



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: _____



1055808

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

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

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

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Baird Oil Company LLC
Well Name	Anna 1-3
Doc ID	1055808

Tops

Name	Top	Datum
Anhydrite	1854	+363
Base Anhydrite	1881	+336
Topeka	3210	-993
Heebner	3413	-1196
Toronto	3438	-1221
Lansing	3456	-1239
Base Kansas City	3642	-1425
Marmaton	3679	-1462
Precambrian	3729	-1512
Total Depth	3751	-1534

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/>

Thomas E. Wright, Chairman
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

May 13, 2011

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

Re: ACO1
API 15-137-20557-00-00
Anna 1-3
SE/4 Sec.03-04S-21W
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



DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company**

PO Box 428
Logan, KS 67646

ATTN: Richard Bell

3-4s-21w Norton, KS

Anna 1-3

Start Date: 2011.04.30 @ 21:35:16

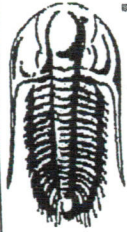
End Date: 2011.05.01 @ 04:20:16

Job Ticket #: 42824 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Baird Oil Company

Anna 1-3

PO Box 428
Logan, KS 67646

3-4s-21w Norton, KS

Job Ticket: 42824

DST#: 1

ATTN: Richard Bell

Test Start: 2011.04.30 @ 21:35:16

GENERAL INFORMATION:

Formation: LKC "A"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 23:33:16
Time Test Ended: 04:20:16

Test Type: Conventional Bottom Hole
Tester: Brett Dickinson
Unit No: 47

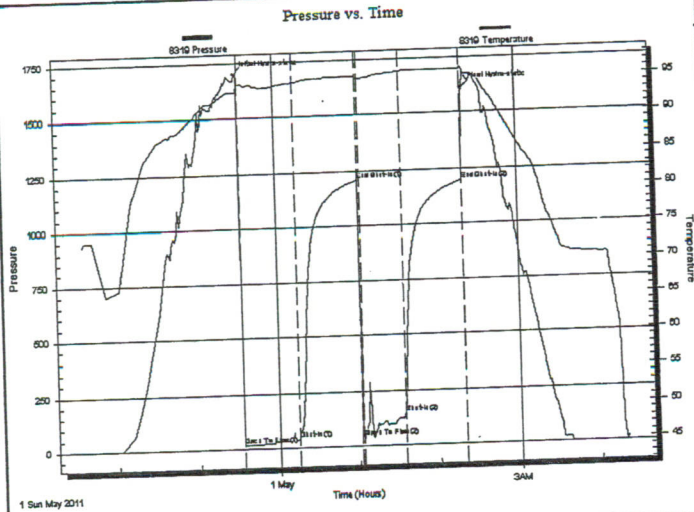
Interval: 3445.00 ft (KB) To 3466.00 ft (KB) (TVD)
Total Depth: 3446.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2217.00 ft (KB)
2212.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8319 Inside
Press@RunDepth: 147.79 psig @ 3449.00 ft (KB)
Start Date: 2011.04.30 End Date: 2011.05.01
Start Time: 21:35:21 End Time: 04:20:15

Capacity: 8000.00 psig
Last Calib.: 2011.05.01
Time On Btm: 2011.04.30 @ 23:31:16
Time Off Btm: 2011.05.01 @ 02:21:16

TEST COMMENT: IF-1in blow died back to 3/4in blow
ISI-No blow
FF-No blow
FSI-No blow



PRESSURE SUMMARY

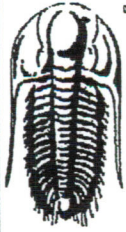
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1696.98	93.64	Initial Hydro-static
2	16.92	94.43	Open To Flow (1)
44	41.84	94.77	Shut-In(1)
91	1208.92	95.39	End Shut-In(1)
92	38.61	95.06	Open To Flow (2)
123	147.79	95.86	Shut-In(2)
169	1195.46	96.05	End Shut-In(2)
170	1610.10	96.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Oil	0.00
64.00	MCW 30%M 70%W	0.31

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company

Anna 1-3

PO Box 428
Logan, KS 67646

3-4s-21w Norton, KS

Job Ticket: 42824

DST#: 1

ATTN: Richard Bell

Test Start: 2011.04.30 @ 21:35:16

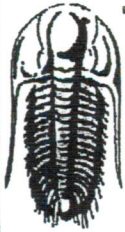
Tool Information

Drill Pipe:	Length: 3322.00 ft	Diameter: 3.80 inches	Volume: 46.60 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 47.21 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3445.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	41.00 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			3426.00	
Shut In Tool	5.00			3431.00	
Hydraulic tool	5.00			3436.00	
Packer	4.00			3440.00	20.00 Bottom Of Top Packer
Packer	5.00			3445.00	
Stubb	1.00			3446.00	
Perforations	3.00			3449.00	
Recorder	0.00	8319	Inside	3449.00	
Recorder	0.00	6753	Outside	3449.00	
Perforations	14.00			3463.00	
Bullnose	3.00			3466.00	21.00 Bottom Packers & Anchor

Total Tool Length: 41.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company

Anna 1-3

PO Box 428
Logan, KS 67646

3-4s-21w Norton, KS

Job Ticket: 42824

DST#: 1

ATTN: Richard Bell

Test Start: 2011.04.30 @ 21:35:16

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:

65000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
1.00	Oil	0.005
64.00	MCW 30%M 70%W	0.315

Total Length: 65.00 ft

Total Volume: 0.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

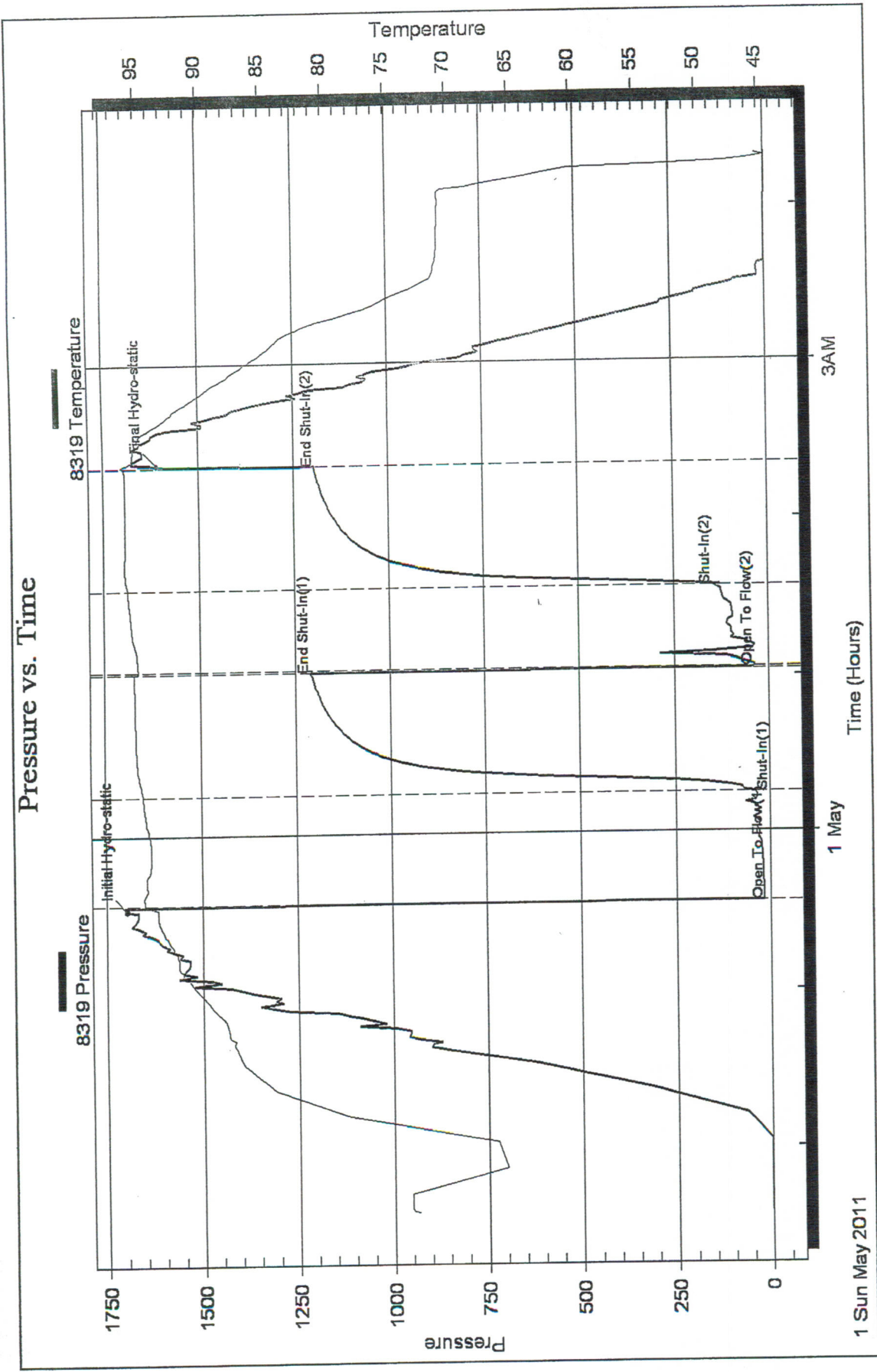
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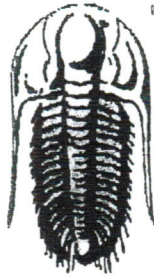
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company**

PO Box 428
Logan, KS 67646

ATTN: Richard Bell

3-4s-21w Norton, KS

Anna 1-3

Start Date: 2011.05.01 @ 10:05:01

End Date: 2011.05.01 @ 15:42:01

Job Ticket #: 42825 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Baird Oil Company

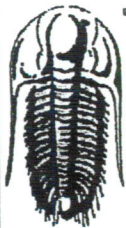
Anna 1-3

3-4s-21w Norton, KS

DST # 2

LKC-C"

2011.05.01



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Baird Oil Company

Anna 1-3

PO Box 428
Logan, KS 67646

3-4s-21w Norton, KS

Job Ticket: 42825 DST#: 2

ATTN: Richard Bell

Test Start: 2011.05.01 @ 10:05:01

GENERAL INFORMATION:

Formation: **LKC"C"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:27:01
 Time Test Ended: 15:42:01

Test Type: Conventional Bottom Hole
 Tester: Brett Dickinson
 Unit No: 47

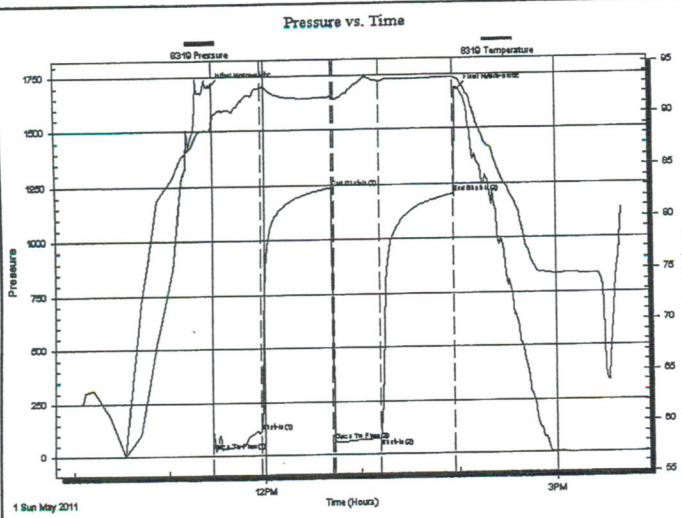
Interval: **3472.00 ft (KB) To 3491.00 ft (KB) (TVD)**
 Total Depth: **3491.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair

Reference Elevations: 2217.00 ft (KB)
 2212.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8319 inside
 Press@RunDepth: 73.82 psig @ 3476.00 ft (KB)
 Start Date: 2011.05.01 End Date: 2011.05.01
 Start Time: 10:05:06 End Time: 15:42:00

Capacity: 8000.00 psig
 Last Calib.: 2011.05.01
 Time On Btm: 2011.05.01 @ 11:25:31
 Time Off Btm: 2011.05.01 @ 14:00:01

TEST COMMENT: IF-BOB in 19min
 IS-Weak surface blow
 FF-9.5in blow
 FSI-1/2in blow



PRESSURE SUMMARY

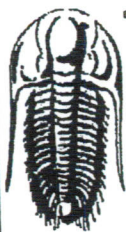
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1705.44	88.59	Initial Hydro-static
2	22.25	89.42	Open To Flow (1)
32	111.53	92.79	Shut-In(1)
77	1235.67	91.79	End Shut-In(1)
78	62.66	91.50	Open To Flow (2)
106	73.82	93.23	Shut-In(2)
152	1201.99	93.59	End Shut-In(2)
155	1682.05	93.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	SGOCM 5%G 35%O 60%M	0.15
155.00	SGO 10%G 90%O	1.32
0.00	180ft GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company

Anna 1-3

PO Box 428
Logan, KS 67646

3-4s-21w Norton, KS

Job Ticket: 42825

DST#: 2

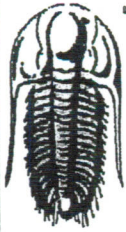
ATTN: Richard Bell

Test Start: 2011.05.01 @ 10:05:01

Tool Information

Drill Pipe:	Length: 3355.00 ft	Diameter: 3.80 inches	Volume: 47.06 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 47.67 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3472.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 ft			
Tool Length:	39.00 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			3453.00	
Shut In Tool	5.00			3458.00	
Hydraulic tool	5.00			3463.00	
Packer	4.00			3467.00	20.00 Bottom Of Top Packer
Packer	5.00			3472.00	
Stubb	1.00			3473.00	
Perforations	3.00			3476.00	
Recorder	0.00	8319	Inside	3476.00	
Recorder	0.00	6753	Outside	3476.00	
Perforations	12.00			3488.00	
Bullnose	3.00			3491.00	19.00 Bottom Packers & Anchor
Total Tool Length:	39.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company

Anna 1-3

PO Box 428
Logan, KS 67646

3-4s-21w Norton, KS

Job Ticket: 42825

DST#: 2

ATTN: Richard Bell

Test Start: 2011.05.01 @ 10:05:01

Mud and Cushion Information

Mud Type: Gal Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.37 in*

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	SGOCM 5%G 35%O 60%M	0.148
155.00	SGO 10%G 90%O	1.318
0.00	180ft GIP	0.000

Total Length: 185.00 ft

Total Volume: 1.466 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

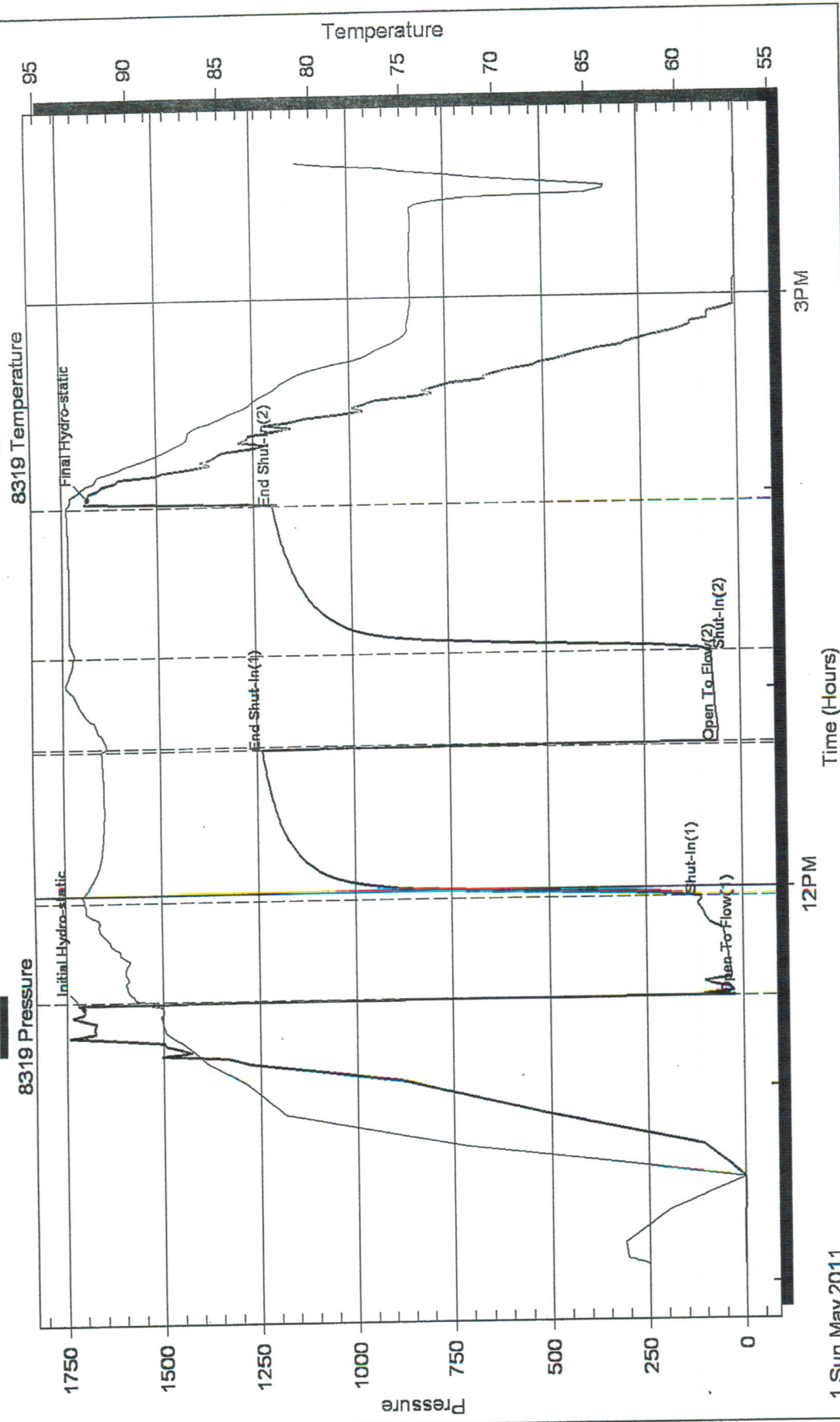
Serial #:

Laboratory Name:

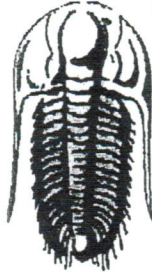
Laboratory Location:

Recovery Comments:

Pressure vs. Time



1 Sun May 2011



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company**

PO Box 428
Logan, KS 67646

ATTN: Richard Bell

3-4s-21w Norton, KS

Anna 1-3

Start Date: 2011.05.01 @ 21:15:52

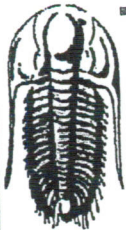
End Date: 2011.05.02 @ 03:31:22

Job Ticket #: 42726 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Baird Oil Company
PO Box 428
Logan, KS 67646
ATTN: Richard Bell

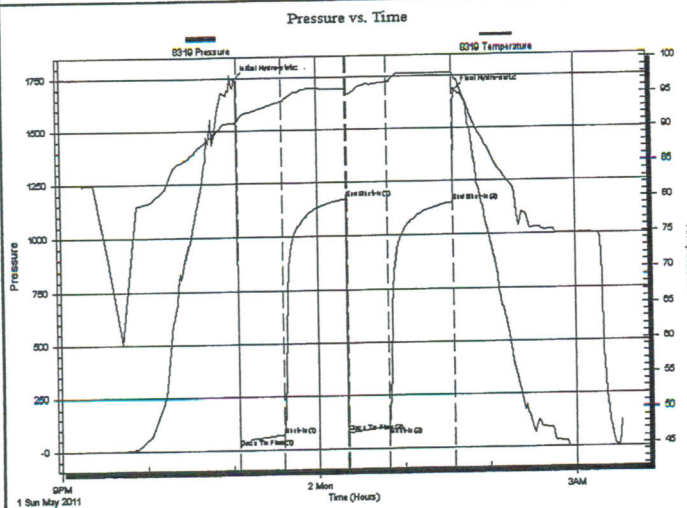
Anna 1-3
3-4s-21w Norton, KS
Job Ticket: 42726 DST#: 3
Test Start: 2011.05.01 @ 21:15:52

GENERAL INFORMATION:

Formation: **KC "D"**
Deviated: **No Whipstock** ft (KB)
Time Tool Opened: 23:03:52
Time Test Ended: 03:31:22
Interval: **3489.00 ft (KB) To 3509.00 ft (KB) (TVD)**
Total Depth: **3509.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
Test Type: **Conventional Bottom Hole**
Tester: **Brett Dickinson**
Unit No: **47**
Reference Elevations: **2217.00 ft (KB)**
2212.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 8319 **Inside**
Press@RunDepth: **103.02 psig @ 3492.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2011.05.01** End Date: **2011.05.02** Last Calib.: **2011.05.02**
Start Time: **21:15:57** End Time: **03:31:21** Time On Btmr: **2011.05.01 @ 23:02:22**
Time Off Btmr: **2011.05.02 @ 01:36:22**

TEST COMMENT: IF-BOB in 16min
FSI-1in blow
FF-BOB in 17min
FSI-1.5in blow



PRESSURE SUMMARY

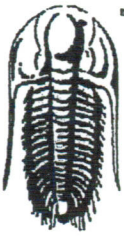
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1745.48	91.00	Initial Hydro-static
2	17.38	91.26	Open To Flow (1)
33	71.01	94.12	Shut-In(1)
78	1171.82	95.85	End Shut-In(1)
79	80.05	95.37	Open To Flow (2)
107	103.02	96.78	Shut-In(2)
152	1149.50	97.92	End Shut-In(2)
154	1683.08	97.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	MCO 10%G 40%M 50%O	0.30
180.00	SGO 10%G 90%O	1.94
0.00	300ft GIP	0.00

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company

Anna 1-3

PO Box 428
Logan, KS 67646

3-4s-21w Norton, KS

Job Ticket: 42726

DST#: 3

ATTN: Richard Bell

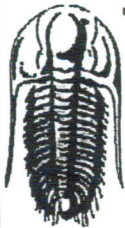
Test Start: 2011.05.01 @ 21:15:52

Tool Information

Drill Pipe:	Length: 3354.00 ft	Diameter: 3.80 inches	Volume: 47.05 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 47.66 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3489.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	40.00 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			3470.00	
Shut In Tool	5.00			3475.00	
Hydraulic tool	5.00			3480.00	
Packer	4.00			3484.00	20.00 Bottom Of Top Packer
Packer	5.00			3489.00	
Stubb	1.00			3490.00	
Perforations	2.00			3492.00	
Recorder	0.00	8319	Inside	3492.00	
Recorder	0.00	6753	Outside	3492.00	
Perforations	14.00			3506.00	
Bullnose	3.00			3509.00	20.00 Bottom Packers & Anchor

Total Tool Length: 40.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company

Anna 1-3

PO Box 428
Logan, KS 67646

3-4s-21w Norton, KS

Job Ticket: 42726

DST#: 3

ATTN: Richard Bell

Test Start: 2011.05.01 @ 21:15:52

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

29 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.37 in³

Gas Cushion Type:

Gas Cushion Pressure:

psig

Resistivity: ohm.m

Salinity: 700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	MCO 10%G 40%M 50%O	0.295
180.00	SGO 10%G 90%O	1.942
0.00	300ft GIP	0.000

Total Length: 240.00 ft

Total Volume: 2.237 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

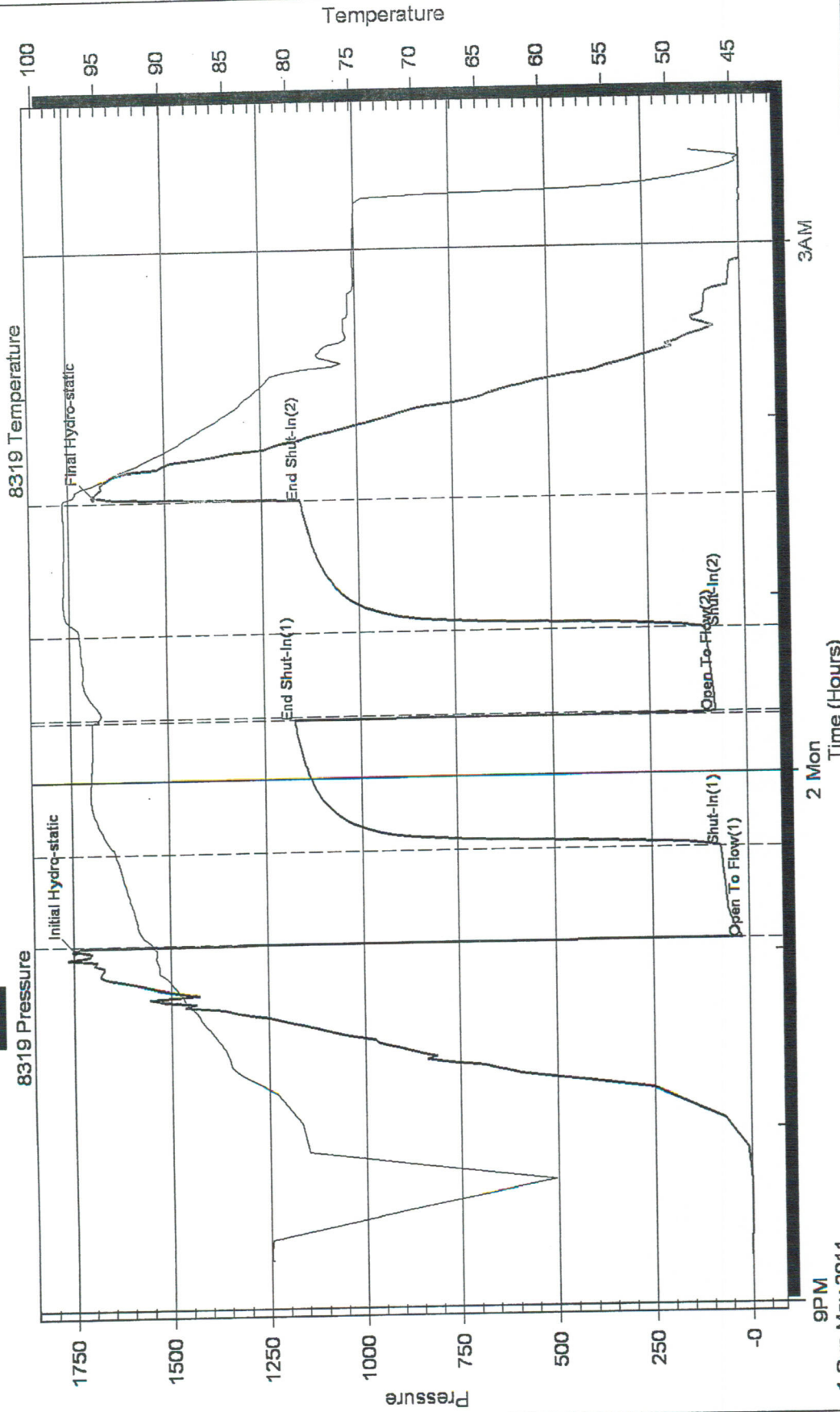
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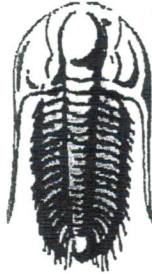
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company**

PO Box 428
Logan, KS 67646

ATTN: Richard Bell

3-4s-21w Norton, KS

Anna 1-3

Start Date: 2011.05.02 @ 09:40:44

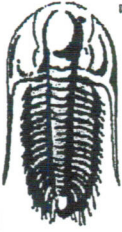
End Date: 2011.05.02 @ 15:01:44

Job Ticket #: 42727 DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Baird Oil Company

Anna 1-3

PO Box 428
Logan, KS 67646

3-4s-21w Norton, KS

Job Ticket: 42727

DST#: 4

ATTN: Richard Bell

Test Start: 2011.05.02 @ 09:40:44

GENERAL INFORMATION:

Formation: **KC "E,F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:50:44

Time Test Ended: 15:01:44

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 47

Interval: 3506.00 ft (KB) To 3533.00 ft (KB) (TVD)

Total Depth: 3533.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2217.00 ft (KB)

2212.00 ft (CF)

KB to GRVCF: 5.00 ft

Serial #: 8319 Inside

Press@RunDepth: 39.16 psig @ 3516.00 ft (KB)

Start Date: 2011.05.02

End Date:

2011.05.02

Start Time: 09:40:49

End Time:

15:01:43

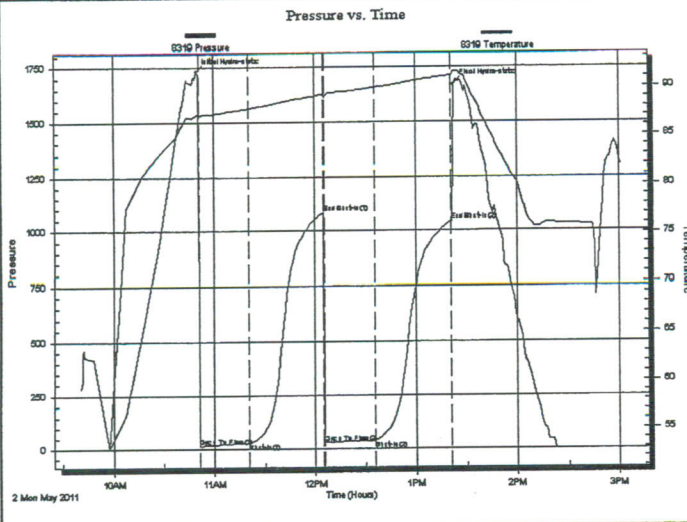
Capacity: 8000.00 psig

Last Calib.: 2011.05.02

Time On Btm: 2011.05.02 @ 10:49:14

Time Off Btm: 2011.05.02 @ 13:22:14

TEST COMMENT: IF-2in blow
IS-No blow
FF-2.25in blow
FSI-No blow



PRESSURE SUMMARY

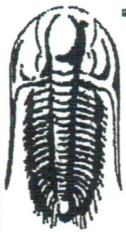
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1730.36	87.04	Initial Hydro-static
2	14.96	86.95	Open To Flow (1)
32	28.31	87.74	Shut-In(1)
76	1083.25	89.15	End Shut-In(1)
77	29.79	88.98	Open To Flow (2)
107	39.16	89.87	Shut-In(2)
152	1043.76	91.05	End Shut-In(2)
153	1670.41	91.45	Final Hydro-static

Recovery

Length (ft)	Description	Volum (bbl)
5.00	Oil	0.02
60.00	MCO 40%M60%O	0.30

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company

Anna 1-3

PO Box 428
Logan, KS 67646

3-4s-21w Norton, KS

Job Ticket: 42727

DST#: 4

ATTN: Richard Bell

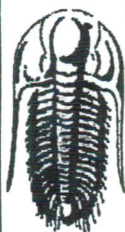
Test Start: 2011.05.02 @ 09:40:44

Tool Information

Drill Pipe:	Length: 3384.00 ft	Diameter: 3.80 inches	Volume: 47.47 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 48.08 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3506.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	47.00 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			3487.00	
Shut In Tool	5.00			3492.00	
Hydraulic tool	5.00			3497.00	
Packer	4.00			3501.00	20.00 Bottom Of Top Packer
Packer	5.00			3506.00	
Stubb	1.00			3507.00	
Perforations	9.00			3516.00	
Recorder	0.00	8319	Inside	3516.00	
Recorder	0.00	6753	Outside	3516.00	
Perforations	14.00			3530.00	
Bullnose	3.00			3533.00	27.00 Bottom Packers & Anchor

Total Tool Length: 47.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company

Anna 1-3

PO Box 428
Logan, KS 67646

3-4s-21w Norton, KS

Job Ticket: 42727

DST#: 4

ATTN: Richard Bell

Test Start: 2011.05.02 @ 09:40:44

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 52.00 sec/qt
Water Loss: 6.38 in³
Resistivity: ohm.m
Salinity: 1100.00 ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 30 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Oil	0.025
60.00	MCO 40%M60%O	0.295

Total Length: 65.00 ft Total Volume: 0.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

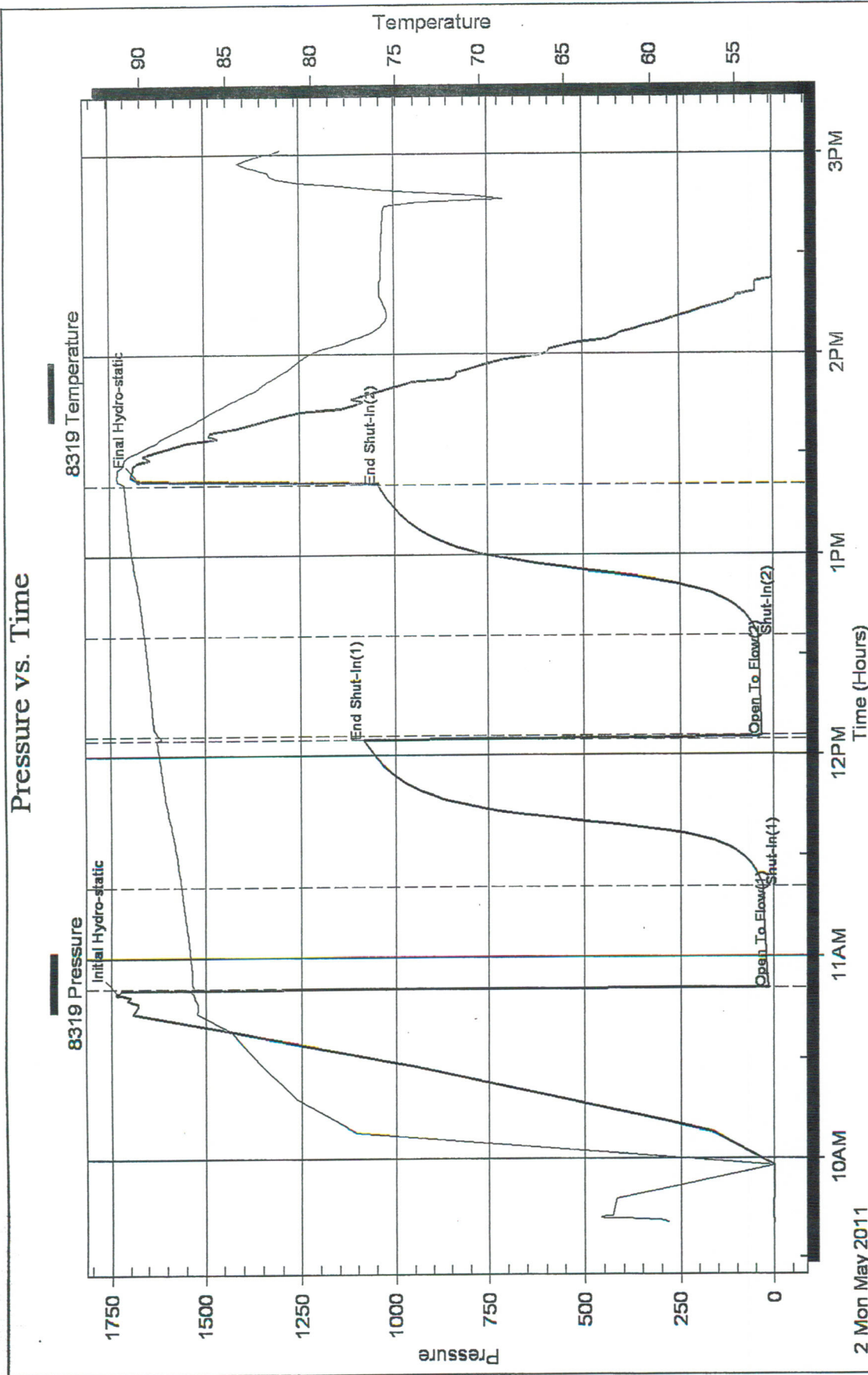
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company**

PO Box 428
Logan, KS 67646

ATTN: Richard Bell

3-4s-21w Norton, KS

Anna 1-3

Start Date: 2011.05.03 @ 01:55:15

End Date: 2011.05.03 @ 08:37:15

Job Ticket #: 42728 DST #: 5

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Baird Oil Company

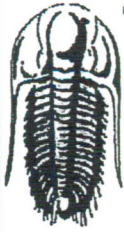
Anna 1-3

3-4s-21w Norton, KS

DST # 5

KC "J"

2011.05.03



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Baird Oil Company

Anna 1-3

PO Box 428
Logan, KS 67646

3-4s-21w Norton, KS

Job Ticket: 42728

DST#: 5

ATTN: Richard Bell

Test Start: 2011.05.03 @ 01:55:15

GENERAL INFORMATION:

Formation: KC "J"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:04:45

Time Test Ended: 08:37:15

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 47

Interval: 3580.00 ft (KB) To 3612.00 ft (KB) (TVD)

Total Depth: 3612.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2217.00 ft (KB)

2212.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8319

Inside

Press@RunDepth: 89.13 psig @ 3595.00 ft (KB)

Start Date: 2011.05.03

End Date:

2011.05.03

Start Time: 01:55:20

End Time:

08:37:14

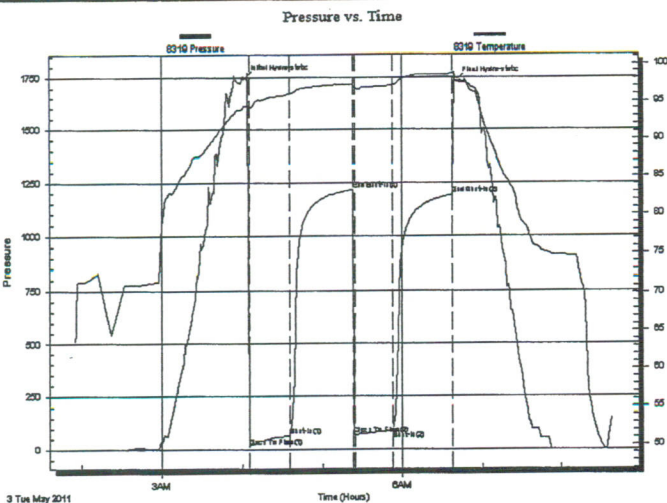
Capacity: 8000.00 psig

Last Calib.: 2011.05.03

Time On Btm: 2011.05.03 @ 04:01:15

Time Off Btm: 2011.05.03 @ 06:40:15

TEST COMMENT: IF-4in blow
IS-No blow
FF-9in blow
FSI-weak surface blow



PRESSURE SUMMARY

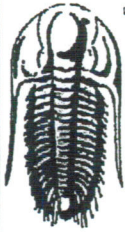
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1744.41	94.28	Initial Hydro-static
4	15.83	93.70	Open To Flow (1)
34	65.62	96.01	Shut-In(1)
82	1216.59	97.20	End Shut-In(1)
83	71.90	96.78	Open To Flow (2)
112	89.13	97.17	Shut-In(2)
157	1191.43	98.61	End Shut-In(2)
159	1731.61	98.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	MCO 40%M 60%O	0.15
90.00	MCO 25%M 75%O	0.44
30.00	GO 20%G 80%O	0.38

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company

Anna 1-3

PO Box 428
Logan, KS 67646

3-4s-21w Norton, KS

Job Ticket: 42728

DST#: 5

ATTN: Richard Bell

Test Start: 2011.05.03 @ 01:55:15

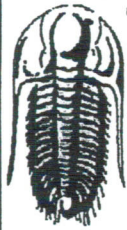
Tool Information

Drill Pipe:	Length: 3446.00 ft	Diameter: 3.80 inches	Volume: 48.34 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 48.95 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3580.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	52.00 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			3561.00	
Shut In Tool	5.00			3566.00	
Hydraulic tool	5.00			3571.00	
Packer	4.00			3575.00	20.00 Bottom Of Top Packer
Packer	5.00			3580.00	
Stubb	1.00			3581.00	
Perforations	14.00			3595.00	
Recorder	0.00	8319	Inside	3595.00	
Recorder	0.00	6753	Outside	3595.00	
Perforations	14.00			3609.00	
Bullnose	3.00			3612.00	32.00 Bottom Packers & Anchor

Total Tool Length: 52.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company

Anna 1-3

PO Box 428
Logan, KS 67646

3-4s-21w Norton, KS

Job Ticket: 42728

DST#: 5

ATTN: Richard Bell

Test Start: 2011.05.03 @ 01:55:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

21 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	MCO 40%M 60%O	0.148
90.00	MCO 25%M 75%O	0.443
30.00	GO 20%G 80%O	0.384

Total Length: 150.00 ft

Total Volume: 0.975 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

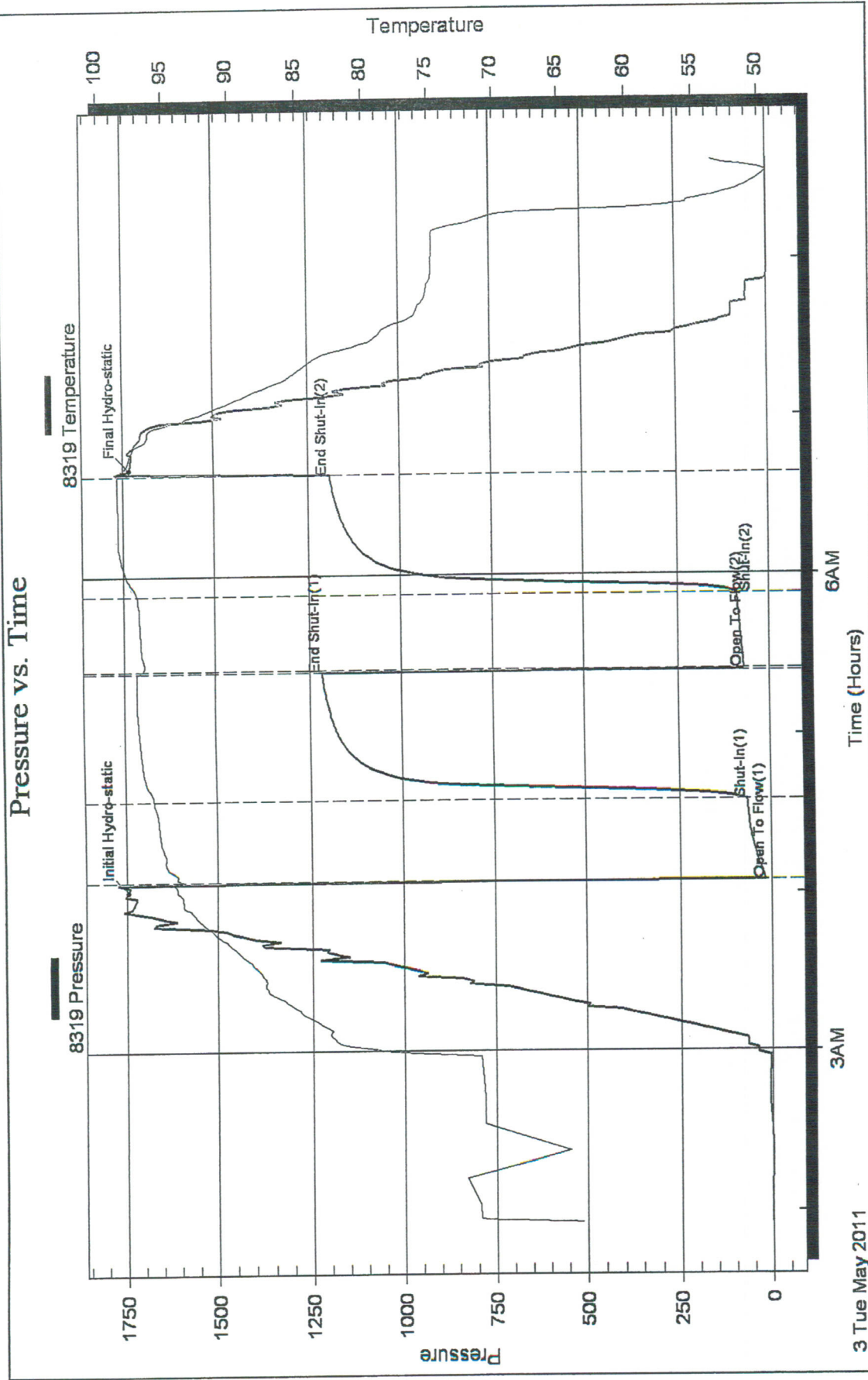
Serial #:

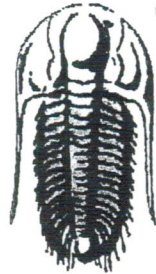
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company**

PO Box 428
Logan, KS 67646

ATTN: Richard Bell

3-4s-21w Norton, KS

Anna 1-3

Start Date: 2011.05.03 @ 14:00:06

End Date: 2011.05.03 @ 17:53:36

Job Ticket #: 42730 DST #: 6

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Baird Oil Company

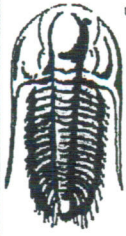
Anna 1-3

3-4s-21w Norton, KS

DST # 6

KC"K"

2011.05.03



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Baird Oil Company

Anna 1-3

PO Box 428
Logan, KS 67646

3-4s-21w Norton, KS

Job Ticket: 42730

DST#: 6

ATTN: Richard Bell

Test Start: 2011.05.03 @ 14:00:06

GENERAL INFORMATION:

Formation: **KC"K"**

Deviated: No Whipstock ft (KB)

Time Tool Opened: 15:29:36

Time Test Ended: 17:53:36

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 47

Interval: 3610.00 ft (KB) To 3630.00 ft (KB) (TVD)

Total Depth: 3630.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2217.00 ft (KB)

2212.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8319

Inside

Press@RunDepth: 24.61 psig @ 3613.00 ft (KB)

Start Date: 2011.05.03

End Date:

2011.05.03

Start Time: 14:00:11

End Time:

17:53:36

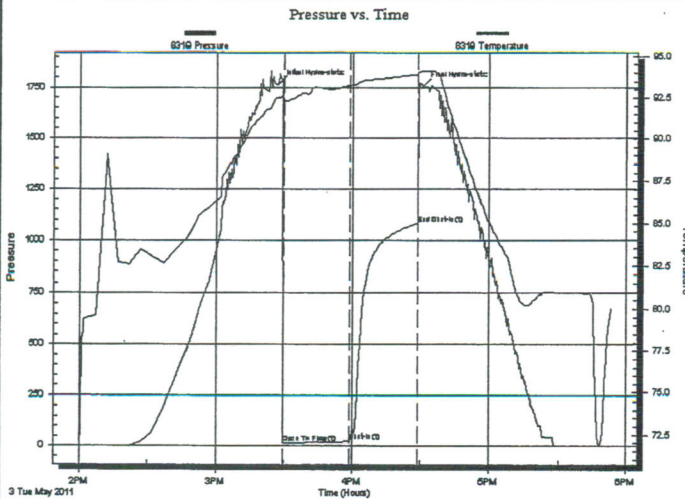
Capacity: 8000.00 psig

Last Calib.: 2011.05.03

Time On Btm: 2011.05.03 @ 15:27:36

Time Off Btm: 2011.05.03 @ 16:31:06

TEST COMMENT: IF-weak surface blow
ISI-No blow



PRESSURE SUMMARY

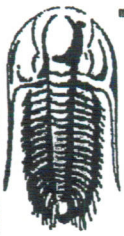
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1770.56	92.53	Initial Hydro-static
2	14.80	92.31	Open To Flow (1)
31	24.61	93.26	Shut-In (1)
61	1079.02	93.92	End Shut-In (1)
64	1758.58	94.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	SOCM 10%O 90%M	0.05

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company

Anna 1-3

PO Box 428
Logan, KS 67646

3-4s-21w Norton, KS

Job Ticket: 42730

DST#: 6

ATTN: Richard Bell

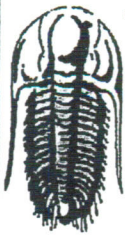
Test Start: 2011.05.03 @ 14:00:06

Tool Information

Drill Pipe:	Length: 3473.00 ft	Diameter: 3.80 inches	Volume: 48.72 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 50000.00 lb
		Total Volume: 49.33 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3610.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	40.00 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			3591.00	
Shut In Tool	5.00			3596.00	
Hydraulic tool	5.00			3601.00	
Packer	4.00			3605.00	20.00 Bottom Of Top Packer
Packer	5.00			3610.00	
Stubb	1.00			3611.00	
Perforations	2.00			3613.00	
Recorder	0.00	8319	Inside	3613.00	
Recorder	0.00	6753	Outside	3613.00	
Perforations	14.00			3627.00	
Bullnose	3.00			3630.00	20.00 Bottom Packers & Anchor

Total Tool Length: 40.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company

Anna 1-3

PO Box 428
Logan, KS 67646

3-4s-21w Norton, KS

ATTN: Richard Bell

Job Ticket: 42730

DST#: 6

Test Start: 2011.05.03 @ 14:00:06

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: bbl		
Water Loss: 5.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1100.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	SOCM 10%O 90%M	0.049

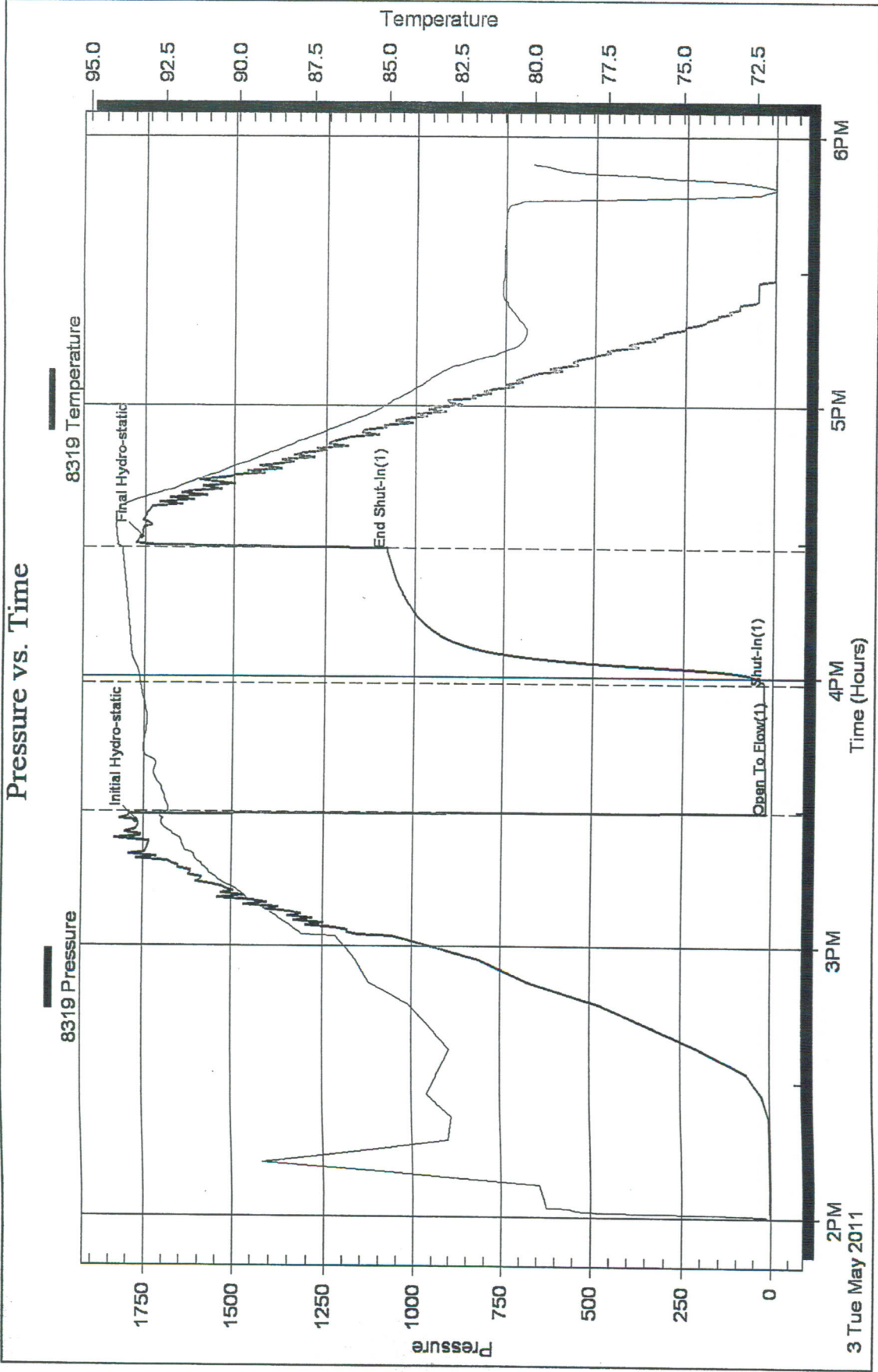
Total Length: 10.00ft Total Volume: 0.049 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time



API# 15-137-20557-00-00

GEOLOGICAL REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY <u>Baird Oil Company, LLC.</u>	ELEVATION
LEASE <u>Anna # 1-3</u>	KB <u>2217'</u>
FIELD <u>Wildcat</u>	DF <u>2215'</u>
LOCATION <u>1655' FSL + 740' FEL</u>	GL <u>2212'</u>
SEC <u>3</u> TWSP <u>4s</u> RGE <u>21W</u>	Depths Measured From
COUNTY <u>Norton</u> STATE <u>Kansas</u>	Log <u>KB</u> Drilling <u>KB</u>
CONTRACTOR <u>WWD Drilling Rig # 8</u>	CASING
SPUD <u>4-27-11</u> COMP <u>5-4-11</u>	Surface <u>8 7/8" @ 220'</u>
SAMPLES SAVED FROM <u>3150'</u> TO <u>R.T.D.</u>	Production <u>5 1/2" @ 3748'</u>
	ELECTRIC LOGS
	<u>Superior Well Services</u>

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE	E. LOG	DATUM	A	B	C	D
				●			
Anhydrite	1854	1854	+ 363	+ 349			
Base Anhydrite	1881	1881	+ 336	+ 322			
Tapoka	3210	3210	- 993	- 992			
Heebner	3413	3413	- 1196	- 1193			
Toronto	3438	3438	- 1221	- 1218			
Lansing	3456	3456	- 1239	- 1233			
Base Kansas City	3642	3642	- 1425	- 1422			
Marmaton	3679	3679	- 1462	- 1458			
Precambrian	3729	3729	- 1512	- 1493			
Total Depth	3750	3751	- 1534	- 1506			

REFERENCE WELLS

A	<u>Baird Oil Co. LLC. Sides/Anna Unit # 1-3, 2585' FNL + 1450' FEL</u>
B	<u>Sec 3 - 4s - 21W</u>
C	
D	<u>Port Collar @ 1867'</u>

REMARKS

This well can structurally favorable on the Lansing top with the reference well. Positive D.S.T. results warranted the cementing of production casing to further test the well. The following zones should be tested: 3626'-3627', 3606'-3608', 3525'-3527', 3504'-3506', 3486'-3490' and 3457'-3458'.

Richard B. Bell
5-5-11

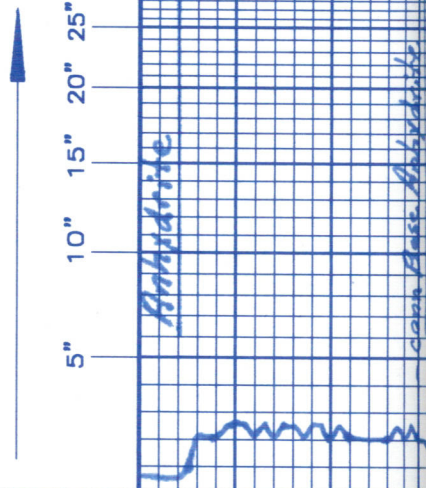
7502

LEGEND

- Anhydrite
- Salt
- Sandstone
- Shale
- Carb sh
- Limestone
- Ool. Lime
- Chert
- Dolomite

DRILLING TIME IN MINUTES
PER FOOT

Rate of Penetration Decreases



1850

LITHOLOGY

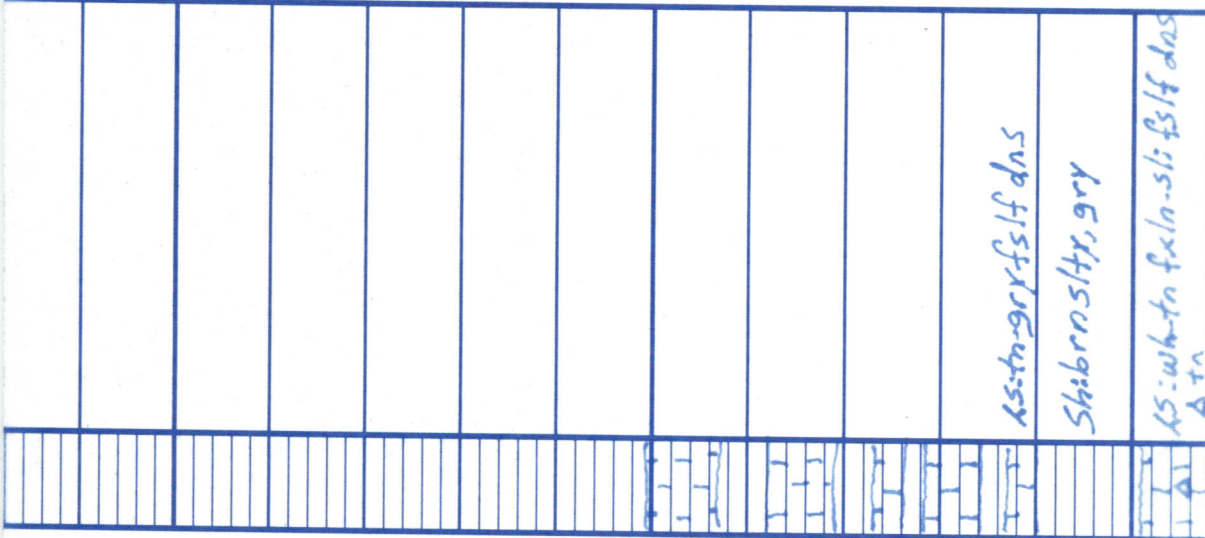
SAMPLE DESCRIPTIONS

OIL SHOWS

REMARKS

LOG 7710

Samples are lagged
good samples



Ks:tn-grxfslf dns

Shibrn5/ty, gry

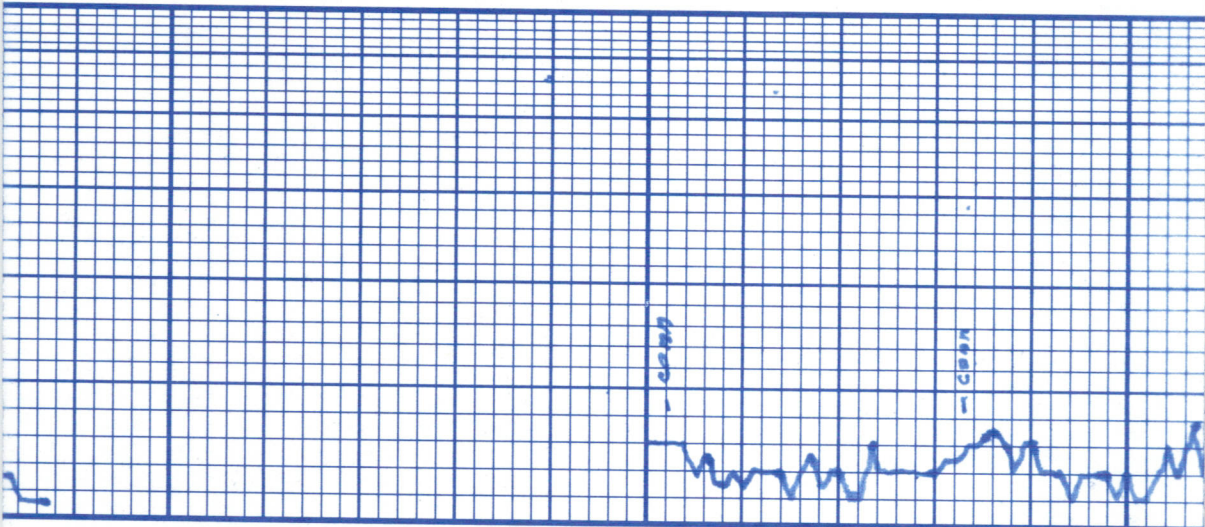
Ks:wh-tn fx/n-sli fs/lf dns
A TN

1900

3100

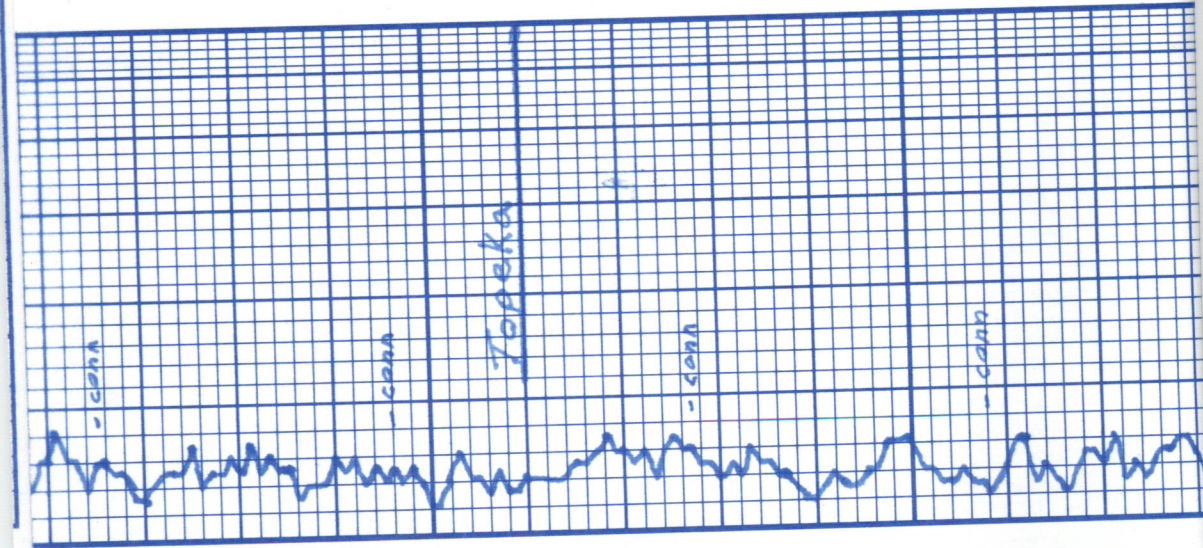
20

40



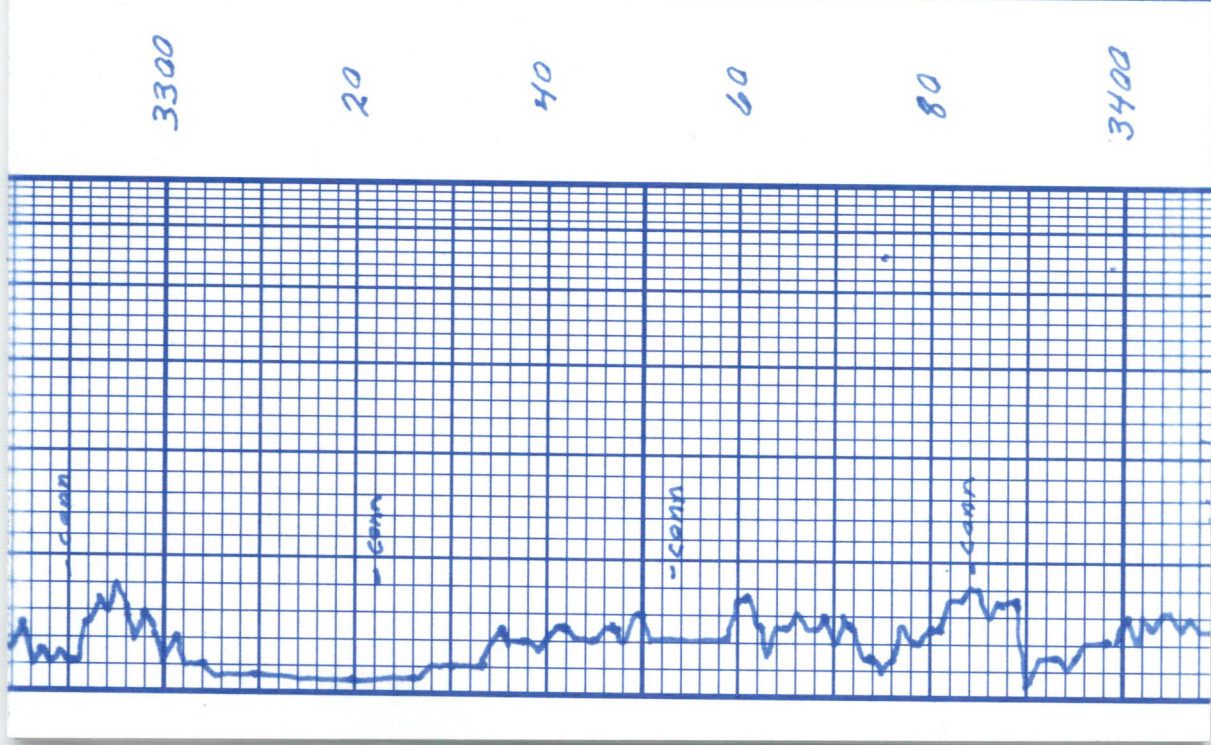
COPPER

COPPER

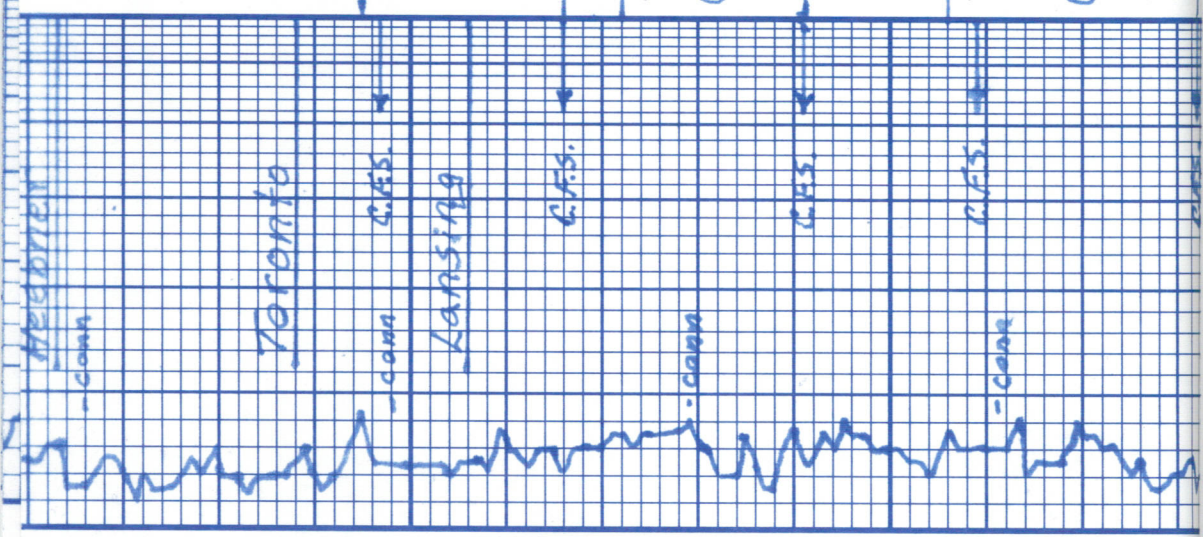


60		sh:brn, gry
80		LS:tn-gry fs lf dns
3200		LS:tn-gry fs ln dns sl:stone: gry, brn
20		LS:tn-gry fs ln sl: fs lf dns
40		LS:wh-tn sl:cky-fxn pyritic dns
60		LS:wh-tn sl:cky-fxn sh: brn sh
80		LS:wh-tn sl:cky-fxn Tr. pp N.S.O.
60		LS:wh-tn gry-fxn pr. pp N.S.O.
80		LS:wh-tn ch: f: ln pp N.S.O. Δ tr
60		LS:wh-tn im:cky-fxn sl:ool gd pp N.S.O
80		LS:wh-tn ch: f: ln dns

NSO-ΔT 7A-01 LS: wh-tn slicky-fxln Tr. ΔT PP & NSO.	3300	Sh: brn, gry
LS: wh-tn 5H: stn: brn	20	Sh: brnshty 5H: stn: brn
q.a.	40	LS: wh-tn fxln ool Pr. PP & N.S.O.
LS: wh-tn Tr. ΔT	60	Sh: brn, gry LS: tn-gry fxln Tr. ool, pp NSO. mostly dns Tr. blk Carb Sh. LS: tn-gry fxln dns
LS: wh-tn cky-fxln dns Tr. ΔT	80	LS: wh-tn cky-fxln dns Tr. ΔT
LS: wh-tn PP & NSO Tr. ΔT	3400	LS: wh-tn cky-fxln ool PP & NSO Tr. ΔT
LS: wh-tn PP & NSO		LS: wh-tn-kt. gry cky-fxln



Trilobite Testing
 DST# 3445-3466
 45-45-30-45
 IF: 1' blow decr to 3/4"



Sh: Blk. Carb. Ls: tn. fcl. sli. fcl. ds	20	1
Sh: brn. gry Slt. stone. brn	40	2
Ls: wh. tn. fcl. sli. oil pp. drk. sp. drk A+Y tn. lt. gry	60	3
Sh: brn. sly	80	4
Ls: wh. tn. fcl. sli. oil / sli. fass incls. pp. drk. sp. drk A+Y tn. lt. gry	3500	5
Sh: brn. gry	20	6
Ls: wh. tn. fcl. sli. oil pp. drk. sp. drk A+Y tn. lt. gry		

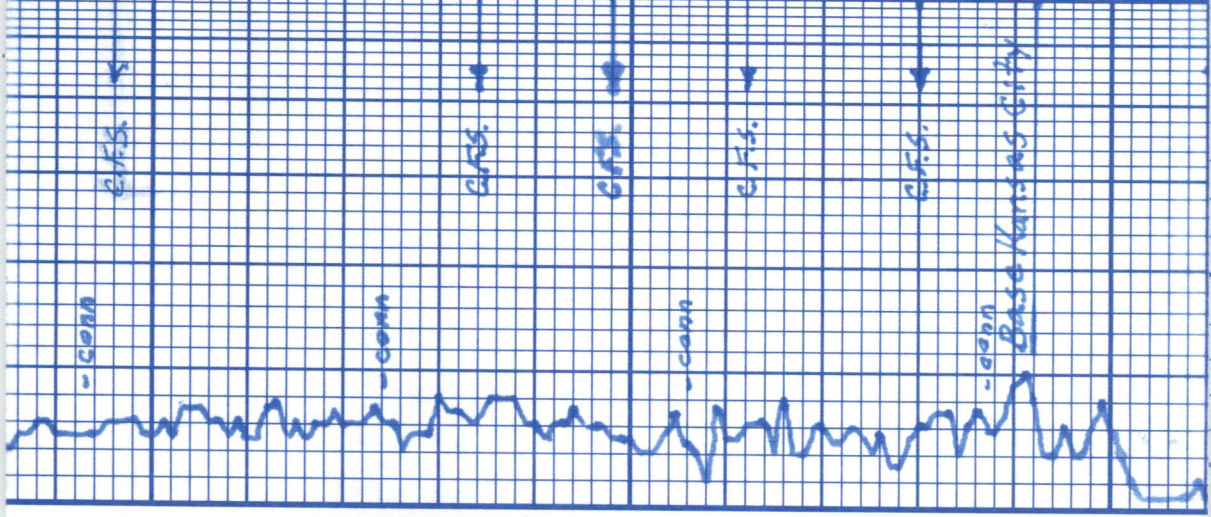
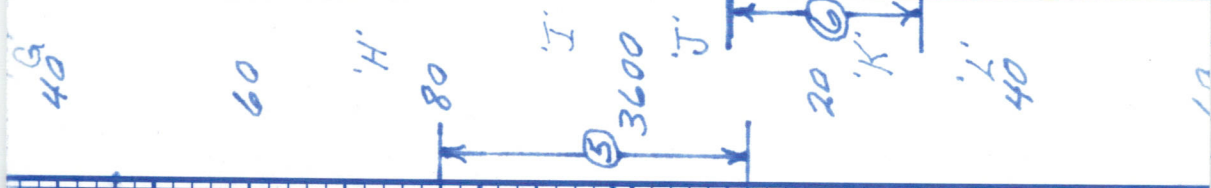
FSI: No blow
 FF: No blow
 FSI: No blow
 Recovery: 65
 1' oil
 64' MCW 70% W, 30% M
 HYD: 1696-1610#
 FP: 16-41/38-147#
 BHP: 1208-1195#
 BH Temp: 96°F

 DST # 2 3472-3494
 30-45-30-45
 IR: B.O.B. in 19 min
 FSI: wk surface blow
 FF: 9" blow
 FSI: 1/2" blow
 Recovery: 185' Total
 180' G.I.P.
 155' G.O. 10% G, 90% O
 30' G.O.C.M. 57.6, 35.7
 60% M
 HYD: 1705-1682#
 FP: 22-11/62-73#
 BHP: 1235-1201#
 BH Temp: 93°F
 Gravity: 36° A.P.I.

 DST # 3 3489-3509
 30-45-30-45
 IF: B.O.B. in 16 min
 FSI: 1" blow
 FF: B.O.B. in 17 min.
 FSI: 1 1/2" blow
 Recovery: 300' G.I.P.
 240' Total
 180' G.O. 10% G, 90% O
 60' M.E.O. 107.6, 50.7 G

NYd: 1745-1693 #
 FP: 17-71/80-103 #
 BHP: 1171-1149 #
 BHTemp: 97°F
 Gravity: 29° A.P.I.
 DST #4 3506-3533'
 30-45-30-45
 IF: 2" blow
 ISI: Noblow
 FF: 2 1/4" blow
 FSI: Noblow
 Recovery: 65% Total
 5% C.O.
 60' MCO 60% O, 40% M
 NYd: 1730-1670 #
 FP: 14-28/29-39 #
 BHP: 1083-1043 #
 BHTemp: 91°F
 Gravity: 30° A.P.I.
 DST #5 3580-3612'
 30-45-30-45
 IF: 4" blow
 ISI: Noblow
 FF: 9" blow
 FSI: Surface blow
 Recovery: 150% Total
 30% C.O. 20% G, 80% O
 90' MCO 75% O, 25% M
 30' MCO 60% O, 40% M
 NYd: 1744-1731 #
 FP: 15-65/71-89 #
 BHP: 1216-1191 #
 BHTemp: 98°F
 Gravity: 21° A.P.I.

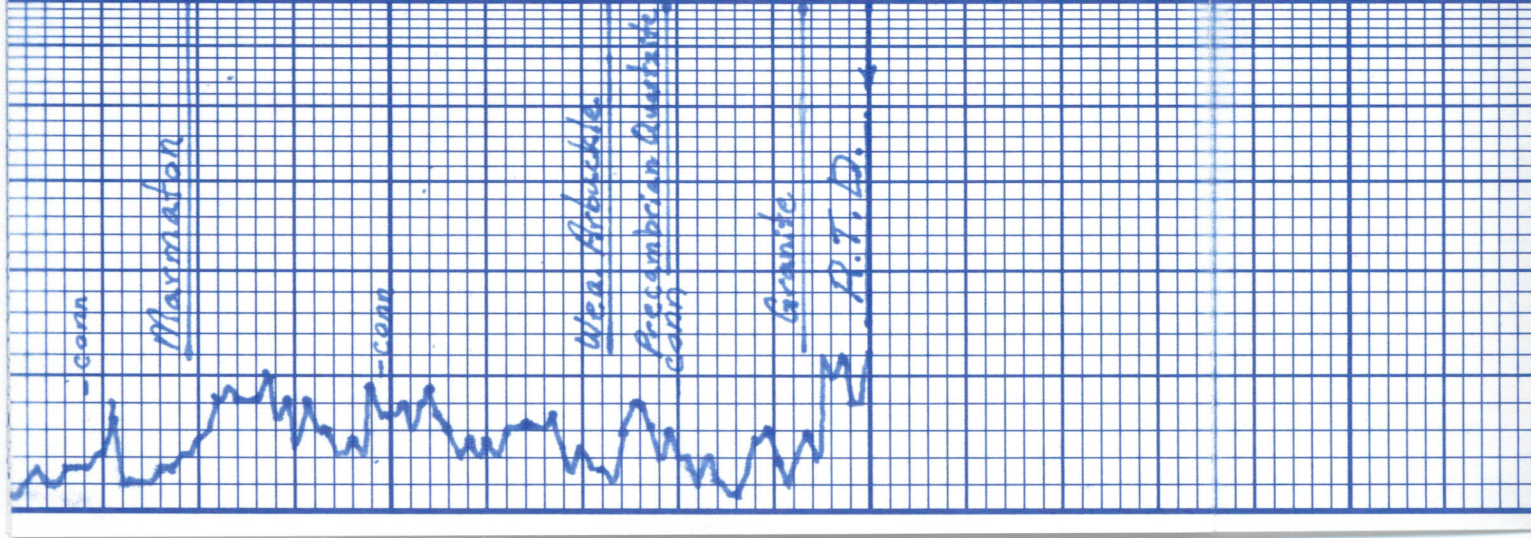
15: wh. sl. cky. fxl. ool.
 1/2" sp. d. 5th pp. f.o.
 15: wh. cky. fxl. dns
 N.S.O. Δ wk
 1/2" blk carb 5h
 15: gry. silt dns
 sh: gry shty
 siltstone: brn
 15: wh. cky. fxl.
 No vis. 2 pcs. V. pr. h. o.
 5th N.F.O.
 Δ wk. h.
 siltstone: brn
 15: tn fxl. microxh v. dns
 N.S.O.
 sh: brn
 15: wh. tn fxl. ool. pp. φ
 drk brn o. str. pp. f.o.
 froder
 sh: brn, mar, gry
 15: wh. tn fxl. ool. pp. φ
 drk sp. d. 5th thick pp. f.o.
 No ool.
 sh: brn, gry
 15: wh. tn v. cky. fxl.
 dns N.S.O.
 sh: brn shty
 siltstone: gry, brn
 sh: brn shty siltstone: brn



LSI # 0 3610 3630
 30-30-0-0
 IF: surface blow
 ISI: No blow
 Pulled Tool
 Recovery:
 10' C.M. 10%, 90% M
 Hyd: 1770-1758 #
 FP: 14-24 #
 BHP: 1079 #

shly: brn sily	
a.a.	
ls: wh-th frxhdns N.S.O	
sh: brn sily s: stone: brn	
ls: wh-th-silyel frxhdns	
sh: brn sily s: stone: brn	
ls: wh-th frxhdns frxhdns	
Dol: th mxln vgy φ N.S.O.	
Qtz, biotite ang, clr.	
Quartz + biotite aa	
Quartz, biotite, feldspar	

80	
3700	
20	
40	



SWIFT



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



Invoice

DATE	INVOICE #
4/27/2011	19484

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	#1-3	Anna	Norton	WW Drilling #8	Oil	Development	Cement Surface	Don

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	80	Miles	5.00	400.00
576D-S	Pump Charge - Shallow Surface (< 500 Ft.) - 200 Feet	1	Job	750.00	750.00
290	D-Air	2	Gallon(s)	35.00	70.00T
325	Standard Cement	150	Sacks	12.00	1,800.00T
279	Bentonite Gel	3	Sack(s)	25.00	75.00T
278	Calcium Chloride	5	Sack(s)	35.00	175.00T
581D	Service Charge Cement	150	Sacks	1.50	225.00
583D	Drayage	589.6	Ton Miles	1.00	589.60
	Subtotal				4,084.60
	Sales Tax Norton County			7.05%	149.46

25/1/2011
 P5/4/2011
 Vanloere 190402 4234.06
 Anna 1-3 - Pump Charge, Cement
 & other misc. used to cement
 surface casing

We Appreciate Your Business!

Total

\$4,234.06



CHARGE TO: Boiled Oil Co.
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET
 19484

PAGE 1 OF 1

SERVICE LOCATIONS
 1. Hays, KS
 2. Ness, KS
 3.
 4.

WELL/PROJECT NO. 1-3 LEASE Anna COUNTY/PARISH Norfolk STATE KS CITY
 TICKET TYPE SERVICE SALES CONTRACTOR Wes Digs RIG NAME/NO. #8 SHIPPED VIA CT DELIVERED TO Wes Logan, KS ORDER NO. 7-27-11 OWNER
 WELL TYPE D-1 WELL CATEGORY W/steal JOB PURPOSE Cement Surface WELL PERMIT NO. WELL LOCATION

REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
575					MILEAGE # 109							
576 S					Pump Charge - Stealer Surface							
291					D-Air							
325					Standard Cement							
279					Bestonite Gel							
278					Calcium Ch. Scribe							
581					Service Charge - Cement							
583					Drayage							

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
 DATE SIGNED 7-27-11 TIME SIGNED 8:00 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	4234
TOTAL	4234

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

SWIFT OPERATOR Van Semmer APPROVAL

Thank You.

JOB LOG

SWIFT Services, Inc.

DATE 7-27-11 PAGE NO. 1

CUSTOMER *Prud Oil Co.* WELL NO. *1-3* LEASE *Anna* JOB TYPE *Cement Surface* TICKET NO. *19484*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1845							On location Rig running casing to 290' Setup tubs Fin Run 8 5/8" casing Rig cir casing Chain Down - Fin cir Start 150 SKS Standard 2% sol, 3% cc Fin cent - cut cir to pit 220 Displ 13881 - Close in Fin Displ
	2000		36 13					Job complete Washup & Lock up.
								<i>Thanks</i> <i>Don, Doug & John U.</i> 50 SKS cir



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



Invoice

DATE	INVOICE #
5/4/2011	19421

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	#1-3	Anna	Norton	WW Drilling	Oil	Development	Cement 5-1/2" Pr...	Roger

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	80	Miles	5.00	400.00
578D-L	Pump Charge - Long String	1	Job	1,400.00	1,400.00
407-5	5 1/2" Insert Float Shoe With Auto Fill	1	Each	300.00	300.00T
406-5	5 1/2" Latch Down Plug & Baffle	1	Each	225.00	225.00T
404-5	5 1/2" Port Collar	1	Each	2,100.00	2,100.00T
402-5	5 1/2" Centralizer	12	Each	65.00	780.00T
403-5	5 1/2" Cement Basket	1	Each	230.00	230.00T
411-5	5 1/2" Recipo Scratcher	30	Each	45.00	1,350.00T
280	Flocheck 21	500	Gallon(s)	2.50	1,250.00T
221	Liquid KCL (Clayfix)	2	Gallon(s)	25.00	50.00T
325	Standard Cement	200	Sacks	12.00	2,400.00T
326	60/40 Pozmix (2% Gel)	40	Sacks	9.50	380.00T
283	Salt	1,800	Lb(s)	0.15	270.00T
285	CFR-1	94	Lb(s)	4.00	376.00T
276	Flocele	50	Lb(s)	1.50	75.00T
277	Gilsonite (Coal Seal)	400	Lb(s)	0.60	240.00T
581D	Service Charge Cement	240	Sacks	1.50	360.00
583D	Drayage	978.88	Ton Miles	1.00	978.88
	Subtotal				13,164.88
	Sales Tax Norton County			7.05%	706.83
	<i>Anna 3 190402 13871.71</i>				
	<i>Anna 1-3 - Pump Charges, Cement</i>				
	<i>+ other misc expenses used to</i>				
	<i>Cement production casing</i>				

We Appreciate Your Business!	Total	\$13,871.71
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Services, Inc.

CHARGE TO: Beard Oil Co.
ADDRESS
CITY, STATE, ZIP CODE

TICKET
19421

PAGE 1 OF 2

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. <u>1749y KS.</u>	<u>1-23</u>	<u>Anna</u>	<u>Norton</u>	<u>Ks.</u>		<u>5-4-11</u>	<u>Sease</u>
2.	TICKET TYPE	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.	
3.	<input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	<u>Wuv</u>		<u>BIT</u>	<u>Loc.</u>		
4.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION		
	<u>Oil</u>	<u>Development</u>	<u>Cent. 5 1/2" Prod. Csg.</u>				
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<u>575</u>					MILEAGE #113	<u>80</u>	<u>mi</u>			<u>5.00</u>	<u>400.00</u>
<u>578</u>					<u>Pump Service</u>	<u>1</u>	<u>ea</u>			<u>1400.00</u>	<u>1400.00</u>
<u>407</u>					<u>Insert Flant Shoe</u>	<u>1</u>	<u>ea</u>			<u>300.00</u>	<u>300.00</u>
<u>406</u>					<u>Lath down Plug + Bar 1/2"</u>	<u>1</u>	<u>ea</u>			<u>225.00</u>	<u>225.00</u>
<u>404</u>					<u>Port Collar</u>	<u>1</u>	<u>ea</u>			<u>2100.00</u>	<u>2100.00</u>
<u>402</u>					<u>Centralizers</u>	<u>12</u>	<u>ea</u>			<u>65.00</u>	<u>780.00</u>
<u>403</u>					<u>Cent. Basket</u>	<u>1</u>	<u>ea</u>			<u>230.00</u>	<u>230.00</u>
<u>411</u>					<u>Regrino. Scratches</u>	<u>30</u>	<u>ea</u>			<u>45.00</u>	<u>1350.00</u>
<u>280</u>					<u>Flashed .21</u>	<u>800</u>	<u>gal</u>			<u>2.00</u>	<u>1600.00</u>
<u>221</u>					<u>RCL</u>	<u>2</u>	<u>gal</u>			<u>25.00</u>	<u>50.00</u>
					<u>See Continuation</u>						

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 Shirley Ball
DATE SIGNED _____ TIME SIGNED _____
 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	<u>515</u>		
TOTAL	<u>13,871.71</u>		

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
SWIFT OPERATOR W. B. Platt APPROVAL
Thank You!



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 19421

CUSTOMER *Baird Oil Co.* WELL *Anna* DATE *1-13* PAGE *2* OF *2*

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL		DATE		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY.	UM	QTY.	UM		
325						Standard Cement	200	SKS	12	02	2400	00
326						60/40 Bz	40	SKS	9	50	380	00
283						Sa 1+	1800	#	15	15	270	00
285						GFR-1	94	#	4	02	376	00
276						Flocele	50	#	1	50	75	00
277						Gilsonite	400	#	60	60	246	00
581												
583												
SERVICE CHARGE												
MILEAGE CHARGE												
TOTAL WEIGHT						240 SKS						
LOADED MILES						80						
CUBIC FEET												
TON MILES						778.88						
CONTINUATION TOTAL												5099.88

JOB LOG

SWIFT Services, Inc.

DATE 5-4-11 PAGE NO. 7

CUSTOMER Baird Oil WELL NO. 1-13 LEASE Anna JOB TYPE Long String TICKET NO. 19421

CHART NO.	TIME	RATE (BPM)	VOLUME (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1300							on Loc. Reciprocating Scrabblers on 1 st 10 Jts. Cent. on 1 st 10 Collars Cent on # 41 Basket # 42 Part Collar Top # 42 @ 1867'
	1400							Start in hole with 5 1/2" 14# csg. Tag Bottom Pick up 3'
	1545							Drop Ball
	16:00							Circulate + Reciprocate csg.
	17:15							Plug Rat hole
	17:30		10					Pump 10 ^{SS} H ₂ O spacer
			12					500 gal Fluocel
			10					10 ^{SS} H ₂ O spacer
		4.5						Mix 60/40 poz max 200 lbs Std. Cmt. 18% salt, 1/2% CIPM, 1/4% fluid
	1750		53					Finish mixing wash out pump + line
	1755	8				300		Displ. L. D. Plug
	1810		91			800/1500		Plug down 1500 psi holding Release press. Drilled up wash + Rack up + track
	1845							Job Complete.

Thank You

Rgn. Drg. Dan, Joe



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



Invoice

DATE	INVOICE #
5/6/2011	19668

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	#1-3	Anna	Norton	Alliance Well Ser...	Oil	Development	Cement Port Collar	Dave
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				80	Miles	5.00	400.00
576D-D	Pump Charge - Port Collar				1	Job	1,100.00	1,100.00
290	D-Air				1	Gallon(s)	35.00	35.00T
105	5 1/2" Port Collar Tool Rental With Man				1	Each	300.00	300.00T
330	Swift Multi-Density Standard (MIDCON II)				225	Sacks	15.00	3,375.00T
276	Flocele				50	Lb(s)	1.50	75.00T
581D	Service Charge Cement				225	Sacks	1.50	337.50
583D	Drayage				898.4	Ton Miles	1.00	898.40
	Subtotal							6,520.90
	Sales Tax Norton County						7.05%	266.84
	<p style="text-align: center;">RS/10/2011 PS/10/2011</p> <p>Anna 3 190402 6487.74</p> <p>Anna 1-3 - Pump charge, cement + other misc expenses used to cement port collar</p> <p>Anna 3 190402 300.00</p> <p>Anna 1-3 - Rental of port collar + man when cementing port collar</p>							
We Appreciate Your Business!							Total	\$6,787.74

5/10/2011
CX#10996



Services, Inc.

CHARGE TO: BANDON
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET
19668

PAGE 1 OF 1

SERVICE LOCATIONS
 1. HAYS WELL/PROJECT NO. 1-3 LEASE Amey COUNTY/PARISH ADPSON STATE KS CITY
 2. Ness TICKET TYPE SERVICE CONTRACTOR RIG NAME/NO. ALLIANCE SHIPPED VIA NE DESMOINES DELIVERED TO NE DESMOINES DATE 05-06-11 ORDER NO.
 3. WELL TYPE DIC WELL CATEGORY Develop JOB PURPOSE CMT: PORTCULCH WELL PERMIT NO. WELL LOCATION
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
575					MILEAGE #112	80	mi.				5.00	400.00
576-D					Pump Service	1	EA				100.00	100.00
290					DAM	1	EA				35.00	35.00
105					PER CULCH TAX	1	EA				300.00	300.00
330					SMD CMT	2	EA				15.00	33.75
276					FLOOSE	50	LB				1.50	75.00
581					SERVICE CMT CMT	2	EA				1.50	3.37
583					MARBLE	2	EA				1.00	85.8

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 David Glendon DATE SIGNED 05-06-11 TIME SIGNED 0900 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	6520	90
TOTAL	6787	74

Porton TAX 7.05%

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

SWIFT OPERATOR Dusty

APPROVAL

Thank You

JOB LOG

SWIFT Services, Inc.

DATE 05-06-11 PAGE NO. 1

CUSTOMER BAIRDILL WELL NO. 1-3 LEASE ANNA JOB TYPE CMT: PORT COLLAR TICKET NO. 19668

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0900							ON LOCATION CMT: 225 SWS SMD w/ 1/4" FLO 2 3/8 x 5 1/2 PORT COLLAR @ 1867
	0900							START TB & TOOLS
	1010							LOCATE PC
	1015				-	1000	1000	PSI TEST OPEN PC
	1025	3.0	30		-	150		INT. RATE - BLEND ON ANNA
		4.5	0		-	300		START CMT @ 11.2
			7.0		-	400		START TO CIRC MUD
			11.3		-	500		CIRC CMT MIX @ 14
			11.9		-	500		END CMT
	1055		6.2		-	500		DISP. CLOSE PC
	1100				-	1100	1100	PSI TEST RUN IN 5 JOINTS
	1110	3.0	0		-		200	REEL OUT
			7.0		-			1ST FLAG
			10.5		-			2ND FLAG
			20.0		-			ALL CLEAN TOTAL CMT 225 SWS 20 SWS TO PIT!
								PULL TOOLS TB
	1230							JOB COMPLETE
								THANK YOU! DANE, JIM, DAVE, JOE