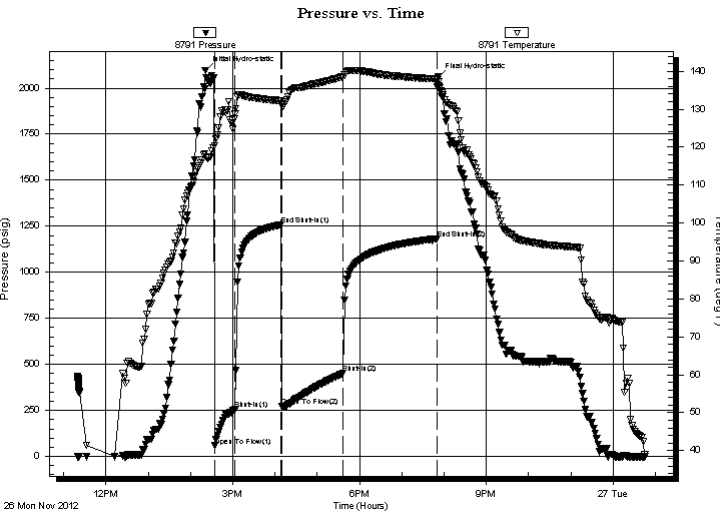
9-1s-37w
Mears A 2-9
 Job Ticket: 43011 **DST#: 5**
 Test Start: 2012.11.26 @ 11:20:00

GENERAL INFORMATION:

Formation: **LKC-D,E**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:34:30
 Time Test Ended: 00:46:00
 Interval: **4336.00 ft (KB) To 4430.00 ft (KB) (TVD)**
 Total Depth: 4430.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chuck Kreuzer Jr.
 Unit No: 61
 Reference Elevations: 3254.00 ft (KB)
 3243.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8791 Inside
 Press @ Run Depth: 452.08 psig @ 4342.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.11.26 End Date: 2012.11.27 Last Calib.: 2012.11.27
 Start Time: 11:20:01 End Time: 00:46:00 Time On Btm: 2012.11.26 @ 14:21:00
 Time Off Btm: 2012.11.26 @ 19:51:00

TEST COMMENT: IF: Strong blow , Built to B.O.B in 10 mins.
 IS: Bled off , blow back after 2 mins. Built to 7 in. over 40 mins. Died to 5 in. over 60 mins.
 FF: Strong blow , Built to B.O.B in 15 mins.
 FS: Bled off , Blow back after 3mins. Built to 7 in. over 70 mins. Died back to 4 in. over 120 mins.



| PRESSURE SUMMARY | | | |
|------------------|-----------------|--------------|----------------------|
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
| 0 | 2096.02 | 118.40 | Initial Hydro-static |
| 14 | 56.94 | 120.44 | Open To Flow (1) |
| 43 | 255.13 | 128.76 | Shut-In(1) |
| 108 | 1258.11 | 132.28 | End Shut-In(1) |
| 109 | 271.93 | 131.33 | Open To Flow (2) |
| 196 | 452.08 | 138.54 | Shut-In(2) |
| 329 | 1181.99 | 137.96 | End Shut-In(2) |
| 330 | 2059.12 | 137.74 | Final Hydro-static |

| Recovery | | |
|-------------|--|--------------|
| Length (ft) | Description | Volume (bbl) |
| 186.00 | Gmco-5%g40%m55%o | 0.91 |
| 496.00 | gmco-10%g10%m80%o | 4.02 |
| 241.00 | go-50%g50%o | 3.38 |
| 124.00 | go-40%o60%o | 1.74 |
| 186.00 | go-30%g70%o | 2.61 |
| 0.00 | 1087 ft. gas in pipe-----Gravity-40=50 | 0.00 |

* Recovery from multiple tests

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

9-1s-37w

2020 N Bramblewood
Wichita KS 67206

Mears A 2-9

Job Ticket: 43011

DST#: 5

ATTN: Bryan Bynog

Test Start: 2012.11.26 @ 11:20:00

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: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|--|---------------|
| 186.00 | Gmco-5%g40%m55%o | 0.915 |
| 496.00 | gmco-10%g10%m80%o | 4.024 |
| 241.00 | go-50%g50%o | 3.381 |
| 124.00 | go-40%o60%o | 1.739 |
| 186.00 | go-30%g70%o | 2.609 |
| 0.00 | 1087 ft. gas in pipe-----Gravity-40=50 | 0.000 |

Total Length: 1233.00 ft

Total Volume: 12.668 bbl

Num Fluid Samples: 0

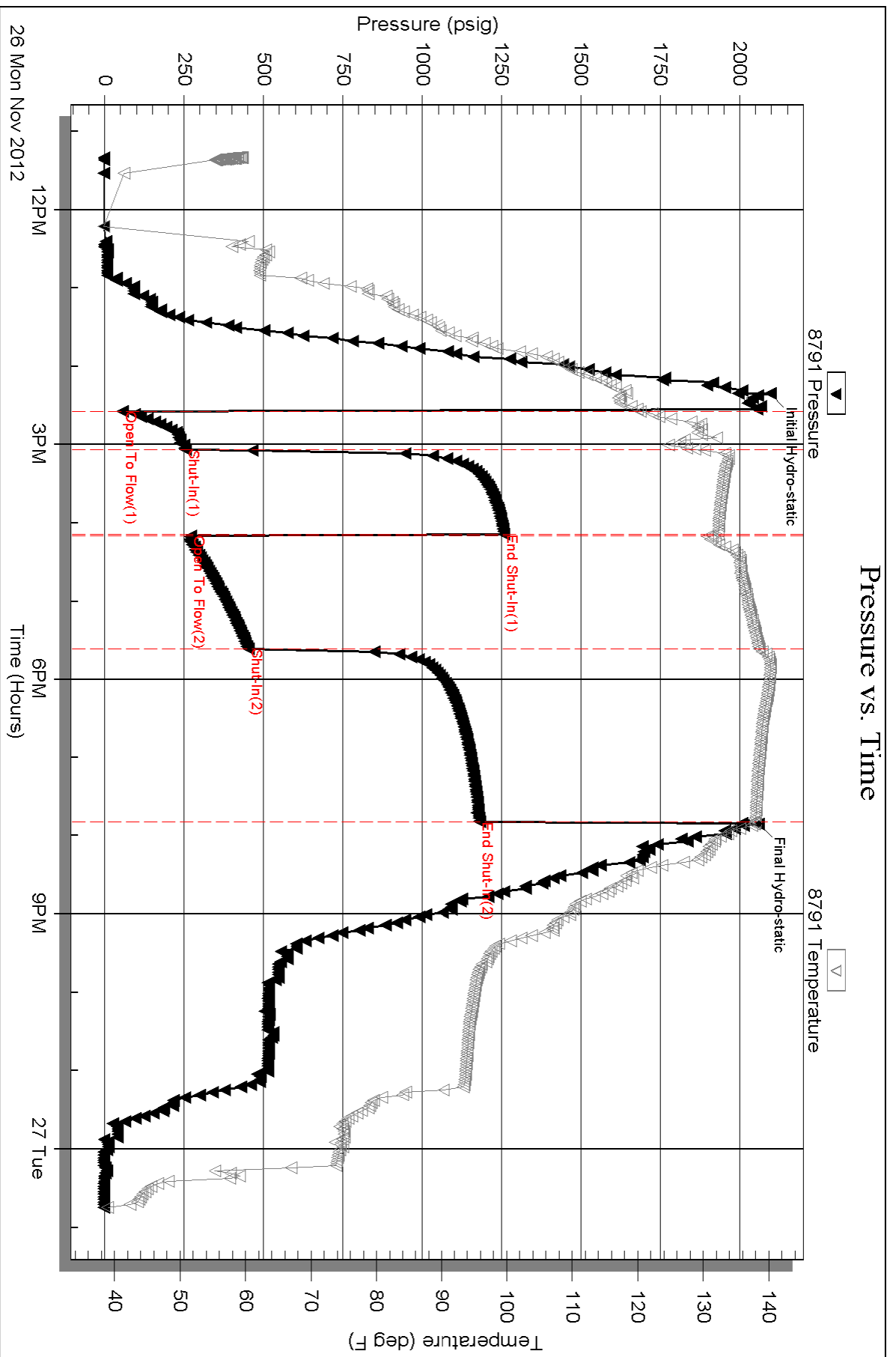
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco LLC
2020 N Bramblewood
Wichita KS 67206
ATTN: Bryan Bynog

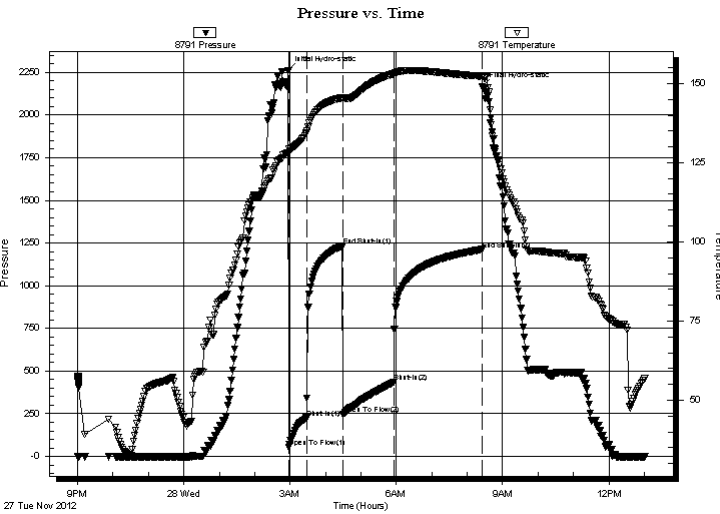
9-1s-37w
Mears A 2-9
Job Ticket: 43012 **DST#: 6**
Test Start: 2012.11.27 @ 21:00:00

GENERAL INFORMATION:

Formation: **Pawnee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:57:30
Time Test Ended: 13:01:30
Interval: **4584.00 ft (KB) To 4630.00 ft (KB) (TVD)**
Total Depth: 4630.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor
Test Type: Conventional Bottom Hole (Reset)
Tester: Chuck Kreuzer Jr.
Unit No: 61
Reference Elevations: 3254.00 ft (KB)
3243.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8791 Inside
Press @ Run Depth: 433.96 psig @ 4585.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.11.27 End Date: 2012.11.28 Last Calib.: 2012.11.28
Start Time: 21:00:01 End Time: 13:01:30 Time On Btm: 2012.11.28 @ 02:56:30
Time Off Btm: 2012.11.28 @ 08:25:30

TEST COMMENT: IF Strong blow, Built to B.O.B in 5 mins.
IS: Bled off, Blow back after 4 mins. Built to B.O.B in 20 mins.
FF: Strong blow, Built to B.O.B in 10 mins.
FS: Bled off, Blow back after 1 min. Built to B.O.B in 10 mins.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2261.01 | 128.19 | Initial Hydro-static |
| 1 | 51.79 | 127.79 | Open To Flow (1) |
| 31 | 226.53 | 134.57 | Shut-In(1) |
| 92 | 1234.23 | 145.48 | End Shut-In(1) |
| 94 | 248.24 | 145.17 | Open To Flow (2) |
| 179 | 433.96 | 153.08 | Shut-In(2) |
| 328 | 1211.77 | 152.29 | End Shut-In(2) |
| 329 | 2168.10 | 152.30 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------------------|--------------|
| 124.00 | gocw -WATER- 5%g10%o85%w | 0.61 |
| 372.00 | gmco-OIL-10%g10%m80%o | 1.83 |
| 620.00 | go-20%g80%o | 8.59 |
| 0.00 | 1550 ft. gas in pipe- | 0.00 |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

9-1s-37w

2020 N Bramblewood
Wichita KS 67206

Mears A 2-9

Job Ticket: 43012

DST#: 6

ATTN: Bryan Bynog

Test Start: 2012.11.27 @ 21:00:00

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: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|--------------------------|---------------|
| 124.00 | gocw -WATER- 5%g10%o85%w | 0.610 |
| 372.00 | gmco-OIL-10%g10%m80%o | 1.829 |
| 620.00 | go-20%g80%o | 8.588 |
| 0.00 | 1550 ft. gas in pipe- | 0.000 |

Total Length: 1116.00 ft

Total Volume: 11.027 bbl

Num Fluid Samples: 0

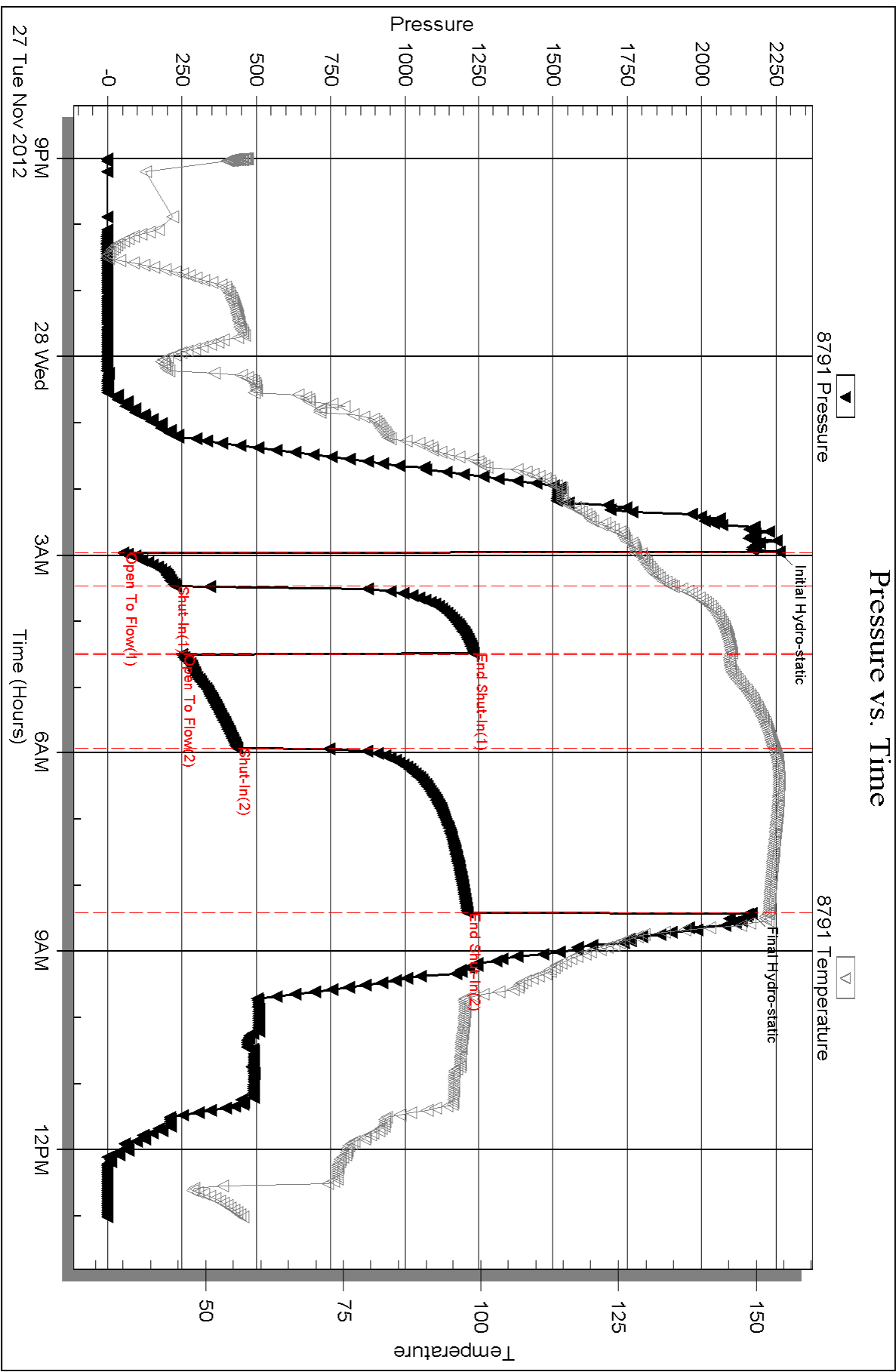
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



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

March 15, 2013

Rodney Reynolds
BEREXCO LLC
2020 N. BRAMBLEWOOD
WICHITA, KS 67206-1094

Re: ACO-1
API 15-023-21356-00-00
Mears A 2-9
SE/4 Sec.09-01S-37W
Cheyenne County, Kansas

Dear Rodney Reynolds:

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 08/26/2012 and the ACO-1 was received on March 14, 2013 (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