



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: _____



1054037

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

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

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

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

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

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

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

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

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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 1-4
Doc ID	1054037

Tops

Name	Top	Datum
Anhydrite	1900	+332
Base Anhydrite	1927	+305
Topeka	3241	-1009
Heebner	3439	-1207
Toronto	3464	-1232
Lansing	3482	-1250
Base Kansas City	3666	-1434
Precambrian	3729	-1497
Total Depth	3733	-1501

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

April 14, 2011

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

Re: ACO1
API 15-137-20554-00-00
Anna 1-4
SE/4 Sec.04-04S-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

SWIFT



Services, Inc.

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



Invoice

DATE	INVOICE #
4/1/2011	19591

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	#1-4	Anna	Norton	WW Drilling #8	Oil	Development	Surface Pipe	Nick
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.)				1	Job	750.00	750.00
290	D-Air				2	Gallon(s)	35.00	70.00T
325	Standard Cement				160	Sacks	12.00	1,920.00T
278	Calcium Chloride				4	Sack(s)	35.00	140.00T
279	Bentonite Gel				3	Sack(s)	25.00	75.00T
581D	Service Charge Cement				160	Sacks	1.50	240.00
583D	Drayage				626	Ton Miles	1.00	626.00
	Subtotal							4,221.00
	Sales Tax Norton County						7.05%	155.45
	<p style="text-align: center;">R4/6/2011 P4/6/2011 vanloene 190402 4376.45 Anna 1-4 - Pump charge, cement & other misc used to cement surface casing</p>							
4/6/2011 CK#10851								
Thank You For Your Business!							Total	\$4,376.45



Services, Inc.

TICKET
19591

CHARGE TO: Baird Oil Co
 ADDRESS:
 CITY, STATE, ZIP CODE:

PAGE 1 OF 1

SERVICE LOCATIONS
 1. Hays, KS
 2. Ness City, KS

WELL/PROJECT NO. #1-4
 LEASE Anna
 COUNTY/PARISH Norton
 STATE KS
 CITY Location

TICKET TYPE: SERVICE SALES
 CONTRACTOR W W #8
 RIG NAME NO.
 SHIPPED VIA
 DELIVERED TO

DATE 4-1-11
 ORDER NO.
 OWNER Same

WELL TYPE oil
 WELL CATEGORY Development
 JOB PURPOSE Sur-Face Pipe
 WELL PERMIT NO.
 WELL LOCATION

INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
575		1			#111	80 mi					5.00	400.00
576S		1			Pump Charge (Shallow Surface)	1 ea		2			750.00	750.00
290		1			D-Air	2 gal					35.00	70.00
325		2			Standard Cement	160 sks					12.00	1920.00
278		2			Calcium Chloride	4 sks			3%		35.00	140.00
279		2			Bentonite gel	3 sks			2%		25.00	75.00
581		2			Cement Service Charge	160 sks					1.50	240.00
583		2			Drayage	626 TM					1.00	626.00

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

DATE SIGNED 4-1-11
 TIME SIGNED 1745
 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?	AGREE	UN-DECIDED	DIS-AGREE
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?	<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO

PAGE TOTAL 4921
 TOTAL 4376

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

SWIFT OPERATOR: [Signature]
 APPROVAL: [Signature]

Thank You

JOB LOG

SWIFT Services, Inc.

DATE 4-1-11 PAGE NO. 1

CUSTOMER Baird O, I Co WELL NO. 1-4 LEASE Anna JOB TYPE Surface Pipe TICKET NO. 19591

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1600							on loc set up Trks 8 5/8" x 5 1/2" x 2
								start Csg Break Circ.
	1730	5	0				100	start Cement 160 sks Std 3% cc 2% gel
	1738	4	39/0				100	End Cement/start Displacement
	1741		13				150	Cement Displaced to 200'
							100	Shut In
								circ 50 sks to pit
								Thank you Nick, Josh F. & John



PO BOX 31 Russell, KS 67665

INVOICE

Invoice Number: 126794

Invoice Date: Apr 7, 2011

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

Bill To:

Baird Oil Company LLC
 P O Box 428
 Logan, KS 67646

Federal Tax I.D.#: 20-5975804

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Baird	Anna #1-4	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-03	Great Bend	Apr 7, 2011	5/7/11

Quantity	Item	Description	Unit Price	Amount
123.00	MAT	Class A Common	16.25	1,998.75
82.00	MAT	Pozmix	8.50	697.00
7.00	MAT	Gel	21.25	148.75
51.00	MAT	Flo Seal	2.70	137.70
214.00	SER	Handling	2.25	481.50
40.00	SER	Mileage 214 sx @.11 per sk per mi	23.54	941.60
1.00	SER	Rotary Plug	1,250.00	1,250.00
80.00	SER	Pump Truck Mileage	7.00	560.00
80.00	SER	Light Vehicle Mileage	4.00	320.00
1.00	CEMENTER	Wayne Davis		
1.00	OPER ASSIST	Greg Redetzke		

R 4/15/2011
P 4/18/2011
 Vanboene 190402 6996.04
 Anna 1-4 - Pump charge, cement
 & other misc expenses used to
 plug well

Subtotal	6,535.30
Sales Tax	460.74
Total Invoice Amount	6,996.04
Payment/Credit Applied	
TOTAL	6,996.04

ALL PRICES ARE NET, PAYABLE
 30 DAYS FOLLOWING DATE OF
 INVOICE. 1 1/2% CHARGED
 THEREAFTER. IF ACCOUNT IS
 CURRENT, TAKE DISCOUNT OF

\$ **1307.06**

ONLY IF PAID ON OR BEFORE

May 2, 2011

ALLIED CEMENTING CO., LLC. 038789

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
G-cat Bend 45

DATE <u>4-7-11</u>	SEC. <u>4</u>	TWP. <u>43</u>	RANGE <u>21W</u>	CALLED OUT	ON LOCATION	JOB START <u>9:30 AM</u>	JOB FINISH <u>10:10 AM</u>
LEASE <u>anna</u>	WELL # <u>1-4</u>	LOCATION <u>hogan west TO 12 RD</u>			COUNTY <u>Newton</u>	STATE <u>KS</u>	
<u>OLD</u> OR NEW (Circle one)			<u>6 North TO T RD 1/2 west North TO</u>				

CONTRACTOR w-w Riz &
 TYPE OF JOB Rotary Plug
 HOLE SIZE 7 3/4 T.D. 4851
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 DEPTH 1910
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER Baird oil
 CEMENT
 AMOUNT ORDERED 205 SK 60/40 + 4% Gel + 1/4 flaseal

COMMON	<u>123</u>	@	<u>16.25</u>	<u>1,998.75</u>
POZMIX	<u>82</u>	@	<u>8.50</u>	<u>697.00</u>
GEL	<u>7</u>	@	<u>21.25</u>	<u>148.75</u>
CHLORIDE		@		
ASC		@		
	<u>flaseal</u>	@	<u>2.70</u>	<u>132.70</u>
		@		
		@		
		@		
		@		
HANDLING	<u>214</u>	@	<u>2.25</u>	<u>481.50</u>
MILEAGE	<u>214 x 4.00 = 856</u>	@		<u>941.60</u>
				TOTAL <u>4,405.30</u>

EQUIPMENT

PUMP TRUCK CEMENTER wayne
 # 366 HELPER wayne
 BULK TRUCK
 # 344 DRIVER G-cat
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

1st plug 1910 mix 25 SK
2nd plug 1152 mix 100 SK
3rd plug 270 mix 40 SK
4th plug 40 mix 10 SK
Rethole mix 30 SK
Riz Down

SERVICE

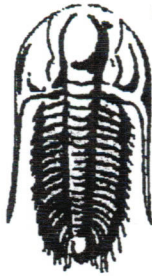
DEPTH OF JOB	<u>1910</u>		
PUMP TRUCK CHARGE			<u>1250.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>80</u>	@	<u>7.00</u> <u>560.00</u>
MANIFOLD		@	
	<u>light-truck mileage 80</u>	@	<u>4.00</u> <u>320.00</u>
TOTAL <u>2130.00</u>			

CHARGE TO: Baird oil
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		

To Allied Cementing Co., LLC.



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company,LLC**

Po Box 428
Logan KS 67646-0428

ATTN: Jim R Baird

4-4s-21w Norton KS

Anna #1-4

Start Date: 2011.04.04 @ 21:05:18

End Date: 2011.04.05 @ 01:29:18

Job Ticket #: 042604 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Baird Oil Company,LLC

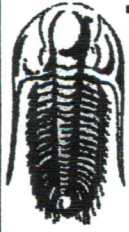
Anna #1-4

4-4s-21w Norton KS

DST # 1

LKC-A

2011.04.04



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Baird Oil Company, LLC

Po Box 428
Logan KS 67646-0428

ATTN: Jim R Baird

Anna #1-4

4-4s-21w Norton KS

Job Ticket: 042604 DST#: 1

Test Start: 2011.04.04 @ 21:05:18

GENERAL INFORMATION:

Formation: LKC-A
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:47:03
Time Test Ended: 01:29:18

Test Type: Conventional Bottom Hole
Tester: Jeff Brown
Unit No: 44

Interval: 3467.00 ft (KB) To 3490.00 ft (KB) (TVD)
Total Depth: 3490.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2232.00 ft (KB)
2227.00 ft (CF)
KB to GR/CF: 5.00 ft

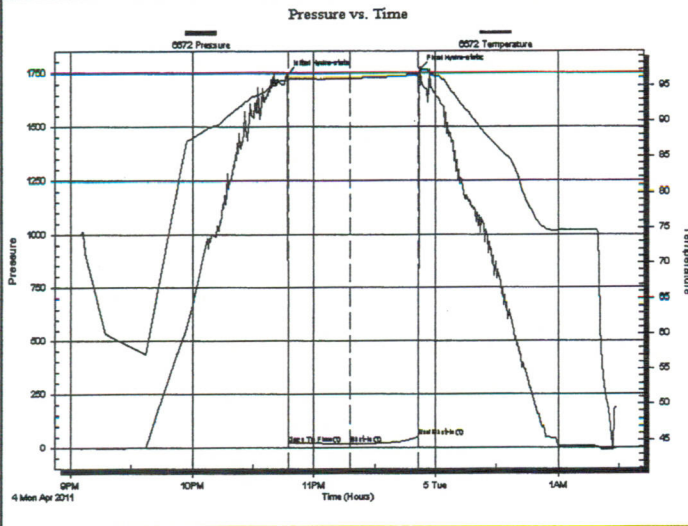
Serial #: 6672

Inside

Press@RunDepth: 20.05 psig @ 3468.00 ft (KB)
Start Date: 2011.04.04 End Date:
Start Time: 21:05:19 End Time:

Capacity: 8000.00 psig
Last Calib.: 2011.04.05
Time On Btm: 2011.04.04 @ 22:46:48
Time Off Btm: 2011.04.04 @ 23:52:33

TEST COMMENT: IFP-Weak blow built to 1/4 in
ISI-Dead no blow back



PRESSURE SUMMARY

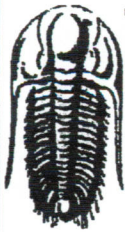
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1738.96	96.10	Initial Hydro-static
1	20.26	95.48	Open To Flow (1)
31	20.05	95.93	Shut-In(1)
65	53.26	96.34	End Shut-In(1)
66	1764.52	96.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbi)
2.00	Mud with a scum of oil	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

Anna #1-4

Po Box 428
Logan KS 67646-0428

4-4s-21w Norton KS

Job Ticket: 042604 DST#: 1

ATTN: Jim R Baird

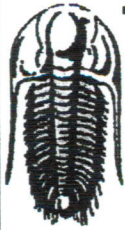
Test Start: 2011.04.04 @ 21:05:18

Tool Information

Drill Pipe:	Length: 3354.00 ft	Diameter: 3.80 inches	Volume: 47.05 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 46000.00 lb
			<u>Total Volume: 47.65 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3467.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	23.00 ft			
Tool Length:	43.00 ft			
Number of Packers:	2	Diameter: 6.88 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3448.00	
Shut In Tool	5.00			3453.00	
Hydraulic tool	5.00			3458.00	
Packer	4.00			3462.00	20.00 Bottom Of Top Packer
Packer	5.00			3467.00	
Stubb	1.00			3468.00	
Recorder	0.00	6672	Inside	3468.00	
Recorder	0.00	8321	Outside	3468.00	
Perforations	19.00			3487.00	
Bullnose	3.00			3490.00	23.00 Bottom Packers & Anchor
Total Tool Length:	43.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC

Anna #1-4

Po Box 428
Logan KS 67646-0428

4-4s-21w Norton KS

ATTN: Jim R Baird

Job Ticket: 042604 DST#: 1

Test Start: 2011.04.04 @ 21:05:18

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: 64.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Mud with a scum of oil	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:

Serial #: 6672

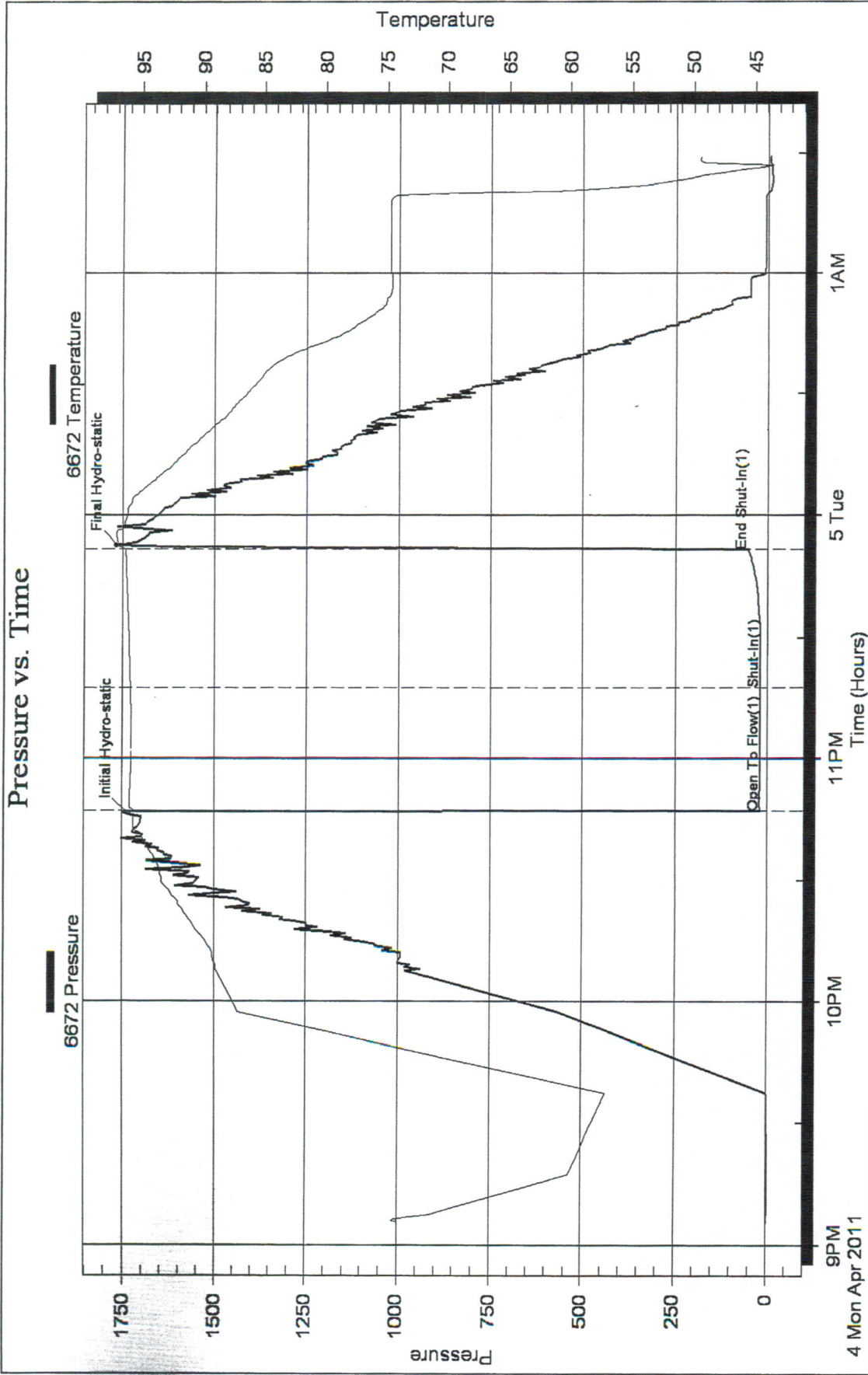
Inside

Baird Oil Company, LLC

4-4s-21w Norton KS

DST Test Number: 1

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company, LLC**

Po Box 428
Logan KS 67646-0428

ATTN: Jim R Baird

4-4s-21w Norton KS

Anna #1-4

Start Date: 2011.04.05 @ 09:17:04

End Date: 2011.04.05 @ 12:56:04

Job Ticket #: 042605 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Baird Oil Company, LLC

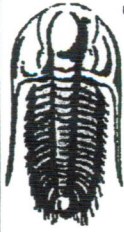
Anna #1-4

4-4s-21w Norton KS

DST # 2

LKC-D

2011.04.05



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Baird Oil Company, LLC

Anna #1-4

Po Box 428
Logan KS 67646-0428

4-4s-21w Norton KS

Job Ticket: 042605 DST#: 2

ATTN: Jim R Baird

Test Start: 2011.04.05 @ 09:17:04

GENERAL INFORMATION:

Formation: **LKC-D**
 Deviated: **No** Whipstock: ft (KB)
 Time Tool Opened: 10:39:04
 Time Test Ended: 12:56:04

Test Type: **Conventional Bottom Hole**
 Tester: **Jeff Brown**
 Unit No: **44**

Interval: **3515.00 ft (KB) To 3532.00 ft (KB) (TVD)**
 Total Depth: **3532.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2232.00 ft (KB)**
2227.00 ft (CF)
 KB to GR/CF: **5.00 ft**

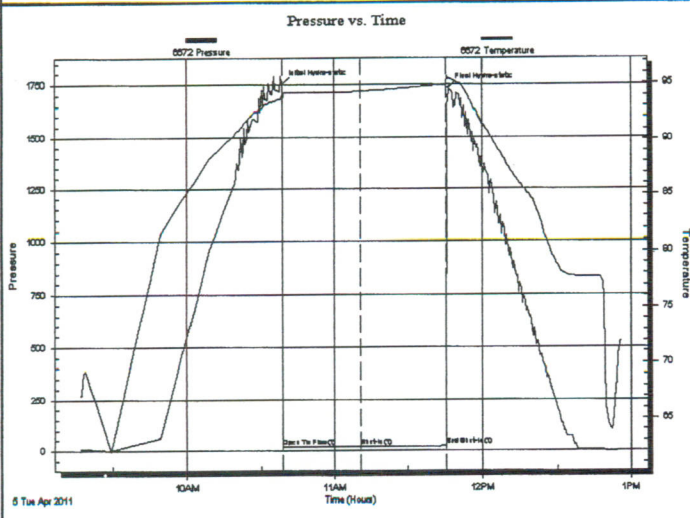
Serial #: 6672

Inside

Press@RunDepth: **19.15 psig @ 3516.00 ft (KB)**
 Start Date: **2011.04.05** End Date: **2011.04.05**
 Start Time: **09:17:05** End Time: **12:56:04**

Capacity: **8000.00 psig**
 Last Calib.: **2011.04.05**
 Time On Btm: **2011.04.05 @ 10:38:49**
 Time Off Btm: **2011.04.05 @ 11:46:49**

TEST COMMENT: IFP-Weak blow built to 1/8 in died back to a weak surface blow
 IS-Dead no blow back



PRESSURE SUMMARY

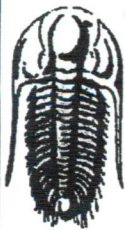
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1749.06	94.09	Initial Hydro-static
1	18.88	93.33	Open To Flow (1)
32	19.15	94.31	Shut-In(1)
67	22.84	94.89	End Shut-In(1)
68	1732.78	95.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Mud with a scum of oil	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company, LLC

Anna #1-4

Po Box 428
Logan KS 67646-0428

4-4s-21w Norton KS

Job Ticket: 042605 **DST#: 2**

ATTN: Jim R Baird

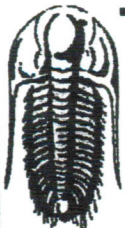
Test Start: 2011.04.05 @ 09:17:04

Tool Information

Drill Pipe:	Length: 3385.00 ft	Diameter: 3.80 inches	Volume: 47.48 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 44000.00 lb
		Total Volume:	48.08 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3515.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	17.00 ft			
Tool Length:	37.00 ft			
Number of Packers:	2	Diameter: 6.88 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3496.00	
Shut In Tool	5.00			3501.00	
Hydraulic tool	5.00			3506.00	
Packer	4.00			3510.00	20.00 Bottom Of Top Packer
Packer	5.00			3515.00	
Stubb	1.00			3516.00	
Recorder	0.00	6672	Inside	3516.00	
Recorder	0.00	8321	Outside	3516.00	
Perforations	13.00			3529.00	
Bullnose	3.00			3532.00	17.00 Bottom Packers & Anchor
Total Tool Length:	37.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC

Anna #1-4

Po Box 428
Logan KS 67646-0428

4-4s-21w Norton KS

Job Ticket: 042605 DST#: 2

ATTN: Jim R Baird

Test Start: 2011.04.05 @ 09:17:04

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 64.00 sec/qt
Water Loss: 6.39 in³
Resistivity: ohm.m
Salinity: 1000.00 ppm
Filter Cake: inches

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

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	Mud with a scum of oil	0.005

Total Length: 1.00 ft Total Volume: 0.005 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 6672

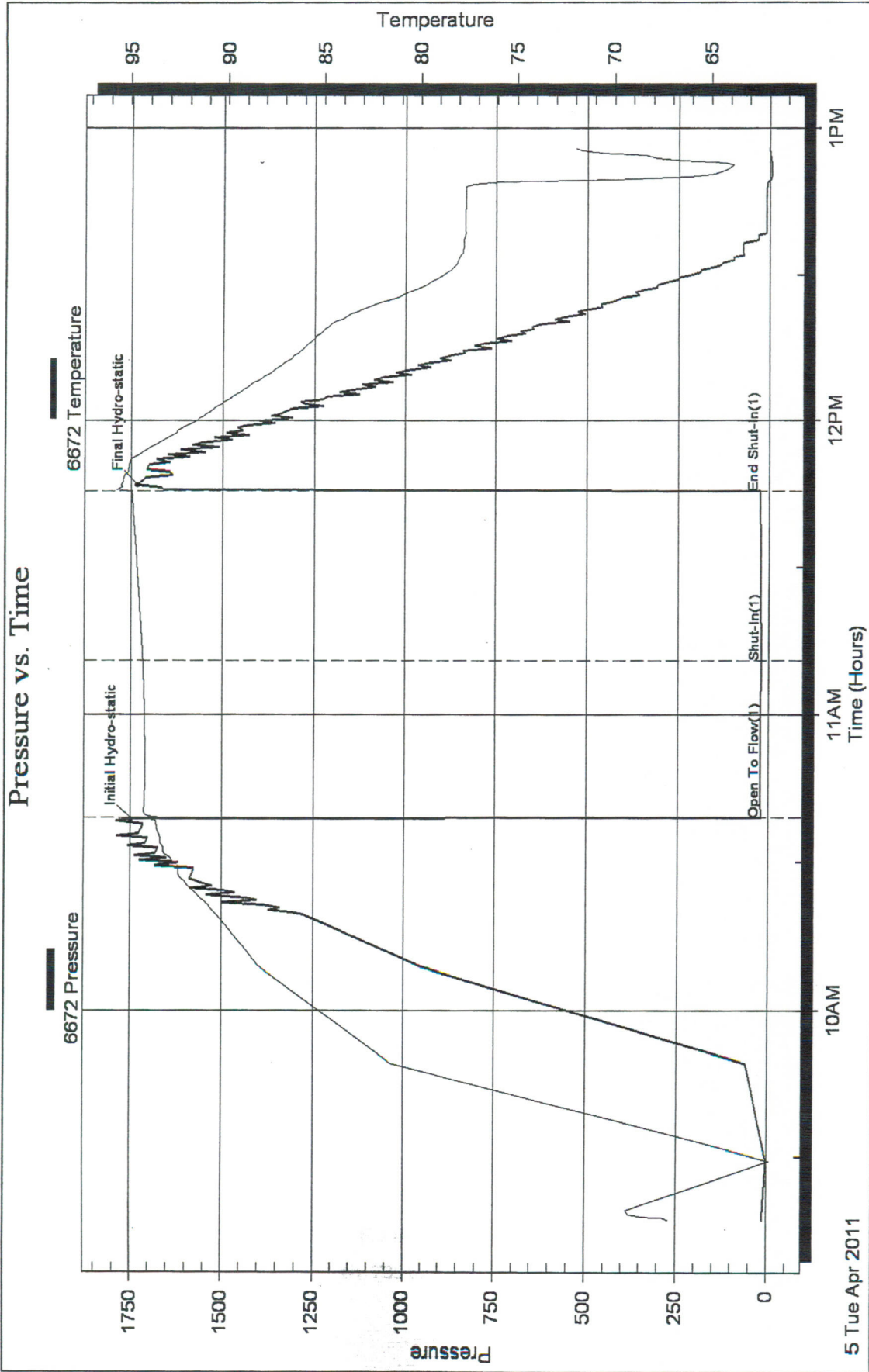
Inside

Baird Oil Company, LLC

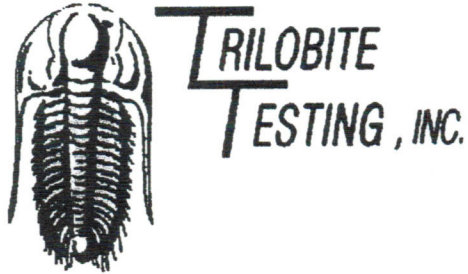
4-4s-21w Norton KS

DST Test Number: 2

Pressure vs. Time



5 Tue Apr 2011



DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company, LLC**

Po Box 428
Logan KS 67646-0428

ATTN: Jim R Baird

4-4s-21w Norton KS

Anna #1-4

Start Date: 2011.04.05 @ 18:26:35

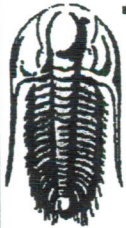
End Date: 2011.04.05 @ 22:53:50

Job Ticket #: 042606 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, LLC

Anna #1-4

Po Box 428
Logan KS 67646-0428

4-4s-21w Norton KS

Job Ticket: 042606 DST#: 3

ATTN: Jim R Baird

Test Start: 2011.04.05 @ 18:26:35

GENERAL INFORMATION:

Formation: LKC-F
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:09:35
Time Test Ended: 22:53:50

Test Type: Conventional Bottom Hole
Tester: Jeff Brown
Unit No: 44

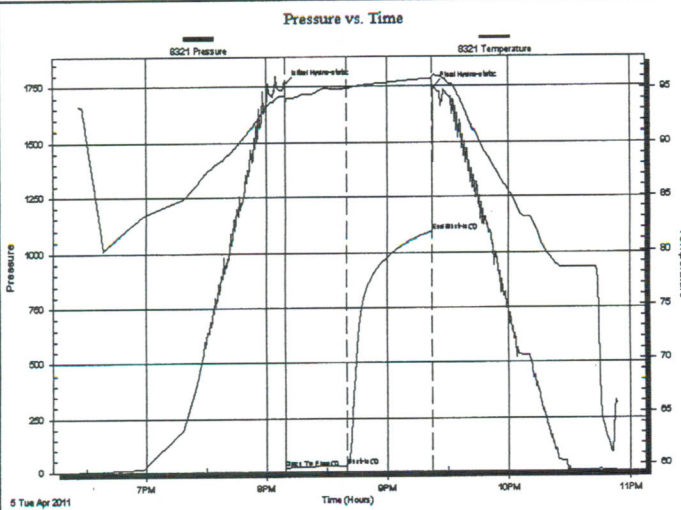
Interval: 3531.00 ft (KB) To 3555.00 ft (KB) (TVD)
Total Depth: 3555.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2232.00 ft (KB)
2227.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8321 Outside
Press@RunDepth: 27.05 psig @ 3532.00 ft (KB)
Start Date: 2011.04.05 End Date: 2011.04.05
Start Time: 18:26:36 End Time: 22:53:50

Capacity: 8000.00 psig
Last Calib.: 2011.04.05
Time On Btm: 2011.04.05 @ 20:09:20
Time Off Btm: 2011.04.05 @ 21:22:50

TEST COMMENT: IFP-Weak blow built to 3/4 in
IS-Dead no blow back



PRESSURE SUMMARY

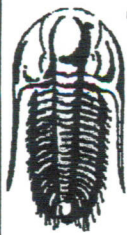
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1762.41	94.35	Initial Hydro-static
1	16.69	93.54	Open To Flow (1)
31	27.05	95.01	Shut-In(1)
73	1090.05	95.89	End Shut-In(1)
74	1748.91	96.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
6.00	Mud with oil spots	0.03

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company, LLC

Anna #1-4

Po Box 428
Logan KS 67646-0428

4-4s-21w Norton KS

Job Ticket: 042606 DST#: 3

ATTN: Jim R Baird

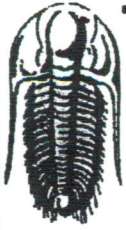
Test Start: 2011.04.05 @ 18:26:35

Tool Information

Drill Pipe:	Length: 3417.00 ft	Diameter: 3.80 inches	Volume: 47.93 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 48000.00 lb
			Total Volume: 48.53 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3531.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	44.00 ft			
Number of Packers:	2	Diameter: 6.88 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3512.00	
Shut In Tool	5.00			3517.00	
Hydraulic tool	5.00			3522.00	
Packer	4.00			3526.00	20.00 Bottom Of Top Packer
Packer	5.00			3531.00	
Stubb	1.00			3532.00	
Recorder	0.00	6672	Inside	3532.00	
Recorder	0.00	8321	Outside	3532.00	
Perforations	20.00			3552.00	
Bullnose	3.00			3555.00	24.00 Bottom Packers & Anchor
Total Tool Length:	44.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC

Anna #1-4

Po Box 428
Logan KS 67646-0428

4-4s-21w Norton KS

Job Ticket: 042606 DST#: 3

ATTN: Jim R Baird

Test Start: 2011.04.05 @ 18:26:35

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 44.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.38 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1300.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
6.00	Mud with oil spots	0.030

Total Length: 6.00 ft Total Volume: 0.030 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

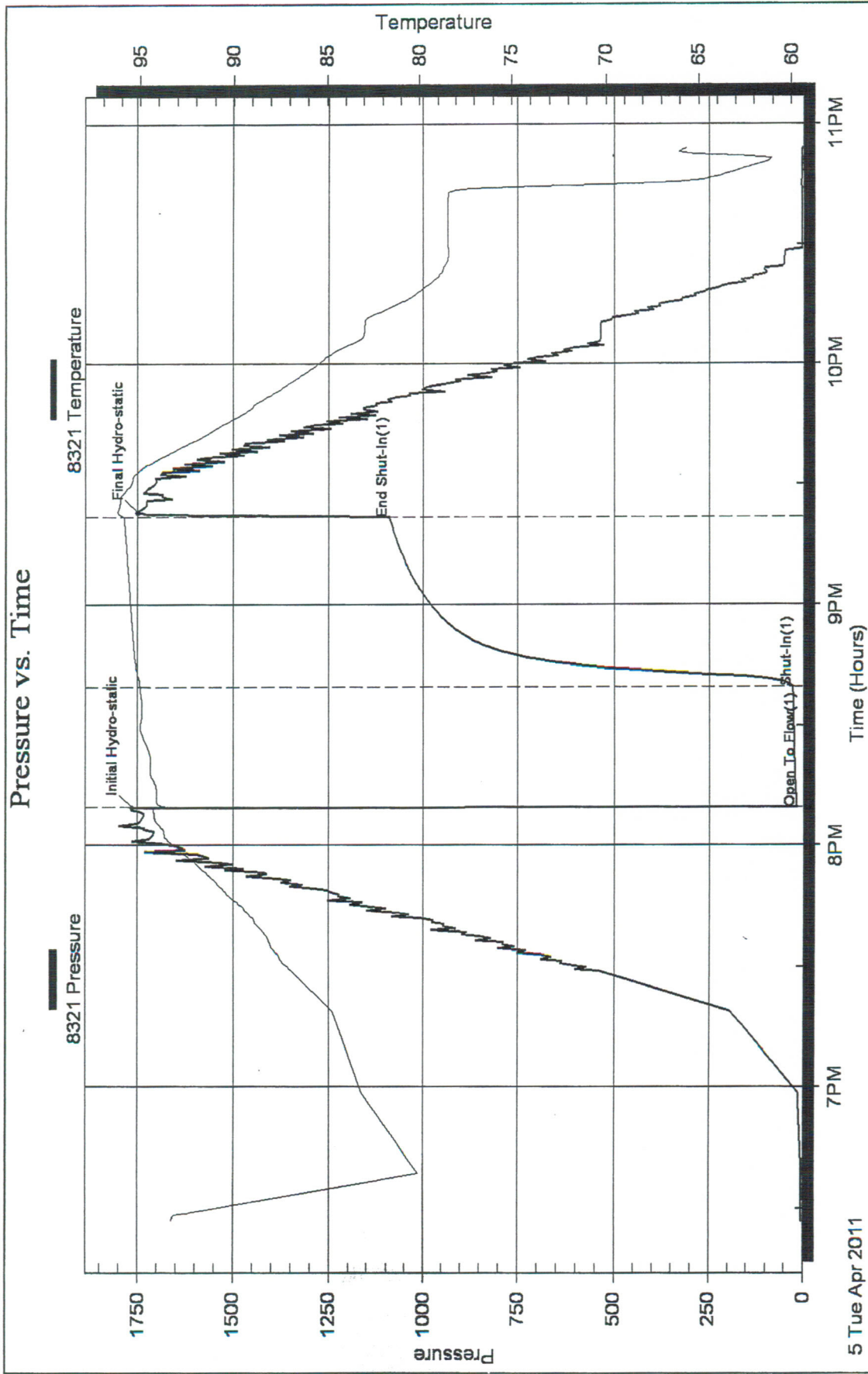
Serial #: 8321

Outside Baird Oil Company, LLC

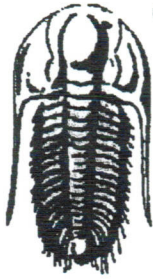
4-4s-21w Norton KS

DST Test Number: 3

Pressure vs. Time



5 Tue Apr 2011



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company, LLC**

Po Box 428
Logan KS 67646-0428

ATTN: Jim R Baird

4-4s-21w Norton KS

Anna #1-4

Start Date: 2011.04.06 @ 11:08:39

End Date: 2011.04.06 @ 15:22:09

Job Ticket #: 042607 DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Baird Oil Company, LLC

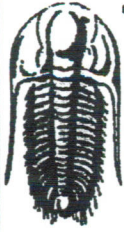
Anna #1-4

4-4s-21w Norton KS

DST # 4

LKC-JK

2011.04.06



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Baird Oil Company, LLC

Anna #1-4

Po Box 428
Logan KS 67646-0428

4-4s-21w Norton KS

Job Ticket: 042607 DST#: 4

ATTN: Jim R Baird

Test Start: 2011.04.06 @ 11:08:39

GENERAL INFORMATION:

Formation: LKC-J-K
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:37:39
Time Test Ended: 15:22:09

Test Type: Conventional Bottom Hole
Tester: Jeff Brown
Unit No: 44

Interval: 3604.00 ft (KB) To 3654.00 ft (KB) (TVD)
Total Depth: 3654.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2232.00 ft (KB)
2227.00 ft (CF)
KB to GR/CF: 5.00 ft

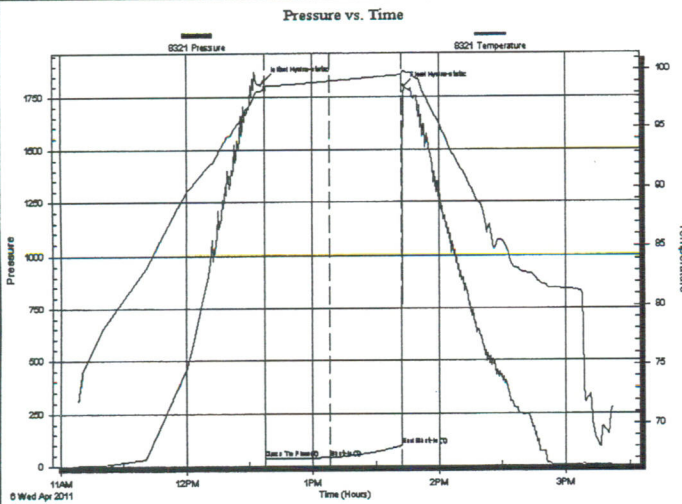
Serial #: 8321

Outside

Press@RunDepth: 37.95 psig @ 3610.00 ft (KB)
Start Date: 2011.04.06 End Date: 2011.04.06
Start Time: 11:08:40 End Time: 15:22:09

Capacity: 8000.00 psig
Last Calib.: 2011.04.06
Time On Btm: 2011.04.06 @ 12:37:24
Time Off Btm: 2011.04.06 @ 13:43:09

TEST COMMENT: IFP-Weak blow built to 1/8 in
ISI-Dead no blow back



PRESSURE SUMMARY

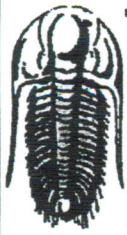
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1828.83	98.75	Initial Hydro-static
1	35.77	97.89	Open To Flow (1)
31	37.95	99.06	Shut-In(1)
65	97.84	99.57	End Shut-In(1)
66	1801.91	99.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	SOCM 2%O98%M	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company, LLC

Anna #1-4

Po Box 428
Logan KS 67646-0428

4-4s-21w Norton KS

Job Ticket: 042607 DST#: 4

ATTN: Jim R Baird

Test Start: 2011.04.06 @ 11:08:39

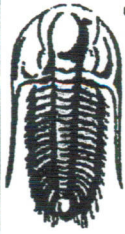
Tool Information

Drill Pipe:	Length: 3479.00 ft	Diameter: 3.80 inches	Volume: 48.80 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 44000.00 lb
			<u>Total Volume: 49.40 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3604.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	70.00 ft			
Number of Packers:	2	Diameter: 6.88 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3585.00	
Shut In Tool	5.00			3590.00	
Hydraulic tool	5.00			3595.00	
Packer	4.00			3599.00	20.00 Bottom Of Top Packer
Packer	5.00			3604.00	
Stubb	1.00			3605.00	
Perforations	4.00			3609.00	
Change Over Sub	1.00			3610.00	
Recorder	0.00	6672	Inside	3610.00	
Recorder	0.00	8321	Outside	3610.00	
Drill Pipe	30.00			3640.00	
Change Over Sub	1.00			3641.00	
Perforations	10.00			3651.00	
Bullnose	3.00			3654.00	50.00 Bottom Packers & Anchor

Total Tool Length: 70.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC

Anna #1-4

Po Box 428
Logan KS 67646-0428

4-4s-21w Norton KS

Job Ticket: 042607

DST#: 4

ATTN: Jim R Baird

Test Start: 2011.04.06 @ 11:08:39

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: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.38 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1300.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	SOCM 2%O98%M	0.005

Total Length: 1.00 ft Total Volume: 0.005 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

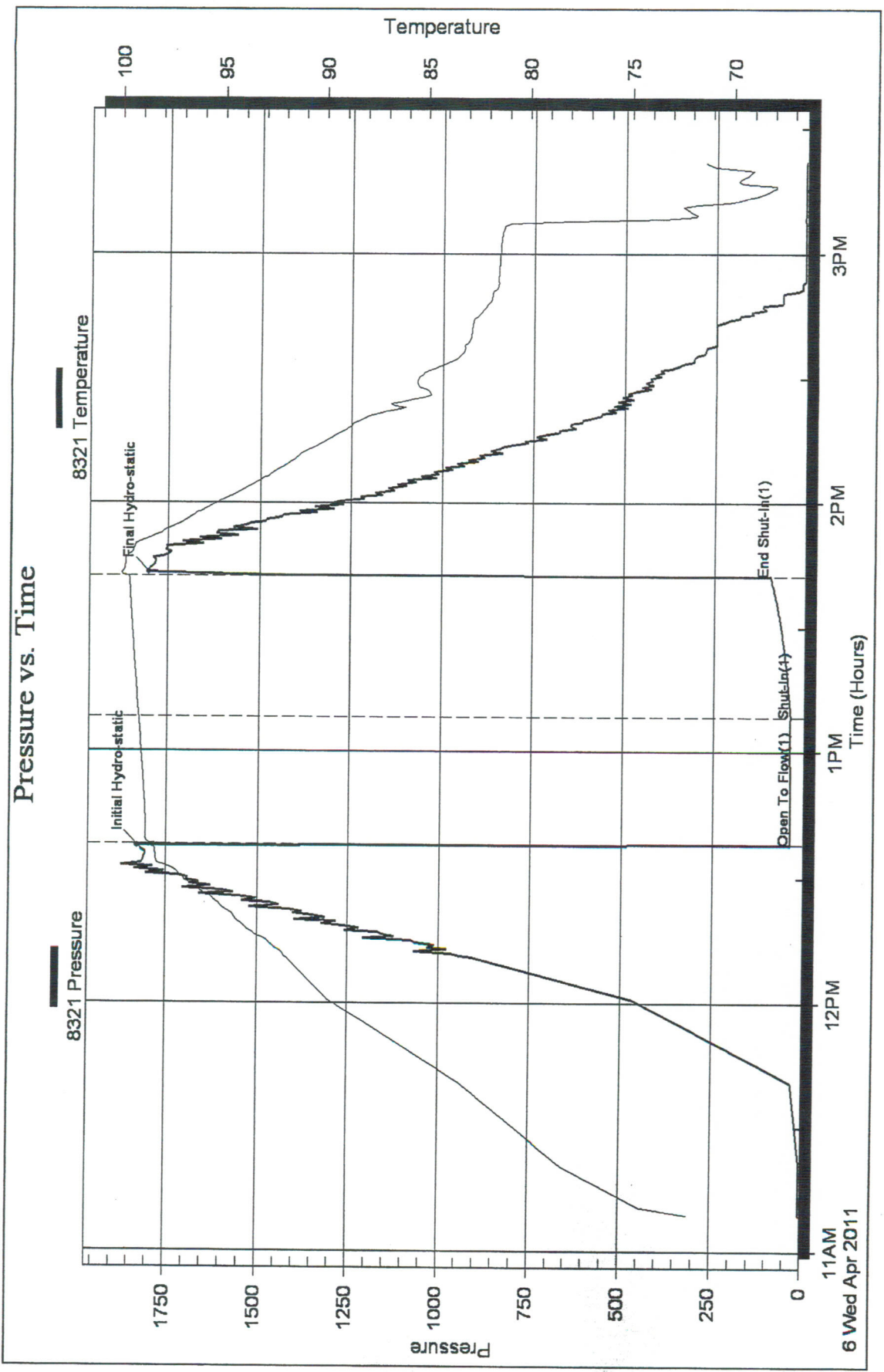
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



A.P.T.# 15-137-20554-00-00

GEOLOGICAL REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY Baird Oil Company, LLC.
 LEASE Anna #1-4
 FIELD Wildcat
 LOCATION 580'ESL+2070'FEL
 SEC 4 TWSP 4S RGE 21W
 COUNTY Norton STATE Kansas

ELEVATION
 KB 2232'
 DF 2230'
 GL 2227'
 Depths Measured From
 Log KB Drilling KB

CONTRACTOR WW Drilling Rig #8
 SPUD 4-1-11 COMP 4-7-11
 SAMPLES SAVED FROM 3100 TO R.T.D.

CASING
 Surface 8 5/8" @ 220'
 Production none

ELECTRIC LOGS
Superior Well Services

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE	E. LOG	DATUM	A	B	C	D
				-0-	-0-		
Anhydrite	1896	1900 + 332		+331	+331		
Base Anhydrite	1923	1927 + 305		+304	+301		
Topeka	3237	3241 - 1009		-1012	-1008		
Heebner	3435	3439 - 1207		-1212	-1209		
Toronto	3460	3464 - 1232		-1240	-1235		
Lansing	3478	3482 - 1250		-1257	-1251		
Base Kansas City	3662	3666 - 1434		-1442	-1240		
Precambrian	3725	3729 - 1497		-1542			
Total Depth	3733	3733 - 1501		-1556	-1534		

REFERENCE WELLS

- A Nat'l Assoc. Petr. Co., MR Schick #1, NW NW SW Sec 4-4S-21W
- B Baird Oil Co., LLC, Anna #1-10, 2160'ESL & 1870'FWL Sec. 10-4S-21W
- C
- D

REMARKS

This well ran 1 foot to 7 feet higher on the Lansing top than the reference dry holes. All oil shows were covered on drill stem tests. It was decided no further testing was warranted and the well was plugged and abandoned.

Richard B. Bell
4-7-11

7502

LEGEND

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

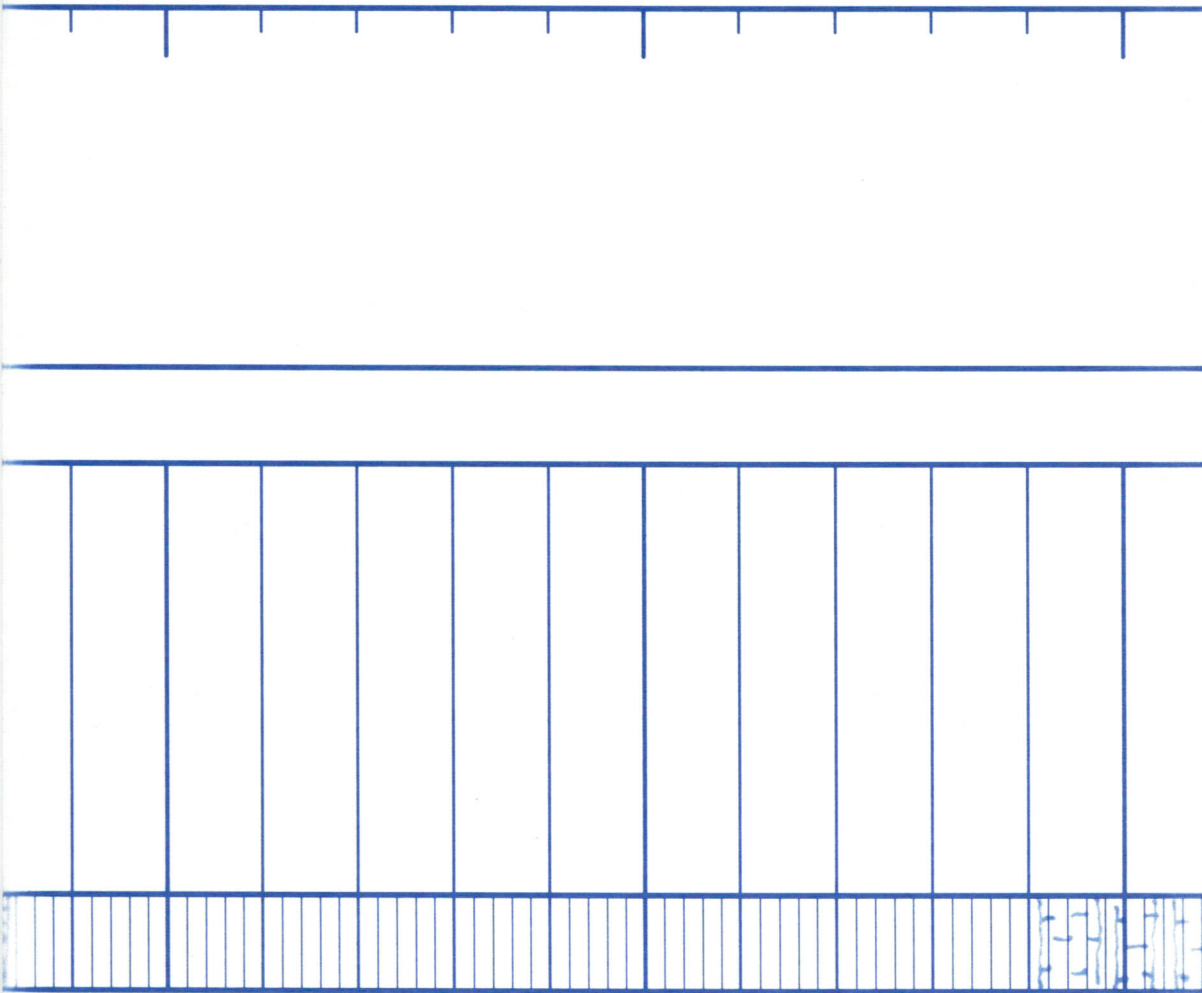
DRILLING TIME IN MINUTES
PER FOOT

Rate of Penetration Decreases



LOG 7710

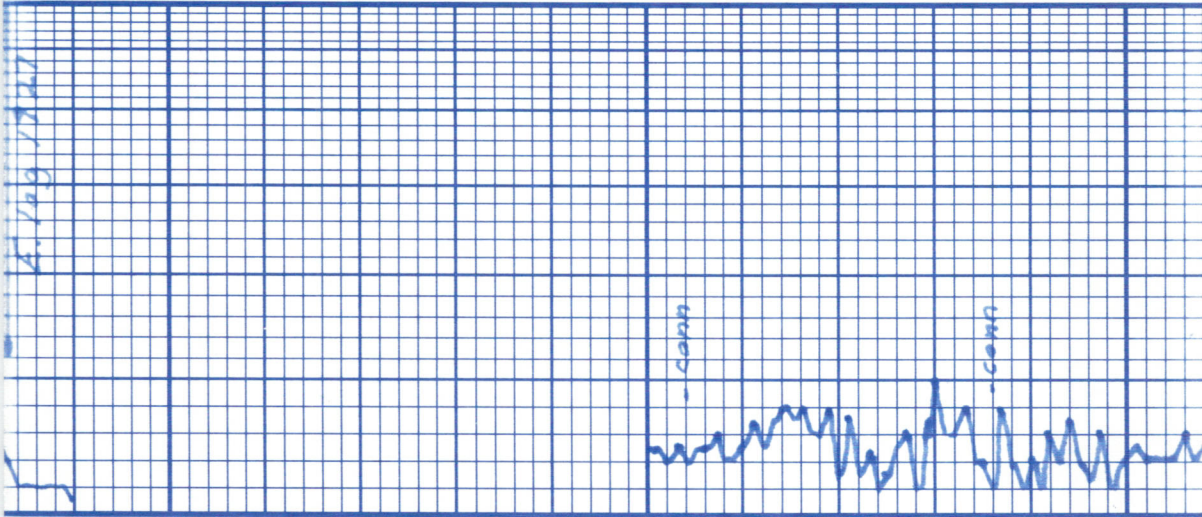
DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	OIL SHOWS	REMARKS
1900				
20				



3100

20

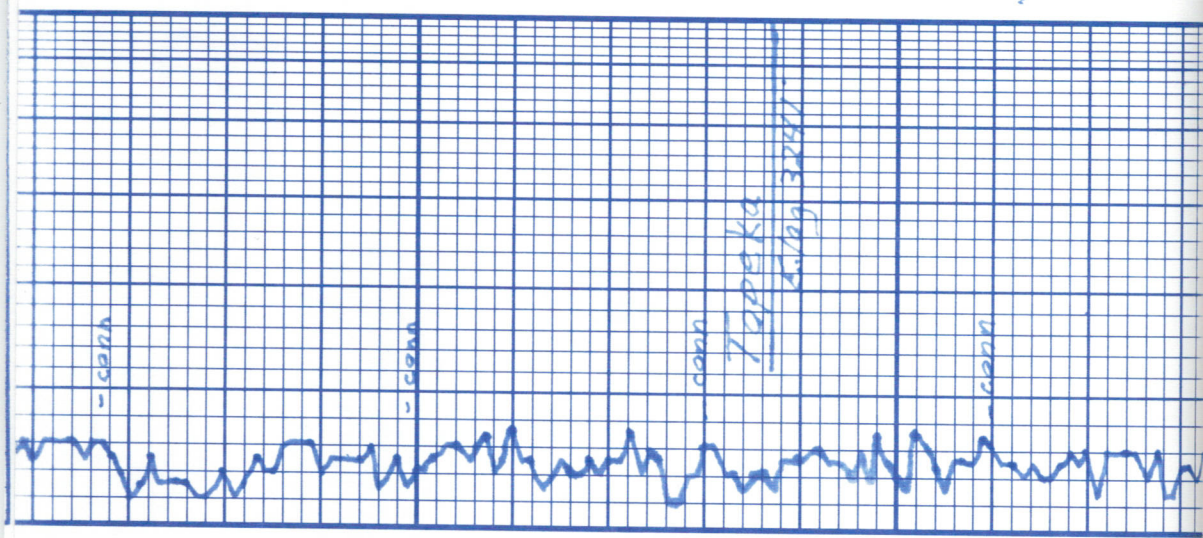
40



A. 100 11227

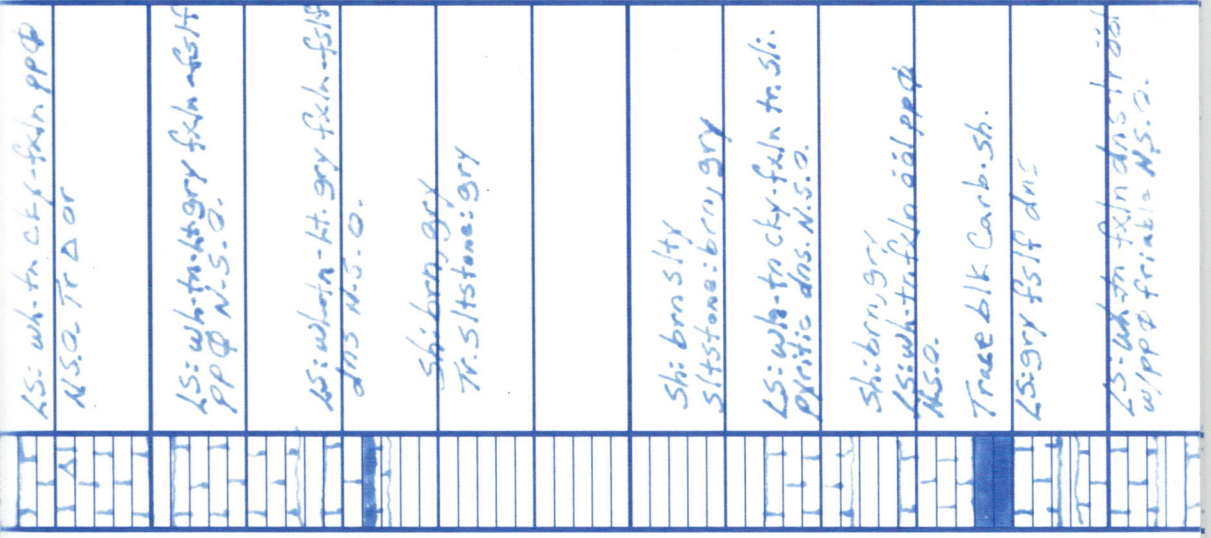
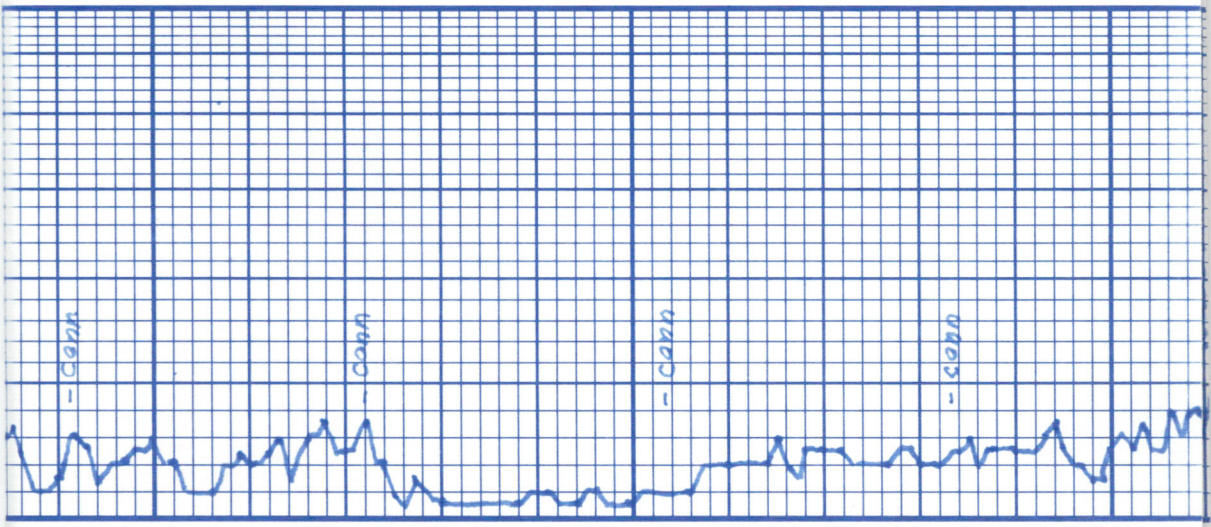
C-0011

C-0011



60		
80		
3200	LS: tn-gr / fslf dns.	
	A.A.	
20	LS: grey-feln dns	
	Sh: grey slt, brn	
40	LS: wh-tn-gry cky-feln PPΦ N.S.O	
	LS: wh-tn cky-feln dns	
60	LS: wh-tn cky-feln PPΦ friable N.S.O	
80	LS: wh-tn lt. gry cky-feln PPΦ N.S.O - Sh brn slt	

Samples are lagged
good samples



3300

20

40

60

80

3400

LS: wh. to chy-fsh pp
N.S. 2 Tr. A or

LS: wh. to chy-fsh pp
N.S. 2.

LS: wh. to chy-fsh pp
N.S. 2.

Sh: brn, gry
Tr. 5 / st. stone: gry

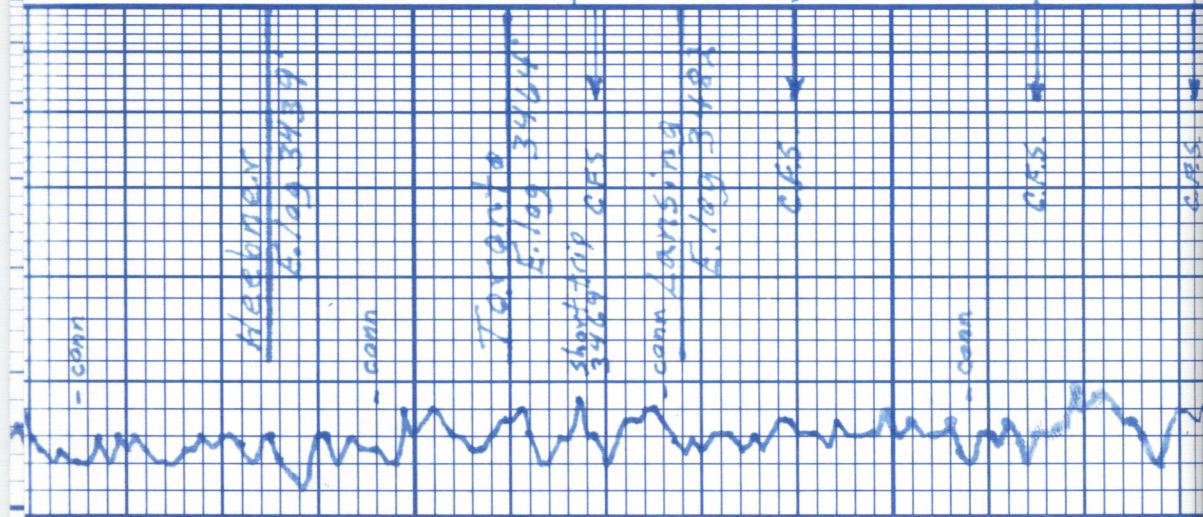
Sh: brn silty
st. stone: brn, gry

LS: wh. to chy-fsh to sli.
pyritic dms. N.S. 2.

Sh: brn, gry
LS: wh. to chy-fsh pp
N.S. 2.

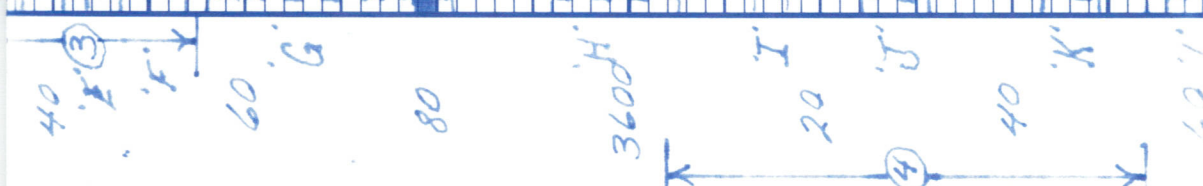
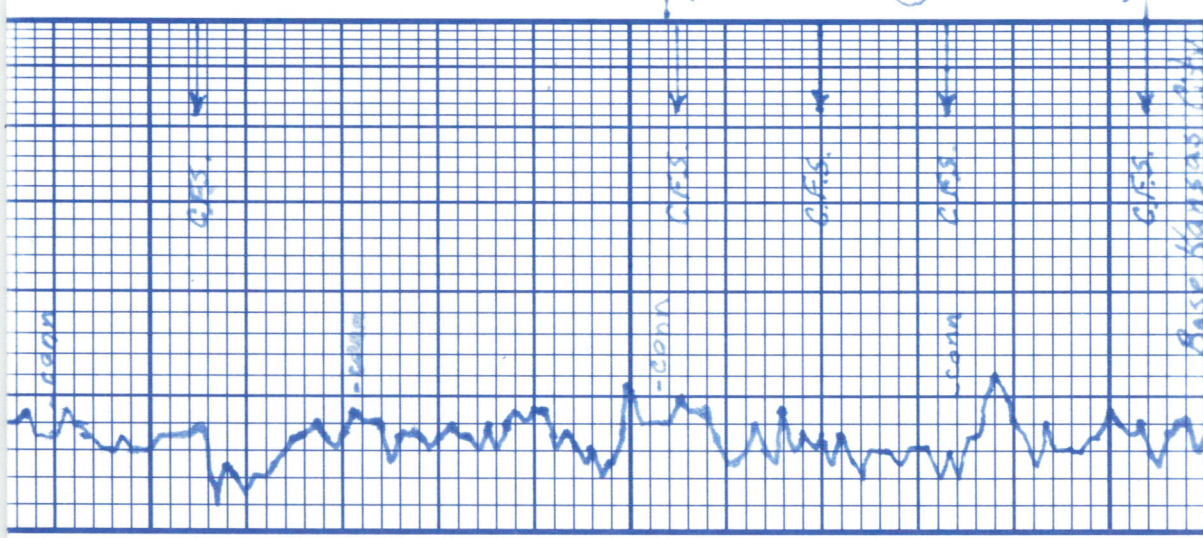
Trace blk Carb. sh.
LS: gry fsh dms

LS: wh. to chy-fsh to sli.
w/ pp & friable N.S. 2.



LS: wh-tn fcln - sl: 45 ft flyool pp & N.S.O. F. 19-19	Sh: blk Carb. LS: to 5 ft dn	LS: wh-tn fcln N.S.O. sty tn-or	Sh: brn slty LS: wh-tn slicky fcln sl: ool pr. pp & st. spid O str tr pp fcln crushing No odor	LS: wh-tn fcln dn	LS: wh-tn slicky fcln 9d pp & IF: slicky & drk brn O str pp thick brn floating F.O. minow 50 ft odor
Sh: brn, mar, gry sh stone: gry	Sh: brn slty	LS: wh-tn fcln dn	Sh: brn slty	Sh: brn, mar	Sh: brn, mar
Sh: brn, mar, gry sh stone: gry	Sh: brn slty	LS: wh-tn fcln dn	Sh: brn slty	Sh: brn, mar	Sh: brn, mar
Sh: brn, mar, gry sh stone: gry	Sh: brn slty	LS: wh-tn fcln dn	Sh: brn slty	Sh: brn, mar	Sh: brn, mar

Incline: 1°
 Strap 3509.49
 Board 3508.46
 Diff. 1.03
 Trilobite Testing
 DST #1 3467-3490
 30-30-0-0
 IF: wk blow
 Recovery: 2 M/O seen
 Hyd: 1739-1765 #
 FP: 20-20 #
 BHP: 53 #
 BHTemp: 96 °F.
 DST #2 3515-3532
 30-30-0-0
 IF: wk blow
 Recovery: 1 M/O seen
 Hyd: 1749-1733 #
 FP: 19-19 #
 BHP: 23 #
 BHTemp: 91 °F



LS: wh. tncky-faln dns Δ tn-gry	LS: wh. tncky-faln dns N.S.O. Δ at	LS: tn faln dns N.S.O. A wh-tn shiblk Carb	shly: brn, gry	LS: wh-tncky-faln dns N.S.O. Δ brn, or	shly: brn slty	LS: tn-gry faln dns shiblk	LS: wh-tn slty-cky-faln oöl pp @ fr spid @ Sen PPF. o. No odor	sh: brn, gry	LS: wh-tn slty-cky-faln oöl pp @ slty-fr shiblk @ fr spid @ Sen pp F.O. on crushing No odor	sh: brn, gry	LS: wh-tn faln dns N.S.O.
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DST#3 3531'-3555'
 30-40-0-0
 IF: wk blow
 Recovery: 6 m 10 spks
 HYd: 1762-1749#
 FP: 17-27#
 BHP: 1090#
 BHTemp: 96°F

DST#4 3604'-3654'
 30-30-0-0
 IF: wk blow
 Recovery: 1 USOCM
 270, 987M
 HYd: 1829-1802#
 FP: 36-38#
 BHP: 98#
 BHTemp: 99°F

