



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1164422
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

| | | |
|-----------------------------------|-----------------|---|
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |
|-----------------------------------|-----------------|---|

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1164422

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

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

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

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

| | |
|--|---|
| Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____ | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum |
|--|---|

| CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|---|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

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

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

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

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

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

| | | | | |
|----------------|-------|---------|------------|---|
| TUBING RECORD: | Size: | Set At: | Packer At: | Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No |
|----------------|-------|---------|------------|---|

| | | | | | | |
|---|--|---------|-------------|---------------|---------|--|
| Date of First, Resumed Production, SWD or ENHR. | Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____ | | | | | |
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity | |

| | | |
|--|--|---|
| DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ | PRODUCTION INTERVAL: _____ _____ |
|--|--|---|

| | |
|-----------|----------------------------|
| Form | ACO1 - Well Completion |
| Operator | Baird Oil Company LLC |
| Well Name | Esslinger Ranch, Inc. 4-26 |
| Doc ID | 1164422 |

All Electric Logs Run

| |
|--------------------------|
| |
| GAMMA RAY |
| SIDEWALL NEUTRON |
| FOCUSSED LATEROLOG |
| MICRO |
| BHC SONIC OPERATION CHRG |

| | |
|-----------|----------------------------|
| Form | ACO1 - Well Completion |
| Operator | Baird Oil Company LLC |
| Well Name | Esslinger Ranch, Inc. 4-26 |
| Doc ID | 1164422 |

Tops

| Name | Top | Datum |
|------------------|------|-------|
| Anhydrite | 1982 | +320 |
| Base Anhydrite | 2010 | +292 |
| Topeka | 3301 | -999 |
| Heebner | 3501 | -1199 |
| Toronto | 3526 | -1224 |
| Lansing | 3542 | -1240 |
| Base Kansas City | 3736 | -1434 |
| Marmaton | 3769 | -1467 |
| Arbuckle | 3807 | -1505 |
| Gran Wash | 3826 | -1524 |
| Granite | 3834 | -1524 |
| Total Depth | 3850 | -1548 |

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

October 22, 2013

Jim R. Baird
Baird Oil Company LLC
113 W MAIN
PO BOX 428
LOGAN, KS 67646

Re: ACO1
API 15-137-20672-00-00
Esslinger Ranch, Inc. 4-26
SE/4 Sec.26-03S-22W
Norton 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,
Jim R. Baird

Global Cementing LLC dba SOS LLC

Invoice

18048 I-70 Road
Russell, KS 67665

| Date | Invoice # |
|-----------|-----------|
| 10/7/2013 | 1122 |

| |
|---|
| Bill To |
| BAIRD OIL COMPANY LLC PO BOX 428 LOGAN,KS 67646 |

| P.O. No. | Terms | Project |
|------------------|--------|---------|
| ESSLINGER RAN... | Net 30 | |

| Quantity | Description | Rate | Amount |
|----------|--|----------|----------|
| 160 | COMMON | 15.50 | 2,480.00 |
| 6 | CALCIUM | 53.00 | 318.00 |
| 3 | GEL | 23.50 | 70.50 |
| 169 | HANDLING | 2.10 | 354.90 |
| | BULK MILEAGE | 447.00 | 447.00 |
| 1 | TRI-PLEX PUMP CHARGE FOR SURFACE | 1,050.00 | 1,050.00 |
| 66 | PUMP TRUCK MILEAGE | 6.50 | 429.00 |
| 66 | PICKUP | 2.50 | 165.00 |
| | DEDUCT 15% FROM TOTAL IF PAID WITHIN 30 DAYS OF INVOICE NORTON CO | 7.05% | 0.00 |

R10/14/2013
910/15/2013
Esslinger 190402 4517.24
Esslinger Ranch Inc 4-26- Pump charge,
Cement + other misc used to
Cement surface casing

Thank you for your business.

Total \$5,314.40

| Phone # | Fax # | E-mail |
|--------------|--------------|------------------------------|
| 785-324-2658 | 785-445-3526 | globalcementingllc@gmail.com |

SCHIPPER'S OIL FIELD SERVICES, L.L.C.

1122

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT:
Russell, KS - Hoxie, KS

| | | | | | | | |
|--------------------------------|---------------------|---------------|-----------------|------------|-------------------------|----------------------------|-----------------------------|
| DATE <u>10-7-13</u> | SEC. <u>26</u> | TWP. <u>3</u> | RANGE <u>22</u> | CALLED OUT | ON LOCATION | JOB START <u>5:15pm</u> | JOB FINISH <u>5:45pm</u> |
| LEASE <u>ES Slings Ranch</u> | WELL #. <u>4-26</u> | LOCATION | | | COUNTY <u>Norton</u> | STATE <u>KS</u> | |
| OLD OR <u>NEW</u> (CIRCLE ONE) | | | | | | | |

CONTRACTOR Ww Drilling

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 223

CASING SIZE 8 5/8 DEPTH 213

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 300ps MINIMUM 100ps

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 20sf

PERFS

DISPLACEMENT 12.96 bbl

EQUIPMENT

PUMP TRUCK CEMENTER Heath

PI HELPER Colby

BULK TRUCK

B3 DRIVER Jay

BULK TRUCK DRIVER

OWNER

CEMENT AMOUNT ORDERED 160 com 3%cc 2%gel

| | | | |
|----------|---|-------|-------|
| COMMON | @ | _____ | _____ |
| POZMIX | @ | _____ | _____ |
| GEL | @ | _____ | _____ |
| CHLORIDE | @ | _____ | _____ |
| ASC | @ | _____ | _____ |
| _____ | @ | _____ | _____ |
| _____ | @ | _____ | _____ |
| _____ | @ | _____ | _____ |
| _____ | @ | _____ | _____ |
| _____ | @ | _____ | _____ |
| _____ | @ | _____ | _____ |
| HANDLING | @ | _____ | _____ |
| MILEAGE | | _____ | _____ |
| TOTAL | | | _____ |

REMARKS:

Ran 5JTs of 8 5/8 casing and landing ft
Est Circulation with mud pump
Hooked up and mixed 160sx and d'sp
12.96 bbl H₂O - Shut in @ 200ps
Cement Ad Circulate to Surface!

CHARGE TO: Bird Oil

STREET _____

CITY _____ STATE _____ ZIP _____

Schippers Oil Field Services, L.L.C.,
 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.

PRINTED NAME Calvin Primm

SIGNATURE Calvin Primm

SERVICE

| | |
|-------------------|---------|
| DEPTH OF JOB | _____ |
| PUMP TRUCK CHARGE | _____ |
| EXTRA FOOTAGE | @ _____ |
| MILEAGE | @ _____ |
| MANIFOLD | @ _____ |
| _____ | @ _____ |
| _____ | @ _____ |
| TOTAL | _____ |

PLUG & FLOAT EQUIPMENT

| | | | |
|-------|---|-------|-------|
| _____ | @ | _____ | _____ |
| _____ | @ | _____ | _____ |
| _____ | @ | _____ | _____ |
| _____ | @ | _____ | _____ |
| _____ | @ | _____ | _____ |
| TOTAL | | _____ | _____ |

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

SWIFT



Services, Inc.

P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

| | |
|------------|-----------|
| DATE | INVOICE # |
| 10/14/2013 | 25215 |

| |
|--|
| BILL TO |
| Baird Oil Company LLC PO Box 428 Logan, KS 67646 |

- Acidizing
- Cement
- Tool Rental

| TERMS | Well No. | Lease | County | Contractor | Well Type | Well Category | Job Purpose | Operator |
|--------|----------|-----------------|--------|------------|-----------|---------------|-------------|----------|
| Net 30 | #4-26 | Esslinger Ra... | Norton | | Oil | Development | PTA | Josh |

| PRICE REF. | DESCRIPTION | QTY | UM | UNIT PRICE | AMOUNT |
|------------|-------------------------|-----|-----------|------------|-----------|
| 575D | Mileage - 1 Way | 80 | Miles | 6.00 | 480.00 |
| 576D-P | Pump Charge - PTA | 1 | Job | 1,000.00 | 1,000.00 |
| 290 | D-Air | 3 | Gallon(s) | 42.00 | 126.00T |
| 410-8 | 8 5/8" Top Plug | 1 | Each | 140.00 | 140.00T |
| 276 | Flocele | 75 | Lb(s) | 2.00 | 150.00T |
| 328-4 | 60/40 Pozmix (4% Gel) | 255 | Sacks | 11.50 | 2,932.50T |
| 581D | Service Charge Cement | 255 | Sacks | 2.00 | 510.00 |
| 583D | Drayage | 859 | Ton Miles | 1.00 | 859.00 |
| | Subtotal | | | | 6,197.50 |
| | Sales Tax Norton County | | | 6.90% | 231.05 |

R10/16/2013
P10/16/2013
Esslinge 190402 6428.55
Esslinger Ranch Inc 4-26 - Pump
Charge, cement & other misc
expenses used to plug well

| | | |
|-------------------------------------|--------------|------------|
| We Appreciate Your Business! | Total | \$6,428.55 |
|-------------------------------------|--------------|------------|



CHARGE TO: Barnd O-1
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET 25215
 PAGE 1 OF 1

SERVICE LOCATIONS

1. WELL/PROJECT NO. 4-26 LEASE Esslinge Ranch COUNTY/PARISH Northern STATE Ks CITY Location DATE 10-14-13 OWNER

2. Ness City, Ks CONTRACTOR Development RIG NAME/NO. PTA SHIPPED VIA CT DELIVERED TO Well Permit No. ORDER NO. Sec 26, Twp 35, R 22w

3. TICKET TYPE SERVICE SALES WELL TYPE O-1 WELL CATEGORY Development JOB PURPOSE PTA WELL PERMIT NO. Sec 26, Twp 35, R 22w

4. REFERRAL LOCATION INVOICE INSTRUCTIONS

| PRICE REFERENCE | SECONDARY REFERENCE/ PART NUMBER | ACCOUNTING | | | DESCRIPTION | MILEAGE | QTY. | U/M | QTY. | U/M | UNIT PRICE | AMOUNT |
|-----------------|----------------------------------|------------|------|----|-------------------------|---------|------|-----|------|-----|------------|---------|
| | | LOC | ACCT | DF | | | | | | | | |
| 575 | | 1 | | | MILEAGE # 112 | 80 | mi | | | | 6.00 | 480.00 |
| 576P | | 1 | | | Pump Charge PTA | 1 | eq | | | | 1000.00 | 1000.00 |
| 290 | | 1 | | | O-Ar | 3 | gal | | | | 42.00 | 126.00 |
| 410 | | 1 | | | TBP Plog | 1 | eq | | | | 140.00 | 140.00 |
| 276 | | 2 | | | Fluocole | 75 | lbs | | | | 2.00 | 150.00 |
| 328-4 | | 2 | | | 60/40 Potomac 4 1/2 gal | 255 | sts | | | | 11.50 | 2932.50 |
| 581 | | 2 | | | Service Charge Cement | 255 | sts | | | | 2.00 | 510.00 |
| 583 | | 2 | | | Drayage | 859 | Tr | | | | 1.00 | 859.00 |

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X [Signature] DATE SIGNED 10-14-13 TIME SIGNED 1730 A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?

WE UNDERSTOOD AND MET YOUR NEEDS?

OUR SERVICE WAS PERFORMED WITHOUT DELAY?

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL 6197

TOTAL 6428

Northern TAX 16.9% 231

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR [Signature] APPROVAL

Thank You

JOB LOG

SWIFT Services, Inc.

DATE 10-14-13 PAGE NO.

CUSTOMER Barre oil WELL NO. 4-26 LEASE Esslinger Ranch JOB TYPE PTA TICKET NO. 25215

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS | | PRESSURE (PSI) | | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|-----------------|------------|--------------------|-------|---|----------------|--------|---|
| | | | | T | C | TUBING | CASING | |
| | 1700 | | | | | | | on location Lay down Cokers Run Disk Pipe TO 3852 |
| | 1830 | | | | | | | Break circulation |
| | 1845 | | 6 | ✓ | | | | Start H ₂ O |
| | | | 13 | ✓ | | | | Start cement 50 sks above Ardwick |
| | | | 2 | ✓ | | | | Start H ₂ O |
| | 1900 | | 45 | ✓ | | | | Start mud |
| | 1905 | | | | | | | Pull up to 2000 |
| | 1955 | | | | | | | Break circulation |
| 2005 | 1905 | | 6 | ✓ | | | | Start H ₂ O |
| | | | 6.5 | ✓ | | | | Start Cement 25 sks |
| | | | 2 | ✓ | | | | Start H ₂ O |
| | 2015 | | 25 | ✓ | | | | Start mud |
| | | | | | | | | Pull up to 1325 |
| | | | | | | | | Break circulation |
| | 2035 | | 9 | ✓ | | | | Start H ₂ O |
| | | | 26 | ✓ | | | | Start cement 100 sks |
| | | | 3 | ✓ | | | | Start H ₂ O |
| | | | | | | | | Pull up to 225 |
| | 2125 | | 3 | ✓ | | | | Start H ₂ O 40 sks |
| | | | 10.5 | ✓ | | | | Start cement |
| | | | 1 | ✓ | | | | Start H ₂ O |
| | | | | | | | | Pull out of hole |
| | | | | | | | | Push Plug to 40' |
| | 2200 | | 2.6 | ✓ | | | | Top off 40 sks |
| | 2215 | | 7 | | | | | Plug RTT 30 sks |
| | 2230 | | | | | | | Wash up |
| | | | | | | | | Back up |
| | 2300 | | | | | | | Job Complete |
| | | | | | | | | Thank You |
| | | | | | | | | Dash, Brian, Craig |



DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company LLC**

PO Box 428
Logon KS 67646-0428

ATTN: Jim Baird / Rich Bel

26-3s-22w Norton,KS

Esslinger Ranch Inc #4-26

Start Date: 2013.10.11 @ 21:05:13

End Date: 2013.10.12 @ 01:37:22

Job Ticket #: 54825 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.10.15 @ 15:12:39



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Baird Oil Company LLC

Esslinger Ranch Inc #4-26

PO Box 428
Logon KS 67646-0428

26-3s-22w Norton,KS

ATTN: Jim Baird / Rich Bel

Job Ticket: 54825

DST#: 1

Test Start: 2013.10.11 @ 21:05:13

GENERAL INFORMATION:

Formation: **LKC J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:50:53

Time Test Ended: 01:37:22

Test Type: Conventional Bottom Hole (Initial)

Tester: Ray Schwager

Unit No: 70

Interval: 3674.00 ft (KB) To 3710.00 ft (KB) (TVD)

Reference Elevations: 2302.00 ft (KB)

Total Depth: 3710.00 ft (KB) (TVD)

2294.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8369

Inside

Press @ RunDepth: 18.85 psig @ 3683.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.11

End Date:

2013.10.12

Last Calib.: 2013.10.12

Start Time: 21:05:13

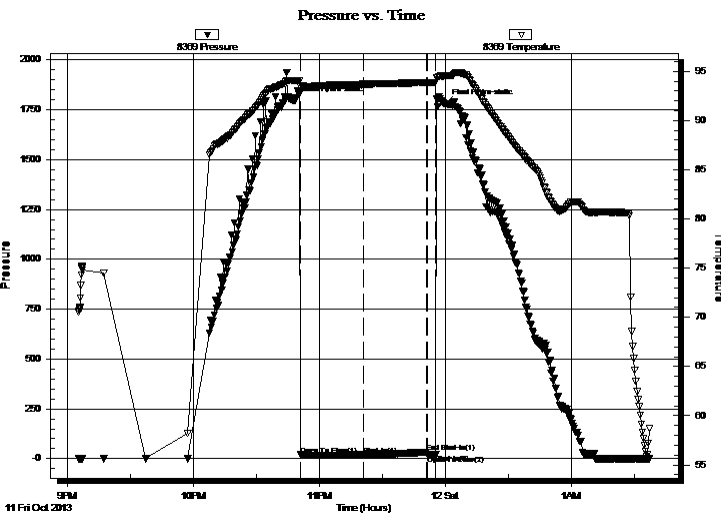
End Time:

01:37:22

Time On Btm: 2013.10.11 @ 22:48:08

Time Off Btm: 2013.10.11 @ 23:59:53

TEST COMMENT: 30-IFP-w k surface bl , died in 15 min
30-ISIP-no bl
5-FFP-no bl , pulled tool



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1795.45 | 94.06 | Initial Hydro-static |
| 3 | 18.86 | 93.39 | Open To Flow (1) |
| 33 | 18.85 | 93.68 | Shut-In(1) |
| 63 | 32.40 | 93.86 | End Shut-In(1) |
| 64 | 19.15 | 93.86 | Open To Flow (2) |
| 68 | 19.49 | 93.89 | Shut-In(2) |
| 72 | 1780.67 | 94.55 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 2.00 | Mud | 0.01 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Baird Oil Company LLC

Esslinger Ranch Inc #4-26

PO Box 428
Logon KS 67646-0428

26-3s-22w Norton,KS

ATTN: Jim Baird / Rich Bel

Job Ticket: 54825 **DST#: 1**

Test Start: 2013.10.11 @ 21:05:13

GENERAL INFORMATION:

Formation: **LKC J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:50:53

Time Test Ended: 01:37:22

Test Type: Conventional Bottom Hole (Initial)

Tester: Ray Schwager

Unit No: 70

Interval: 3674.00 ft (KB) To 3710.00 ft (KB) (TVD)

Reference Elevations: 2302.00 ft (KB)

Total Depth: 3710.00 ft (KB) (TVD)

2294.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8700 Outside

Press @ Run Depth: psig @ 3683.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.11

End Date:

2013.10.12

Last Calib.:

2013.10.12

Start Time: 21:07:40

End Time:

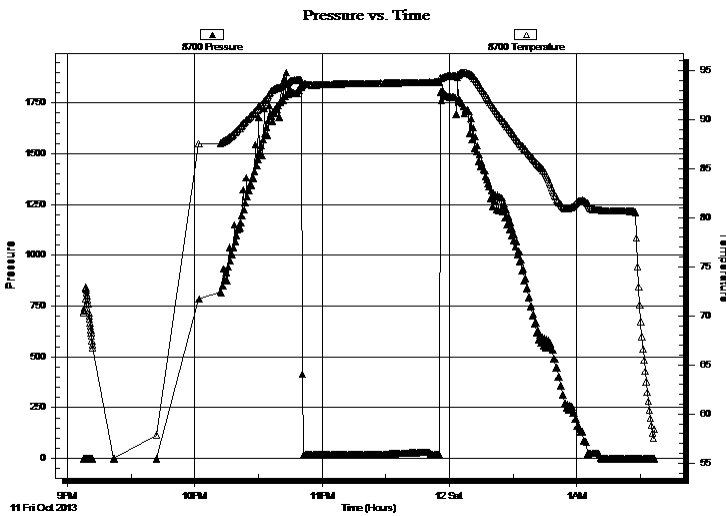
01:36:53

Time On Btm:

Time Off Btm:

TEST COMMENT: 30-IFP-w k surface bl , died in 15 min
30-ISIP-no bl
5-FFP-no bl , pulled tool

PRESSURE SUMMARY



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

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 2.00 | Mud | 0.01 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company LLC

Esslinger Ranch Inc #4-26

PO Box 428
Logon KS 67646-0428

26-3s-22w Norton,KS

Job Ticket: 54825

DST#: 1

ATTN: Jim Baird / Rich Bel

Test Start: 2013.10.11 @ 21:05:13

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3552.00 ft | Diameter: 3.80 inches | Volume: 49.83 bbl | Tool Weight: 2200.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: 25000.00 lb |
| Drill Collar: | Length: 120.00 ft | Diameter: 2.25 inches | Volume: 0.59 bbl | Weight to Pull Loose: 80000.00 lb |
| | | | <u>Total Volume: 50.42 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 19.00 ft | | | String Weight: Initial 59000.00 lb |
| Depth to Top Packer: | 3674.00 ft | | | Final 59000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 36.00 ft | | | |
| Tool Length: | 57.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|----------------|
|------------------|-------------|------------|----------|------------|----------------|

| | | | | | |
|-----------------|-------|------|---------|---------|-------------------------------|
| Change Over Sub | 1.00 | | | 3654.00 | |
| Shut In Tool | 5.00 | | | 3659.00 | |
| Hydraulic tool | 5.00 | | | 3664.00 | |
| Packer | 5.00 | | | 3669.00 | 21.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3674.00 | |
| Stubb | 1.00 | | | 3675.00 | |
| Perforations | 8.00 | | | 3683.00 | |
| Recorder | 0.00 | 8369 | Inside | 3683.00 | |
| Recorder | 0.00 | 8700 | Outside | 3683.00 | |
| Perforations | 24.00 | | | 3707.00 | |
| Bullnose | 3.00 | | | 3710.00 | 36.00 Bottom Packers & Anchor |

Total Tool Length: 57.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company LLC

Esslinger Ranch Inc #4-26

PO Box 428
Logon KS 67646-0428

26-3s-22w Norton,KS

Job Ticket: 54825

DST#: 1

ATTN: Jim Baird / Rich Bel

Test Start: 2013.10.11 @ 21:05:13

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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.75 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 2.00 | Mud | 0.010 |

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

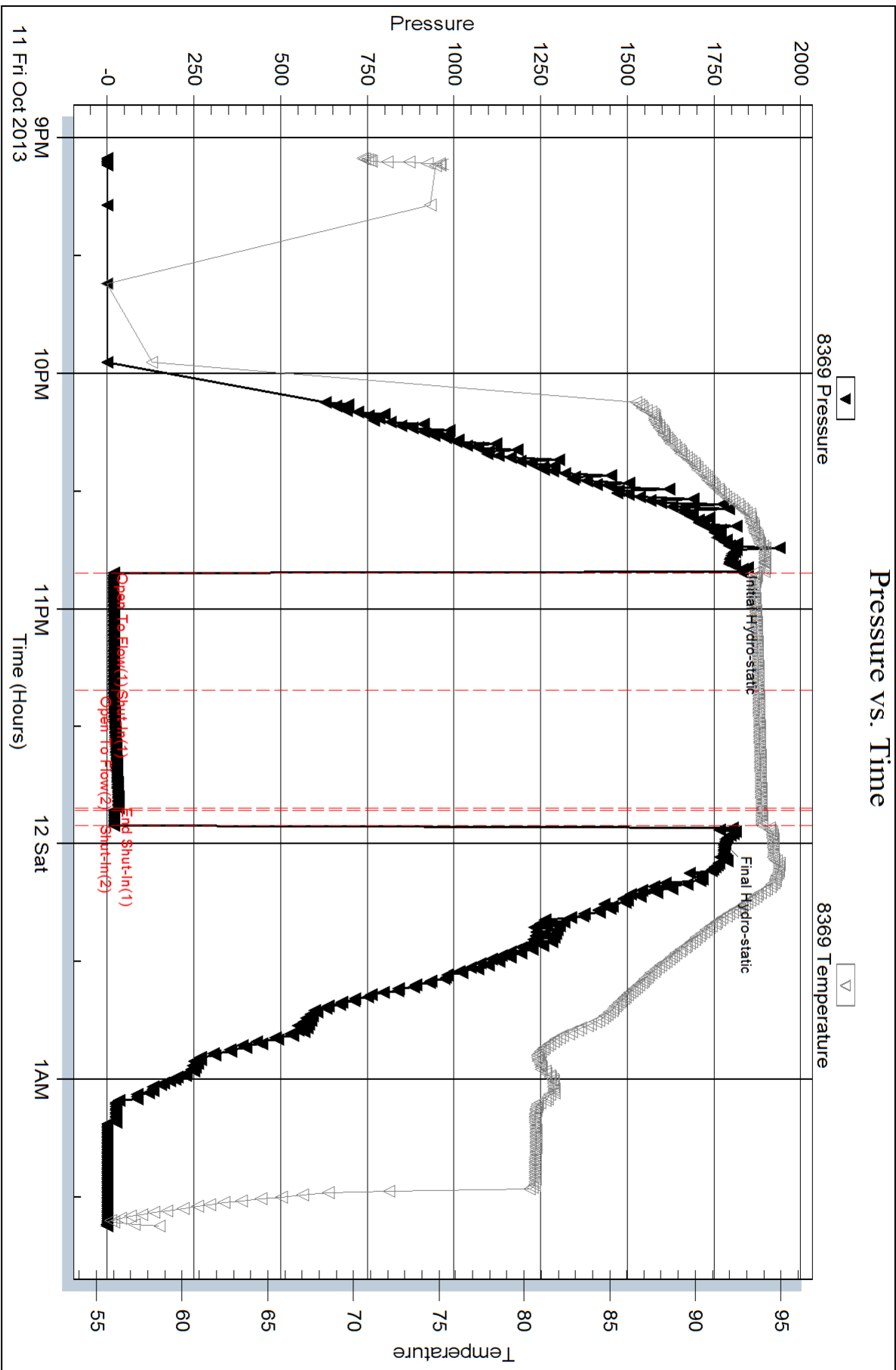
Num Gas Bombs: 0

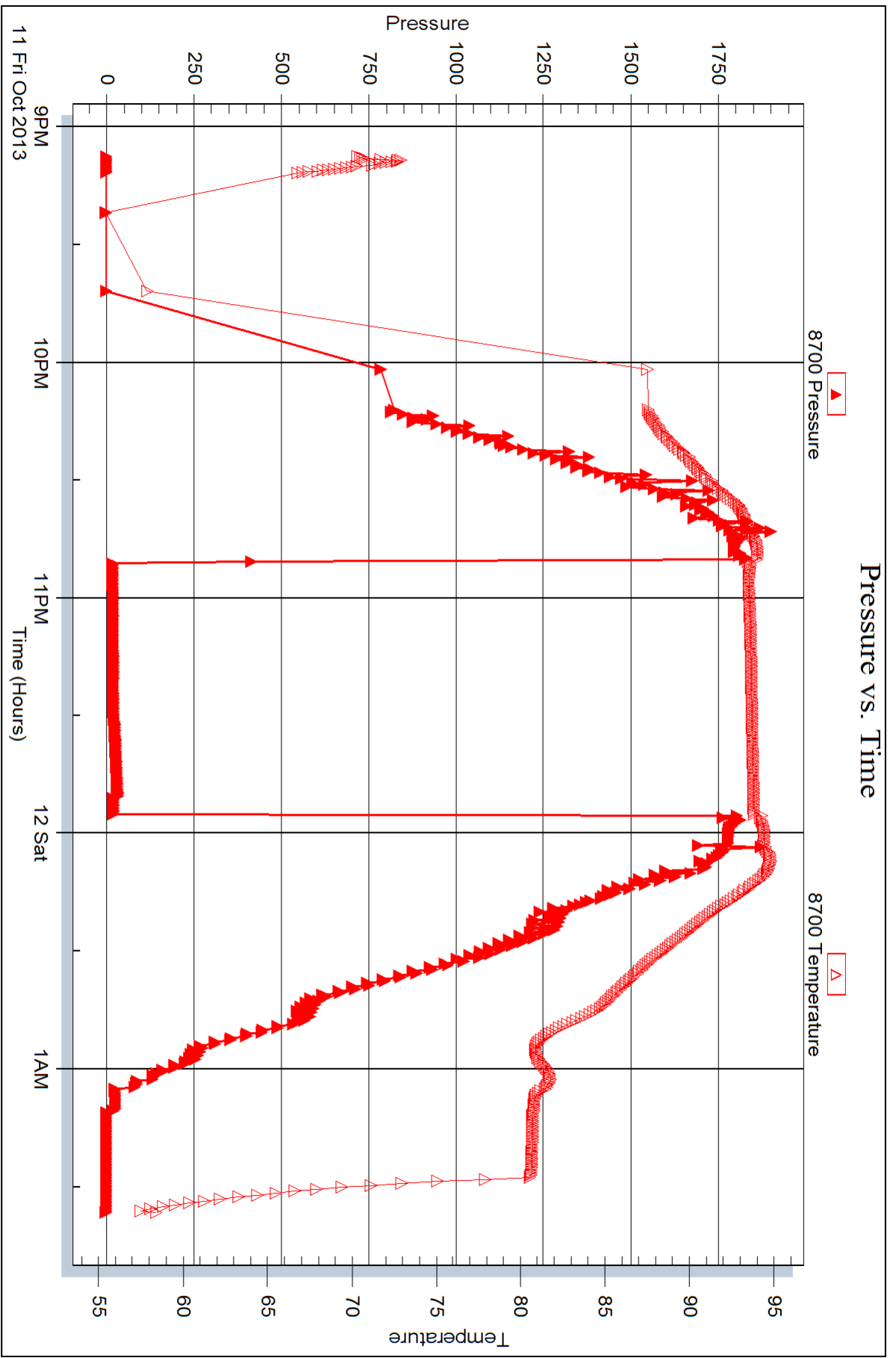
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company LLC**

PO Box 428
Logon KS 67646-0428

ATTN: Jim Baird / Rich Bel

26-3s-22w Norton,KS

Esslinger Ranch Inc #4-26

Start Date: 2013.10.12 @ 21:30:58

End Date: 2013.10.13 @ 04:18:52

Job Ticket #: 54351 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.10.15 @ 15:12:14



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Baird Oil Company LLC

Esslinger Ranch Inc #4-26

PO Box 428
Logon KS 67646-0428

26-3s-22w Norton,KS

ATTN: Jim Baird / Rich Bel

Job Ticket: 54351

DST#: 2

Test Start: 2013.10.12 @ 21:30:58

GENERAL INFORMATION:

Formation: **Penn Sd**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:39:23
 Time Test Ended: 04:18:52
 Interval: **3798.00 ft (KB) To 3810.00 ft (KB) (TVD)**
 Total Depth: 3810.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ray Schwager
 Unit No: 70
 Reference Elevations: 2302.00 ft (KB)
 2294.00 ft (CF)
 KB to GR/CF: 8.00 ft

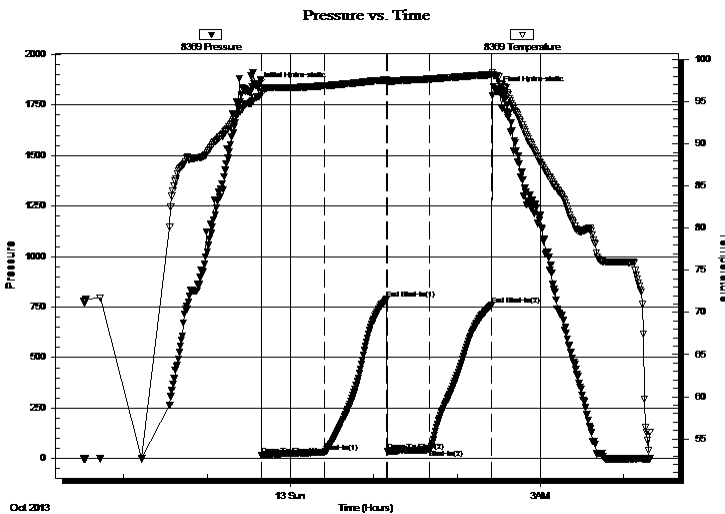
Serial #: 8369

Inside

Press @ Run Depth: 45.20 psig @ 3804.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.10.12 End Date: 2013.10.13 Last Calib.: 2013.10.13
 Start Time: 21:30:58 End Time: 04:18:52 Time On Btm: 2013.10.12 @ 23:36:08
 Time Off Btm: 2013.10.13 @ 02:28:22

TEST COMMENT: 45-IFP-w k bl thru-out 1/4" to 1" bl
 45-ISIP-no bl
 30-FFP-no bl for 15 min , then vy w k surface bl
 45-FSIP-no bl

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1842.37 | 95.58 | Initial Hydro-static |
| 4 | 16.18 | 95.98 | Open To Flow (1) |
| 49 | 32.61 | 96.88 | Shut-In(1) |
| 94 | 789.85 | 97.57 | End Shut-In(1) |
| 94 | 37.62 | 97.28 | Open To Flow (2) |
| 124 | 45.20 | 97.67 | Shut-In(2) |
| 169 | 759.56 | 98.19 | End Shut-In(2) |
| 173 | 1818.93 | 98.06 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 25.00 | CO | 0.12 |
| 40.00 | MO 30%M75%O | 0.20 |
| | | |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Baird Oil Company LLC

Esslinger Ranch Inc #4-26

PO Box 428
Logon KS 67646-0428

26-3s-22w Norton,KS

ATTN: Jim Baird / Rich Bel

Job Ticket: 54351 **DST#: 2**

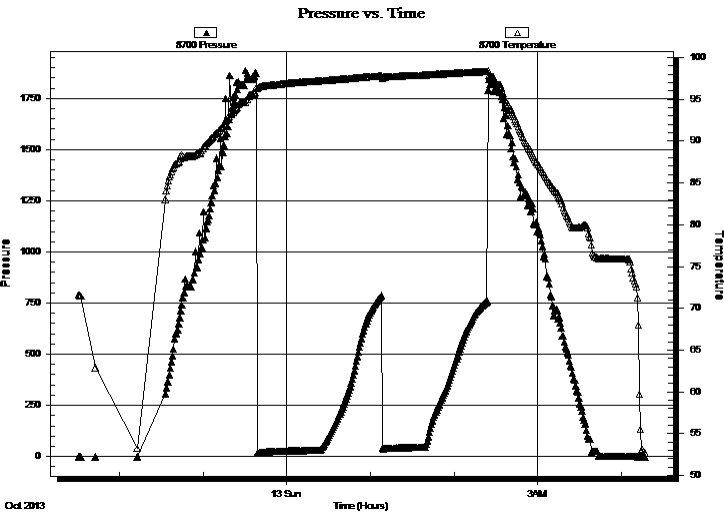
Test Start: 2013.10.12 @ 21:30:58

GENERAL INFORMATION:

Formation: **Penn Sd**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 23:39:23
 Tester: Ray Schwager
 Time Test Ended: 04:18:52
 Unit No: 70
Interval: 3798.00 ft (KB) To 3810.00 ft (KB) (TVD)
 Reference Elevations: 2302.00 ft (KB)
 Total Depth: 3810.00 ft (KB) (TVD)
 2294.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 8.00 ft

Serial #: 8700 Outside
 Press @ RunDepth: psig @ 3804.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.10.12 End Date: 2013.10.13 Last Calib.: 2013.10.13
 Start Time: 21:30:27 End Time: 04:16:51 Time On Btm:
 Time Off Btm:

TEST COMMENT: 45-IFP-w k bl thru-out 1/4" to 1" bl
 45-ISIP-no bl
 30-FFP-no bl for 15 min , then vy w k surface bl
 45-FSIP-no bl



PRESSURE SUMMARY

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

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 25.00 | CO | 0.12 |
| 40.00 | MO 30%M75%O | 0.20 |
| | | |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company LLC

Esslinger Ranch Inc #4-26

PO Box 428
Logon KS 67646-0428

26-3s-22w Norton,KS

ATTN: Jim Baird / Rich Bel

Job Ticket: 54351

DST#: 2

Test Start: 2013.10.12 @ 21:30:58

Tool Information

| | | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------|-------------|
| Drill Pipe: | Length: 3680.00 ft | Diameter: 3.80 inches | Volume: 51.62 bbl | Tool Weight: | 2200.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: | 25000.00 lb |
| Drill Collar: | Length: 120.00 ft | Diameter: 2.25 inches | Volume: 0.59 bbl | Weight to Pull Loose: | 80000.00 lb |
| | | | <u>Total Volume: 52.21 bbl</u> | Tool Chased | 0.00 ft |
| Drill Pipe Above KB: | 23.00 ft | | | String Weight: Initial | 60000.00 lb |
| Depth to Top Packer: | 3798.00 ft | | | Final | 60000.00 lb |
| Depth to Bottom Packer: | ft | | | | |
| Interval between Packers: | 12.00 ft | | | | |
| Tool Length: | 33.00 ft | | | | |
| Number of Packers: | 2 | Diameter: | 6.75 inches | | |
| Tool Comments: | | | | | |

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|----------------|
|------------------|-------------|------------|----------|------------|----------------|

| | | | | | |
|-----------------|------|------|---------|---------|-------------------------------|
| Change Over Sub | 1.00 | | | 3778.00 | |
| Shut In Tool | 5.00 | | | 3783.00 | |
| Hydraulic tool | 5.00 | | | 3788.00 | |
| Packer | 5.00 | | | 3793.00 | 21.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3798.00 | |
| Stubb | 1.00 | | | 3799.00 | |
| Perforations | 5.00 | | | 3804.00 | |
| Recorder | 0.00 | 8369 | Inside | 3804.00 | |
| Recorder | 0.00 | 8700 | Outside | 3804.00 | |
| Perforations | 3.00 | | | 3807.00 | |
| Bullnose | 3.00 | | | 3810.00 | 12.00 Bottom Packers & Anchor |

Total Tool Length: 33.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company LLC

Esslinger Ranch Inc #4-26

PO Box 428
Logon KS 67646-0428

26-3s-22w Norton,KS

Job Ticket: 54351

DST#: 2

ATTN: Jim Baird / Rich Bel

Test Start: 2013.10.12 @ 21:30:58

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

18 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.76 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1100.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|-------------|----------------|
| 25.00 | CO | 0.123 |
| 40.00 | MO 30%M75%O | 0.197 |

Total Length: 65.00 ft Total Volume: 0.320 bbl

Num Fluid Samples: 0

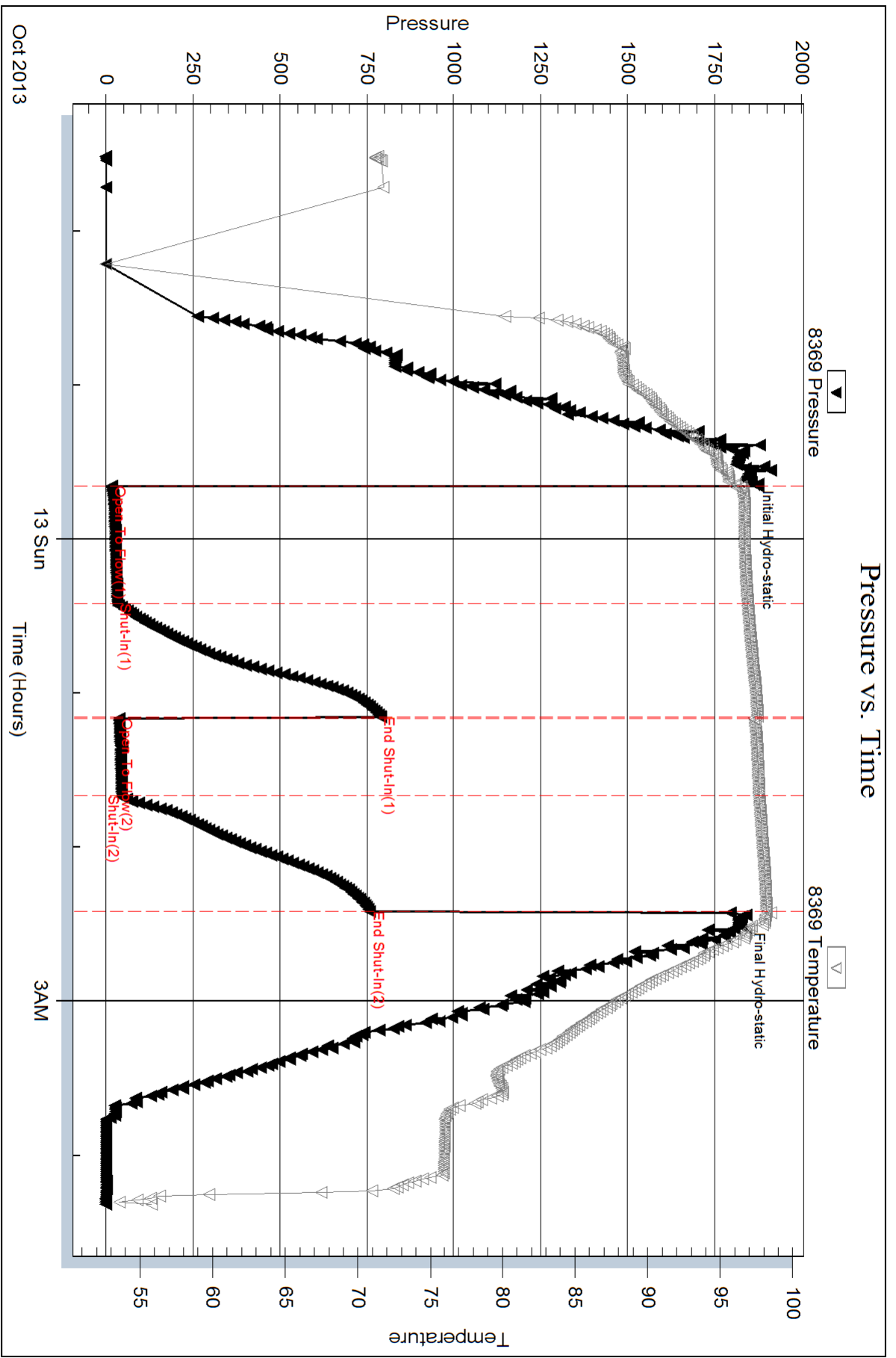
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

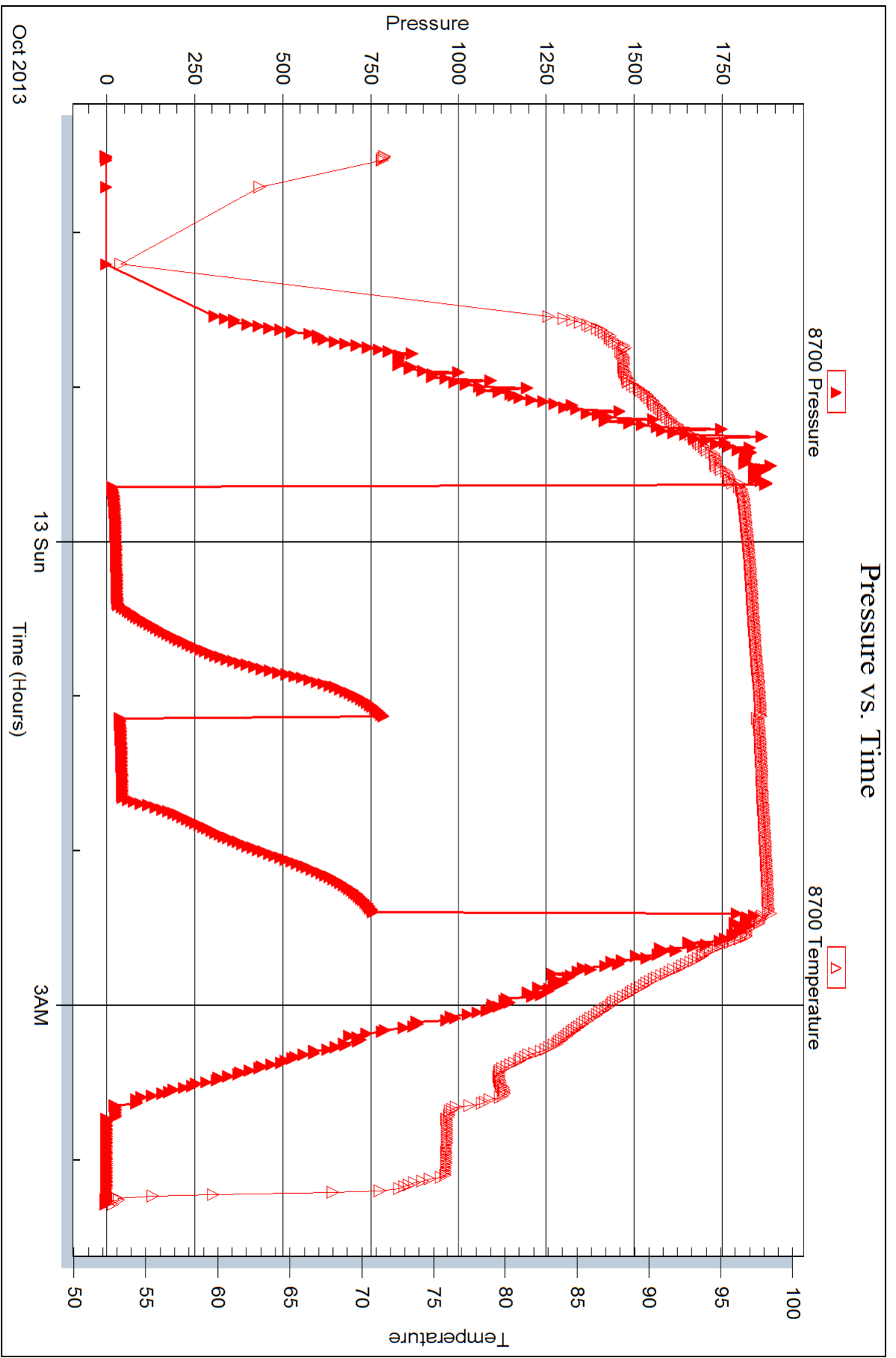


Serial #: 8700

Outside Baird Oil Company LLC

26-35-22w Norton, KS

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 54351

Printed: 2013.10.15 @ 15:12:15



DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company LLC**

PO Box 428
Logon KS 67646-0428

ATTN: Jim Baird / Rich Bel

26-3s-22w Norton,KS

Esslinger Ranch Inc #4-26

Start Date: 2013.10.13 @ 10:00:56

End Date: 2013.10.13 @ 16:26:50

Job Ticket #: 54352 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.10.15 @ 15:11:40



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Baird Oil Company LLC

Esslinger Ranch Inc #4-26

PO Box 428
Logon KS 67646-0428

26-3s-22w Norton,KS

ATTN: Jim Baird / Rich Bel

Job Ticket: 54352

DST#: 3

Test Start: 2013.10.13 @ 10:00:56

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:56:06

Time Test Ended: 16:26:50

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 70

Interval: 3810.00 ft (KB) To 3820.00 ft (KB) (TVD)

Reference Elevations: 2302.00 ft (KB)

Total Depth: 3820.00 ft (KB) (TVD)

2294.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8369 Inside

Press @ Run Depth: 32.32 psig @ 3812.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.13

End Date:

2013.10.13

Last Calib.: 2013.10.13

Start Time: 10:00:56

End Time:

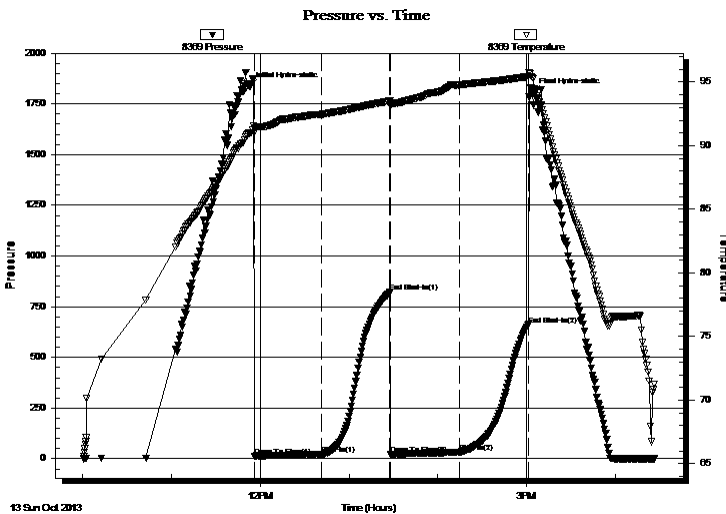
16:26:50

Time On Btm: 2013.10.13 @ 11:52:51

Time Off Btm: 2013.10.13 @ 15:03:35

TEST COMMENT: 45-IFP-vy w k bl , surface to 1/16" bl
45-ISIP-no bl
45-FFP-surface bl thru-out
45-FSIP-no bl

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1837.35 | 91.00 | Initial Hydro-static |
| 4 | 13.33 | 91.00 | Open To Flow (1) |
| 49 | 22.76 | 92.46 | Shut-In(1) |
| 95 | 820.45 | 93.50 | End Shut-In(1) |
| 96 | 22.68 | 93.32 | Open To Flow (2) |
| 142 | 32.32 | 94.76 | Shut-In(2) |
| 189 | 661.51 | 95.43 | End Shut-In(2) |
| 191 | 1806.49 | 95.37 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------------|--------------|
| 10.00 | O&GCM 5%G10%O85%M | 0.05 |
| | | |
| | | |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company LLC

Esslinger Ranch Inc #4-26

PO Box 428
Logon KS 67646-0428

26-3s-22w Norton,KS

Job Ticket: 54352

DST#: 3

ATTN: Jim Baird / Rich Bel

Test Start: 2013.10.13 @ 10:00:56

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3679.00 ft | Diameter: 3.80 inches | Volume: 51.61 bbl | Tool Weight: 2200.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: 25000.00 lb |
| Drill Collar: | Length: 120.00 ft | Diameter: 2.25 inches | Volume: 0.59 bbl | Weight to Pull Loose: 75000.00 lb |
| | | | <u>Total Volume: 52.20 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 10.00 ft | | | String Weight: Initial 60000.00 lb |
| Depth to Top Packer: | 3810.00 ft | | | Final 60000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 10.00 ft | | | |
| Tool Length: | 31.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|----------------|
|------------------|-------------|------------|----------|------------|----------------|

| | | | | | |
|-----------------|------|------|---------|---------|-------------------------------|
| Change Over Sub | 1.00 | | | 3790.00 | |
| Shut In Tool | 5.00 | | | 3795.00 | |
| Hydraulic tool | 5.00 | | | 3800.00 | |
| Packer | 5.00 | | | 3805.00 | 21.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3810.00 | |
| Stubb | 1.00 | | | 3811.00 | |
| Perforations | 1.00 | | | 3812.00 | |
| Recorder | 0.00 | 8369 | Inside | 3812.00 | |
| Recorder | 0.00 | 8700 | Outside | 3812.00 | |
| Perforations | 5.00 | | | 3817.00 | |
| Bullnose | 3.00 | | | 3820.00 | 10.00 Bottom Packers & Anchor |

Total Tool Length: 31.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company LLC

Esslinger Ranch Inc #4-26

PO Box 428
Logon KS 67646-0428

26-3s-22w Norton,KS

Job Ticket: 54352

DST#: 3

ATTN: Jim Baird / Rich Bel

Test Start: 2013.10.13 @ 10:00:56

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: 46.00 sec/qt

Cushion Volume: bbl

Water Loss: 6.75 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 1100.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------------|---------------|
| 10.00 | O&GCM 5%G10%O85%M | 0.049 |

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

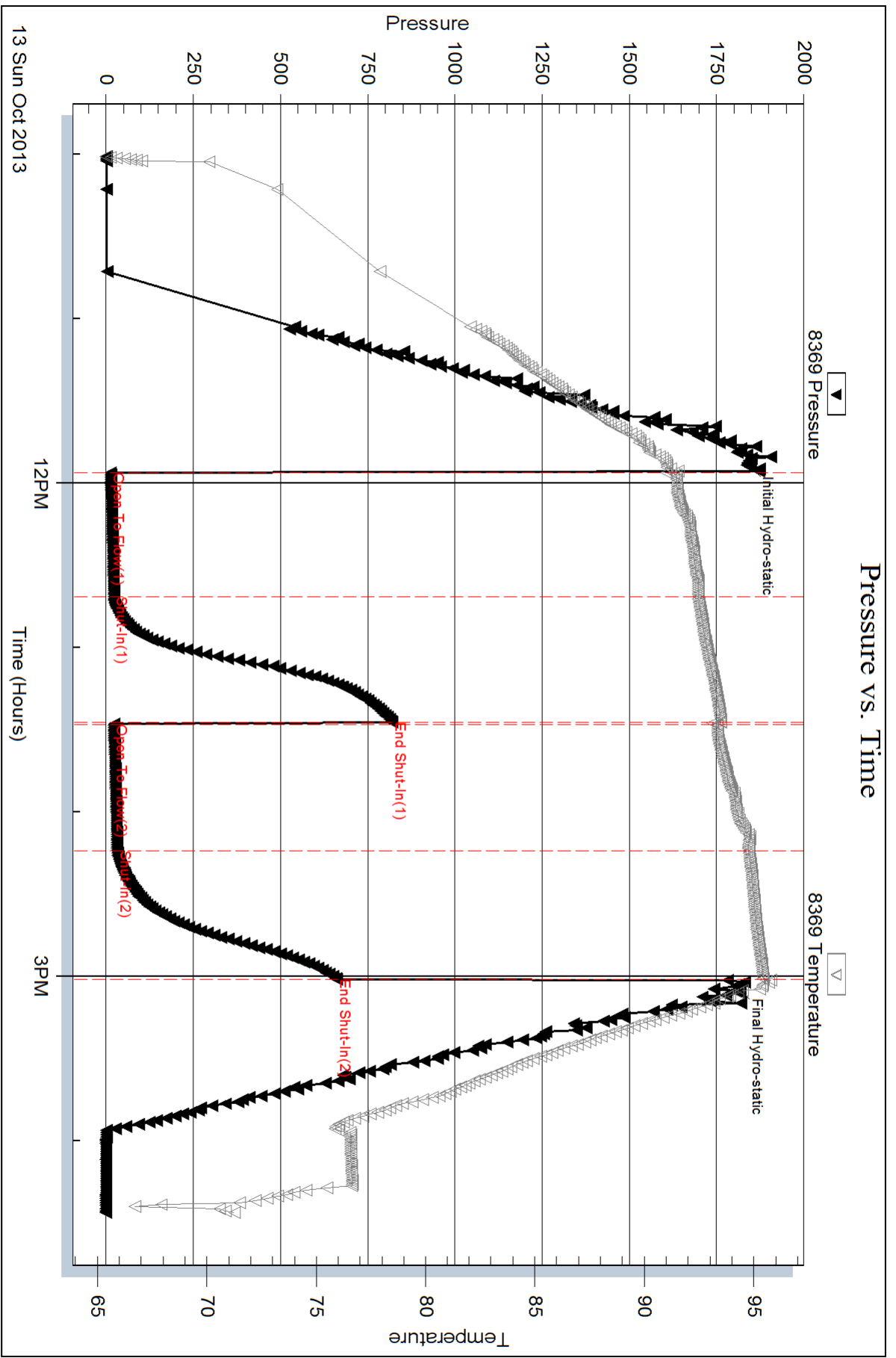
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

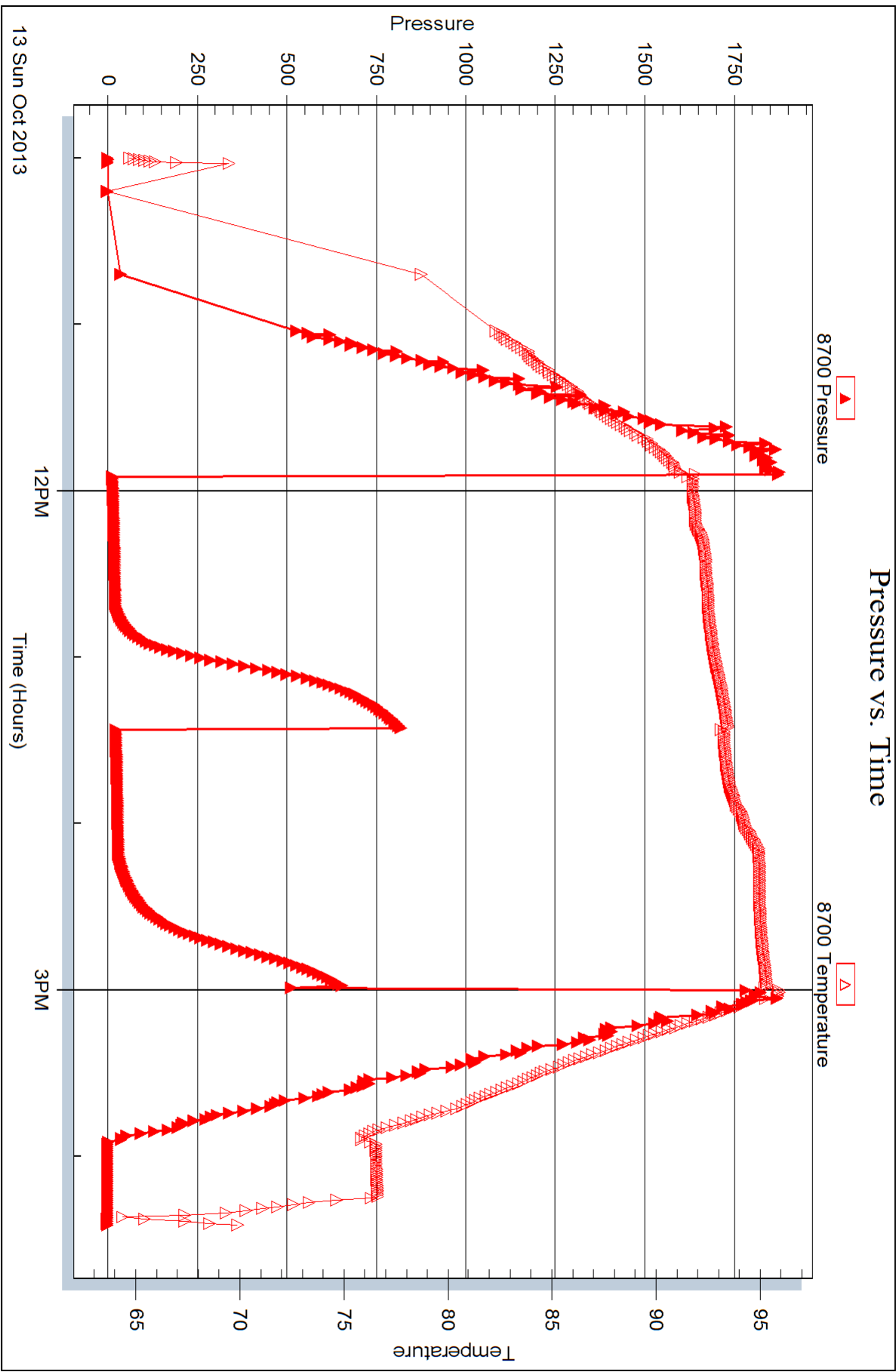


Serial #: 8700

Outside Baird Oil Company LLC

26-35-22w Norton, KS

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company LLC**

PO Box 428
Logon KS 67646-0428

ATTN: Jim Baird / Rich Bel

26-3s-22w Norton,KS

Esslinger Ranch Inc #4-26

Start Date: 2013.10.13 @ 22:45:22

End Date: 2013.10.14 @ 05:18:16

Job Ticket #: 54353 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.10.15 @ 15:11:14



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Baird Oil Company LLC

Esslinger Ranch Inc #4-26

PO Box 428
Logon KS 67646-0428

26-3s-22w Norton,KS

ATTN: Jim Baird / Rich Bel

Job Ticket: 54353

DST#: 4

Test Start: 2013.10.13 @ 22:45:22

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:39:32

Time Test Ended: 05:18:16

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 70

Interval: 3830.00 ft (KB) To 3835.00 ft (KB) (TVD)

Reference Elevations: 2302.00 ft (KB)

Total Depth: 3835.00 ft (KB) (TVD)

2294.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8369 Inside

Press @ Run Depth: 364.79 psig @ 3827.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.13

End Date:

2013.10.14

Last Calib.: 2013.10.14

Start Time: 22:45:22

End Time:

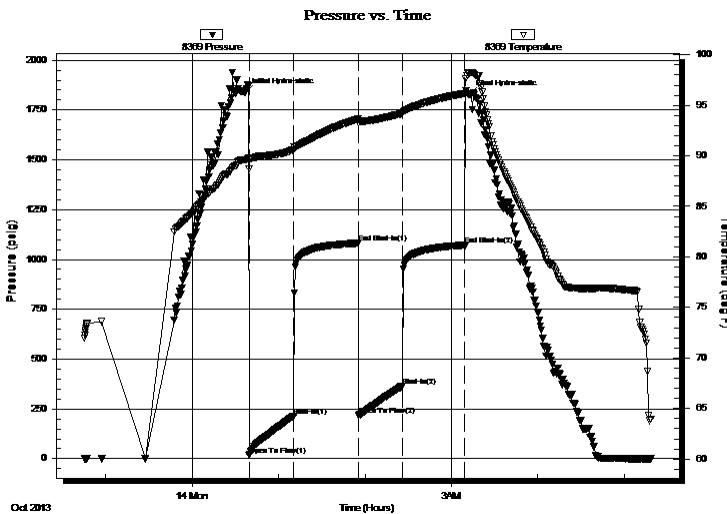
05:18:16

Time On Btm: 2013.10.14 @ 00:36:47

Time Off Btm: 2013.10.14 @ 03:12:31

TEST COMMENT: 30-IFP-w k to strg in 8 min
45-ISIP-surface bl bk
30-FFP-w k to strg in 9 min
45-FSIP-no bl

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1839.61 | 89.62 | Initial Hydro-static |
| 3 | 17.41 | 88.72 | Open To Flow (1) |
| 34 | 213.87 | 90.60 | Shut-In(1) |
| 79 | 1082.62 | 93.66 | End Shut-In(1) |
| 79 | 217.32 | 93.27 | Open To Flow (2) |
| 109 | 364.79 | 94.19 | Shut-In(2) |
| 153 | 1072.44 | 96.16 | End Shut-In(2) |
| 156 | 1826.88 | 98.19 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-----------------------------|--------------|
| 540.00 | Water | 6.48 |
| 70.00 | MW 20%M80%W w / show of oil | 0.98 |
| | | |
| | | |
| | | |

Gas Rates

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

* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Baird Oil Company LLC

PO Box 428
Logon KS 67646-0428

ATTN: Jim Baird / Rich Bel

Esslinger Ranch Inc #4-26

26-3s-22w Norton,KS

Job Ticket: 54353

DST#: 4

Test Start: 2013.10.13 @ 22:45:22

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:39:32

Time Test Ended: 05:18:16

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 70

Interval: 3830.00 ft (KB) To 3835.00 ft (KB) (TVD)

Reference Elevations: 2302.00 ft (KB)

Total Depth: 3835.00 ft (KB) (TVD)

2294.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8700 Outside

Press@RunDepth: psig @ 3827.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.13

End Date:

2013.10.14

Last Calib.:

2013.10.14

Start Time: 22:45:33

End Time:

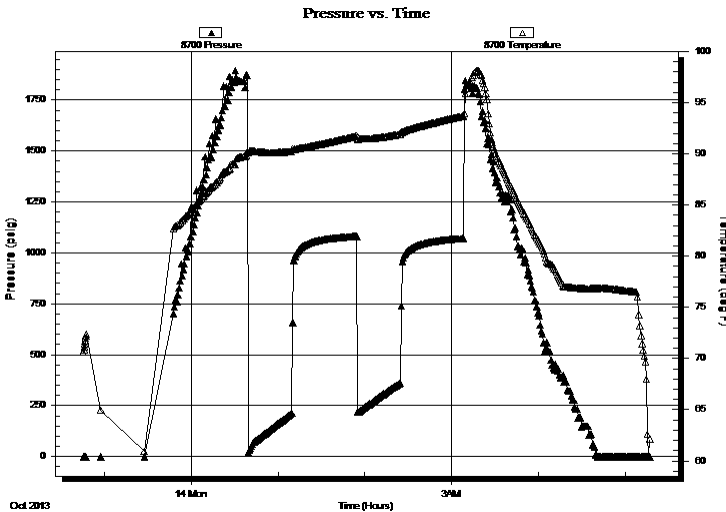
05:17:12

Time On Btm:

Time Off Btm:

TEST COMMENT: 30-IFP-w k to strg in 8 min
45-ISIP-surface bl bk
30-FFP-w k to strg in 9 min
45-FSIP-no bl

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|------------|
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Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-----------------------------|--------------|
| 540.00 | Water | 6.48 |
| 70.00 | MW 20%M80%W w / show of oil | 0.98 |
| | | |
| | | |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

| Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|----------------|-----------------|------------------|
| | | |
| | | |
| | | |
| | | |
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company LLC

Esslinger Ranch Inc #4-26

PO Box 428
Logon KS 67646-0428

26-3s-22w Norton,KS

Job Ticket: 54353

DST#: 4

ATTN: Jim Baird / Rich Bel

Test Start: 2013.10.13 @ 22:45:22

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3709.00 ft | Diameter: 3.80 inches | Volume: 52.03 bbl | Tool Weight: 2200.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: 25000.00 lb |
| Drill Collar: | Length: 120.00 ft | Diameter: 2.25 inches | Volume: 0.59 bbl | Weight to Pull Loose: 75000.00 lb |
| | | | <u>Total Volume: 52.62 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 30.00 ft | | | String Weight: Initial 60000.00 lb |
| Depth to Top Packer: | 3820.00 ft | | | Final 62000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 15.00 ft | | | |
| Tool Length: | 36.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|----------------|
|------------------|-------------|------------|----------|------------|----------------|

| | | | | | |
|-----------------|------|------|---------|---------|-------------------------------|
| Change Over Sub | 1.00 | | | 3800.00 | |
| Shut In Tool | 5.00 | | | 3805.00 | |
| Hydraulic tool | 5.00 | | | 3810.00 | |
| Packer | 5.00 | | | 3815.00 | 21.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3820.00 | |
| Stubb | 1.00 | | | 3821.00 | |
| Perforations | 6.00 | | | 3827.00 | |
| Recorder | 0.00 | 8369 | Inside | 3827.00 | |
| Recorder | 0.00 | 8700 | Outside | 3827.00 | |
| Perforations | 5.00 | | | 3832.00 | |
| Bullnose | 3.00 | | | 3835.00 | 15.00 Bottom Packers & Anchor |

Total Tool Length: 36.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company LLC

Esslinger Ranch Inc #4-26

PO Box 428
Logon KS 67646-0428

26-3s-22w Norton,KS

Job Ticket: 54353

DST#: 4

ATTN: Jim Baird / Rich Bel

Test Start: 2013.10.13 @ 22:45:22

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:

46000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.76 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1100.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-----------------------------|---------------|
| 540.00 | Water | 6.482 |
| 70.00 | MW 20%M80%W w / show of oil | 0.982 |

Total Length: 610.00 ft Total Volume: 7.464 bbl

Num Fluid Samples: 0

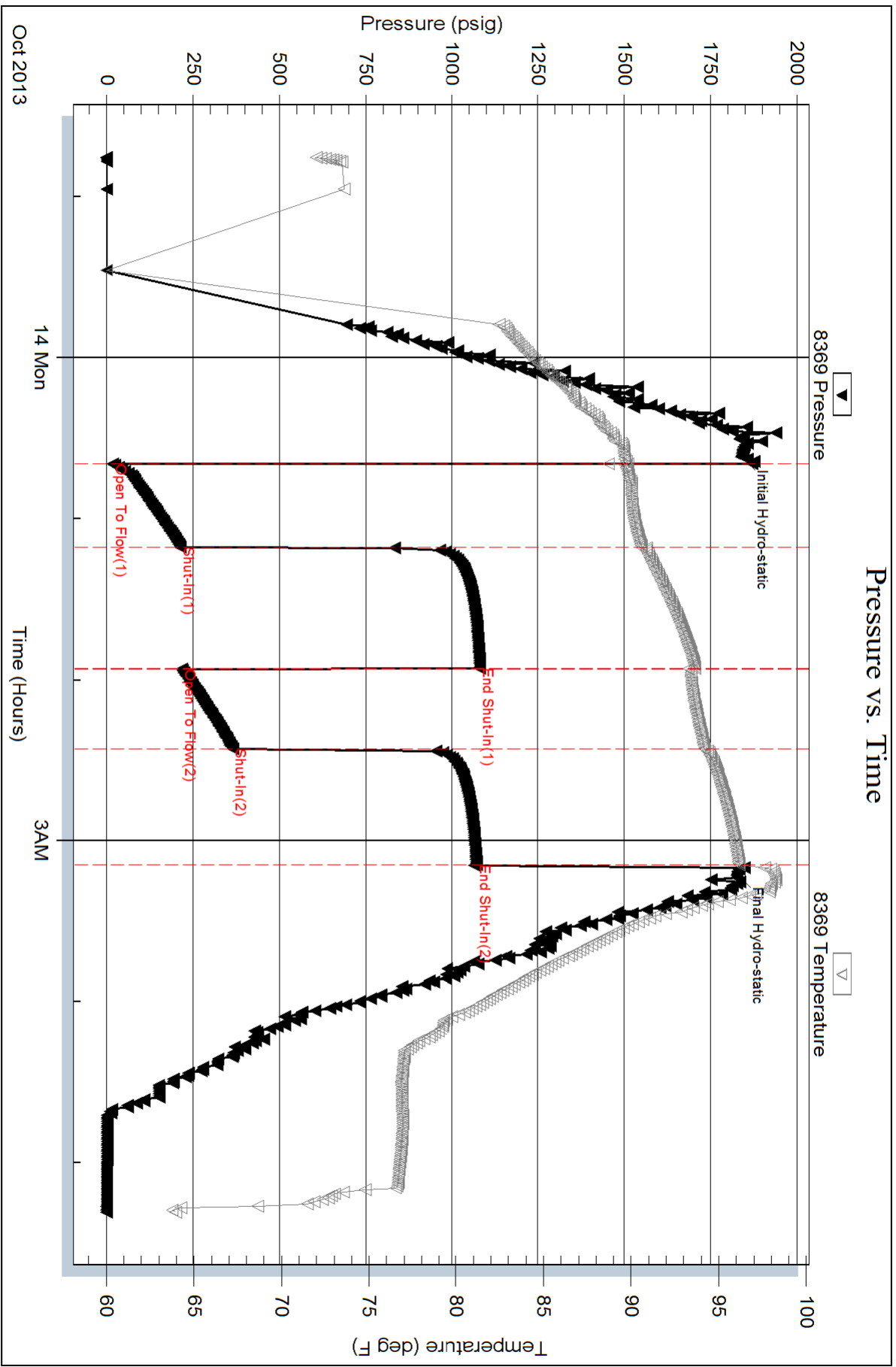
Num Gas Bombs: 0

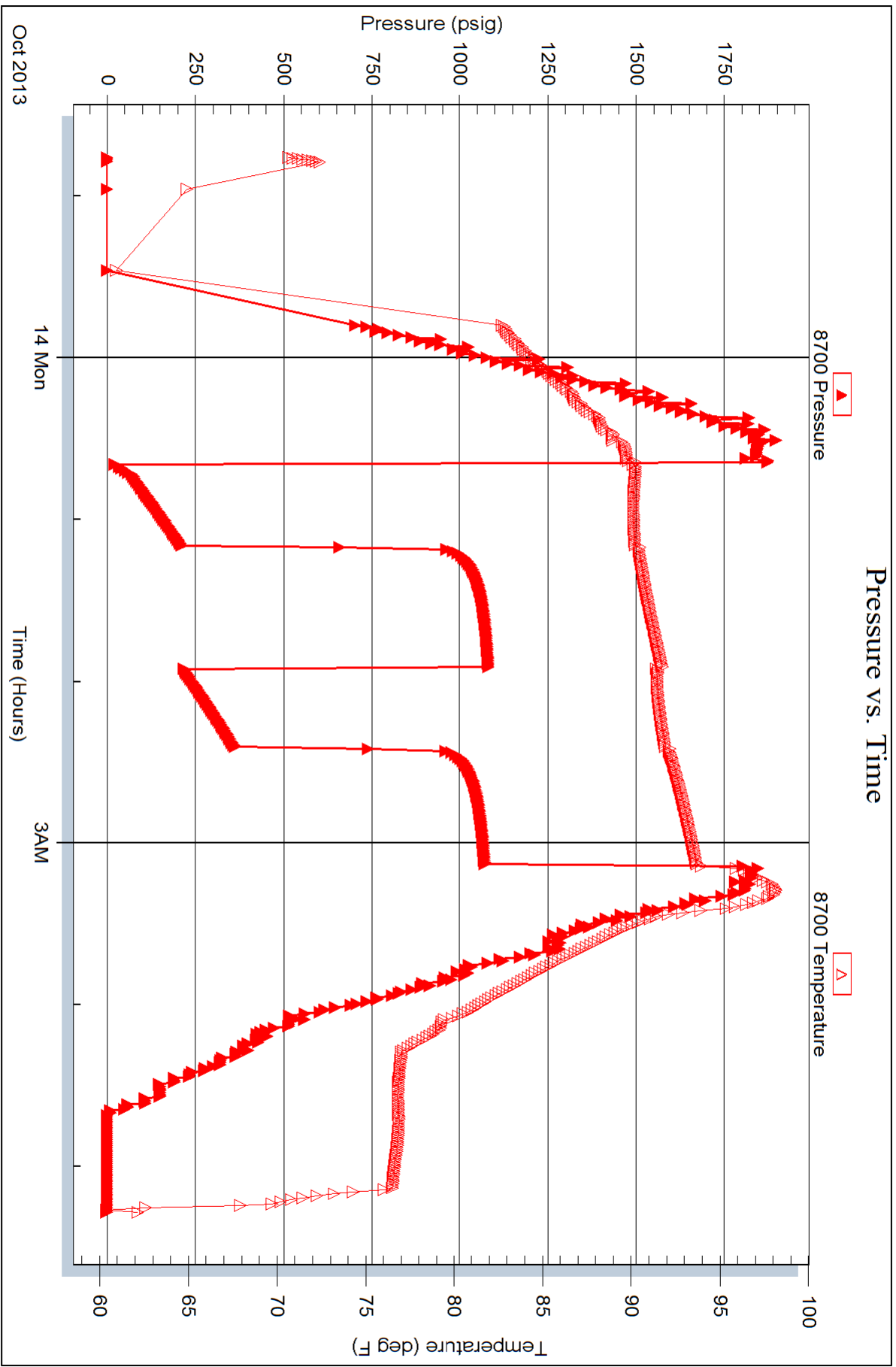
Serial #:

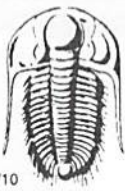
Laboratory Name:

Laboratory Location:

Recovery Comments: RW .15 @ 65F







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 54825

Well Name & No. Esslinger Ranch, Inc #4-26 Test No. 1 Date 10-11-13
 Company Baird Oil Company, LLC Elevation 2302 KB 2294 GL
 Address 113 W. MAIN P.O. Box 428 Logan, Ks 67646-0428
 Co. Rep / Geo. Rich Bell Rig WW rig 12
 Location: Sec. 26 Twp. 3^s Rge. 22^w Co. NORTON State Ko

Interval Tested 3674-3710 Zone Tested LKC "J"
 Anchor Length 36 Drill Pipe Run 3552 Mud Wt. 9.3
 Top Packer Depth 3669 Drill Collars Run 120 Vis 60
 Bottom Packer Depth 3674 Wt. Pipe Run — WL 6.8
 Total Depth 3710 Chlorides 1100 ppm System LCM 1#
 Blow Description IFP - Weak surface blow, died in 15min
ISTP - NO Blow
FFP - NO Blow

| Rec | Feet of | %gas | %oil | %water | %mud |
|----------|------------|------|------|--------|------|
| <u>2</u> | <u>Mud</u> | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Rec Total 2 BHT 93 Gravity — API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic 1795 Test 1150 T-On Location 1830
 (B) First Initial Flow 18 Jars T-Started 2105
 (C) First Final Flow 18 Safety Joint T-Open 2250
 (D) Initial Shut-In 32 Circ Sub T-Pulled 2355
 (E) Second Initial Flow 19 Hourly Standby T-Out 0137
 (F) Second Final Flow 19 Mileage 180 RT 96rt 148.80 Comments Motel stay
 (G) Final Shut-In — Sampler Ruined Shale Packer
 (H) Final Hydrostatic 1780 Straddle Ruined Packer
 Shale Packer Extra Copies
 Extra Packer Extra Recorder Sub Total 0
 Extra Recorder Day Standby Total 1298.80
 Day Standby Accessibility MP/DST Disc't
 Accessibility Sub Total 1298.80

Initial Open 30
 Initial Shut-In 30
 Final Flow 5
 Final Shut-In pulled Tool

Approved By _____ Our Representative Ray Schwager Thank you

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



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 54351

Well Name & No. Esslinger Ranch, Inc #4-26 Test No. 2 Date 10-12-13
 Company Baird Oil Company LLC Elevation 2302 KB 2294 GL
 Address 113 W. MAIN PO Box 428 Logan, Ks 67646-0428
 Co. Rep / Geo. Rich Bell Rig WW1912
 Location: Sec. 26 Twp. 3^s Rge. 22^w Co. NORTON State Ks

Interval Tested 3798-3810 Zone Tested Penn sd
 Anchor Length 12 Drill Pipe Run 3680 Mud Wt. 9.2
 Top Packer Depth 3793 Drill Collars Run 120 Vis 52
 Bottom Packer Depth 3798 Wt. Pipe Run — WL 6.8
 Total Depth 3810 Chlorides 1100 ppm System LCM 1#

Blow Description IFF - WEAK Blow then-out 1/4" To 1" Blow
ISIP - NO Blow
FFP - NO Blow 1st 15min, then very weak surface Blow
FSTIP - NO Blow

| Rec | Feet of | %gas | %oil | %water | %mud |
|-----------|-----------|------|-----------|--------|-----------|
| <u>25</u> | <u>CO</u> | | | | |
| <u>40</u> | <u>MO</u> | | <u>70</u> | | <u>30</u> |
| | | | | | |
| | | | | | |
| | | | | | |

Rec Total 65 BHT 98 Gravity 18 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 1842 Test 1150 T-On Location 2105
 (B) First Initial Flow 16 Jars T-Started 2130
 (C) First Final Flow 32 Safety Joint T-Open 2340
 (D) Initial Shut-In 789 Circ Sub T-Pulled 0225
 (E) Second Initial Flow 37 Hourly Standby T-Out 0418
 (F) Second Final Flow 45 Mileage 148.80 Comments MOTEL STAY
 (G) Final Shut-In 759 Sampler Ruined Shale Packer
 (H) Final Hydrostatic 1818 Straddle Ruined Packer

Initial Open 45 Extra Packer Extra Copies
 Initial Shut-In 45 Extra Recorder Sub Total 0
 Final Flow 30 Day Standby Total 1298.80
 Final Shut-In 45 Accessibility MP/DST Disc't

Approved By _____ Our Representative RAY SCHWAGER *Thank you*

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



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 54352

Well Name & No. Esslinger Ranch, Inc # 4-26 Test No. 3 Date 10-13-13
 Company BAIRD OIL COMPANY LLC Elevation 2302 KB 2294 GL
 Address 113 W. MAIN PO Box 428 Logan, Ko 67646-0428
 Co. Rep / Geo. Rich Bell Rig WW rig 12
 Location: Sec. 26 Twp. 3^s Rge. 22^w Co. NORTON State Ko

Interval Tested 3810-3820 Zone Tested Arbuckle
 Anchor Length 10 Drill Pipe Run 3679 Mud Wt. 9.2
 Top Packer Depth 3805 Drill Collars Run 120 Vis 46
 Bottom Packer Depth 3810 Wt. Pipe Run - WL 6.4
 Total Depth 3820 Chlorides 1100 ppm System LCM 1#

Blow Description IFP - Very Weak Blow, surface to 1/16" Blow
ISIP - NO Blow
FFP - SURFACE Blow thru-out
FSIP - NO Blow

| Rec | Feet of | %gas | %oil | %water | %mud |
|-----------|---------------|----------|-----------|-----------|------|
| <u>10</u> | <u>0-6 CM</u> | <u>5</u> | <u>10</u> | <u>85</u> | |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |

Rec Total 10 BHT 95 Gravity - API RW - @ - ° F Chlorides - ppm

(A) Initial Hydrostatic 1837 Test 1150 T-On Location 0930
 (B) First Initial Flow 13 Jars T-Started 1000
 (C) First Final Flow 22 Safety Joint T-Open 1155
 (D) Initial Shut-In 820 Circ Sub T-Pulled 1455
 (E) Second Initial Flow 22 Hourly Standby T-Out 1626
 (F) Second Final Flow 32 Mileage 148.80 Comments Motel
 (G) Final Shut-In 661 Sampler Ruined Shale Packer
 (H) Final Hydrostatic 1806 Straddle Ruined Packer

Initial Open 45 Shale Packer Extra Copies
 Initial Shut-In 45 Extra Packer Sub Total 0
 Final Flow 45 Extra Recorder Total 1298.80
 Final Shut-In 45 Day Standby MP/DST Disc't
 Accessibility Sub Total 1298.80

Approved By _____ Our Representative Ray Schwager Thank you

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 54353

Well Name & No. Esslinger Ranch, Inc #4-26 Test No. 4 Date 10-13-13
 Company Barad Oil Company LLC Elevation 2302 KB 2294 GL
 Address 113 W. Main Po Box 428 Logan, Ks 67646-0428
 Co. Rep / Geo. Rich Bell Rig WW rig 12
 Location: Sec. 26 Twp. 3^s Rge. 22^w Co. Norton State Ks

Interval Tested 3820-3835 Zone Tested Arbuckle
 Anchor Length 15 Drill Pipe Run 3709 Mud Wt. 9
 Top Packer Depth 3815 Drill Collars Run 120 Vis 53
 Bottom Packer Depth 3820 Wt. Pipe Run - WL 6.4
 Total Depth 3835 Chlorides 1100 ppm System LCM 2#

Blow Description IFP - WEAK TO STRONG IN 8 MIN
ISIP - SURFACE BLOW BACK
FFP - WEAK TO STRONG IN 9 MIN
FSIP - NO BLOW

| Rec | Feet of | %gas | %oil | %water | %mud |
|------------|-------------------------|------|------|-----------|-----------|
| <u>70</u> | <u>MW w/show of oil</u> | | | <u>80</u> | <u>20</u> |
| <u>540</u> | <u>WATER</u> | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Rec Total 610 BHT 96 Gravity - API RW .15 @ 65 ° F Chlorides 46000 ppm
 (A) Initial Hydrostatic 1839 Test 1150 T-On Location 2200
 (B) First Initial Flow 17 Jars - T-Started 2245
 (C) First Final Flow 213 Safety Joint - T-Open 0040
 (D) Initial Shut-In 1082 Circ Sub - T-Pulled 0310
 (E) Second Initial Flow 217 Hourly Standby - T-Out 0518
 (F) Second Final Flow 364 Mileage N/C Comments STAYED AT RIG BETWEEN TESTS
 (G) Final Shut-In 1072 Sampler -
 (H) Final Hydrostatic 1826 Straddle - Ruined Shale Packer -
 Shale Packer - Ruined Packer -
 Extra Packer - Extra Copies -
 Extra Recorder - Sub Total 0
 Day Standby - Total 1150
 Accessibility - MP/DST Disc't -
 Sub Total 1150

Initial Open 30
 Initial Shut-In 45
 Final Flow 30
 Final Shut-In 45

Approved By _____ Our Representative Ray Schwager *Thank you*

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APT-15-137-20672-0000

GEOLOGICAL REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY Baird Oil Company, L.L.C.
 LEASE Esslinger Ranch, Inc. #4-26
 FIELD Red Fox
 LOCATION 1733' FSL + 1230' FEL
 SEC 26 TWSP 35 RGE 22W
 COUNTY Norton STATE Kansas

ELEVATION
 KB 2302'
 DF 2300'
 GL 2294'
 Depths Measured From
 Log KB Drilling KB

CONTRACTOR W.M. Drilling Rig #12
 SPUD 10-7-13 COMP 10-14-13
 SAMPLES SAVED FROM 3280' TO R.T.D.

CASING
 Surface 3 7/8" @ 222'
 Production None
 ELECTRIC LOGS
Nabors

FORMATION TOPS AND STRUCTURAL POSITION

| FORMATION | SURF | E. LOG | DATUM | A | B | C | D |
|------------------|------|--------|--------|--------|--------|---|---|
| Hydrate | 1986 | 1982 | + 320 | + 325 | + 315 | | |
| Base Anhydrite | 2014 | 2010 | + 292 | + 297 | + 288 | | |
| Topeka | 3305 | 3301 | - 999 | - 995 | - 999 | | |
| Heebner | 3504 | 3501 | - 1199 | - 1196 | - 1199 | | |
| Toronto | 3529 | 3526 | - 1224 | - 1222 | - 1225 | | |
| Lansing | 3545 | 3542 | - 1240 | - 1237 | - 1241 | | |
| Base Kansas City | 3738 | 3736 | - 1434 | - 1430 | - 1430 | | |
| Marmaton | 3772 | 3769 | - 1467 | - 1461 | - 1457 | | |
| Arbuckle | 3809 | 3807 | - 1505 | | | | |
| Gran Wash | 3829 | 3826 | - 1524 | | - 1494 | | |
| Granite | 3837 | 3834 | - 1532 | - 1516 | - 1529 | | |
| Total Depth | 3852 | 3850 | - 1548 | - 1542 | - 1554 | | |

REFERENCE WELLS

- 1 Baird Oil Co. LLC, Esslinger Ranch, Inc. #4-26, 710' FSL + 1635' FEL Sec. 26-35-22W
- 2 Baird Oil Co. LLC, Esslinger Ranch, Inc. #4-26, 2265' FSL 230' FEL Sec. 26-35-22W
- 3
- 4

REMARKS

This well ran 16 feet higher to 3 feet lower on the surface top than the reference wells. After receiving O.S.T. and open hole log data, it was decided no further testing was warranted. The well was plugged and abandoned.

Richard D. Hill
10/15/67

LEGEND

- Anhydrite
- Salt
- Sandstone
- Shale
- Coal sh.
- Limestone
- Oil-Lime
- Chert
- Dolomite

DRILLING TIME IN MINUTES
PER FOOT

Rate of Penetration Decreases



5" 10" 15" 20" 25"

DEPTH

1980

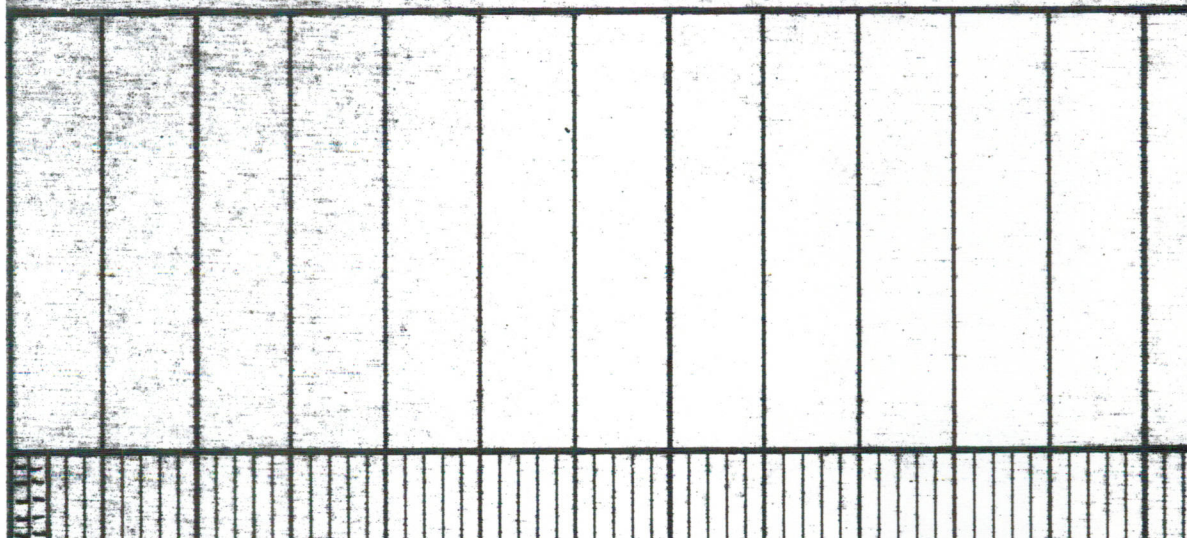
2000

LITHOLOGY

SAMPLE DESCRIPTIONS

OIL SHOWS

REMARKS



Samples are logged
and sampled

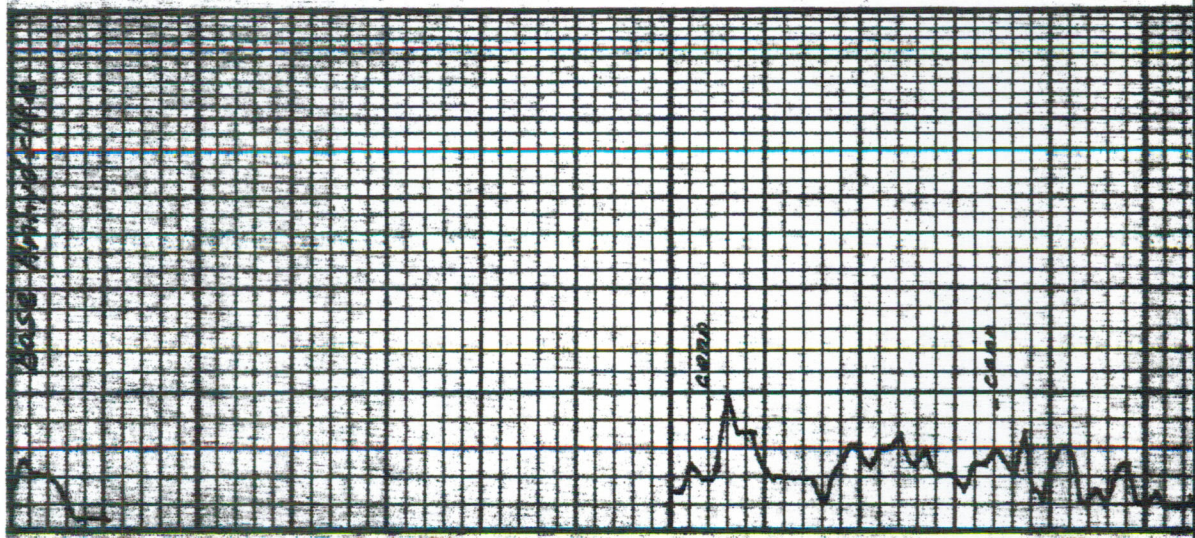
2020

3200

20

40

BASE



60

80

3300

20

40

60

LS: wh-tn-lt gry slaty-fsh
sh. fol. pp. N.S.O.

As: tn-gry felt dms N.S.O.

Sh: gry slaty

LS: wh-tn-lt gry cky-fsh
fr. felt dms N.S.O.

LS: wh-tn sl. cky-fsh, sh. felt
pp. N.S.O.

LS: wh-tn fsh - sh. felt
pp. N.S.O.

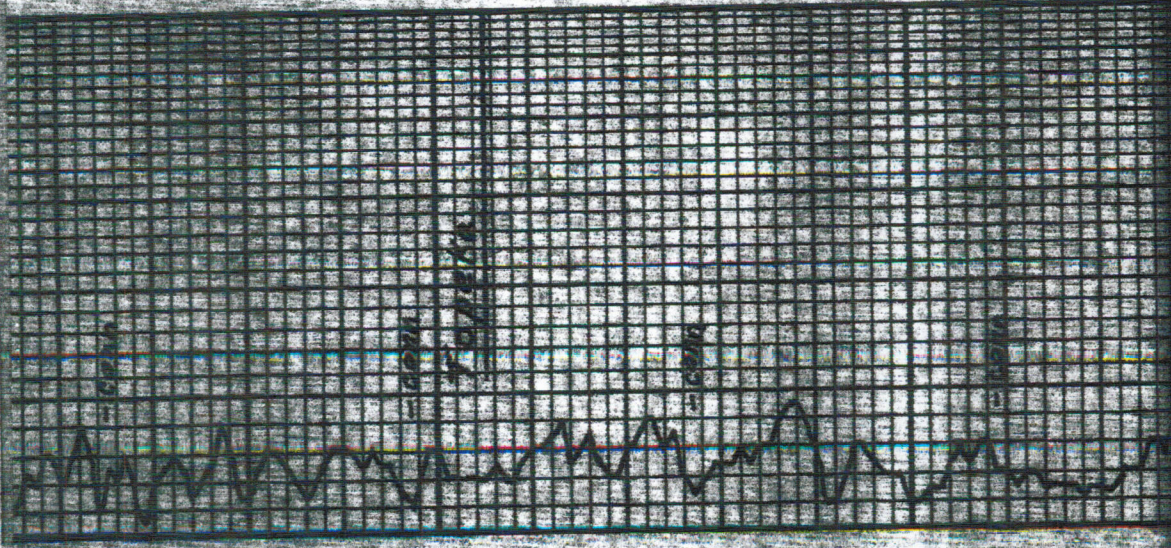
LS: wh-tn-lt gry cky-fsh -
sh. felt pp. N.S.O.
sh: gry, grn

LS: wh-tn fsh pp. N.S.O.

LS: wh-tn-lt gry fsh to bed
mostly dms

sh: gry slaty

LS: wh-tn-lt gry fr. bed
sh. p. mostly dms to a thin



15: wh. to. Lt. gry. cky - fckn
 71.511-1518 dms N.S.O.

sh. brn gry
 71.515-1519.90 contol.
 fckn dms N.S.O.

inc. sh. brn slty

15: wh. to. cky. p. fckn. sl. ool
 P.P.P. N.S.O.

sh. brn slty
 15: wh. to. cky. fckn. sl. ool.
 sub ool p.p.p. N.S.O.

Tr. blk carb. sh
 75: to fckn. sl. 1518 dms

15: wh. to. brn cky - fckn
 ool p.p.p. N.S.O.

15: wh. to. Lt. gry. fckn 71.511.
 ool p.p.p. N.S.O.

15: wh. to. Lt. gry. sl. cky.
 fckn dms N.S.O.

sl. ool p.p.p.

3400

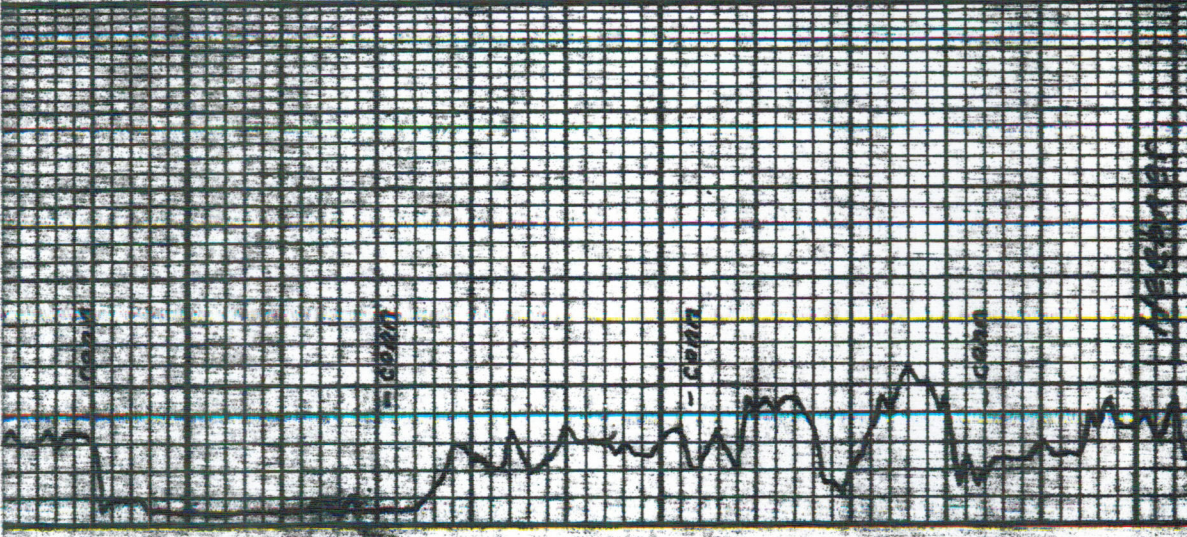
20

40

60

80

3500



10000

10000

10000

10000

CORRECTION

25: wh. silty, fine N.S.O.

50: wh. silty, fine N.S.O.

55: wh. silty

60: wh. silty, fine N.S.O.
70: wh. silty

55: wh. silty

65: wh. silty, fine N.S.O.
75: wh. silty, fine N.S.O.
80: wh. silty, fine N.S.O.

75: wh. silty, fine N.S.O.

55: wh. silty, fine N.S.O.

55: wh. silty
65: wh. silty, fine N.S.O.
75: wh. silty, fine N.S.O.

55: wh. silty

75: wh. silty, fine N.S.O.

55: wh. silty

75: wh. silty, fine N.S.O.
85: wh. silty, fine N.S.O.

65: wh. silty, fine N.S.O.

20

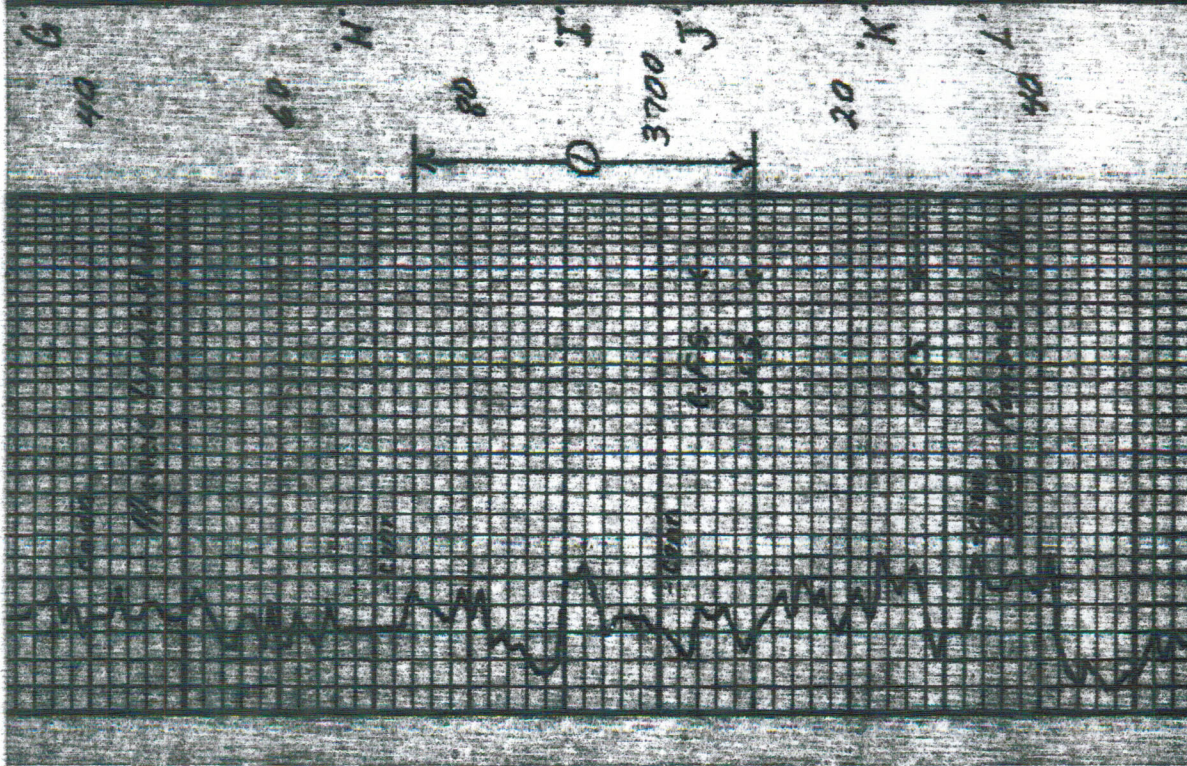
40

60

80

3600

20



| | | | | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 19.41-19.42 | 15.00-15.01 | 15.01-15.02 | 15.02-15.03 | 15.03-15.04 | 15.04-15.05 | 15.05-15.06 | 15.06-15.07 | 15.07-15.08 | 15.08-15.09 |
| 15.00-15.01 | 15.01-15.02 | 15.02-15.03 | 15.03-15.04 | 15.04-15.05 | 15.05-15.06 | 15.06-15.07 | 15.07-15.08 | 15.08-15.09 | 15.09-15.10 |
| 15.00-15.01 | 15.01-15.02 | 15.02-15.03 | 15.03-15.04 | 15.04-15.05 | 15.05-15.06 | 15.06-15.07 | 15.07-15.08 | 15.08-15.09 | 15.09-15.10 |
| 15.00-15.01 | 15.01-15.02 | 15.02-15.03 | 15.03-15.04 | 15.04-15.05 | 15.05-15.06 | 15.06-15.07 | 15.07-15.08 | 15.08-15.09 | 15.09-15.10 |

Board 3733.56
Strip 3731.81
Diff 1.74
Inclination 3710' 3/4"

Trilobite Testing

DST #1 3674-3710'
30-30-5 pulled foot
IT: with blow drill in 15min
Recovery: 2' mud
Mud: 1795-1780#
TP: 15-18/19-19#
BNP: 32#
BH Temp: 93°F

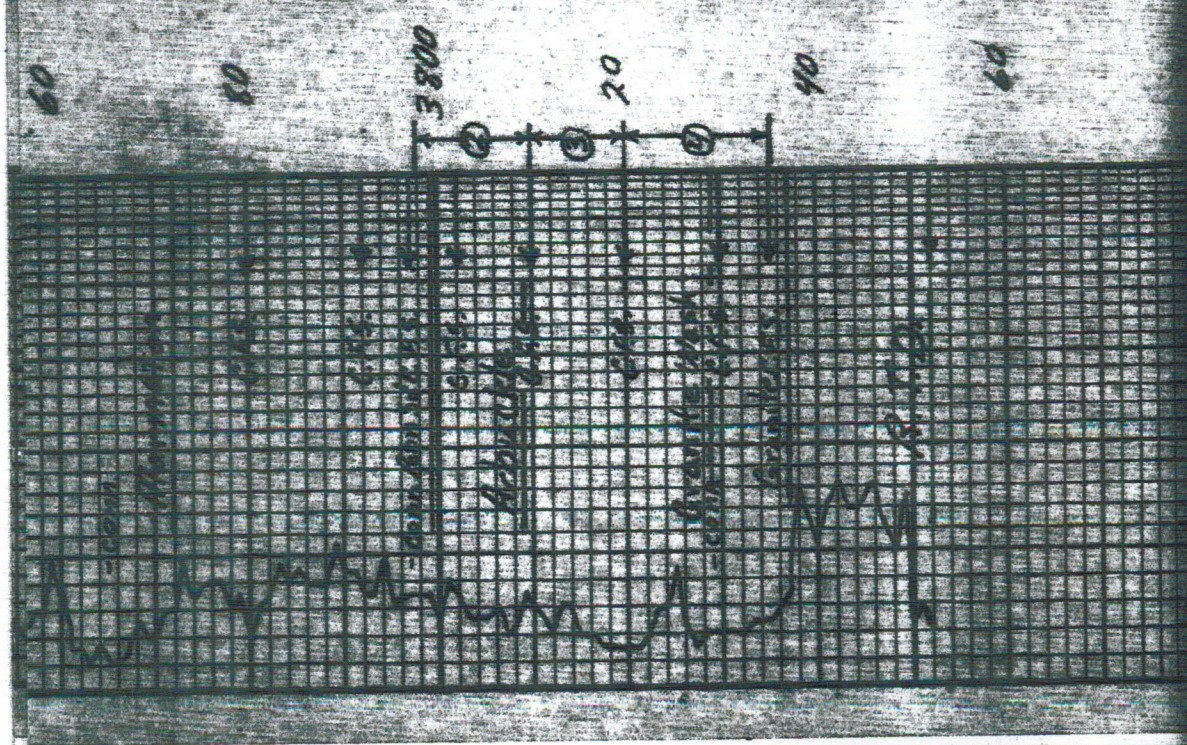
DST #2 3798-3810'
15-45-30-45
IT: with blow drill in 15min
IT: Surface blow after 15min
Recovery: 65' Total
25' C.O. gravity 18°API
40' M.A. 70%O, 30%M
Mud: 1842-1818#
TP: 16-32/37-45#
BNP: 78# - 759#
BH Temp: 98°F

DST #3 3810-3820'
15-45-46-45

Recovery: 10.046CM
 57.6, 107.0, 96%N
 114.1837-1806#
 17.13.22/22-22#
 81P. 820-661#
 81Temp: 95°F

DST #4 3820-3833
 30-45 - 30-45
 IF: 8.0.B. in 8 min.
 TSC: surface blow
 FF: 8.0.B. in 9 min.
 TST: No blow
 Recovery: 610 Total
 70 (MMS 5.0.802U), 207M
 590 water
 114: 1839-1826#
 FP: 17.213/217-364#
 81P: 1082-1072#
 81Temp: 96°F
 Chlorides: 46,000 ppm

15:00 to 16:00 C.O. has d.s.o.
 16:00
 17:00
 18:00
 19:00
 20:00
 21:00
 22:00
 23:00
 24:00
 25:00
 26:00
 27:00
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 29:00
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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/>

Shari Feist Albrecht, Chair
Thomas E. Wright, Commissioner
Jay Scott Emler, Commissioner

Sam Brownback, Governor

March 11, 2014

Jim R. Baird
Baird Oil Company LLC
113 W MAIN
PO BOX 428
LOGAN, KS 67646

Re: ACO-1
API 15-137-20672-00-00
Esslinger Ranch, Inc. 4-26
SE/4 Sec.26-03S-22W
Norton County, Kansas

Dear Jim R. Baird:

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 10/7/2013 and the ACO-1 was received on March 06, 2014 (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