



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: _____



1057318

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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Baird Oil Company LLC
Well Name	Anna 2-3
Doc ID	1057318

Tops

Name	Top	Datum
Anhydrite	1820	+348
Base Anhydrite	1848	+320
Topeka	3166	-998
Heebner	3367	-1199
Toronto	3392	-1224
Lansing	3408	-1240
Lansing	3408	-1240
Base Kansas City	3601	-1433
Marmaton	3640	-1472
Arbuckle	3661	-1493
Precambrian Quartzite	3721	-1553
Granite	3751	-1583
Total Depth	3753	-1585

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



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

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

Sam Brownback, Governor

June 08, 2011

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

Re: ACO1
API 15-137-20560-00-00
Anna 2-3
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

SWIFT



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

Invoice

DATE	INVOICE #
5/31/2011	19688

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	#2-3	Anna	Norton	WW Drilling #8	Oil	Development	Surface	Dave

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	150	Sacks	12.00	1,800.00T
278	Calcium Chloride	4	Sack(s)	35.00	140.00T
279	Bentonite Gel	3	Sack(s)	25.00	75.00T
581D	Service Charge Cement	150	Sacks	1.50	225.00
583D	Drayage	588.8	Ton Miles	1.00	588.80
	Subtotal				4,048.80
	Sales Tax Norton County			7.05%	146.99

R6/2/2011
9/6/6/2011
Anna 3 190402 4195.79
Anna 2-3 - Pump charge, cement
& other misc. used to cement
Surface casing

6/6/2011
CL#11123

We Appreciate Your Business!	Total	\$4,195.79
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SWIFT Services, Inc.

CHARGE TO: Broad Dr
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET
19688

PAGE 1 OF 1

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. <u>HKS</u>	<u>0-3</u>	<u>Ann</u>	<u>Norton</u>	<u>LA</u>		<u>05-31-11</u>	
2. <u>NSS</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.	
	<input type="checkbox"/> SALES		<u>Wadley 8</u>	<u>ET</u>	<u>McDesmoe</u>		
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE		WELL PERMIT NO.	WELL LOCATION	
	<u>DIC</u>	<u>Develop</u>	<u>Surface</u>		<u>15-137-20560</u>	<u>58374 2d1</u>	
4.	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY.	U/M		
525						<u>80 mi</u>			<u>5.00</u>	<u>400.00</u>
576-S					<u>Ramp Service</u>	<u>1 EA</u>			<u>750.00</u>	<u>750.00</u>
290					<u>Dike</u>	<u>2602</u>			<u>35.00</u>	<u>70.00</u>
385					<u>SD CRT</u>	<u>150 SY</u>			<u>12.00</u>	<u>1800.00</u>
278					<u>Chum Chloride</u>	<u>4 SY</u>			<u>35.00</u>	<u>140.00</u>
279					<u>BEADONITE GEL</u>	<u>3 SY</u>			<u>25.00</u>	<u>75.00</u>
581					<u>SERVICE CRK CRT</u>	<u>150 SY</u>			<u>1.50</u>	<u>225.00</u>
583					<u>DRYWICK</u>	<u>588.8 Tm</u>			<u>1.00</u>	<u>588.80</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
 DATE SIGNED: 05-31-11 TIME SIGNED: 1700
 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 type="checkbox"/> YES	<input type="checkbox"/> NO	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL	<u>4195.70</u>
TOTAL	<u>4195.70</u>

SWIFT OPERATOR: D. Smith
 CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 APPROVAL: _____
 Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 05-31-11 PAGE NO. 1

CUSTOMER BARRDIL WELL NO. 2-3 LEASE ANNA JOB TYPE SURFACE TICKET NO. 19688

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1700							ON LOCATION, RUNNING 8 5/8 CMT: 150SXS STD, 2 1/2 GEL, 3 1/2 CC 1 1/4 @ 202 8 5/8 24" @ 201
	1715							BREAK CIRC
	1730		2.0		✓			H2O SPACER
			36.0		✓			CMT:
			0		✓			SPACER DISP
			7.0		✓			CIRC CMT <u>20SXS TO PIT!</u>
	1745		12.0		✓			END DISP, CLOSE W
	1830							JOB COMPLETE
								THANK YOU! DAVE JOHNS, LAWE

SWIFT



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



Invoice

DATE	INVOICE #
6/5/2011	19720

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	#2-3	Anna	Norton	WW Drilling #8	Oil	Development	PTA	Nick

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	80	Miles	5.00	400.00
576D-P	Pump Charge - PTA	1	Job	750.00	750.00
290	D-Air	3	Gallon(s)	35.00	105.00T
328-4	60/40 Pozmix (4% Gel)	230	Sacks	9.75	2,242.50T
276	Flocele	50	Lb(s)	1.50	75.00T
581D	Service Charge Cement	230	Sacks	1.50	345.00
583D	Drayage	770	Ton Miles	1.00	770.00
	Subtotal				4,687.50
	Sales Tax Norton County			7.05%	170.79
	<p style="text-align: center;">R6/8/2011 P6/8/2011 Anna3 190402 4858.29 Anna 2-3 - Pump Charge, cement + other misc expenses used to plug well</p>				

We Appreciate Your Business!

Total

\$4,858.29



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

TICKET
 19720

PAGE 1 OF 1

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

WELL/PROJECT NO. 42-3 LEASE Anna COUNTY/PARISH Norton STATE KS CITY
 TICKET TYPE SERVICE CONTRACTOR Wrw Hs RIG NAME/NO. SHIPPED VIA DELIVERED TO Location
 WELL TYPE SALES WELL CATEGORY Development JOB PURPOSE PTA WELL PERMIT NO.
 REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
575		1			MILEAGE #111	80	mi			5.00	400.00	
576P		1			Pump Charge (PTA)	1	ea			750.00	750.00	
290		1			D-Air	3	gal			35.00	105.00	
328-4		2			Colo Pozm ix 4% gel	230	shs			9.35	2242.50	
276		2			Flocele	50	#			1.50	75.00	
581		2			Cement Service Charge	230	shs			1.50	345.00	
583		2			Dayage	770	TM			1.00	770.00	

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 6-6-11 TIME SIGNED 0310 A.M. P.M.
 REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				4687
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 type="checkbox"/> YES	<input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				
TOTAL				4858.22

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

JOB LOG

SWIFT Services, Inc.

DATE 6-4-11 PAGE NO. 1

CUSTOMER Baird Oil Co WELL NO. #2-3 LEASE A119 JOB TYPE PTA TICKET NO. 19720

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2230							on loc set up Trk
								4 1/2" D.P.
								1st Plug 3641'
	2310	4.5	0			200		start water
			10/0					start Cement 25sks 6% Poz 4% gel
			7/0					start water
			3/0					start mud
	2325		46					Balanced
								2nd Plug 1835'
			0					start water
	0030	4.5	10/0			200		start Cement 25sks 6% Poz 4% gel
			7/0					start water
			3/0					start mud
	0040		21					Balanced
								3rd Plug 1088'
	0120	4.5	0			150		start Cleaner
		4.5	10/0					start Cement 100sks 6% Poz 4% gel
			27/0					start water
	0130		3					Balanced
								4th Plug 250'
	0200	4	0			100		start water
			3/0					start Cement 40sks 6% Poz 4% gel
			11/0					start water
	0205		1					Balanced
								40'
	0250	2.5	0					start Cement
			3					full
								RH
	0300	2.5	8					Plug RH

Thank you

Nick, Josh F. & Joe

API # 15-137-20560-00-00

GEOLOGICAL REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY Baird Oil Company, LLC.
LEASE Anna # 2-3
FIELD _____
LOCATION 675' FSL + 725' FEL
SEC 3 TWSP 45 RGE 21W
COUNTY Norton STATE Kansas

ELEVATION
KB 2168
DF 2166
GL 2163
Depths Measured From
Log KB Drilling KB

CONTRACTOR WW Drilling Rig # 8
SPUD 5-31-11 COMP 6-5-11
SAMPLES SAVED FROM 3100 TO R.T.D.

CASING
Surface 8 7/8"
Production None
ELECTRIC LOGS
Superior Well Services

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE	E. LOG	DATUM <i>E. Log</i>	A	B	C	D
				●	●	●	
Anhydrite	1821	1820 +	348	+ 363	+ 349	+ 341	
Base Anhydrite	1849	1848 +	320	+ 336	+ 322	+ 313	
Topeka	3167	3166 -	998	- 993	- 992	- 1001	
Heebner	3368	3367 -	1199	- 1196	- 1193	- 1201	
Toronto	3393	3392 -	1224	- 1221	- 1218	- 1227	
Lansing	3409	3408 -	1240	- 1239	- 1233	- 1243	
Base Kansas City	3602	3601 -	1433	- 1425	- 1422	- 1429	
Marmaton	3641	3640 -	1472	- 1462	- 1458	- 1464	
Arbuckle	3662	3661 -	1493			- 1489	
Precambrian Quartzite	3722	3721 -	1553	- 1512			
Granite	3751	3751 -	1583	- 1526	- 1493	- 1522	
Total Depth	3754	3753 -	1585	- 1534	- 1506	- 1535	

REFERENCE WELLS

- A Baird Oil Co., Anna #1-3, 1655' FSL + 740' FEL Sec. 3-45-21W
B Baird Oil Co., Sides/Anna Unit #1-3, 2585' FNL + 1450' FEL Sec. 3-45-21W
C Baird Oil Co., Sides #1-3, 2105' FNL + 2540' FNL Sec. 3-45-21W
D

REMARKS

This well ran 3 feet higher to 7 feet lower on the Lansing top than the nearby Producers. After reviewing P.S.T. and open hole log data it was decided no further testing was warranted. The well was plugged and abandoned.

Richard B. Bell
6-6-11

7502

LEGEND

- Anhydrite

- Salt

- Sandstone

- Shale

- Carb sh

- Limestone

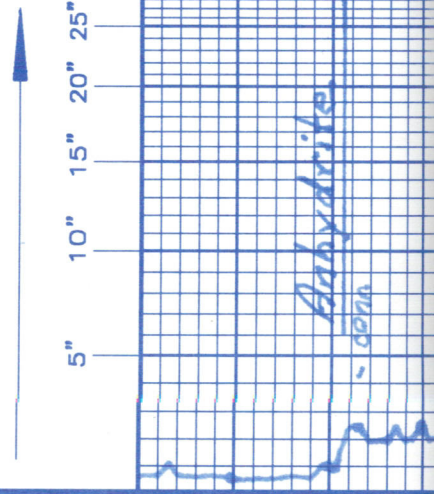
- Ool. Lime

- Chert

- Dolomite


DRILLING TIME IN MINUTES
PER FOOT

Rate of Penetration Decreases



LOG 7710

DEPTH

1800
20

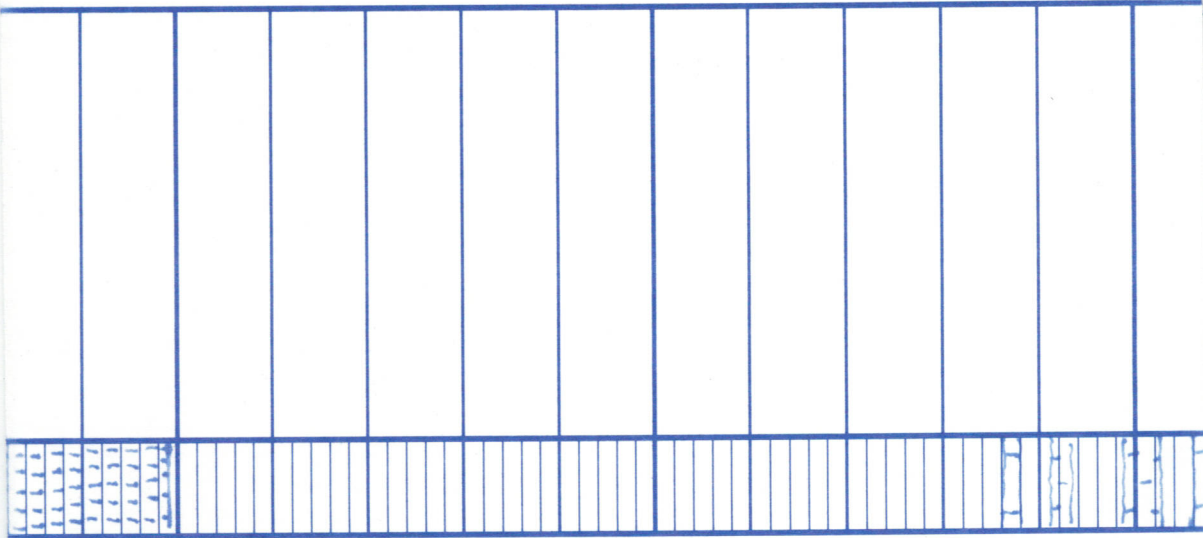
LITHOLOGY

SAMPLE DESCRIPTIONS

OIL SHOWS

REMARKS

Samples are lagged
good samples

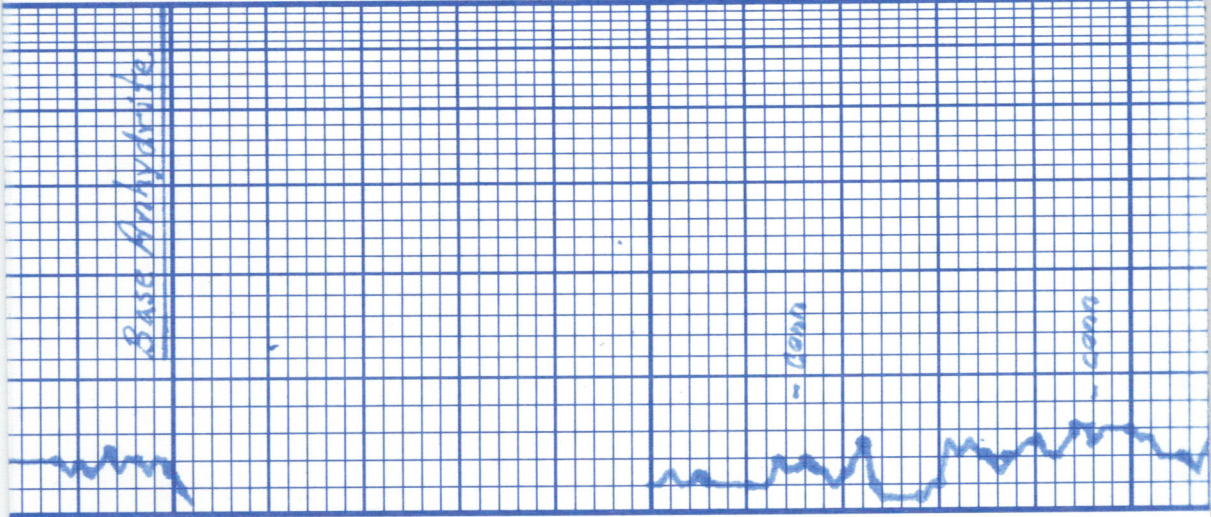


40

3000

20

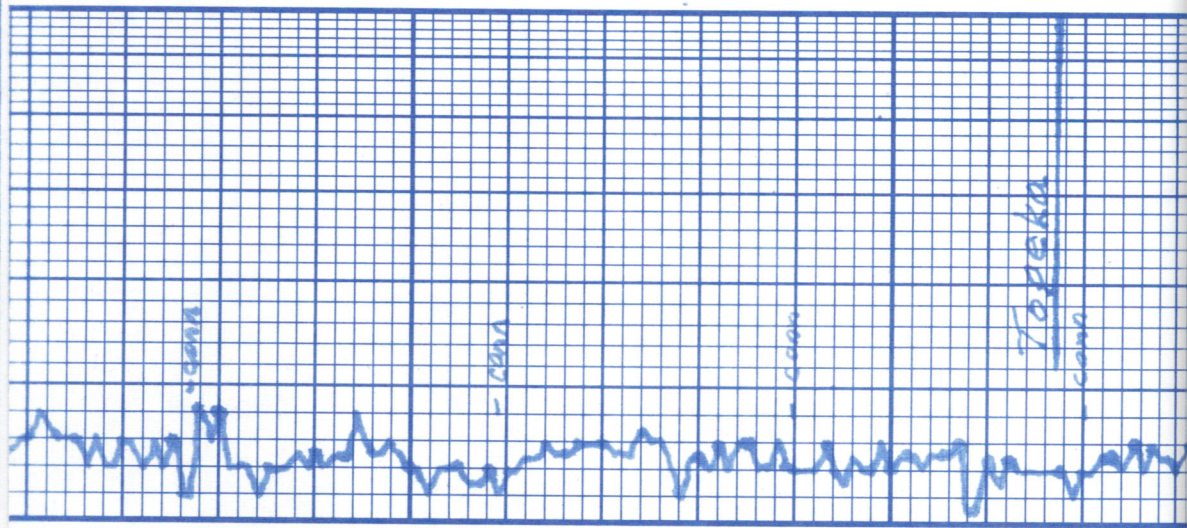
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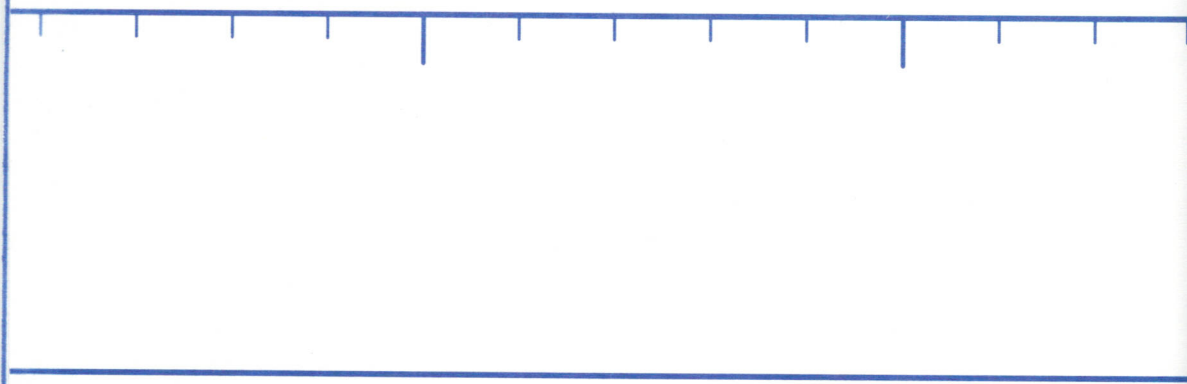
Base Anhydrite

-1000

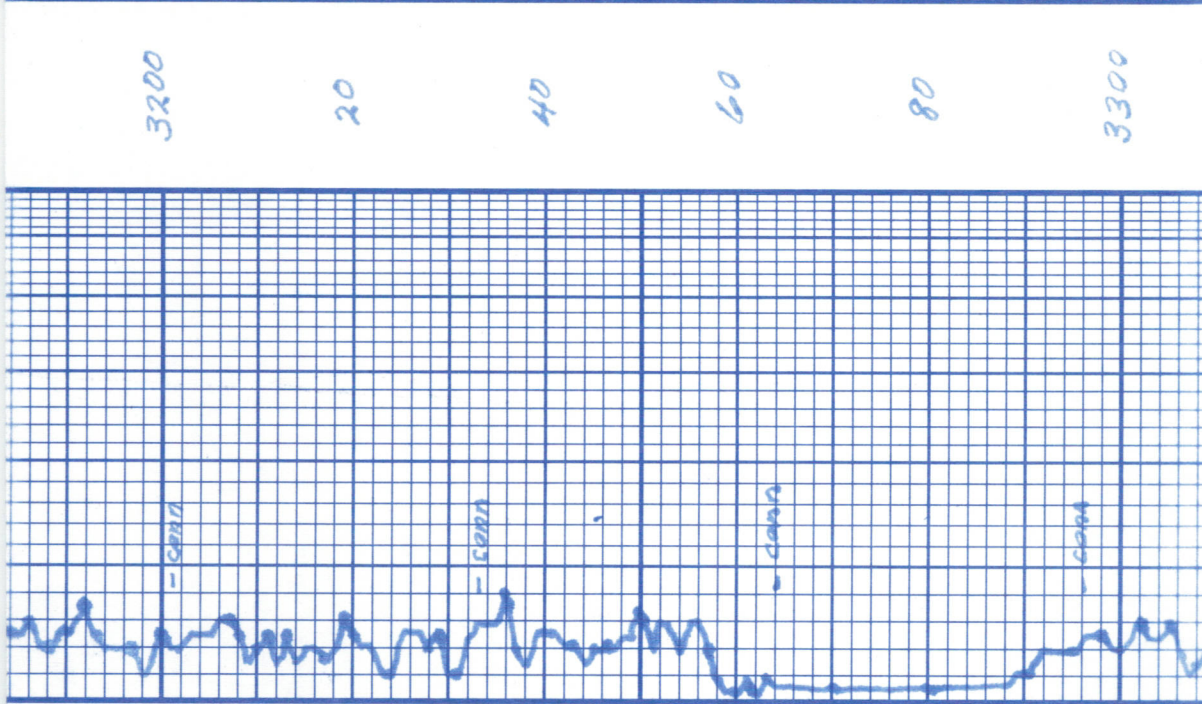
-2000



60		
80		
3100	ls:tn-gry mtd fsif dns	
	sh:grx, brn	
	sltstone: gry, brn	
	ls:wh-ta cky-feln dns	N.S.O.
20	ls:tn-gry mtd fsif dns	
	sh:grx	
40	ls:wh-ta feln-sli-fsif dns	N.S.O.
	ls:wh-ta-gry sli-cky	
	fxln dns N.S.O.	
	ls:tn-gry feln dns	
	sltstone: gry	
	sh:brn, gry	
	ls:wh-ta cky-fsif pr. pp	N.S.O.
80	ls:wh-ta sli-cky-feln	N.S.O.



LS: gry fs/f. dns sh: brn, gry	3200	LS: gry fs/f. dns sh: brn, gry
Sltstone: wh-gry LS: wh-tr, fsh sli.ool pp N.S.	20	Sltstone: wh-gry LS: wh-tr, fsh sli.ool pp N.S.
LS: gry fs/f. dns LS: aa	40	LS: gry fs/f. dns LS: aa
Sh: gry, brn LS: wh-tr cky-fsh ppp N.S.	60	Sh: gry, brn LS: wh-tr cky-fsh ppp N.S.
LS: wh-tr sli.cky-fsh dns A ty tr-brn, br	80	LS: wh-tr sli.cky-fsh dns A ty tr-brn, br
a.a.	3300	a.a.
LS: wh-tr fsh ool ppp N.S. - A wh-tr		LS: wh-tr fsh ool ppp N.S. - A wh-tr
Sh: brn LS: wh-tr - gry fs/f. dns R.T. blk carb. sh		Sh: brn LS: wh-tr - gry fs/f. dns R.T. blk carb. sh
Sh: gry, brn Sltstone: gry, brn		Sh: gry, brn Sltstone: gry, brn
Sh + Sltstone: a.a.		Sh + Sltstone: a.a.
LS: tr fsh - sli-fs/f shly ool pr. ppp N.S.		LS: tr fsh - sli-fs/f shly ool pr. ppp N.S.
sh: brn Sltstone: tr-brn		sh: brn Sltstone: tr-brn



3200

20

40

60

80

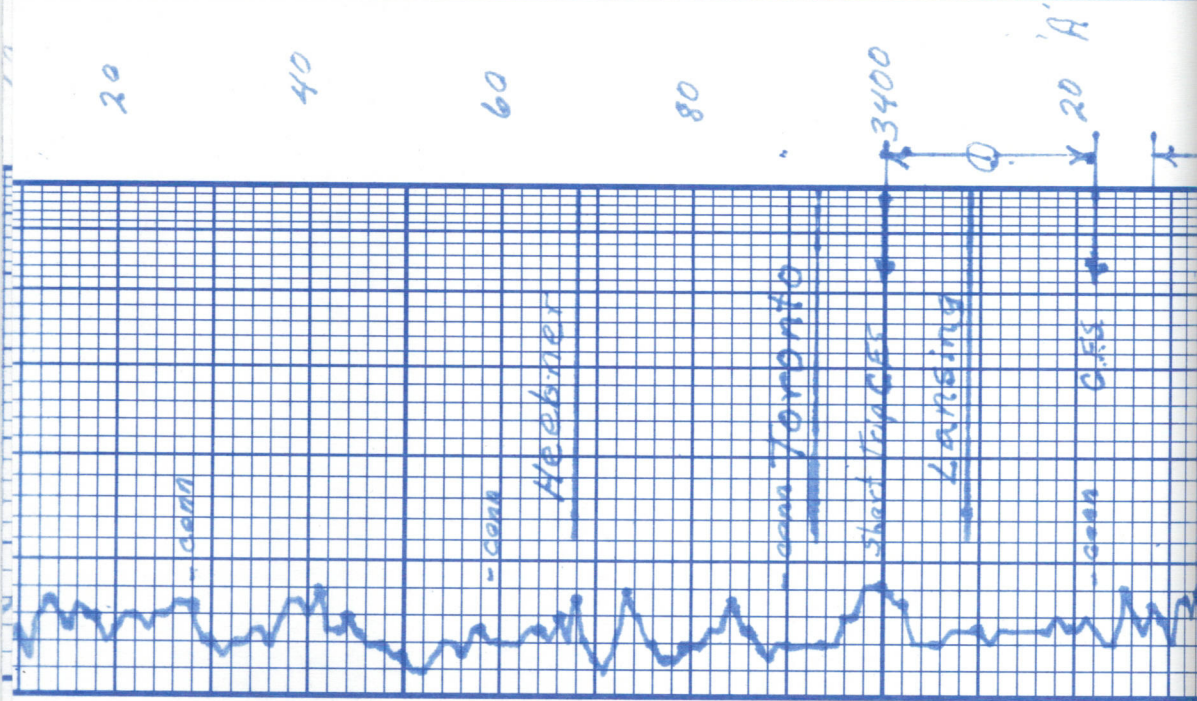
3300

cont

cont

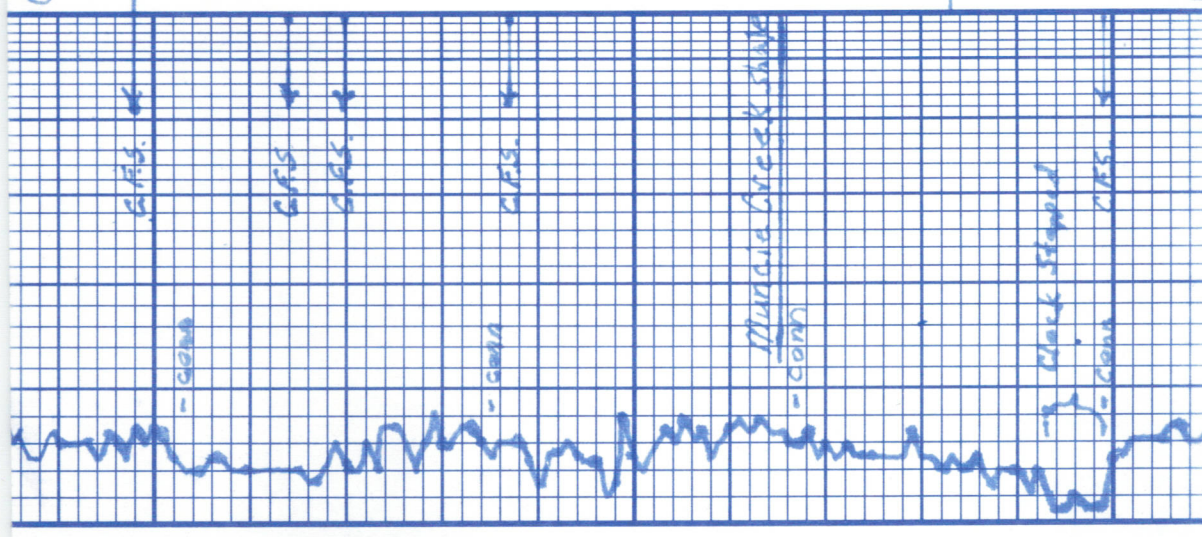
cont

cont



LS: tr-yl fxl sub. oöl dns N.S.O. Tr. Δ tr	Tr. blk carb. sh.	LS: wh-tr sli.cky-fxl sli. oöl dns N.S.O.	LS: wh-tr fxl oöl ppφ N.S.O. Tr. Δ or	Sh. brn siltstone: brn	LS: wh-tr fxl oöl Tr. var φ Tr. ppφ N.S.O.	LS: wh-tr lt. gry slicky- fxln dns	LS: gry. fxl dns Sh: Blk Carb.	LS: tr sli. mtd fsl dns	Sh. brn siltstone: brn	Sh: gry. brn siltstone- gry. brn	LS: wh-tr sli. p. witic fxln sli. oöl Tr. pr ppφ	LS: wh-tr sli.cky-fxl scat. foss. inclus. ppφ- Tr. sli. var φ Lt. o. str ppφ pr. g. ad. or	LS: wh-tr fxl dns	LS: wh-erm fxl dns
---	-------------------	--	--	------------------------	---	---------------------------------------	-----------------------------------	-------------------------	------------------------	-------------------------------------	---	---	-------------------	--------------------

Board 3422.11
 Strap 3421.83
 Diff. .28
 Incline @ 3422.10
 Trilobite Testing
 DST #1 3400-3422
 30-30-0-0
 IF: wk blow in. to 1/4"
 FF: No blow
 Pulled tool
 Recovery: 10' Mud
 HYD: 1703-1650#
 FP: 12-29/32-34#
 BHP: 915#
 BH Temp: 99°F



40 'C'
60
'D'
80
'E/F'
3500
'G'
20
'H'
40
'I'
60

LS: wk-tr fxlh sh.ool w/ass includ ppφ Lt. O. sat fr. bleeding F.O. Sect. Lt. Spthd Stn. f. color Δ wh-trn-gry	shly-brn, gry Sltstone: brn
LS: from above shly-brn, gry Δ Fe/Slt. Wca	LS: brn-gry Sltmild fslh dns N.S.G.
shly-brn, gry	shly-brn, gry
LS: wk-tr fxlh sh.ool ppφ N.S.G. No cut	LS: wk-tr slicky-fxlh sh.ool pr. ppφ fr. Lt. Spthd O Stn. fr ppφ. on crushing
LS: wk-tr sh. gry, fxlh fr. sh.ool mastly dns Rt. Lt Spthd O Stn	sh: B/K Carb LS: gry mtld fslh dns
	sh: gry, shly Sltstone: gry
LS: wk-tr fxlh R trace pr. ppφ N.S.G	LS: aa incr cky sh: gry, brn
	LS: gry fxlh dns

✓

DST #2 3428'-3448'
30-30-0-0
IF: 1/4" blow decr. to surface
FF: No blow
Recovery: 5' Mud
HYD: 1732-1657#
FP: 12-17#
BHP: 376#
BH Temp: 97°F

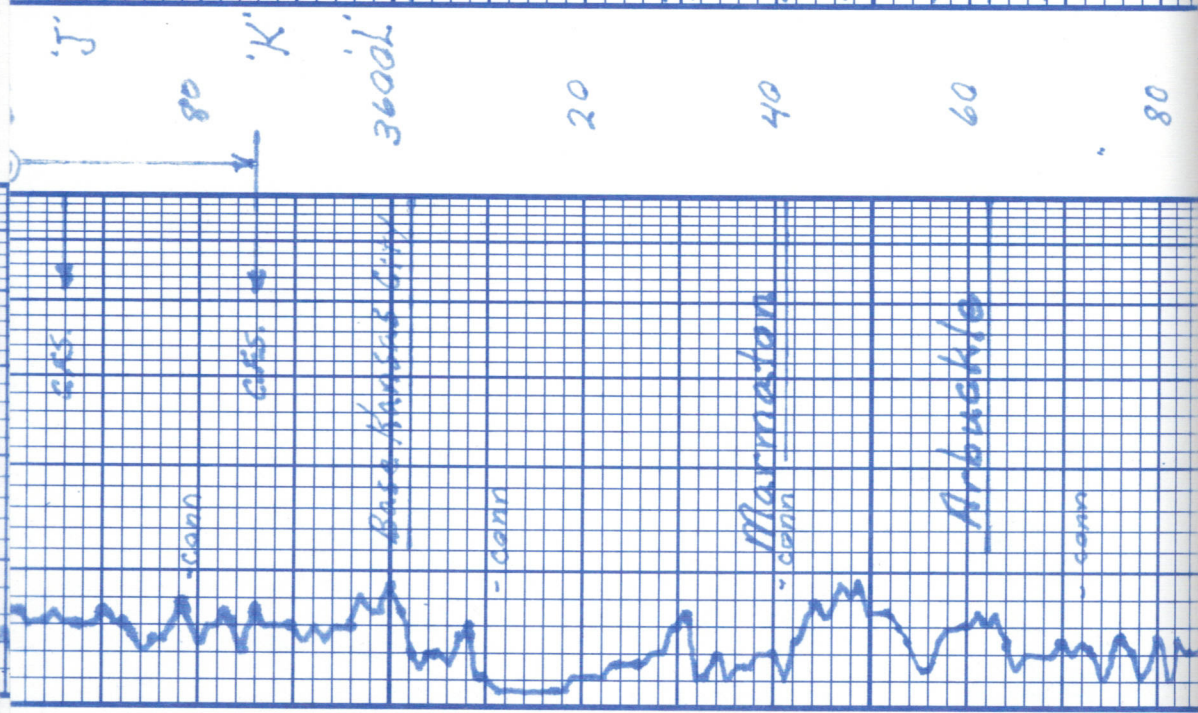
✓

✓

DST #3 3533'-3586'
30-30-30-30
IF: wk. blow incr. to 1"
FF: No blow
Recovery: 62' Total
2' Oil
60' MCO 807.0 202.0 M
HYD: 1769-1744#

EP: 30110
 BHP: 1072-1007#
 BHTemp: 101°F

✓	LS: tn fsh oöl 19yø - ppø drk spidø str pp Thick F.A No odor	Sh: gry, brn
✓	LS: white fsh oöl 1/2 sh: foss incl. pr ppø Tr. Lt. spidø str No odor	Sh: gry, brn
	LS: tn-gry fsh dns	Sh: gry, brn Siltstone: brn
	Sh: gry, brn Siltstone: brn	Sh: gry, brn
	Sh: Siltstone: ga	Sh: gry, brn
	LS: white sh.cky. fsh dns N.S.O.	Sh: gry, brn
	LS: wh. tn-yel fsh - sh:- fsh dns N.S.O.	Sh: gry, brn
	LS: white fsh sub oöl dns	Sh: gry, brn
	Dol: white-yel fsh mostly dns Tr 19yø N.S.O.	Sh: gry, brn
	Dol: wh. tn-yel-brn fsh-nxh Tr 19yø N.S.O.	Sh: gry, brn





DRILL STEM TEST REPORT

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

113 W. Main
PO Box 428
Logan Ks. 67646

ATTN: Rich Bell

3 4s 21w Norton KS

Anna #2-3

Start Date: 2011.06.03 @ 19:00:00

End Date: 2011.06.03 @ 23:26:00

Job Ticket #: 040817 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Baird Oil Company, LLC.

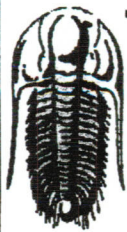
Anna #2-3

3 4s 21w Norton KS

DST # 1

LKC-A

2011.06.03



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Baird Oil Company, LLC.

Anna #2-3

113 W. Main
PO Box 428
Logan Ks. 67646
ATTN: Rich Bell

3 4s 21w Norton KS

Job Ticket: 040817 DST#: 1

Test Start: 2011.06.03 @ 19:00:00

GENERAL INFORMATION:

Formation: **LKC-A**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:50:00
Time Test Ended: 23:26:00

Test Type: Conventional Bottom Hole
Tester: Chuck Kreutzer Jr.
Unit No: 36

Interval: **3400.00 ft (KB) To 3422.00 ft (KB) (TVD)**
Total Depth: 3422.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2168.00 ft (KB)
2163.00 ft (CF)
KB to GR/CF: 5.00 ft

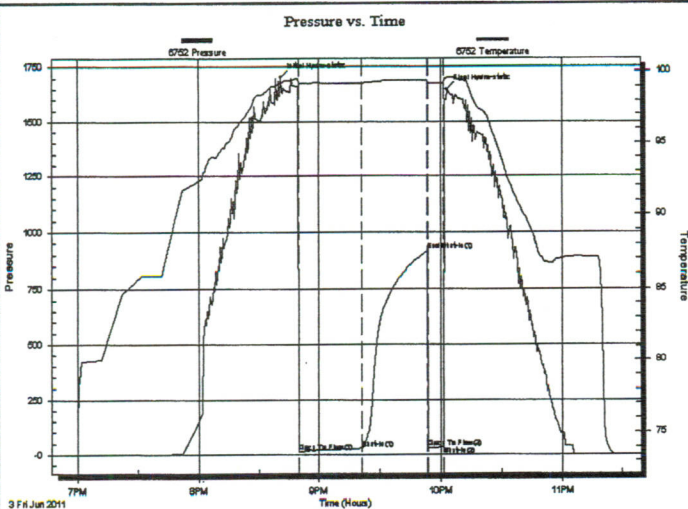
Serial #: 6752

Inside

Press@RunDepth: 28.91 psig @ 3401.00 ft (KB)
Start Date: 2011.06.03 End Date: 2011.06.03
Start Time: 19:00:05 End Time: 23:25:59

Capacity: 8000.00 psig
Last Calib.: 2011.06.03
Time On Btrm: 2011.06.03 @ 20:41:00
Time Off Btrm: 2011.06.03 @ 22:03:00

TEST COMMENT: IF: Weak blow, Built to 1 1/4 in. over 30 mins.
IS: No blow back over 30 mins.
FF: No blow over 5 mins.
---Pulled tool----



PRESSURE SUMMARY

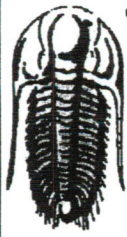
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1703.45	99.26	Initial Hydro-static
9	12.06	99.28	Open To Flow (1)
40	28.91	99.23	Shut-In(1)
73	914.90	99.40	End Shut-In(1)
73	32.11	99.24	Open To Flow (2)
81	34.16	99.22	Shut-In(2)
82	1649.65	99.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud	0.05

Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mscfd)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company, LLC.

Anna #2-3

113 W. Main
PO Box 428
Logan Ks. 67646
ATTN: Rich Bell

3 4s 21w Norton KS

Job Ticket: 040817

DST#: 1

Test Start: 2011.06.03 @ 19:00:00

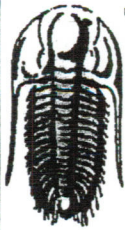
Tool Information

Drill Pipe:	Length: 3267.00 ft	Diameter: 3.80 inches	Volume: 45.83 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 50000.00 lb
		Total Volume: 46.42 bbl		Tool Chased 2.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3400.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 ft			
Tool Length:	42.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			3385.00	
Hydraulic tool	5.00			3390.00	
Packer	5.00			3395.00	20.00 Bottom Of Top Packer
Packer	5.00			3400.00	
Stubb	1.00			3401.00	
Recorder	0.00	6752	Inside	3401.00	
Recorder	0.00	8651	Outside	3401.00	
Perforations	18.00			3419.00	
Bullnose	3.00			3422.00	22.00 Bottom Packers & Anchor
Total Tool Length:	42.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC.

Anna #2-3

113 W. Main
PO Box 428
Logan Ks. 67646
ATTN: Rich Bell

3 4s 21w Norton KS

Job Ticket: 040817 **DST#: 1**

Test Start: 2011.06.03 @ 19:00:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 68.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 600.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud	0.049

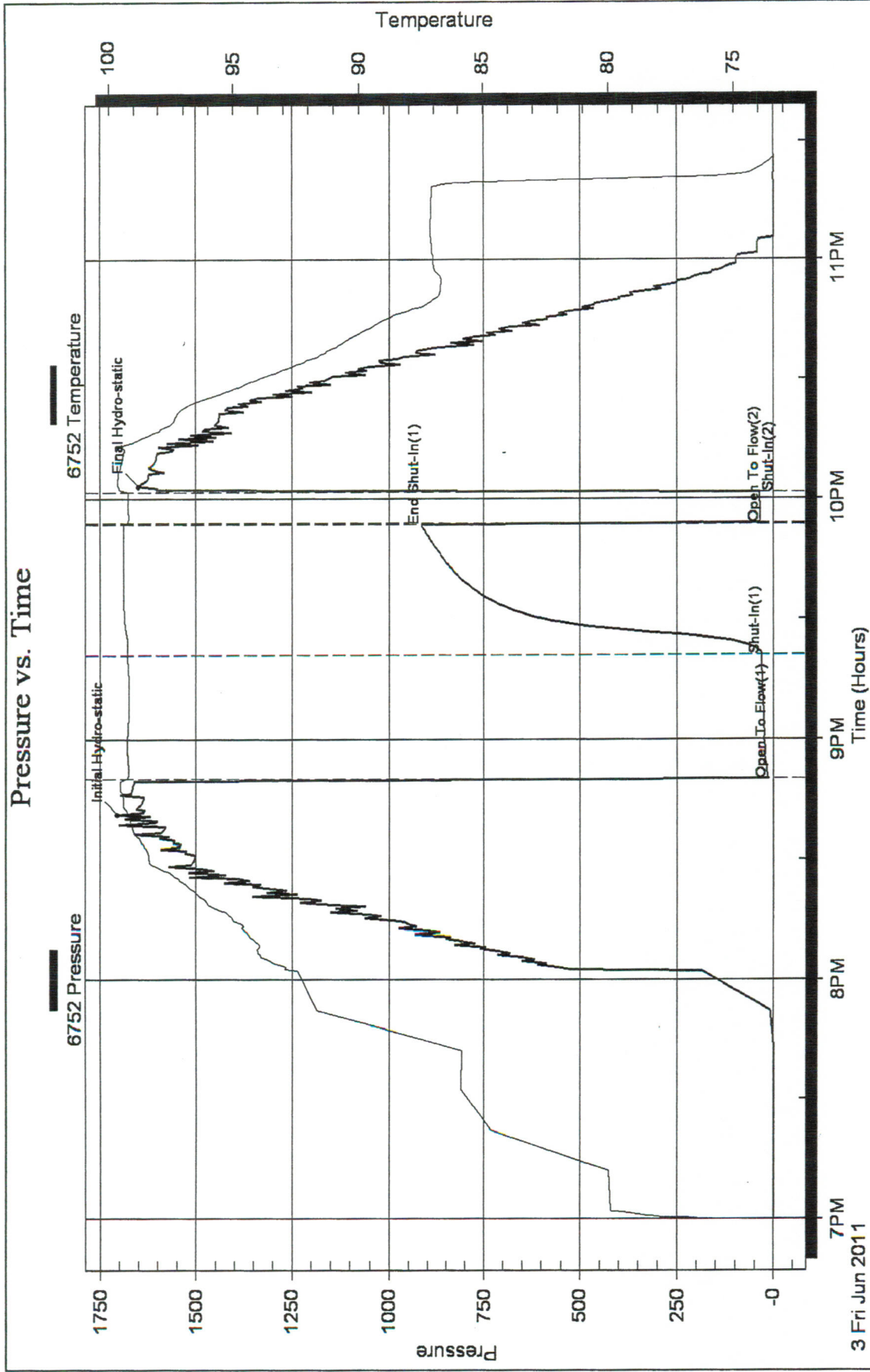
Total Length: 10.00 ft Total Volume: 0.049 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

113 W. Main
PO Box 428
Logan Ks. 67646

ATTN: Rich Bell

3 4s 21w Norton KS

Anna #2-3

Start Date: 2011.06.04 @ 05:15:00

End Date: 2011.06.04 @ 09:11:00

Job Ticket #: 040818 DST #: 2

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Baird Oil Company, LLC.

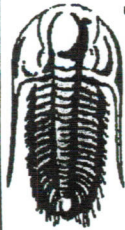
Anna #2-3

3 4s 21w Norton KS

DST # 2

LKC-C

2011.06.04



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Baird Oil Company, LLC.

Anna #2-3

113 W. Main
PO Box 428
Logan Ks. 67646
ATTN: Rich Bell

3 4s 21w Norton KS

Job Ticket: 040818 **DST#: 2**

Test Start: 2011.06.04 @ 05:15:00

GENERAL INFORMATION:

Formation: **LKC-C**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:58:30
Time Test Ended: 09:11:00

Test Type: Conventional Bottom Hole
Tester: Chuck Kreutzer Jr.
Unit No: 36

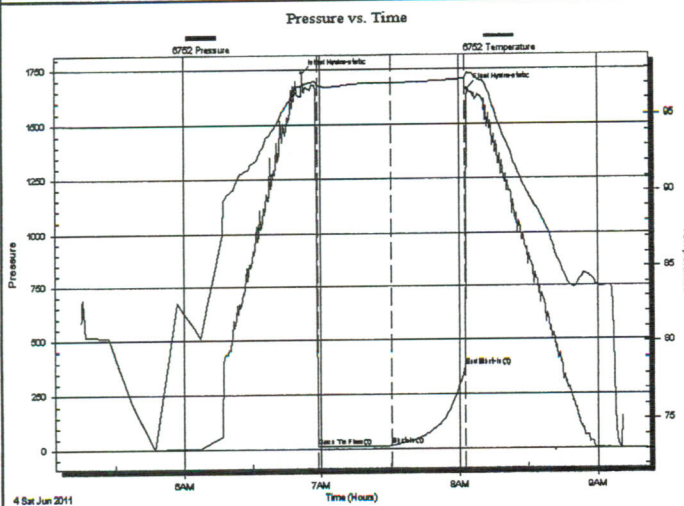
Interval: **3428.00 ft (KB) To 3448.00 ft (KB) (TVD)**
Total Depth: 3448.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2168.00 ft (KB)
2163.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6752 Inside
Press@RunDepth: 17.06 psig @ 3429.00 ft (KB)
Start Date: 2011.06.04 End Date: 2011.06.04
Start Time: 05:15:05 End Time: 09:11:00

Capacity: 8000.00 psig
Last Calib.: 2011.06.04
Time On Btm: 2011.06.04 @ 06:52:00
Time Off Btm: 2011.06.04 @ 08:03:30

TEST COMMENT: IF: Weak blow, Built to 1/8 in. Died back to surface over 30 mins.
IS: No blow back over 30 mins.



PRESSURE SUMMARY

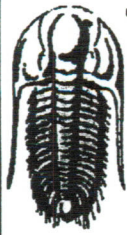
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1731.52	96.91	Initial Hydro-static
7	12.28	96.96	Open To Flow (1)
39	17.06	97.05	Shut-In(1)
71	376.40	97.32	End Shut-In(1)
72	1657.04	97.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud-100%	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company, LLC.

Anna #2-3

113 W. Main
PO Box 428
Logan Ks. 67646
ATTN: Rich Bell

3 4s 21w Norton KS

Job Ticket: 040818 **DST#: 2**

Test Start: 2011.06.04 @ 05:15:00

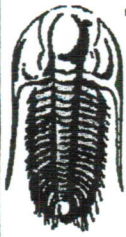
Tool Information

Drill Pipe:	Length: 3298.00 ft	Diameter: 3.80 inches	Volume: 46.26 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 55000.00 lb
		Total Volume: 46.85 bbl		Tool Chased 2.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3428.00 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
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			3413.00	
Hydraulic tool	5.00			3418.00	
Packer	5.00			3423.00	20.00 Bottom Of Top Packer
Packer	5.00			3428.00	
Stubb	1.00			3429.00	
Recorder	0.00	6752	Inside	3429.00	
Recorder	0.00	8651	Outside	3429.00	
Perforations	16.00			3445.00	
Bullnose	3.00			3448.00	20.00 Bottom Packers & Anchor
Total Tool Length:	40.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC.

Anna #2-3

113 W. Main
PO Box 428
Logan Ks. 67646
ATTN: Rich Bell

3 4s 21w Norton KS

Job Ticket: 040818 **DST#: 2**

Test Start: 2011.06.04 @ 05:15:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 68.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 600.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud-100%	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 6752

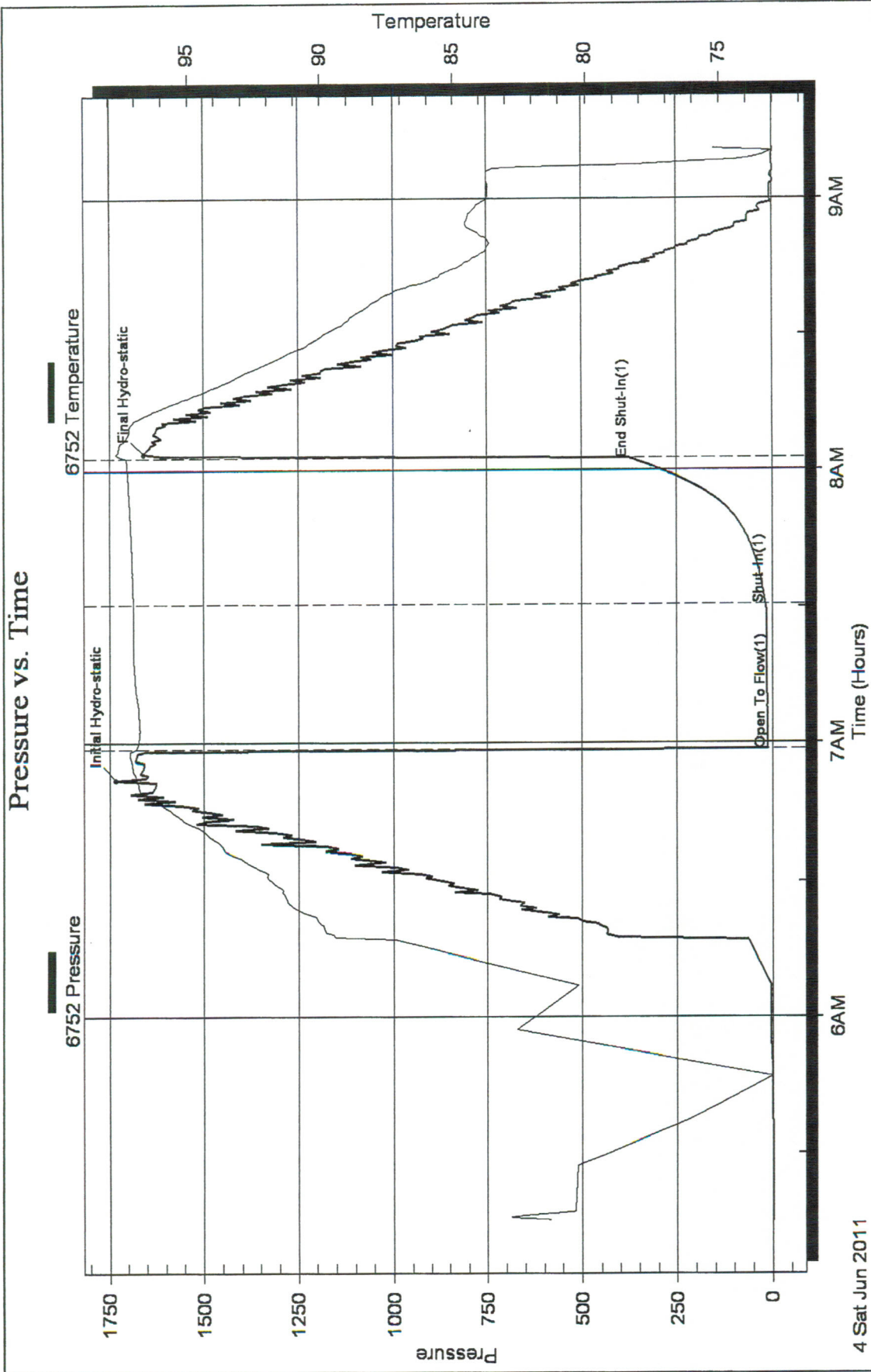
Inside

Baird Oil Company, LLC

3.4s 21w Norton KS

DST Test Number: 2

Pressure vs. Time





DRILL STEM TEST REPORT

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

113 W. Main
PO Box 428
Logan Ks. 67646

ATTN: Rich Bell

3 4s 21w Norton KS

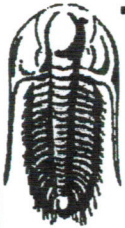
Anna #2-3

Start Date: 2011.06.05 @ 00:10:00

End Date: 2011.06.05 @ 05:53:30

Job Ticket #: 040819 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 #2-3

113 W. Main
PO Box 428
Logan Ks. 67646
ATTN: Rich Bell

3 4s 21w Norton KS

Job Ticket: 040819 **DST#: 3**
Test Start: 2011.06.05 @ 00:10:00

GENERAL INFORMATION:

Formation: **LKC-I,J,K**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:58:30
Time Test Ended: 05:53:30

Test Type: Conventional Bottom Hole
Tester: Chuck Kreutzer Jr.
Unit No: 36

Interval: **3533.00 ft (KB) To 3586.00 ft (KB) (TVD)**
Total Depth: 3586.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2168.00 ft (KB)
2163.00 ft (CF)
KB to GR/CF: 5.00 ft

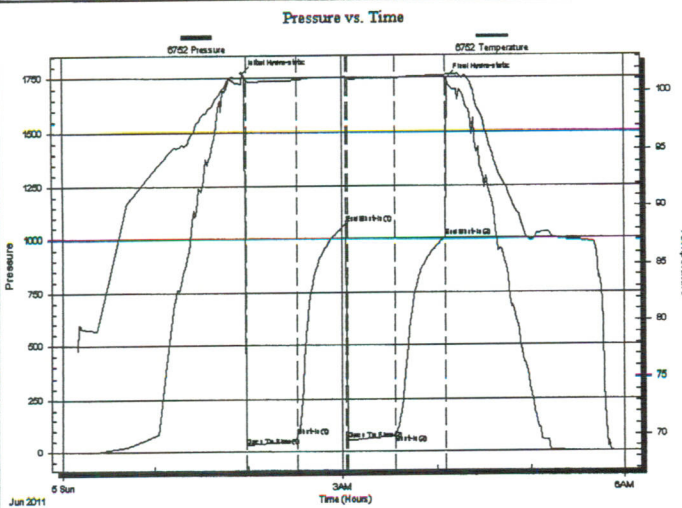
Serial #: 6752

Inside

Press@RunDepth: 77.48 psig @ 3537.50 ft (KB)
Start Date: 2011.06.05 End Date: 2011.06.05
Start Time: 00:10:05 End Time: 05:53:29

Capacity: 8000.00 psig
Last Calib.: 2011.06.05
Time On Btm: 2011.06.05 @ 01:56:00
Time Off Btm: 2011.06.05 @ 04:06:30

TEST COMMENT: IF: Weak blow, built to 1 in. over 30 mins.
IS: No blow back over 30 mins.
FF: No blow over 30 mins.
FS: No blow back 30 mins.



PRESSURE SUMMARY

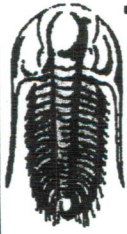
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1768.65	101.21	Initial Hydro-static
3	29.87	100.96	Open To Flow (1)
36	74.31	100.99	Shut-In(1)
67	1071.83	101.24	End Shut-In(1)
68	56.49	101.06	Open To Flow (2)
97	77.48	101.12	Shut-In(2)
130	1007.02	101.34	End Shut-In(2)
131	1743.54	101.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	HMCO-20% μ m80% ω	0.30
2.00	oil-100%	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 #2-3

113 W. Main
PO Box 428
Logan Ks. 67646
ATTN: Rich Bell

3 4s 21w Norton KS

Job Ticket: 040819 **DST#: 3**

Test Start: 2011.06.05 @ 00:10:00

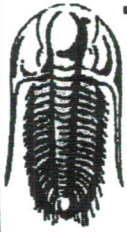
Tool Information

Drill Pipe:	Length: 3422.00 ft	Diameter: 3.80 inches	Volume: 48.00 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 50000.00 lb
		Total Volume: 48.59 bbl		Tool Chased 2.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3533.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	53.00 ft			
Tool Length:	73.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3518.00	
Hydraulic tool	5.00			3523.00	
Packer	5.00			3528.00	20.00 Bottom Of Top Packer
Packer	5.00			3533.00	
Stubb	1.00			3534.00	
Perforations	3.00			3537.00	
Change Over Sub	0.50			3537.50	
Recorder	0.00	6752	Inside	3537.50	
Recorder	0.00	8651	Outside	3537.50	
Blank Spacing	29.00			3566.50	
Change Over Sub	0.50			3567.00	
Perforations	16.00			3583.00	
Bullnose	3.00			3586.00	53.00 Bottom Packers & Anchor

Total Tool Length: 73.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC.

Anna #2-3

113 W. Main
PO Box 428
Logan Ks. 67646
ATTN: Rich Bell

3 4s 21w Norton KS

Job Ticket: 040819 **DST#: 3**

Test Start: 2011.06.05 @ 00:10:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 900.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	HMCO-20% m80%o	0.295
2.00	oil-100%	0.010

Total Length: 62.00 ft Total Volume: 0.305 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 6752

Inside

Baird Oil Company, LLC.

3 4s 21w Norton KS

DST Test Number: 3

Pressure vs. Time

