

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form AGO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

1/12/13

OPERATOR: License # 32819
Name: Baird Oil Company LLC
Address 1: Po Box 428
Address 2: _____
City: Logan State: KS Zip: 67646 + _____
Contact Person: Jim R. Baird
Phone: (785) 689-7456
CONTRACTOR: License # 33575
Name: WW Drilling, LLC
Wellsite Geologist: Richard Bell
Purchaser: Coffeyville Resources

Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover
 Oil _____ SWD _____ SIOW
_____ Gas _____ ENHR _____ SIGW
_____ CM (Coal Bed Methane) _____ Temp. Abd.
_____ Dry _____ Other _____
(Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
_____ Deepening _____ Re-perf. _____ Conv. to Enhr. _____ Conv. to SWD
_____ Plug Back: _____ Plug Back Total Depth
_____ Commingled _____ Docket No.: _____
_____ Dual Completion _____ Docket No.: _____
_____ Other (SWD or Enhr.?) _____ Docket No.: _____
Nov. 15, 2010 Nov. 22, 2010 Dec. 6, 2010
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 137-20537-0000
Spot Description:
SE/4 SW/4 SW/4 NW/4 Sec. 36 Twp. 3 S. R. 22 East West
2600 Feet from North / South Line of Section
430 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Norton
Lease Name: Esslinger-Graham Unit Well #: 1-36
Field Name: Wildcat
Producing Formation: Lansing
Elevation: Ground: 2297 Kelly Bushing: 2302
Total Depth: 3780 Plug Back Total Depth: 3710
Amount of Surface Pipe Set and Cemented at: 214 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1991 Feet
If Alternate II completion, cement circulated from: _____
feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan AT # NS 1-24-11
(Data must be collected from the Reserve Pit)
Chloride content: 1900 ppm Fluid volume: 500 bbls
Dewatering method used: Evaporation
Location of fluid disposal if hauled offsite:
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.
Signature: Jim R. Baird
Title: President Date: 1/12/11
Subscribed and sworn to before me this 12th day of JANUARY,
20 11.
Notary Public: Robert B. Hartman
Date Commission Expires: 3/29/11

KCC Office Use ONLY
 Letter of Confidentiality Received 1/12/11 - 1/12/13
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
_____ UIC Distribution
RECEIVED
JAN 13 2011

ROBERT B. HARTMAN
Notary Public
State of Kansas
My Appt. Exp. 3/29/11

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KCC
JAN 12 2011
CONFIDENTIAL

Operator Name: Baird Oil Company LLC Lease Name: Esslinger-Graham Unit Well #: 1-36
 Sec. 36 Twp. 3 S. R. 22 East West County: Norton

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: RAG & MICRO	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1979</td> <td>+323</td> </tr> <tr> <td>Topeka</td> <td>3291</td> <td>-989</td> </tr> <tr> <td>Heebner</td> <td>3489</td> <td>-1187</td> </tr> <tr> <td>Toronto</td> <td>3515</td> <td>-1213</td> </tr> <tr> <td>Lansing</td> <td>3531</td> <td>-1229</td> </tr> <tr> <td>BKC</td> <td>3715</td> <td>-1413</td> </tr> <tr> <td>TD</td> <td>3780</td> <td>-1478</td> </tr> </table>	Name	Top	Datum	Anhydrite	1979	+323	Topeka	3291	-989	Heebner	3489	-1187	Toronto	3515	-1213	Lansing	3531	-1229	BKC	3715	-1413	TD	3780	-1478
Name	Top	Datum																							
Anhydrite	1979	+323																							
Topeka	3291	-989																							
Heebner	3489	-1187																							
Toronto	3515	-1213																							
Lansing	3531	-1229																							
BKC	3715	-1413																							
TD	3780	-1478																							

CASING RECORD <input checked="" 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
Surface	12 1/4"	8 5/8"	24	214	Standard	150	3%cc,2%gel
Production	7 7/8"	5 1/2"	14	3779	60/40 Poz	465	SMD 3/4# flocele

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3562-3565	250 gallons 15% MCA	
4	3577-3582	250 gallons 15% MCA	
4	3598-3602	250 gallons 15% MCA	

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TUBING RECORD: Size: <u>2 3/8"</u> Set At: <u>3690</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First. Resumed Production, SWD or Enhr. January 1, 2011	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls. <u>100</u>	Gas Mcf _____ Water Bbls. <u>none</u> Gas-Oil Ratio _____ Gravity <u>26</u>

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 <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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SWIFT



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



Invoice

DATE	INVOICE #
11/29/2010	19246

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

KCC • Acidizing
JAN 12 2011 • Cement
CONFIDENTIAL • Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-36	Esslinger Unit	Norton		Oil	Development	CMT:Port Collar	

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	40	Miles	5.00	200.00
576D-D	Pump Charge - Deep Surface (> 500 Ft.) & Port Collars	1	Job	1,100.00	1,100.00
290	D-Air	2	Gallon(s)	35.00	70.00T
104	Port Collar Tool Rental		Each	200.00	200.00T
330	Swift Multi-Density Standard (MIDCON II)	190	Sacks	15.00	2,850.00T
276	Flocele	60	Lb(s)	1.50	90.00T
581D	Service Charge Cement	225	Sacks	1.50	337.50
583D	Drayage	898.8	Ton Miles	1.00	898.80
	Subtotal				5,746.30
	Sales Tax Norton County			7.05%	226.31
	<p>R12/6/2010 P12/7/2010 Ess/Grah 190402 5672.61 Esslinger/Graham Unit 1-36 - Pump charge, cement & other misc expenses used to cement port collar</p> <p>Ess/Grah 190402 300.00 Esslinger/Graham Unit 1-36 - Rental of port collar & man who cementing port collar</p>				

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KCC WICHITA

12/7/2010
CK #10454

Thank You For Your Business & Best Wishes For A Wonderful Holiday Season!!	Total	\$5,972.61
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CHARGE TO: BAIROOK
 ADDRESS _____
 CITY, STATE, ZIP CODE _____

KCG
 JAN 12 2011
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 KCG WICHITA

TICKET
 19246

PAGE 1 OF 1

SERVICE LOCATIONS 1. <u>HAYS</u>	WELL/PROJECT NO. <u>136</u>	LEASE <u>ESSINGER UNIT</u>	COUNTY/DISTRICT <u>NORTON</u>	STATE <u>KS</u>	CITY	DATE <u>11-29-10</u>	OWNER
2. <u>NESS</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>1416 1/2 W. Elm St. Hays, KS</u>	ORDER NO.	
3.	WELL TYPE <u>OIL</u>	WELL CATEGORY <u>Develop</u>	JOB PURPOSE <u>CMT: PORT COLLAR</u>	WELL PERMIT NO.	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
575		1			MILEAGE #112	40		MI		5.00	200	00
576-D		1			Pump Service	1		EA		1100.00	1100	00
290		1			D-Air	2		GAZ		35.00	70	00
129		1			PORT COLLAR TOOL RENTAL	1		EA	5'x1/2"	200.00	200	00
330		2			SAND CMT	190		SB		15.00	2850	00
276		2			FLOSOLE	60		LB		1.50	90	00
581		2			SERVICE CHG CMT	225		SY		1.50	337	50
583		2			DRAVAGE	898.8		TN		1.00	898	80

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 Deon Hambrick
 DATE SIGNED 11-29-10 TIME SIGNED 1200 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	5746	30
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?				TAX	7.05	22631
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	5972	61
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND						

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket
 SWIFT OPERATOR David APPROVAL _____

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 11-29-10 PAGE NO. 1

CUSTOMER BARN OIL WELL NO. 1-36 LEASE ESSLINGER UNIT JOB TYPE CMT: P&T COLUMN TICKET NO. 19246

CHART NO.	TIME	RATE (BPM)	VOLUME (BBU/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1200							ONLOCATION CMT: 225 SMD 1/4" FLOWLINE 2 ^{3/4} P&T 1/2 P.C. @ 1991
	1305					1000	1000	PSI TEST OPEN P.C. KCC JAN 12 2011 CONFIDENTIAL
	1315	4.5	4.0	✓		800		TNT RATE 1/4 H2O
		4.0	0	✓		700		START PK MUD 4 Sbb. SLOW CIRC
			80	✓				WATSON MORE MUD
			160	✓				GETTING GOOD CIRC 110 bbls
	1500	4.0	0	✓		700		START CMT w/ COTTON SEED HULLS
			94	✓				CIRC CMT TO PIT
			100	✓				MIX 225 SMD @ 14.0 #/GAL
			0	✓				START DISP 1/4 H2O
	1530		6.7	✓				END 190 SMD 15 SMD STOP PIT!
	1535			✓		1100	1100	CLOSE P.C. PSI TEST
	1545	2.7	0	✓		250		RUN 5 JOINTS REV. OUT
			7.0	✓				1ST FLG
			11.0	✓				2ND FLG
			25.0	✓				ALL CLEAN
	1600							JOB COMPLETE THANK YOU! DAVE JESUD, JEE

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



Invoice

DATE	INVOICE #
11/22/2010	19316

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

- Acidizing
- Cement
- Tool Rental

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TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-36	Esslinger-Gra...	Norton	WW Drilling #8	Oil	Development	Longstring	
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
221	Liquid KCL (Clayfix)				2	Gallon(s)	25.00	50.00
280	Flocheck 21				500	Gallon(s)	2.50	1,250.00T
290	D-Air				2	Gallon(s)	35.00	70.00T
402-5	5 1/2" Centralizer				11	Each	55.00	605.00T
403-5	5 1/2" Cement Basket				1	Each	200.00	200.00T
404-5	5 1/2" Port Collar				1	Each	1,900.00	1,900.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	225.00	225.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	275.00	275.00T
411-5	5 1/2" Recipo Scratcher				40	Each	45.00	1,800.00T
325	Standard Cement				200	Sacks	12.00	2,400.00T
326	60/40 Pozmix (2% Gel)				40	Sacks	9.50	380.00T
276	Flocele				50	Lb(s)	1.50	75.00T
277	Gilsonite (Coal Seal)				480	Lb(s)	0.40	192.00T
283	Salt				850	Lb(s)	0.15	127.50T
285	CFR-1				100	Lb(s)	4.00	400.00T
581D	Service Charge Cement				240	Sacks	1.50	360.00
583D	Drayage				936	Ton Miles	1.00	936.00
	Subtotal							13,045.50
	Sales Tax Norton County						7.05%	697.91

R 11/26/2010
P 11/26/2010
Essl/Grah 190402 1374341
Esslinger/Graham Unit 1-36 - Pump
Charge, cement + other misc
expenses used to cement production casing

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Thank You For Your Business & Best Wishes For A Wonderful Holiday Season!!	Total	\$13,743.41
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CHARGE TO: **Baird Oil Co**
 ADDRESS: **KCC**
 CITY, STATE, ZIP CODE: **JAN 12 2011**
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TICKET
 19316

PAGE 1 OF 2

SERVICE LOCATIONS
 1. **Ness, Kas**
 2. **Ness City, Kas**
 3.
 4. REFERRAL LOCATION

WELL/PROJECT NO. **#1-36**
 LEASE **Eschinger - Graham Unit**
 COUNTY/PARISH **Norton**
 STATE **KS**
 CITY
 DATE **11-22-10**
 OWNER **same**

TICKET TYPE SERVICE SALES
 CONTRACTOR **Wow #8**
 RIG NAME/NO.
 SHIPPED VIA **ET**
 DELIVERED TO **Location**
 ORDER NO.

WELL TYPE **oil**
 WELL CATEGORY **development**
 JOB PURPOSE **Longstring**
 WELL PERMIT NO.
 WELL LOCATION

INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #11	80	mi			5.00	400.00
578		1			Pump Charge (Longstring)	1	ea	3779	'	1400.00	1400.00
221		1			KCC	2	gal			25.00	50.00
280		1			Flocheck-21	510	gal			2.50	1250.00
280		1			D-Air	2	gal			35.00	70.00
402		1			Centralizers	11	ea	5 1/2"		55.00	605.00
403		1			Basket	1	ea			200.00	200.00
404		1			Port Collar	1	ea			1900.00	1900.00
406		1			L.D. Plug & Baffle	1	ea			225.00	225.00
407		1			Insert Float Shoe w/Fill	1	ea			275.00	275.00
411		1			Reciprocating Scrubbers	40	ea			45.00	1800.00

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

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

X **Richard Bell**
 DATE SIGNED **11-22-10** TIME SIGNED **1100** 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	AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				8175	100
WE UNDERSTOOD AND MET YOUR NEEDS?				4870	50
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				13045	50
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Norton TAX 7.05%	697.91
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	13743.41
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

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

Thank You!



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

TICKET CONTINUATION

TICKET No. **19316**

CUSTOMER **Baird Oil Co** WELL **Eslinger / Graham Unit 1-36** DATE **11-22-40** PAGE **2** OF **2**

LINE NO.	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL				DATE	PAGE	OF
		QTY	UNIT	PRICE			AMOUNT	QTY	UNIT	PRICE			
325		2				Standard Cement	200	sk			12.00	2400.00	
326		2				60/20 mix 2% gel	40	sk			9.50	380.00	
276		2				Flocele	50	FR	1/4	FR	1.50	75.00	
277		2				Gilsonite	450	#	1/2	FR	.40	192.00	
283		2				salt	850	#	1/8	FR	.15	127.50	
285		2				CFR-1	100	#	1/5	FR	4.00	400.00	
581		2				SERVICE CHARGE					1.00	260.00	
587		2				TOTAL WEIGHT	23400				1.00	236.00	
						LOADED MILES	80				936	936.00	
						CUBIC FEET							
						TON MILES							

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4870

JOB LOG

SWIFT Services, Inc.

DATE 11-22-10 PAGE NO. 1

CUSTOMER Bald Oil Co. WELL NO. 416 LEASE Eslinger Graham Unit JOB TYPE Long string TICKET NO. 19316

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0515							on loc 4/FE
								RTD 3779'
								5 1/2" x 15.5# x 3781' x 40'
								Leads 2-11, 42
								Back 43
								P.C. 43 @ 1991'
								KCC
								JAN 12 2011
	0700							start FE
	0845							Break Circ
	0955	2.5	7					Plug RH
	1000	4.5	0					150 Start KCL Flush
		4.5	15/0					150 start Flocheck-21
		4.5	12/0					150 start KCL
		5.5	5/0					200 Start Lead Cement
		5.5	6/0					200 start Tail Cement
	1015		43					End Cement
								wash P/L
								Drop Plug
		6	0					200 start Displacement
		5	62					300 Catch Cement
			89					700/1400 Land Plug
								Release pressure
								Float Held

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Thank you
Nick, Josh F. + Rob

SWIFT



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



Invoice

DATE	INVOICE #
11/15/2010	19311

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

- Acidizing
- Cement
- Tool Rental **KCC**

JAN 12 2011
CONFIDENTIAL

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-36	Esslinger-Gra...	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.) - 214 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
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				589	Ton Miles	1.00	589.00
	Subtotal							4,049.00
	Sales Tax Norton County						7.05%	146.99
	<p>R 11/17/2010 P 11/17/2010 EsslGrah 190402 4195.99 Esslinger/Graham Unit 1-36 - Pump Charge, Cement + other misc used to cement surface casing</p>							
							11/17/2010 ex #10374	

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Thank You For Your Business!	Total	\$4,195.99
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CHARGE TO: *Baird Oil Co.*
 ADDRESS: *KCC*
 CITY, STATE, ZIP CODE: *JAN 12 2011*
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 JAN 13 2011
 KCC WICHITA

TICKET
 19311

PAGE 1 OF 1

SERVICE LOCATIONS
 1. *Hays, Ks.*
 2. *Ness City, Ks.*
 3.
 4. REFERRAL LOCATION

WELL/PROJECT NO. *#1-36*
 LEASE *Eschizer-Graham Unit*
 COUNTY/PARISH *Norton*
 STATE *Ks*
 CITY

TICKET TYPE
 SERVICE
 SALES
 CONTRACTOR *W & W #8*
 RIG NAME/NO.
 SHIPPED VIA *CK*
 DELIVERED TO *Location*
 DATE *11-15-10*
 OWNER *Sam*
 ORDER NO.

WELL TYPE *oil*
 WELL CATEGORY *development*
 JOB PURPOSE *surface pipe*
 WELL PERMIT NO.
 WELL LOCATION

INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
575		1			MILEAGE *111	80	mi			5.00	400	00
5765		1			Pump Charge (Shallow Surface)	1	ea	214	'	750.00	750	00
290		1			D-Air	2	gal			35.00	70	00
325		2			Standard Cement	150	sk			12.00	1800	00
278		2			Calcium Chloride	4	sk			25.00	100	00
279		2			Bentonite Gr 11	3	sk			25.00	75	00
581		2			Cement Service Charge	150	sk			1.50	225	00
583		2			Drayage	589	TM			1.00	589	00

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

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

X *[Signature]*
 DATE SIGNED *11-15-10* TIME SIGNED 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	AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				4049.00	
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				<i>Norton TAX 7.05%</i>	146.99
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	4195.99

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.

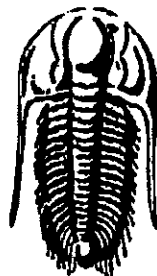
DATE 11-15-10 PAGE NO. 1

CUSTOMER Barrod Oil Co. WELL NO. 1-36 LEASE Eastinger - Breaker Unit JOB TYPE Surface Pipe TICKET NO. 19311

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1045							aa loc setup Trks
								8 5/8" x 214'
								KCC
								Start 8 5/8" JAN 12 2011
								Break Circ CONFIDENTIAL
	1250	4.5	0			100		Start Cement
		4.5	36/0			100		End Cement/start Displacement
	1300		12			175		Cement Displaced
	1300					100		Shut in
								150 sks std. 3 1/2" cc, 2" gal circ 30 sks to pit

RECEIVED
JAN 13 2011
KCC WICHITA

Thank you
Nick, Josh F. & David



**TRILOBITE
TESTING, INC.**

**KCC
JAN 12 2011
CONFIDENTIAL**

DRILL STEM TEST REPORT

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

Po Box 428
Logan KS 67646

ATTN: Jim R Baird

36-3s-22w Norton KS

Esslinger-Graham Unit 1-36

Start Date: 2010.11.18 @ 15:53:24

End Date: 2010.11.18 @ 22:39:54

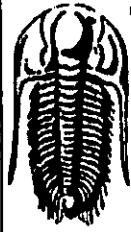
Job Ticket #: 040174 DST #: 1

**RECEIVED
JAN 13 2011
KCC WICHITA**

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

Po Box 428
Logan KS 67646

ATTN: Jim R Baird

Esslinger-Graham Unit 1-36

36-3s-22w Norton KS

Job Ticket: 040174

DST#: 1

Test Start: 2010.11.18 @ 15:53:24

GENERAL INFORMATION:

Formation: **LKC-A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:34:54

Time Test Ended: 22:39:54

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 44

Interval: **3518.00 ft (KB) To 3540.00 ft (KB) (TVD)**

Total Depth: 3540.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2302.00 ft (KB)

2297.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6672

Inside

Press@RunDepth: 103.07 psig @ 3519.00 ft (KB)

Start Date: 2010.11.18

End Date:

2010.11.18

Start Time: 15:53:25

End Time:

22:39:54

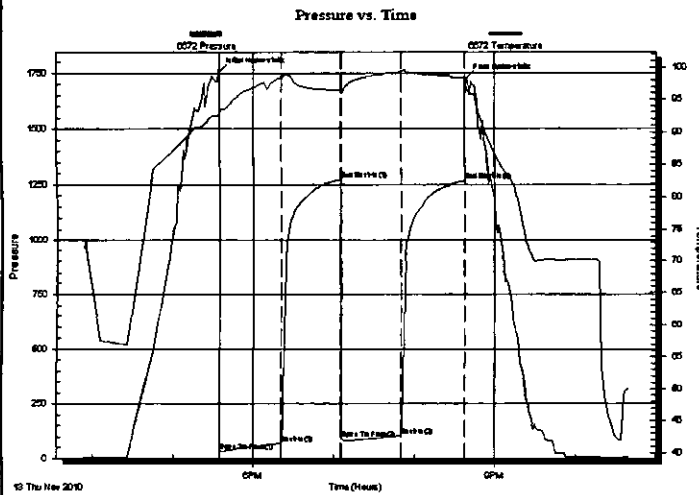
Capacity: 8000.00 psig

Last Calib.: 2010.11.18

Time On Btm: 2010.11.18 @ 17:34:24

Time Off Btm: 2010.11.18 @ 20:38:54

TEST COMMENT: IFP-Good blow BOB in 19 min
ISI-Weak surface blow back built to 2 1/4 in
FFP-Good blow BOB in 26 min
FSI-Weak surface blow back Built to 3 in



PRESSURE SUMMARY

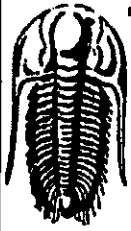
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1759.61	93.07	Initial Hydro-static
1	33.24	92.88	Open To Flow (1)
46	68.62	98.47	Shut-In(1)
91	1269.41	96.42	End Shut-In(1)
92	89.48	95.93	Open To Flow (2)
136	103.07	99.30	Shut-In(2)
183	1265.68	98.47	End Shut-In(2)
185	1727.12	96.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
200.00	Gassy Oil	1.69
61.00	HOCGW5%G5%W30%O60%M	0.86
0.00	325 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company, LLC

Esslinger-Graham Unit 1-36

Po Box 428
Logan KS 67646

36-3s-22w Norton KS

Job Ticket: 040174 **DST#: 1**

ATTN: Jim R Baird

Test Start: 2010.11.18 @ 15:53:24

Tool Information

Drill Pipe:	Length: 3386.00 ft	Diameter: 3.80 inches	Volume: 47.50 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: 4400.00 lb
		Total Volume:	48.10 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3518.00 ft			Final 39000.00 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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3499.00	
Shut In Tool	5.00			3504.00	
Hydraulic tool	5.00			3509.00	
Packer	4.00			3513.00	20.00 Bottom Of Top Packer
Packer	5.00			3518.00	
Stubb	1.00			3519.00	
Recorder	0.00	6672	Inside	3519.00	
Recorder	0.00	8679	Outside	3519.00	
Perforations	18.00			3537.00	
Bullnose	3.00			3540.00	22.00 Bottom Packers & Anchor
Total Tool Length:	42.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC

Esslinger-Graham Unit 1-36

Po Box 428
Logan KS 67646

36-3s-22w Norton KS

Job Ticket: 040174 DST#: 1

ATTN: Jim R Baird

Test Start: 2010.11.18 @ 15:53:24

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	31 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 64.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.98 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
200.00	Gassy Oil	1.694
61.00	HOCGWM5%G5%W30%O60%M	0.856
0.00	325 GP	0.000

Total Length: 261.00 ft Total Volume: 2.550 bbl

Num Fluid Samples: 0

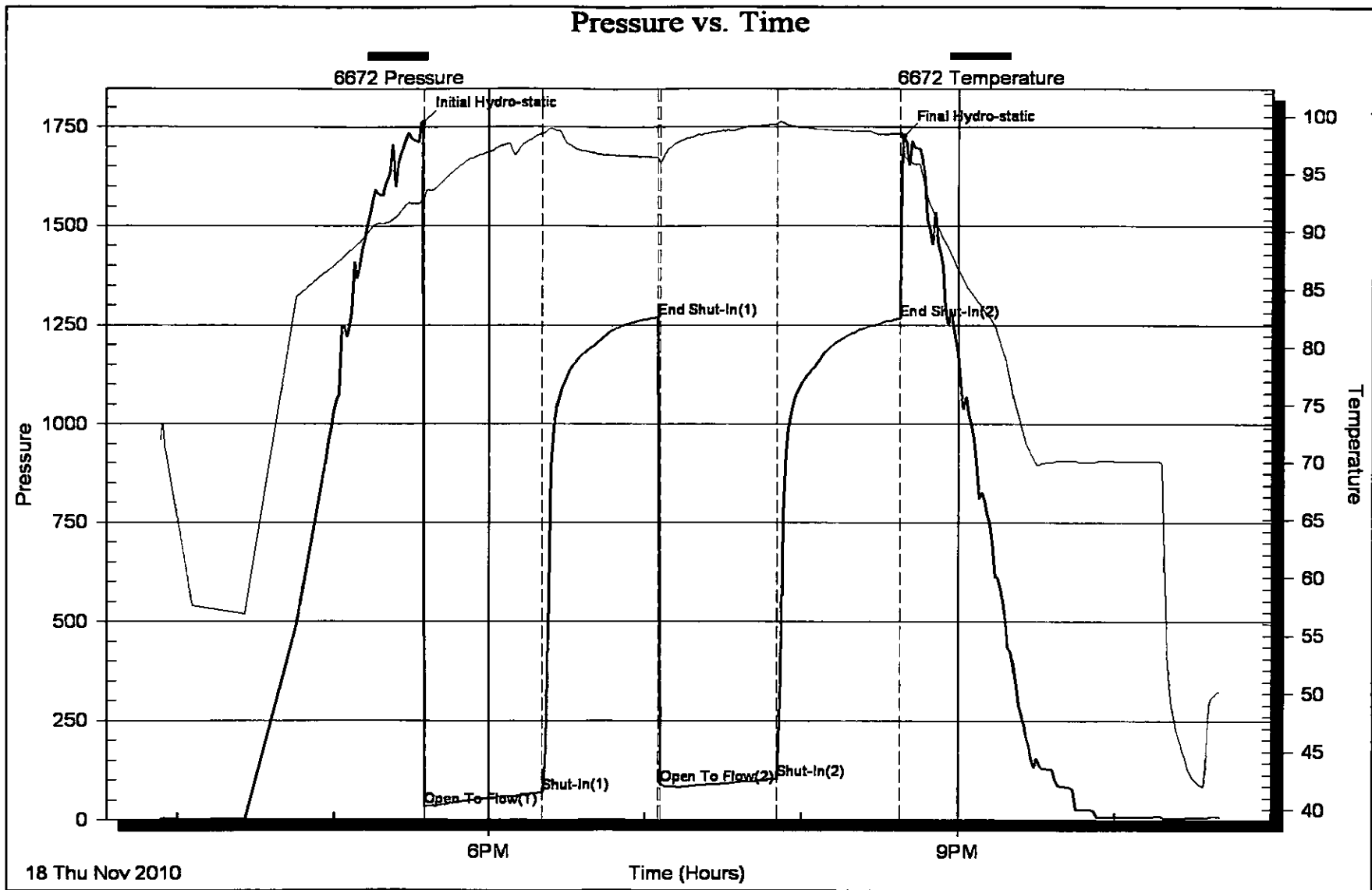
Num Gas Bombs: 0

Serial #:

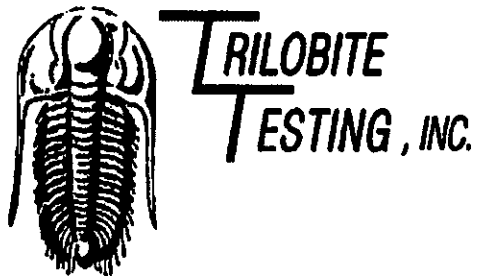
Laboratory Name:

Laboratory Location:

Recovery Comments:



18 Thu Nov 2010



DRILL STEM TEST REPORT

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

Po Box 428
Logan KS 67646

ATTN: Jim R Baird

36-3s-22w Norton KS

Esslinger-Graham Unit 1-36

Start Date: 2010.11.19 @ 04:07:25

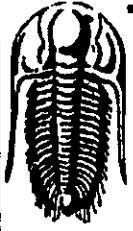
End Date: 2010.11.19 @ 10:21:55

Job Ticket #: 040175 DST #: 2

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

Esslinger-Graham Unit 1-36

Po Box 428
Logan KS 67646

36-3s-22w Norton KS

Job Ticket: 040175 DST#: 2

ATTN: Jim R Baird

Test Start: 2010.11.19 @ 04:07:25

GENERAL INFORMATION:

Formation: **LKC-C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:47:55

Time Test Ended: 10:21:55

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 44

Interval: **3545.00 ft (KB) To 3565.00 ft (KB) (TVD)**

Reference Elevations: 2302.00 ft (KB)

Total Depth: 3565.00 ft (KB) (TVD)

2297.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6672

Inside

Press@RunDepth: 227.20 psig @ 3547.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.11.19

End Date:

2010.11.19

Last Calib.: 2010.11.19

Start Time: 04:07:26

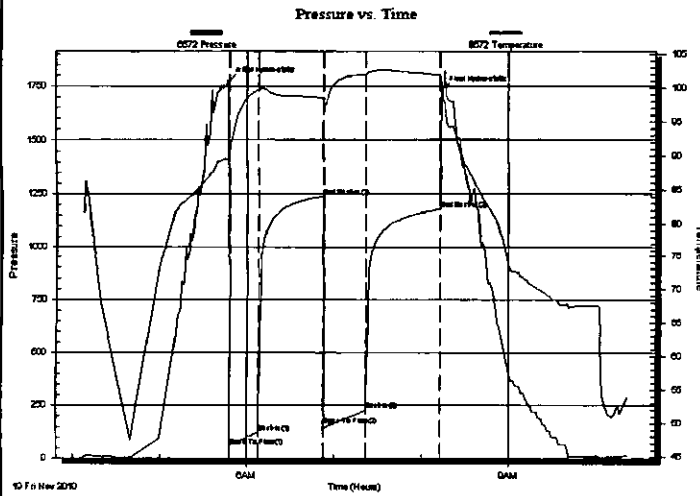
End Time:

10:21:55

Time On Btm: 2010.11.19 @ 05:46:55

Time Off Btm: 2010.11.19 @ 08:13:55

TEST COMMENT: IFF-Strong blow BOB in 3 1/2 min
ISI-Good Blow back BOB in 16 min
FFP-Strong Blow BOB in 4 min
FSI-Good blow BOB in 28 min



PRESSURE SUMMARY

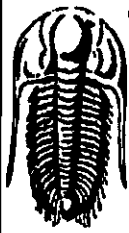
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1772.63	89.60	Initial Hydro-static
1	56.63	90.06	Open To Flow (1)
21	122.35	99.71	Shut-In(1)
65	1236.98	98.60	End Shut-In(1)
66	156.77	98.18	Open To Flow (2)
95	227.20	102.02	Shut-In(2)
146	1177.38	101.94	End Shut-In(2)
147	1734.29	100.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
589.00	Gassy Oil 20%G 80%O	7.15
153.00	HOCGM40%O25%G35%M	2.15
0.00	527 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company, LLC

Esslinger-Graham Unit 1-36

Po Box 428
Logan KS 67646

36-3s-22w Norton KS

Job Ticket: 040175

DST#: 2

ATTN: Jim R Baird

Test Start: 2010.11.19 @ 04:07:25

Tool Information

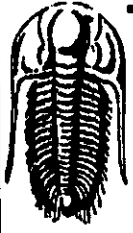
Drill Pipe:	Length: 3419.00 ft	Diameter: 3.80 inches	Volume: 47.96 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 46000.00 lb
			Total Volume: 48.56 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3545.00 ft			Final 40000.00 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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3526.00	
Shut In Tool	5.00			3531.00	
Hydraulic tool	5.00			3536.00	
Packer	4.00			3540.00	20.00 Bottom Of Top Packer
Packer	5.00			3545.00	
Stubb	1.00			3546.00	
Perforations	1.00			3547.00	
Recorder	0.00	6672	Inside	3547.00	
Recorder	0.00	8679	Outside	3547.00	
Perforations	15.00			3562.00	
Bullnose	3.00			3565.00	20.00 Bottom Packers & Anchor

Total Tool Length: 40.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC

Esslinger-Graham Unit 1-36

Po Box 428
Logan KS 67646

36-3s-22w Norton KS

Job Ticket: 040175 **DST#: 2**

ATTN: Jim R Baird

Test Start: 2010.11.19 @ 04:07:25

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	33 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.97 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1200.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

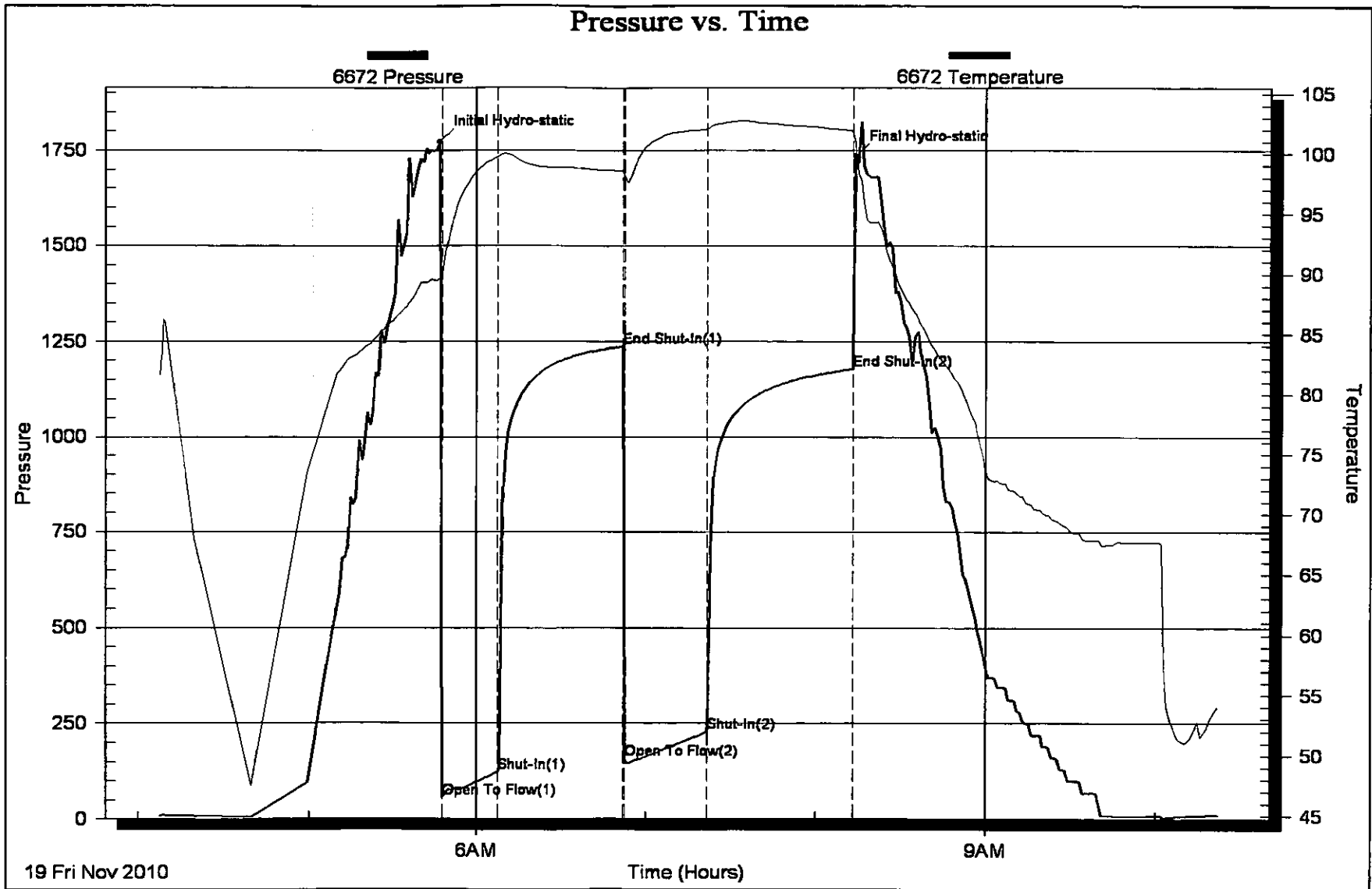
Length ft	Description	Volume bbl
589.00	Gassy Oil 20%G 80%O	7.151
153.00	HOCGM40%O25%G35%M	2.146
0.00	527 GIP	0.000

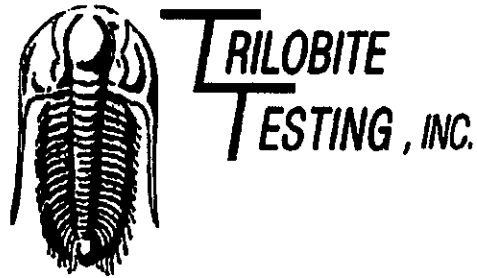
Total Length: 742.00 ft Total Volume: 9.297 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

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

Po Box 428
Logan KS 67646

ATTN: Jim R Baird

36-3s-22w Norton KS

Esslinger-Graham Unit 1-36

Start Date: 2010.11.19 @ 16:05:23

End Date: 2010.11.19 @ 22:17:23

Job Ticket #: 041002 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

Po Box 428
Logan KS 67646

ATTN: Jim R Baird

Esslinger-Graham Unit 1-36

36-3s-22w Norton KS

Job Ticket: 041002 DST#: 3

Test Start: 2010.11.19 @ 16:05:23

GENERAL INFORMATION:

Formation: **LKC-D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:24:23

Time Test Ended: 22:17:23

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 44

Interval: **3565.00 ft (KB) To 3585.00 ft (KB) (TVD)**

Total Depth: 3585.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2302.00 ft (KB)

2297.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: **6672**

Inside

Press@RunDepth: 184.66 psig @ 3567.00 ft (KB)

Start Date: 2010.11.19

End Date:

2010.11.19

Start Time: 16:05:24

End Time:

22:17:23

Capacity: 8000.00 psig

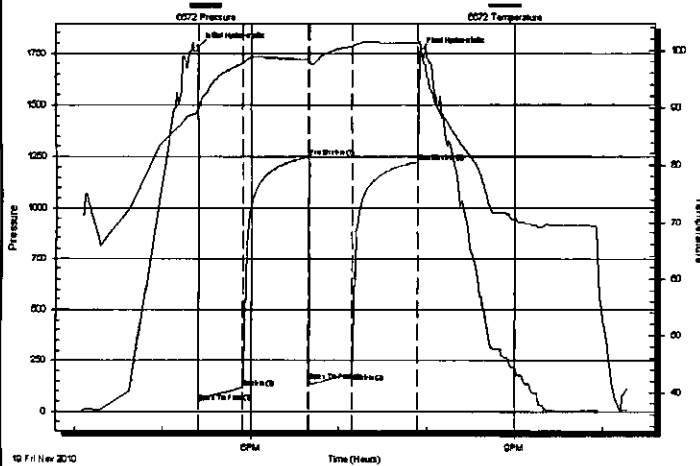
Last Calib.: 2010.11.19

Time On Btm: 2010.11.19 @ 17:23:53

Time Off Btm: 2010.11.19 @ 19:54:53

TEST COMMENT: IFF-Good blow BOB in 7 min
ISI-Weak surface blow built to 3 1/2 in
FFF-Good blow BOB in 9 1/2 min
FSI-Weak surface blow back built to 2 in

Pressure vs. Time



PRESSURE SUMMARY

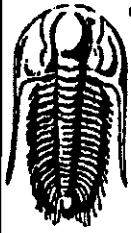
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1782.09	89.66	Initial Hydro-static
1	45.89	89.31	Open To Flow (1)
31	116.88	97.78	Shut-In(1)
75	1248.70	98.44	End Shut-In(1)
76	150.96	98.04	Open To Flow (2)
105	184.66	100.68	Shut-In(2)
150	1222.81	101.32	End Shut-In(2)
151	1756.57	101.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
568.00	Gassy Oil 10%G 90%O	6.86
62.00	HOCGM30%O10%G60%M	0.87
0.00	268 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company, LLC

Esslinger-Graham Unit 1-36

Po Box 428
Logan KS 67646

36-3s-22w Norton KS

Job Ticket: 041002

DST#: 3

ATTN: Jim R Baird

Test Start: 2010.11.19 @ 16:05:23

Tool Information

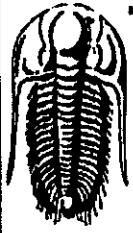
Drill Pipe:	Length: 3449.00 ft	Diameter: 3.80 inches	Volume: 48.38 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 48000.00 lb
		Total Volume:	48.98 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3565.00 ft			Final 40000.00 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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3546.00	
Shut In Tool	5.00			3551.00	
Hydraulic tool	5.00			3556.00	
Packer	4.00			3560.00	20.00 Bottom Of Top Packer
Packer	5.00			3565.00	
Stubb	1.00			3566.00	
Perforations	1.00			3567.00	
Recorder	0.00	6672	Inside	3567.00	
Recorder	0.00	8679	Outside	3567.00	
Perforations	15.00			3582.00	
Bullnose	3.00			3585.00	20.00 Bottom Packers & Anchor

Total Tool Length: 40.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC

Esslinger-Graham Unit 1-36

Po Box 428
Logan KS 67646

36-3s-22w Norton KS

Job Ticket: 041002 DST#: 3

ATTN: Jim R Baird

Test Start: 2010.11.19 @ 16:05:23

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	25 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1200.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

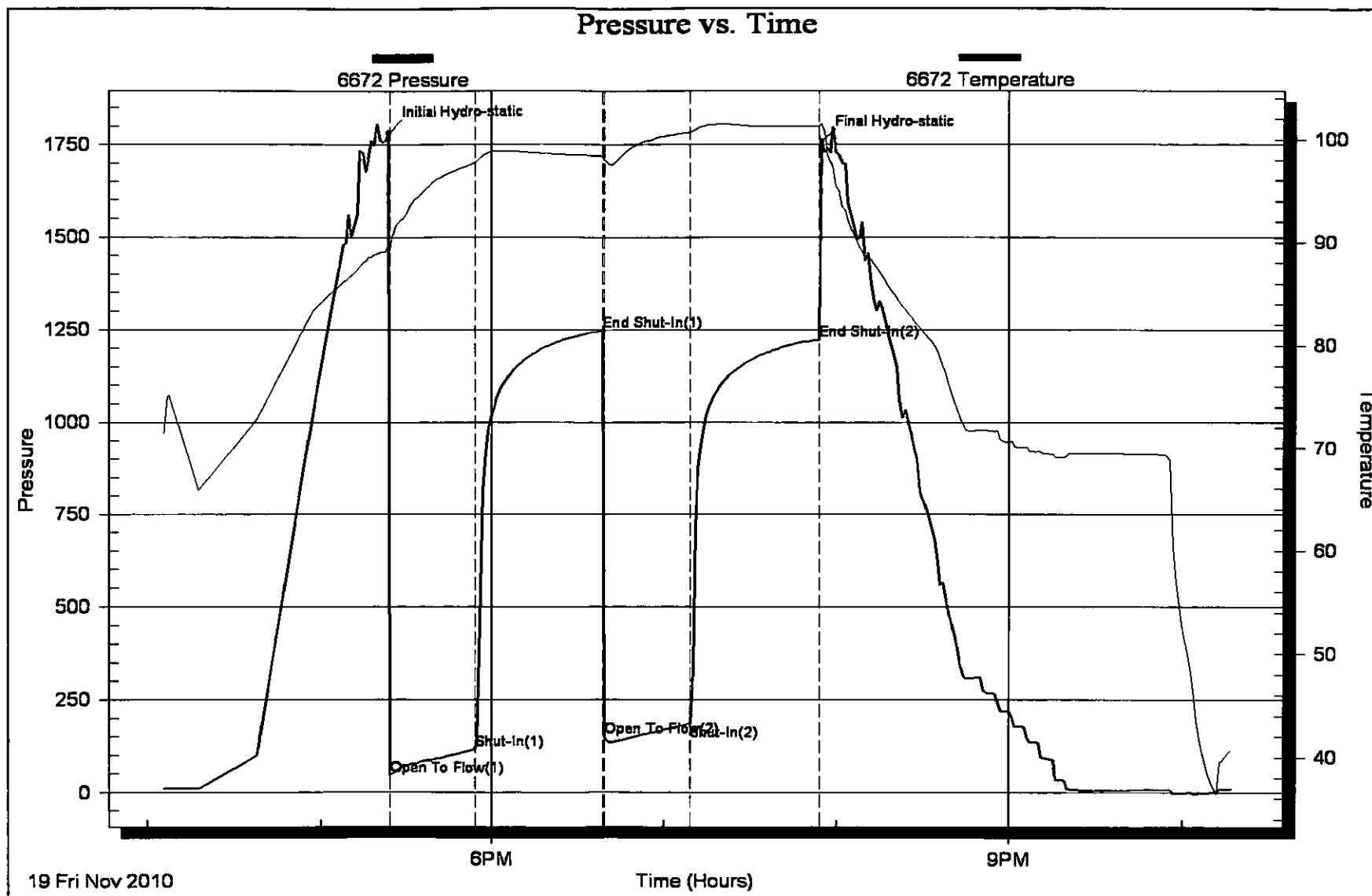
Length ft	Description	Volume bbl
568.00	Gassy Oil 10%G 90%O	6.856
62.00	HOCGM30%O10%G60%M	0.870
0.00	268 GIP	0.000

Total Length: 630.00 ft Total Volume: 7.726 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

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

Po Box 428
Logan KS 67646

ATTN: Jim R Baird

36-3s-22w Norton KS

Esslinger-Graham Unit 1-36

Start Date: 2010.11.20 @ 04:28:40

End Date: 2010.11.20 @ 10:38:40

Job Ticket #: 041003 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, LLC

Esslinger-Graham Unit 1-36

Po Box 428
Logan KS 67646

36-3s-22w Norton KS

Job Ticket: 041003 DST#: 4

ATTN: Jim R Baird

Test Start: 2010.11.20 @ 04:28:40

GENERAL INFORMATION:

Formation: LKC-F

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:01:40

Time Test Ended: 10:38:40

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 44

Interval: 3585.00 ft (KB) To 3603.00 ft (KB) (TVD)

Total Depth: 3603.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2302.00 ft (KB)

2297.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6672

Inside

Press@RunDepth: 163.71 psig @ 3587.00 ft (KB)

Start Date: 2010.11.20

End Date:

2010.11.20

Start Time: 04:28:41

End Time:

10:38:40

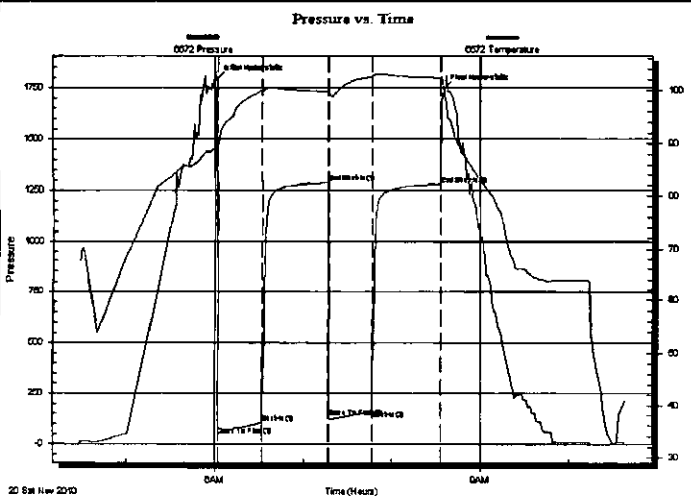
Capacity: 8000.00 psig

Last Calib.: 2010.11.20

Time On Btm: 2010.11.20 @ 06:01:10

Time Off Btm: 2010.11.20 @ 08:35:10

TEST COMMENT: IFP-Good blow BOB in 7 1/2 min
 ISF-Good surface blow back BOB in 44 min
 FFP-Good blow BOB in 10 min
 FSF-Fair surface blow back built to 5 in



PRESSURE SUMMARY

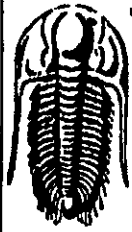
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1793.04	89.05	Initial Hydro-static
1	44.56	88.83	Open To Flow (1)
31	104.49	100.03	Shut-In(1)
76	1287.57	99.85	End Shut-In(1)
77	130.53	99.47	Open To Flow (2)
106	163.71	102.62	Shut-In(2)
153	1280.40	102.43	End Shut-In(2)
154	1747.04	100.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
434.00	Gassy Oil 10%G 90%O	4.98
122.00	HOCGM40%O10%G50%M	1.71
0.00	155 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company, LLC

Esslinger-Graham Unit 1-36

Po Box 428
Logan KS 67646

36-3s-22w Norton KS

Job Ticket: 041003

DST#: 4

ATTN: Jim R Baird

Test Start: 2010.11.20 @ 04:28:40

Tool Information

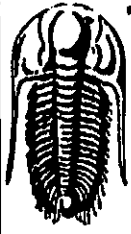
Drill Pipe:	Length: 3449.00 ft	Diameter: 3.80 inches	Volume: 48.38 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 44000.00 lb
		Total Volume:	48.98 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3585.00 ft			Final 39000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	38.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3566.00	
Shut In Tool	5.00			3571.00	
Hydraulic tool	5.00			3576.00	
Packer	4.00			3580.00	20.00 Bottom Of Top Packer
Packer	5.00			3585.00	
Stubb	1.00			3586.00	
Perforations	1.00			3587.00	
Recorder	0.00	6672	Inside	3587.00	
Recorder	0.00	8679	Outside	3587.00	
Perforations	13.00			3600.00	
Bullnose	3.00			3603.00	18.00 Bottom Packers & Anchor

Total Tool Length: 38.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC

Esslinger-Graham Unit 1-36

Po Box 428
Logan KS 67646

36-3s-22w Norton KS

Job Ticket: 041003 DST#: 4

ATTN: Jim R Baird

Test Start: 2010.11.20 @ 04:28:40

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	27 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1400.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

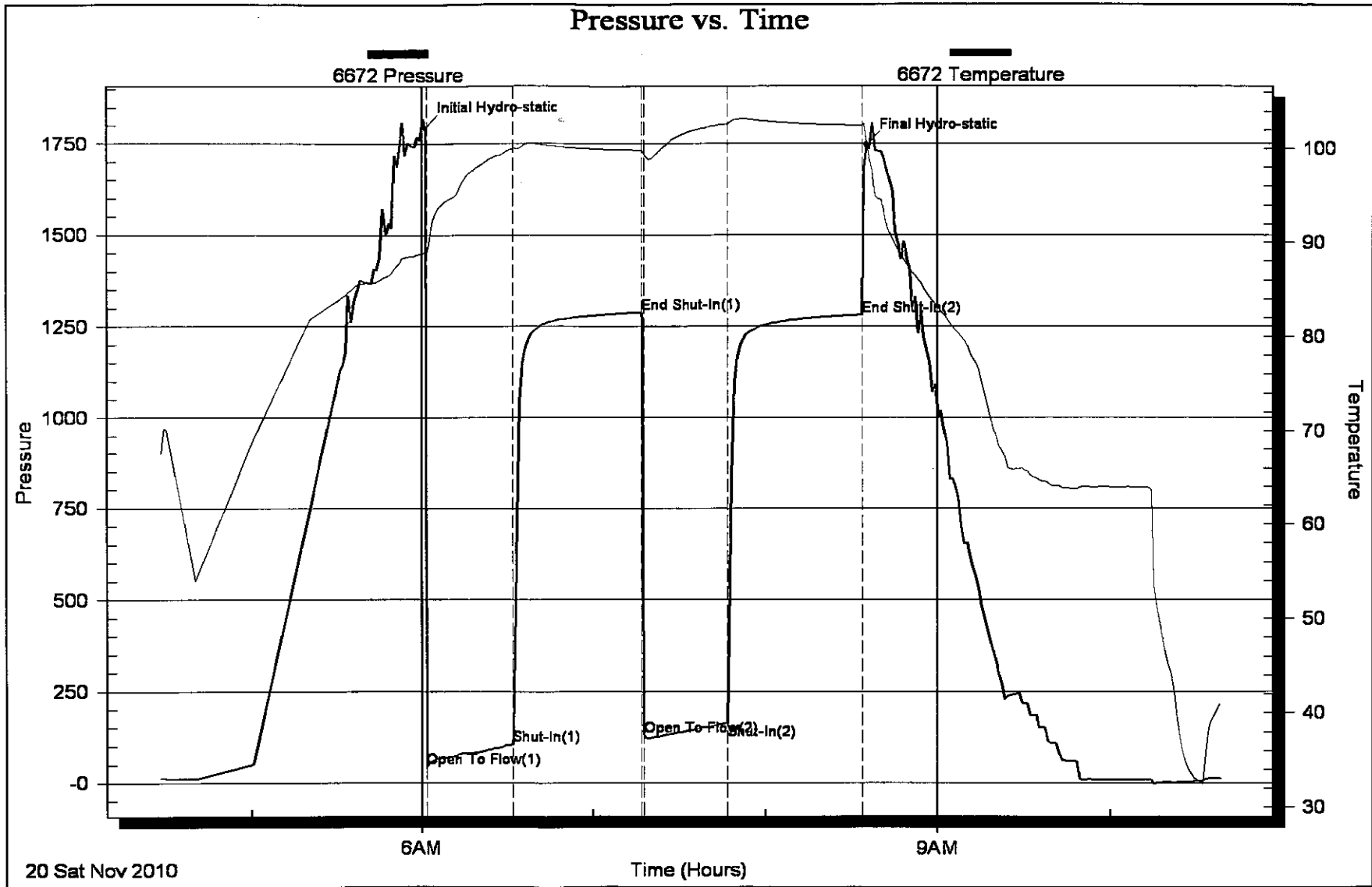
Length ft	Description	Volume bbl
434.00	Gassy Oil 10%G 90%O	4.977
122.00	HOCGM40%O10%G50%M	1.711
0.00	155 GIP	0.000

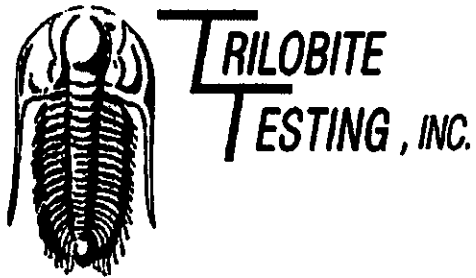
Total Length: 556.00 ft Total Volume: 6.688 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

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

Po Box 428
Logan KS 67646

ATTN: Jim R Baird

36-3s-22w Norton KS

Esslinger-Graham Unit 1-36

Start Date: 2010.11.20 @ 18:15:05

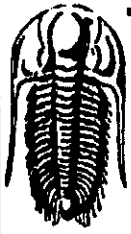
End Date: 2010.11.20 @ 23:57:05

Job Ticket #: 041004 DST #: 5

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

Esslinger-Graham Unit 1-36

Po Box 428
Logan KS 67646

36-3s-22w Norton KS

Job Ticket: 041004 DST#: 5

ATTN: Jim R Baird

Test Start: 2010.11.20 @ 18:15:05

GENERAL INFORMATION:

Formation: LKC-J

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:54:05

Time Test Ended: 23:57:05

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 44

Interval: 3649.00 ft (KB) To 3687.00 ft (KB) (TVD)

Total Depth: 3687.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2302.00 ft (KB)

2297.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6672

Inside

Press@RunDepth: 36.43 psig @ 3655.00 ft (KB)

Start Date: 2010.11.20

End Date:

2010.11.20

Start Time: 18:15:06

End Time:

23:57:05

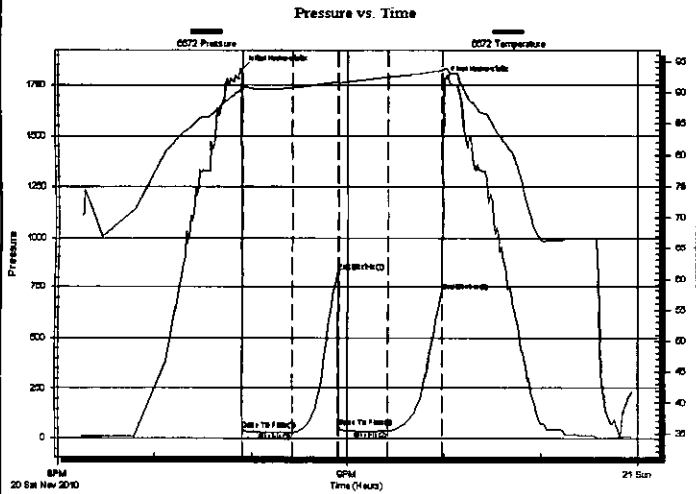
Capacity: 8000.00 psig

Last Calib.: 2010.11.21

Time On Btm: 2010.11.20 @ 19:53:35

Time Off Btm: 2010.11.20 @ 21:59:35

TEST COMMENT: IFF-Weak blow built to 2 1/4 in
ISI-Dead no blow back
FFP-Weak blow built to 1 3/4 in
FSI-Dead no blow back



PRESSURE SUMMARY

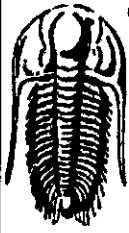
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1825.09	91.14	Initial Hydro-static
1	43.02	90.89	Open To Flow (1)
32	28.52	90.83	Shut-In(1)
61	828.63	91.79	End Shut-In(1)
61	59.86	91.41	Open To Flow (2)
92	36.43	92.51	Shut-In(2)
125	727.80	93.56	End Shut-In(2)
126	1775.85	93.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	M0G030%M20%G50%O	0.02
58.00	O0M25%O 75%M	0.29

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company, LLC

Esslinger-Graham Unit 1-36

Po Box 428
Logan KS 67646

36-3s-22w Norton KS

Job Ticket: 041004 **DST#: 5**

ATTN: Jim R Baird

Test Start: 2010.11.20 @ 18:15:05

Tool Information

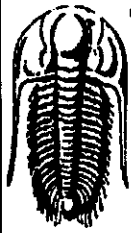
Drill Pipe:	Length: 3512.00 ft	Diameter: 3.80 inches	Volume: 49.26 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 44000.00 lb
		Total Volume:	49.86 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3649.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	38.00 ft			
Tool Length:	58.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3630.00	
Shut In Tool	5.00			3635.00	
Hydraulic tool	5.00			3640.00	
Packer	4.00			3644.00	20.00 Bottom Of Top Packer
Packer	5.00			3649.00	
Stubb	1.00			3650.00	
Perforations	5.00			3655.00	
Recorder	0.00	6672	Inside	3655.00	
Recorder	0.00	8679	Outside	3655.00	
Perforations	29.00			3684.00	
Bullnose	3.00			3687.00	38.00 Bottom Packers & Anchor

Total Tool Length: 58.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC

Esslinger-Graham Unit 1-36

Po Box 428
Logan KS 67646

36-3s-22w Norton KS

Job Ticket: 041004 DST#: 5

ATTN: Jim R Baird

Test Start: 2010.11.20 @ 18:15:05

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: 97.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1400.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

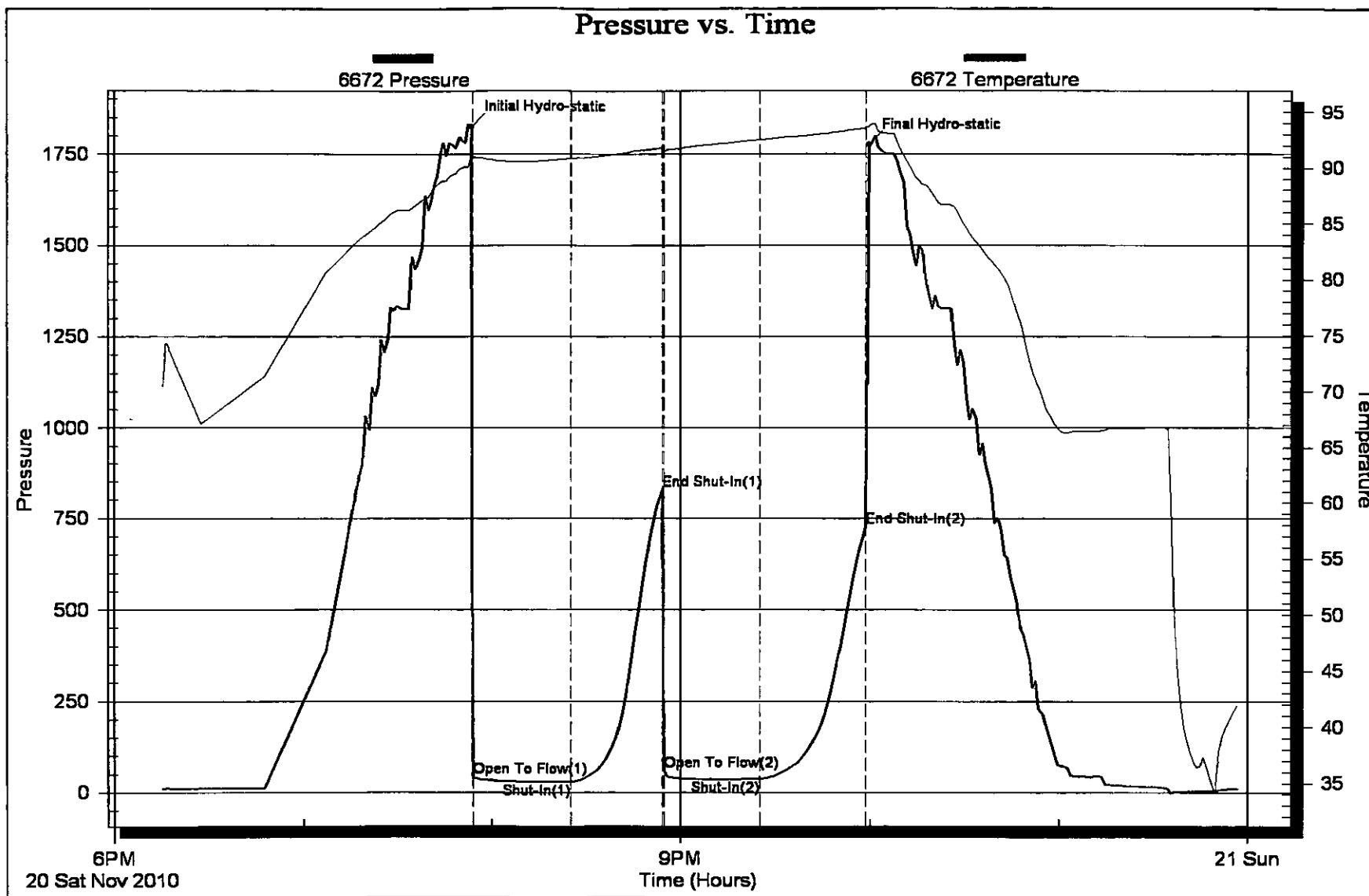
Length ft	Description	Volume bbl
5.00	MCGO30%M20%G50%O	0.025
58.00	OCM25%O 75%M	0.285

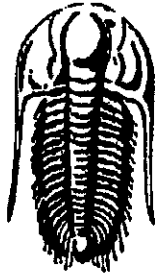
Total Length: 63.00 ft Total Volume: 0.310 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

Po Box 428
Logan KS 67646

ATTN: Jim R Baird

36-3s-22w Norton KS

Esslinger-Graham Unit 1-36

Start Date: 2010.11.21 @ 18:30:51

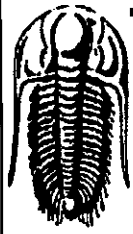
End Date: 2010.11.21 @ 23:46:51

Job Ticket #: 041005 DST #: 6

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

Esslinger-Graham Unit 1-36

Po Box 428
Logan KS 67646

36-3s-22w Norton KS

Job Ticket: 041005 DST#: 6

ATTN: Jim R Baird

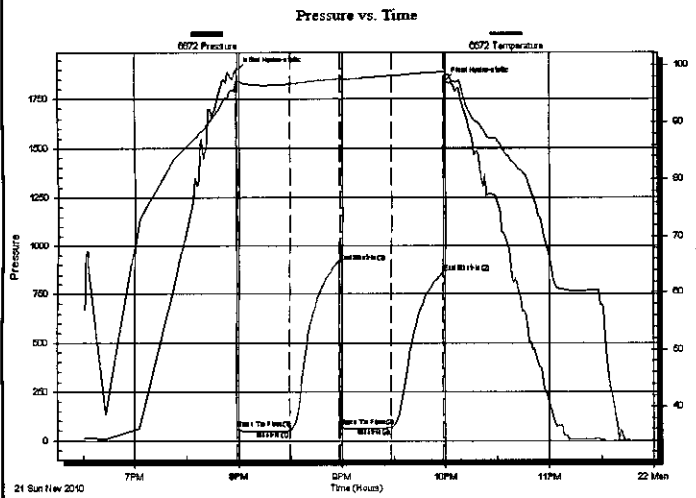
Test Start: 2010.11.21 @ 18:30:51

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: **19:58:51**
 Time Test Ended: **23:46:51**
 Interval: **3713.00 ft (KB) To 3780.00 ft (KB) (TVD)**
 Total Depth: **3780.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 Test Type: **Conventional Bottom Hole**
 Tester: **Jeff Brown**
 Unit No: **44**
 Reference Elevations: **2302.00 ft (KB)**
2297.00 ft (CF)
 KB to GR/CF: **5.00 ft**

Serial #: 6672 **Inside**
 Press@RunDepth: **64.52 psig @ 3752.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2010.11.21** End Date: **2010.11.21** Last Calib.: **2010.11.21**
 Start Time: **18:30:52** End Time: **23:46:51** Time On Btm: **2010.11.21 @ 19:58:21**
 Time Off Btm: **2010.11.21 @ 21:59:21**

TEST COMMENT: IFP-Weak b.ow built to 2 1/4 in
 ISI-Dead
 FFP-Weak blow built to 1 in
 FSI-Dead



PRESSURE SUMMARY

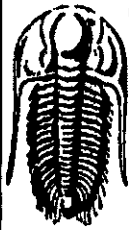
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1894.62	97.41	Initial Hydro-static
1	59.85	97.07	Open To Flow (1)
31	49.73	96.68	Shut-In(1)
60	914.36	97.54	End Shut-In(1)
61	71.65	97.36	Open To Flow (2)
90	64.52	98.04	Shut-In(2)
120	861.59	98.75	End Shut-In(2)
121	1840.52	98.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
59.00	VSOCM2%O98%M	0.29

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (MMcfd)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company, LLC

Esslinger-Graham Unit 1-36

Po Box 428
Logan KS 67646

36-3s-22w Norton KS

Job Ticket: 041005 **DST#: 6**

ATTN: Jim R Baird

Test Start: 2010.11.21 @ 18:30:51

Tool Information

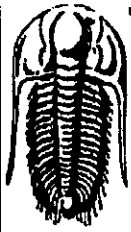
Drill Pipe:	Length: 3575.00 ft	Diameter: 3.80 inches	Volume: 50.15 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 44000.00 lb
		Total Volume: 50.75 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3713.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	67.00 ft			
Tool Length:	87.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3694.00	
Shut In Tool	5.00			3699.00	
Hydraulic tool	5.00			3704.00	
Packer	4.00			3708.00	20.00 Bottom Of Top Packer
Packer	5.00			3713.00	
Stubb	1.00			3714.00	
Perforations	5.00			3719.00	
Change Over Sub	1.00			3720.00	
Drill Pipe	31.00			3751.00	
Change Over Sub	1.00			3752.00	
Recorder	0.00	6672	Inside	3752.00	
Recorder	0.00	8679	Outside	3752.00	
Perforations	25.00			3777.00	
Bullnose	3.00			3780.00	67.00 Bottom Packers & Anchor

Total Tool Length: 87.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC

Esslinger-Graham Unit 1-36

Po Box 428
Logan KS 67646

36-3s-22w Norton KS

Job Ticket: 041005 **DST#: 6**

ATTN: Jim R Baird

Test Start: 2010.11.21 @ 18:30:51

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: 66.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1400.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

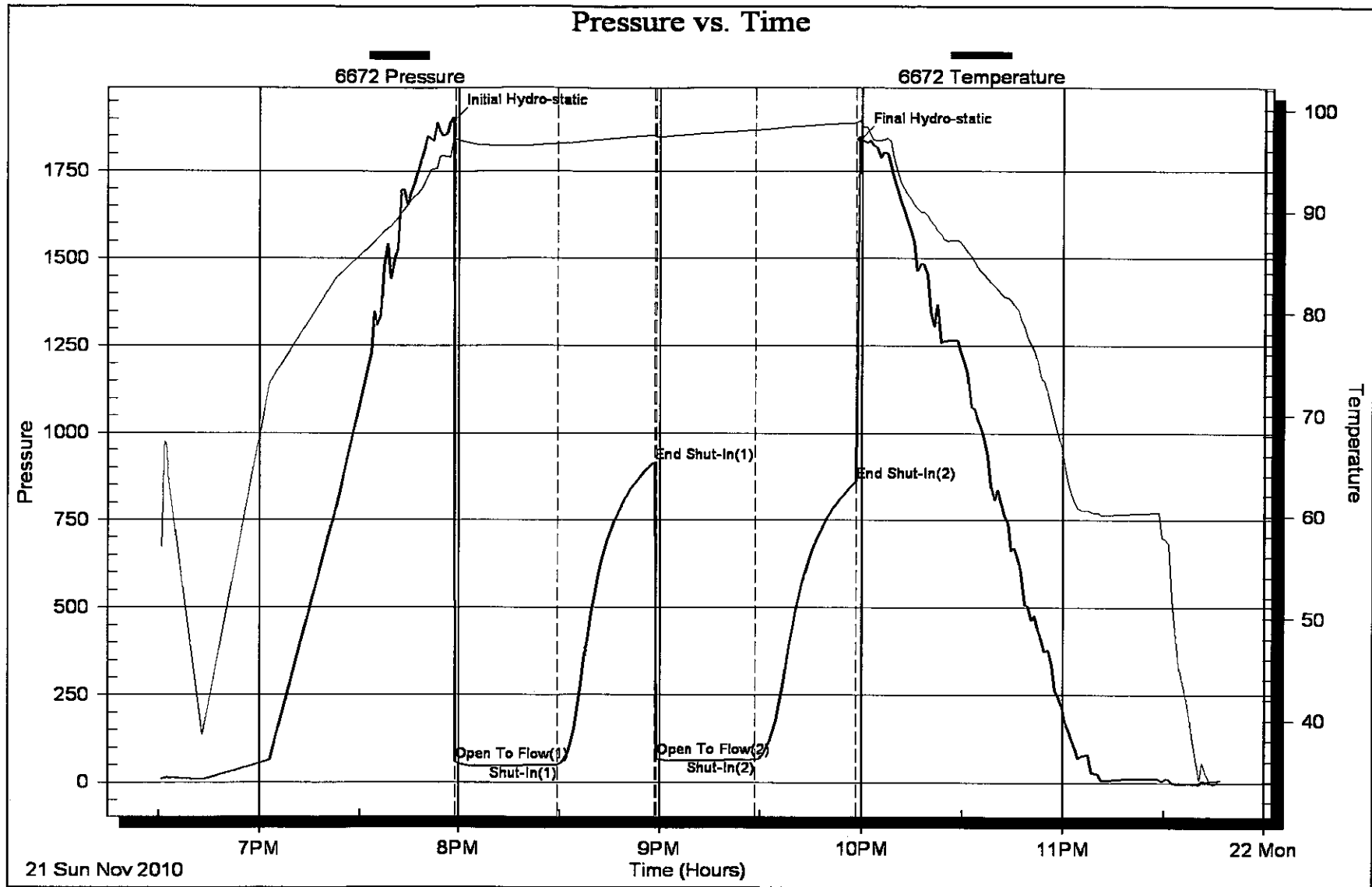
Length ft	Description	Volume bbl
59.00	VSOCM2%O98%M	0.290

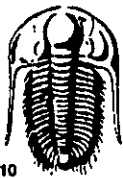
Total Length: 59.00 ft Total Volume: 0.290 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:





TRIBOLITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

RECEIVED
NOV 22 2010

NO. 040174

Well Name & No. Esslinger - Graham Unit #1 BY BL Test No. 1 Date 11-18-10
 Company Baird Oil Company, LLC Elevation 2302 KB _____ GL _____
 Address PO Box 428 Logan KS 67640
 Co. Rep / Geo. Richard Bell Rig HW Rig #8
 Location: Sec. 36 Twp. 3S Rge 22W Co. NORTON State KS

Interval Tested 3518 - 3540 Zone Tested LKC "A"
 Anchor Length 22 Drill Pipe Run 3386 Mud Wt. 8.4
 Top Packer Depth 3513 Drill Collars Run 122 Vis 6.4
 Bottom Packer Depth 3518 Wt. Pipe Run 0 WL 6.0
 Total Depth 3540 Chlorides 1000 ppm System LCM 1

Blow Description FFP-GOOD Blow Bob IN 19 min
ISI-Weak surface Blow Back Built to 2 1/4 IN
FFP-GOOD Blow Bob IN 26 min
FSI-Weak Blow surface Blow Back Built to 3 IN

Rec	Feet of	%gas	%oil	%water	%mud
<u>461</u>	<u>HOC GWM</u>	<u>5</u>	<u>30</u>	<u>5</u>	<u>60</u>
<u>200</u>	<u>Gassy Oil</u>	<u>10</u>	<u>90</u>		
	<u>325 GIP</u>				

Rec Total 261 BHT _____ Gravity 31 API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic	<u>1760</u>	<input checked="" type="checkbox"/> Test	<u>1125-</u>	T-On Location	<u>15:41</u>
(B) First Initial Flow	<u>33</u>	<input type="checkbox"/> Jars		T-Started	<u>15:53</u>
(C) First Final Flow	<u>69</u>	<input type="checkbox"/> Safety Joint		T-Open	<u>17:35</u>
(D) Initial Shut-In	<u>1269</u>	<input type="checkbox"/> Circ Sub		T-Pulled	<u>20:35</u>
(E) Second Initial Flow	<u>89</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>22:40</u>
(F) Second Final Flow	<u>103</u>	<input checked="" type="checkbox"/> Mileage	<u>100 RT 125-</u>	Comments	
(G) Final Shut-In	<u>1266</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>1727</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Shale Packer	

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

Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

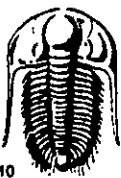
Sub Total 1250-

Sub Total 1250-

MP/DST Disc't _____

Approved By _____ Our Representative Jeff Brown

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



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED

NOV 22 2010

Test Ticket

NO. 040175

BY: _____

Well Name & No. Esslinger-Graham Unit #1-36 Test No. 2 Date 11-19-10
 Company Baird Oil Company, LLC Elevation 2302 KB 2297 GL
 Address Po Box 428 Logan KS 67644
 Co. Rep / Geo. Richard Bell Rig WL R.ig # 8
 Location: Sec. 36e1 Twp. 3S Rge. 22W Co. Norton State KS

Interval Tested 3545-3565 Zone Tested LKC-C
 Anchor Length 20 Drill Pipe Run 3419 Mud Wt. 9.2
 Top Packer Depth 3540 Drill Collars Run 122 Vis 57
 Bottom Packer Depth 3545 Wt. Pipe Run 0 WL 6.0
 Total Depth 3565 Chlorides 1200 ppm System LCM 1

Blow Description FP Strong Blow BoB IN 3 1/2 min
FSI-Good Blow Back BoB IN 16 min
FP-Strong Blow BoB IN 4 min
FSI-Good Blow Back BoB IN 28 min

Rec	Feet of	%gas	%oil	%water	%mud
<u>153</u>	<u>Hoc Com</u>	<u>25</u>	<u>40</u>	<u>35</u>	<u>35</u>
<u>589</u>	<u>Gassy Oil</u>	<u>20</u>	<u>80</u>		
	<u>527 GIP</u>				

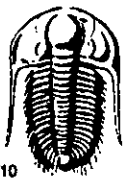
Rec Total 742 BHT 33 Gravity 33 API RW @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1773 Test 1125 T-On Location 3:30
 (B) First Initial Flow 57 Jars _____ T-Started 4:07
 (C) First Final Flow 122 Safety Joint _____ T-Open 5:37
 (D) Initial Shut-In 1237 Circ Sub _____ T-Pulled 8:07
 (E) Second Initial Flow 157 Hourly Standby _____ T-Out 10:22
 (F) Second Final Flow 227 Mileage 190 Rt 125 Comments _____
 (G) Final Shut-In 1177 Sampler _____
 (H) Final Hydrostatic 1734 Straddle _____

Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 30
 Initial Shut-In 45
 Final Flow 30
 Final Shut-In 45
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1250
 Sub Total _____
 Total 1250
 MP/DST Disc't _____

Approved By _____ Our Representative Jeff Brown

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
NOV 22 2010

Test Ticket

NO. 041002

Well Name & No. Esslinger-Graham unit #1-3L Test No. 3 Date 11-19-10
 Company Baird Oil Company LLC Elevation 2302 KB 2297 GL
 Address PO Box 428 Logan KS 67244
 Co. Rep / Geo. Richard Bell Rig LW Rig # 8
 Location: Sec. 3L Twp. 3S Rge. 22N Co. Norton State KS

Interval Tested 3525-3585 Zone Tested LKC-D
 Anchor Length 20 Drill Pipe Run 3449 Mud Wt. 9.2
 Top Packer Depth 3520 Drill Collars Run 122 Vis 57
 Bottom Packer Depth 3525 Wt. Pipe Run 0 WL 6.0
 Total Depth 3585 Chlorides 1200 ppm System LCM 1

Blow Description IFP Good Blow BoB IN 7 min
ISI-Weak surface Blow Back Built to 3 1/2 IN
IFP-Good Blow BoB IN 9 1/2 min
ISI-Weak surface Blow Built to 2 IN

Rec	Feet of	%gas	%oil	%water	%mud
<u>62</u>	<u>HOCOM</u>	<u>10</u>	<u>30</u>	<u>60</u>	<u>0</u>
<u>568</u>	<u>Gassy Oil</u>	<u>10</u>	<u>90</u>	<u>0</u>	<u>0</u>
<u>268</u>	<u>GIP</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Rec Total 630 BHT 101 Gravity 25 API RW @ °F Chlorides ppm

Flow Test	Value	Test	Value	T-On Location	Value
(A) Initial Hydrostatic	<u>1782</u>	<input checked="" type="checkbox"/> Test	<u>1125</u>	T-On Location	<u>15:08</u>
(B) First Initial Flow	<u>46</u>	<input type="checkbox"/> Jars	<u> </u>	T-Started	<u>16:05</u>
(C) First Final Flow	<u>117</u>	<input type="checkbox"/> Safety Joint	<u> </u>	T-Open	<u>17:24</u>
(D) Initial Shut-In	<u>1249</u>	<input type="checkbox"/> Circ Sub	<u> </u>	T-Pulled	<u>19:54</u>
(E) Second Initial Flow	<u>151</u>	<input type="checkbox"/> Hourly Standby	<u> </u>	T-Out	<u>22:17</u>
(F) Second Final Flow	<u>185</u>	<input checked="" type="checkbox"/> Mileage	<u>180 @ 125</u>	Comments	<u> </u>
(G) Final Shut-In	<u>1223</u>	<input type="checkbox"/> Sampler	<u> </u>	<input type="checkbox"/> Ruined Shale Packer	<u> </u>
(H) Final Hydrostatic	<u>1757</u>	<input type="checkbox"/> Straddle	<u> </u>	<input type="checkbox"/> Ruined Packer	<u> </u>

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

Sub Total 0
 Total 1250
 MP/DST Disc't

Approved By Our Representative Jeff Brown

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RECEIVED
NOV 22 2010

Test Ticket

NO. 041003

BY: _____

Well Name & No. ESSlinger-Graham unit #1-36 Test No. 4 Date 11-20-10

Company Baird Oil Company LLC Elevation 2302 KB 2297 GL

Address PO Box 428 Logan KS 67646

Co. Rep / Geo. Richard Bell Rig LW Rig #8

Location: Sec. 36 Twp. 3S Rge. 22W Co. Norton State KS

Interval Tested 3585-3603 Zone Tested LKC-F

Anchor Length 18 Drill Pipe Run 3449 Mud Wt. 9.3

Top Packer Depth 3580 Drill Collars Run 122 Vis 62

Bottom Packer Depth 3585 Wt. Pipe Run 0 WL 6.0

Total Depth 3603 Chlorides 1400 ppm System LCM 1/2

Blow Description IFP-GOOD Blow BOB IN 7 1/2 min

IST-GOOD Blow BACK BOB IN 44 min

IFP-GOOD Blow BOB IN 10 min

FSI Fair Blow Back Built to 5 IN

Rec	Feet of	%gas	%oil	%water	%mud
<u>122</u>	<u>HOCCM</u>	<u>10</u>	<u>40</u>	<u>50</u>	<u>0</u>
<u>434</u>	<u>GASSY oil</u>	<u>10</u>	<u>90</u>	<u>0</u>	<u>0</u>
<u> </u>	<u>155 CoIP</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Rec Total 556 BHT 102 Gravity 27 API RW @ °F Chlorides ppm

(A) Initial Hydrostatic 1793 Test 1125- T-On Location 4:01

(B) First Initial Flow 45 Jars T-Started 4:28

(C) First Final Flow 104 Safety Joint T-Open 6:01

(D) Initial Shut-In 1288 Circ Sub T-Pulled 8:31

(E) Second Initial Flow 131 Hourly Standby T-Out 10:38

(F) Second Final Flow 1164 Mileage 100 RT 125- Comments

(G) Final Shut-In 1280 Sampler

(H) Final Hydrostatic 1747 Straddle Ruined Shale Packer

Shale Packer Ruined Packer

Extra Packer Extra Copies

Extra Recorder Sub Total 0

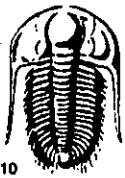
Day Standby Total 1250-

Accessibility MP/DST Disc't

Sub Total 1250-

Approved By _____ Our Representative Jeff Brown

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RECEIVED
NOV 22 2010

Test Ticket

NO. 041004

4/10

BY:

Well Name & No. ESSlinger - Graham Unit #1-3L Test No. 5 Date 11-20-10
 Company Baird Oil Company LLC Elevation 2302 KB 2297 GL
 Address Po Box 428 Logan KS 67646
 Co. Rep / Geo. Richard Bell Rig WV Rig #8
 Location: Sec. 3L Twp. 3S Rge. 22W Co. Norton State KS

Interval Tested 3L49-3L87 Zone Tested LKC-J
 Anchor Length 38 Drill Pipe Run _____ Mud Wt. 9.4
 Top Packer Depth 3L44 Drill Collars Run 122 Vis 97
 Bottom Packer Depth 3L49 Wt. Pipe Run 0 WL 5.2
 Total Depth 3L87 Chlorides 1400 ppm System LCM 12

Blow Description IFP - weak Blow Built to 2 1/4 IN
ISI - Dead
IFP - weak Blow Built to 1 3/4 FN
FSI - Dead

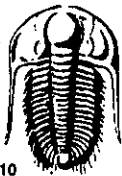
Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>McGO</u>	<u>20</u>	<u>50</u>	<u>30</u>	<u></u>
<u>58</u>	<u>OCM</u>	<u></u>	<u>25</u>	<u>75</u>	<u></u>
____	____	____	____	____	____
____	____	____	____	____	____
____	____	____	____	____	____

Rec Total 63 BHT 94 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1825 Test 1125 T-On Location 17:38
 (B) First Initial Flow 43 Jars _____ T-Started 18:15
 (C) First Final Flow 29 Safety Joint _____ T-Open 19:55
 (D) Initial Shut-In 829 Circ Sub _____ T-Pulled 21:55
 (E) Second Initial Flow 20 Hourly Standby _____ T-Out 23:58
 (F) Second Final Flow 3L Mileage 180 RT 125 Comments _____
 (G) Final Shut-In 728 Sampler _____
 (H) Final Hydrostatic 177L Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1250
 Final Flow 30 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 30 Sub Total 1250

Approved By _____ Our Representative Jeff Brown

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RECEIVED
NOV 22 2010

Test Ticket

NO. 041005

4/10

BY: _____

Well Name & No. Esslinger-Graham Unit #1-36 Test No. Lo Date 11-21-10
 Company Baird Oil Company LLC Elevation 2302 KB 2297 GL
 Address Po Box 428 Logan KS 67444
 Co. Rep / Geo. Richard Bell Rig LWW Rig #8
 Location: Sec. 36 Twp. 3 S Rge. 22 W Co. NORTON State KS

Interval Tested 3713-3780 Zone Tested Malm
 Anchor Length 207 Drill Pipe Run 3575 Mud Wt. 9.2
 Top Packer Depth 3708 Drill Collars Run 122 Vis 260
 Bottom Packer Depth 3713 Wt. Pipe Run 0 WL 4.4
 Total Depth 3780 Chlorides 1400 ppm System LCM 3#

Blow Description FFP - Weak Blow Built to 2 1/4 IN
EST - Dead
FFP - Weak Blow Built to 1 IN
EST - Dead

Rec	Feet of	%gas	%oil	%water	%mud
<u>59</u>	<u>USOCM</u>		<u>2%</u>		<u>98%</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 59 BHT 99 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1895 Test 1125- T-On Location 18:18
 (B) First Initial Flow 60 Jars _____ T-Started 18:30
 (C) First Final Flow 50 Safety Joint _____ T-Open 19:58 19:58
 (D) Initial Shut-In 914 Circ Sub _____ T-Pulled 21:58
 (E) Second Initial Flow 72 Hourly Standby _____ T-Out 23:46
 (F) Second Final Flow 65 Mileage 100 RT 125 Comments _____
 (G) Final Shut-In 862 Sampler _____
 (H) Final Hydrostatic 1841 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1250-
 Final Flow 30 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 30 Sub Total 1250-

Approved By _____ Our Representative Jeff Brown

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