

ORIGINAL

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32819
Name: Baird Oil Company LLC
Address: P.O. Box 428
City/State/Zip: Logan, KS 67646
Purchaser: Coffeyville Resources
Operator Contact Person: Jim R. Baird
Phone: (785) 689-7456
Contractor: Name: W W Drilling LLC
License: 33575

Wellsite Geologist: Gary Gensch
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 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./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

<u>May 4, 2006</u>	<u>May 10, 2006</u>	<u>June 5, 2006</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 065-23172-0000
County: Graham 190' East and 20' South of
SE SE NW SE Sec. 13 Twp. 7 S. R. 22 East West
2290 feet from S N (circle one) Line of Section
2500 feet from E W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Worcester Unit Well #: 1-13
Field Name: Wildcat
Producing Formation: Arbuckle
Elevation: Ground: 2149' Kelly Bushing: 2154'
Total Depth: 3682' Plug Back Total Depth: None
Amount of Surface Pipe Set and Cemented at 211 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1813 Feet
If Alternate II completion, cement circulated from 1813
feet depth to surface w/ 150 sx cmf.

Drilling Fluid Management Plan AT II WS D 9-09
(Data must be collected from the Reserve Pit)
Chloride content 2000 ppm Fluid volume 100 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.: _____

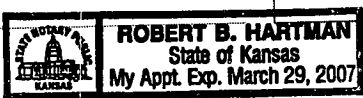
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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: August 24, 2006
Subscribed and sworn to before me this 24th day of AUGUST
20 06.
Notary Public: Robert B. Hartman
Date Commission Expires: 3/29/2007

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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Slide Two

Operator Name: Baird Oil Company LLC Lease Name: Worcester Unit Well #: 1-13
 Sec. 13 Twp. 7 S. R. 22 East West County: Graham 190' East and 20' South of

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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	1781	+373
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	3140	-986
List All E. Logs Run:		Heebner	3347	-1193
		Toronto	3369	-1215
		Lansing	3386	-1232
		BKC	3574	-1420
		Arbuckle	3656	-1502
		LTD/RTD	3682	-1528

RAG and Micro

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 Pipe	13 1/4	8 5/8	24lbs/ft	211'	Standard	150	3% cc, 2 % gel
Production Pipe	7 7/8	5 1/2	14lbs/ft	3662'	Standard/SMD	300	18% cc, 1/2% CFR-1

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		Acid, Fracture, Shot, Cement Squeeze Record		Depth
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	3676'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First Resumerd Production, SWD or Enhr.	Producing Method			
June 5, 2006	<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio
	22		Trace	27

Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

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SWIFT



Services, Inc.

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



Invoice

DATE	INVOICE #
5/4/2006	9886

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	#2-13	Ester Worces...	Graham	WW Drilling, LLC	Oil	Development	Cement Surface ...	Nick
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				60	Miles	4.00	240.00
576D-S	Pump Charge - Shallow Surface (< 500 Ft.) - 212 Feet				1	Job	650.00	650.00
410-8	8 5/8" Top Plug				1	Each	100.00	100.00T
325	Standard Cement				150	Sacks	9.60	1,440.00T
279	Bentonite Gel				3	Sack(s)	15.00	45.00T
278	Calcium Chloride				4	Sack(s)	36.00	144.00T
581D	Service Charge Cement				150	Sacks	1.10	165.00
583D	Drayage				441.6	Ton Miles	1.00	441.60
	Subtotal							3,225.60
	Sales Tax Graham County						5.55%	95.96

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Thank You For Your Business!	Total	\$3,321.56
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5/09/2006
CK# 4991



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

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TICKET No 9886

PAGE 1 OF 1

SERVICE LOCATIONS 1. <u>Hays, Ks</u> 2. <u>Ness City, Ks</u>	WELL/PROJECT NO. <u>#2-13</u>	LEASE <u>Ester Worcester</u>	COUNTY/PARISH <u>Graham</u>	STATE <u>Ks</u>	CITY	DATE <u>5-4-06</u>	OWNER <u>Same</u>
TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>W&W #4</u>	RIG NAME/NO.	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>Location</u>	ORDER NO.		
WELL TYPE <u>oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Cement Surface Pipe</u>	WELL PERMIT NO.	WELL LOCATION			
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE <u>#103</u>	60	mi			4.00	240.00
5765		1			Pump Charge (Shallow Surface)	1	sq	212	'	650.00	650.00
410		1			Top Plug	1	ca	8 1/2	"	100.00	100.00
325		2			Standard	150	sts			9.60	1440.00
279		2			Bentonite	3	sts			15.00	45.00
278		2			Calcium Chloride	4	sts			36.00	144.00
581		2			Cement Service Charge	150	sts			1.10	165.00
583		2			Drayage	441.6	TN			1.00	441.60

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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 Kirby Stott
 DATE SIGNED 5-5-06 TIME SIGNED 0001 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
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL	3225.60
Graham TAX 5.55%	95.96
TOTAL	3321.56

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

SWIFT OPERATOR Nick Korbe APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 5-4-06 PAGE NO. 7

CUSTOMER Baird Oil Co. WELL NO. # 2-13 LEASE Ester Worcester JOB TYPE Cement Surface Pipe TICKET NO. 9886

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2030							on loc setup Trks
								8 5/8" x 24" x 211' x 30'
								Rig Drlg @ 116' Drill to 212'
	2225							start Csg,
	2320							Back Circ
	2333	5	0				150	Start Cement 150 sks standard 3% C.C. 2% Gel
	2340		36					End Cement
								Drop Plug
	2342	4	0				150	Start Displacement
	2345		10.5					Cement Displaced to 180'
							75	Shut in
								Release Pressure & knock loose

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Thank you
Nick Josh & Shane

SWIFT



Services, Inc.

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



Invoice

DATE	INVOICE #
5/24/2006	10109

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

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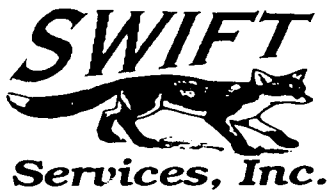
- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-13	Worcester Unit	Graham	Leon's Drilling Se...	Oil	Development	Cement Port Collar	Nick

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	60	Miles	4.00	240.00
578D-D	Pump Charge - Port Collar - 1813 Feet	1	Job	1,250.00	1,250.00
580	Additional Hours	2	Hours	150.00	300.00
330	Swift Multi-Density Standard (MIDCON II)	150	Sacks	12.00	1,800.00T
276	Flocele	56	Lb(s)	1.25	70.00T
581D	Service Charge Cement	225	Sacks	1.10	247.50
583D	Drayage	661.56	Ton Miles	1.00	661.56
	Subtotal				4,569.06
	Sales Tax Graham County			5.55%	103.79

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Thank You For Your Business!	Total	\$4,672.85
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CHARGE TO: Bard Oil Co
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

TICKET No 10109

PAGE 1 OF 1

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

WELL/PROJECT NO. # 1-13 LEASE West Unit COUNTY/PARISH Graham STATE KS CITY _____ DATE 5-24-06 OWNER S. J. ...

TICKET TYPE SERVICE SALES CONTRACTOR Lucas Data Service RIG NAME/NO. _____ SHIPPED VIA CH DELIVERED TO Location ORDER NO. _____

WELL TYPE oil WELL CATEGORY Development JOB PURPOSE Cement Int Cellar WELL PERMIT NO. _____ WELL LOCATION _____

REFERRAL LOCATION _____ INVOICE INSTRUCTIONS _____

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #163	60		mi		4.00	240.00
578		1			Pump Charge (Part Cellar)	1	1813	ft		1250.00	1250.00
580		1			Additional Hrs	2		hrs		150.00	300.00
330		2			SMD Cement	150		sks		12.00	1800.00
276		2			Fluoride	56		#		1.25	70.00
581		2			Cement Service Charge	225		sks		1.10	247.50
583		2			Drayage	661.56				1.00	661.56

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 Jim R. Beard
 DATE SIGNED 5-24-06 TIME SIGNED 1905 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	4529.06
Graham TAX 5.55%	103.79
TOTAL	4672.85

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

SWIFT OPERATOR Nick Koubz APPROVAL _____

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 5-24-06 PAGE NO. 1

CUSTOMER *Bar 10/1 Co* WELL NO. # *1-13* LEASE *Worcester Unit* JOB TYPE *Cement Port Cilia* TICKET NO. *16169*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1315							on loc well
	1400							2 7/8" x 5 1/2" x 1813' P.C. Trks on location
	1620							Wait on tubing Tubing on location
	1700							start tubing in hole
	1730							locat P.C.
	1815						1000	Test csg Open P.C.
	1820	2.5	4				150	take inj rate
	1825	3.5	0				400	start cement 150 sks SMD
	1835	3.5	65				600	cement circ, raise weight
	1837	3.5	20/0				650	end Cement / start Disp
	1839		6.5					Cement Displaced
	1840							Close P.C.
	1843						1000	Test Csg
	1855	3	0				150	Run 3 jts Reverse out
	1900		15					Hole Clean
								Circ 20 sks to pit

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Steve Hambrick

Thank you
Nick, Josh & Shane
Jim & David, Nick & Mike



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



Invoice

DATE	INVOICE #
5/10/2006	9893

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

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- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-13	Worcester Unit	Graham	WW Drilling, LL...	Oil	Development	Cement LongStri...	Nick
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				60	Miles	4.00	240.00
578D-L	Pump Charge - Long String				1	Job	1,250.00	1,250.00
281	Mud Flush				500	Gallon(s)	0.75	375.00T
405-5	5 1/2" Formation Packer Shoe				1	Each	1,350.00	1,350.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	210.00	210.00T
402-5	5 1/2" Centralizer				8	Each	60.00	480.00T
403-5	5 1/2" Cement Basket				1	Each	230.00	230.00T
404-5	5 1/2" Port Collar				1	Each	2,000.00	2,000.00T
325	Standard Cement				100	Sacks	9.60	960.00T
330	Swift Multi-Density Standard (MIDCON II)				50	Sacks	12.00	600.00T
283	Salt				433	Lb(s)	0.20	86.60T
285	CFR-1				47	Lb(s)	4.00	188.00T
276	Flocele				38	Lb(s)	1.25	47.50T
581D	Service Charge Cement				150	Sacks	1.10	165.00
583D	Drayage				444.18	Ton Miles	1.00	444.18
Subtotal								8,626.28
Sales Tax Graham County							5.55%	362.25
We Appreciate Your Business!						Total		\$8,988.53

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

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TICKET No. 9893

PAGE 1 OF 1

SERVICE LOCATIONS 1. <i>Hays, Ks.</i> 2. <i>Ness City, Ks.</i>	WELL/PROJECT NO. <i>#1-13</i>	LEASE <i>Worcester Unit</i>	COUNTY/PARISH <i>Graham</i>	STATE <i>Ks</i>	CITY	DATE <i>5-10-06</i>	OWNER <i>Sam L</i>
TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>U & W #4</i>	RIG NAME/NO.	SHIPPED VIA <i>CTT</i>	DELIVERED TO <i>Location</i>	ORDER NO.		
WELL TYPE <i>oil</i>	WELL CATEGORY <i>Development</i>	JOB PURPOSE <i>Connect Longstring</i>	WELL PERMIT NO.	WELL LOCATION			
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<i>575</i>		<i>1</i>			<i>MILEAGE #103</i>	<i>60</i>	<i>mi</i>			<i>4.00</i>	<i>240.00</i>
<i>578</i>		<i>1</i>			<i>Pump Charge Longstring</i>	<i>1</i>	<i>ea</i>			<i>1250.00</i>	<i>1250.00</i>
<i>281</i>		<i>1</i>			<i>Mad Flush</i>	<i>500</i>	<i>gal</i>			<i>.75</i>	<i>375.00</i>
<i>405</i>		<i>1</i>			<i>Formation Packer Shoe</i>	<i>1</i>	<i>ea</i>	<i>5 1/2</i>	<i>ft</i>	<i>1350.00</i>	<i>1350.00</i>
<i>406</i>		<i>1</i>			<i>L.D. Plug Baffle</i>	<i>1</i>	<i>ea</i>			<i>210.00</i>	<i>210.00</i>
<i>402</i>		<i>1</i>			<i>Centralizers</i>	<i>8</i>	<i>ea</i>			<i>60.00</i>	<i>480.00</i>
<i>403</i>		<i>1</i>			<i>Basket</i>	<i>1</i>	<i>ea</i>			<i>230.00</i>	<i>230.00</i>
<i>404</i>		<i>1</i>			<i>Port Collar</i>	<i>1</i>	<i>ea</i>			<i>2000.00</i>	<i>2000.00</i>

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

X *Sam L Baird*
 DATE SIGNED *5-10-06* TIME SIGNED *1800* AM 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 1	<i>6135.00</i>
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				page 2	<i>2491.28</i>
WE UNDERSTOOD AND MET YOUR NEEDS?				subtotal	<i>8626.28</i>
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Graham TAX 5.55%	<i>302.25</i>
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TOTAL	<i>8988.53</i>
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO	<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 *Mick Koche* APPROVAL

Thank You!



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

TICKET CONTINUATION

TICKET No. 9893

CUSTOMER Baird Oil Co WELL Worcester Unit 1-13 DATE 5-10-06 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF			QTY	UM		QTY	UM
325		2				Standard Cement	100	sks	9 60	960 00	
330		2				SMD Cement	50	sks	12 00	600 00	
283						Salt	433	#	20	86 60	
285						CFR-1	47	#	4 00	188 00	
276						Flocda	38	#	1 25	47 50	
581		2				SERVICE CHARGE			1 00	165 00	
583		2				RELEASE CHARGE			1 00	444 18	

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AUG 26 2005
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CONTINUATION TOTAL 2491.28

JOB LOG

SWIFT Services, Inc.

DATE 5-10-06 PAGE NO. 9

CUSTOMER *Barnd Oil Co.* WELL NO. *D-1-13* LEASE *Worcester Unit* JOB TYPE *Cement Logging* TICKET NO. *9893*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1310							onloc setup Trk
	1630							Bulk Trken loc
								5 1/2" x 14" x 3662' x 11' 5.5
								RTD 3682'
								Pkr Shoe @ 3661'
								cent. 1, 2, 3, 4, 5, 6, 7, 94
								Basket bottom 45
								P.C. Top of 45 @ 1813'
	1400							start FE
	1600							Break Circ
	1615						1800	start Drop Ball / set Pkr Shoe
								Pump Desco
	1700	2	3					Plug R.H.
	1703	4	0				150	Start Mud Flush 500 gal
	1706	6	12/0				300	start SMD @ 12.8" ^{PP} 50 sks
	1709	6	15/0				300	start Standard @ 15.8" ^{PP} 100 sks
	1713		21					End Cement
								wash P&L
								Drop Plug
	1720	5	0				150	start Displacement
	1733	5	68				250	Catch Cement
	1738		89				700 / 1300	Land Plug
								Release Pressure
								Float Held

KCC
AUG 24 2006
CONFIDENTIAL

RECEIVED
AUG 28 2006
KCC WICHITA

Thank you
Nick, Josh & Jason

08/24/08

Baird Oil Company, LLC

P.O. Box 428
Logan, KS 67646
785-689-7456


KCC
AUG 24 2006
CONFIDENTIAL

August 24, 2006

Dear folks,

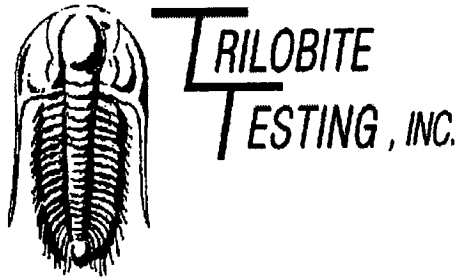
Please find the enclosed ACO-1 Form and all attachments for Baird Oil Company's Worcester #1-13 unit; API #: 15-065-23172-0000. Please keep this record confidential for the longest period of time allowable. If there are any questions, feel free to contact us. Thank you for your time.

Sincerely,


Andrew C. Noone
Baird Oil Company

RECEIVED
AUG 28 2006
KCC WICHITA

CONFIDENTIAL



DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company LLC**

PO Box 428
Logan KS 67646

ATTN: Jim Baird

13 7S 22W Graham KS

Worcester Unit #1-13

Start Date: 2006.05.08 @ 00:20:29

End Date: 2006.05.08 @ 06:46:28

Job Ticket #: 24287 DST #: 1

RECEIVED

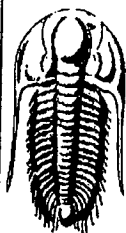
JAN 21 2009

KCC WICHITA

Trilobite Testing, Inc

PO Box 362 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 Baird

Worcester Unit #1-13

13 7S 22W Graham KS

Job Ticket: 24287

DST#: 1

Test Start: 2006.05.08 @ 00:20:29

GENERAL INFORMATION:

Formation: **Lans "C"**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 02:26:58

Time Test Ended: 06:46:28

Interval: **3405.00 ft (KB) To 3430.00 ft (KB) (TVD)**

Total Depth: **3430.00 ft (KB) (TVD)**

Hole Diameter: **7.85 inches** Hole Condition: **Fair**

Test Type: **Conventional Bottom Hole**

Tester: **Ray Schwager**

Unit No: **28**

Reference Elevations: **2154.00 ft (KB)**

2149.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 8167 **Inside**

Press@RunDepth: **216.07 psig @ 3406.01 ft (KB)**

Start Date: **2006.05.08**

End Date:

2006.05.08

Start Time: **00:20:29**

End Time:

06:46:28

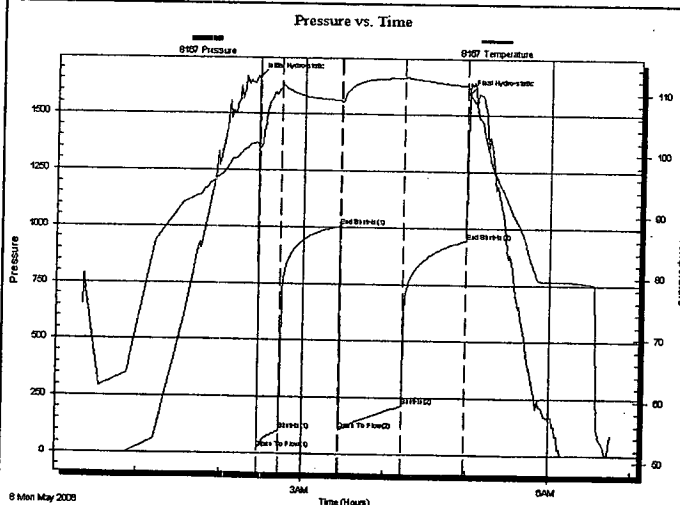
Capacity: **7000.00 psig**

Last Calib.: **2006.05.08**

Time On Btm: **2006.05.08 @ 02:26:28**

Time Off Btm: **2006.05.08 @ 04:59:58**

TEST COMMENT: IFP Wk to a gd bl 1/2 in to 8 in bl
FF Wk to a fr bl 1 in to 5 1/2 in bl
Times 15 45 45 45
ISIP Wk bl bk



PRESSURE SUMMARY

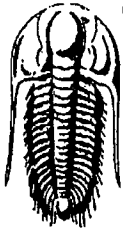
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1659.24	101.65	Initial Hydro-static
1	21.11	101.07	Open To Flow (1)
17	103.14	110.89	Shut-In (1)
60	1003.24	108.75	End Shut-In (1)
61	109.10	108.48	Open To Flow (2)
106	216.07	112.57	Shut-In (2)
153	943.69	111.33	End Shut-In (2)
154	1595.05	110.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
300.00	W w/Scum O	3.12
125.00	MW w/Scum of O 20%M 80%W	1.75
10.00	CO	0.14

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company LLC

Worcester Unit #1-13

PO Box 428
Logan KS 67646

13 7S 22W Graham KS.

Job Ticket: 24287

DST#: 1

ATTN: Jim Baird

Test Start: 2006.05.08 @ 00:20:29

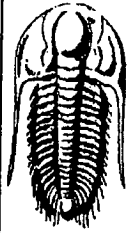
Tool Information

Drill Pipe:	Length: 3285.00 ft	Diameter: 3.80 inches	Volume: 46.08 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 46.67 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 35000.00 lb
Depth to Top Packer:	3405.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.02 ft			
Tool Length:	46.02 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			3385.00	
Shut In Tool	5.00			3390.00	
Hydraulic tool	5.00			3395.00	
Packer	5.00			3400.00	21.00 Bottom Of Top Packer
Packer	5.00			3405.00	
Stubb	1.00			3406.00	
Recorder	0.01	8167	Inside	3406.01	
Perforations	21.00			3427.01	
Recorder	0.01	13534	Outside	3427.02	
Bullnose	3.00			3430.02	25.02 Bottom Packers & Anchor
Total Tool Length:	46.02				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company LLC

Worcester Unit #1-13

PO Box 428
Logan KS 67646

13 7S 22W Graham KS

Job Ticket: 24287

DST#: 1

ATTN: Jim Baird

Test Start: 2006.05.08 @ 00:20:29

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

24 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

34000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.55 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
300.00	W w/Scum O	3.115
125.00	MW w/Scum of O 20%M 80%W	1.753
10.00	CO	0.140

Total Length: 435.00 ft

Total Volume: 5.008 bbl

Num Fluid Samples: 0

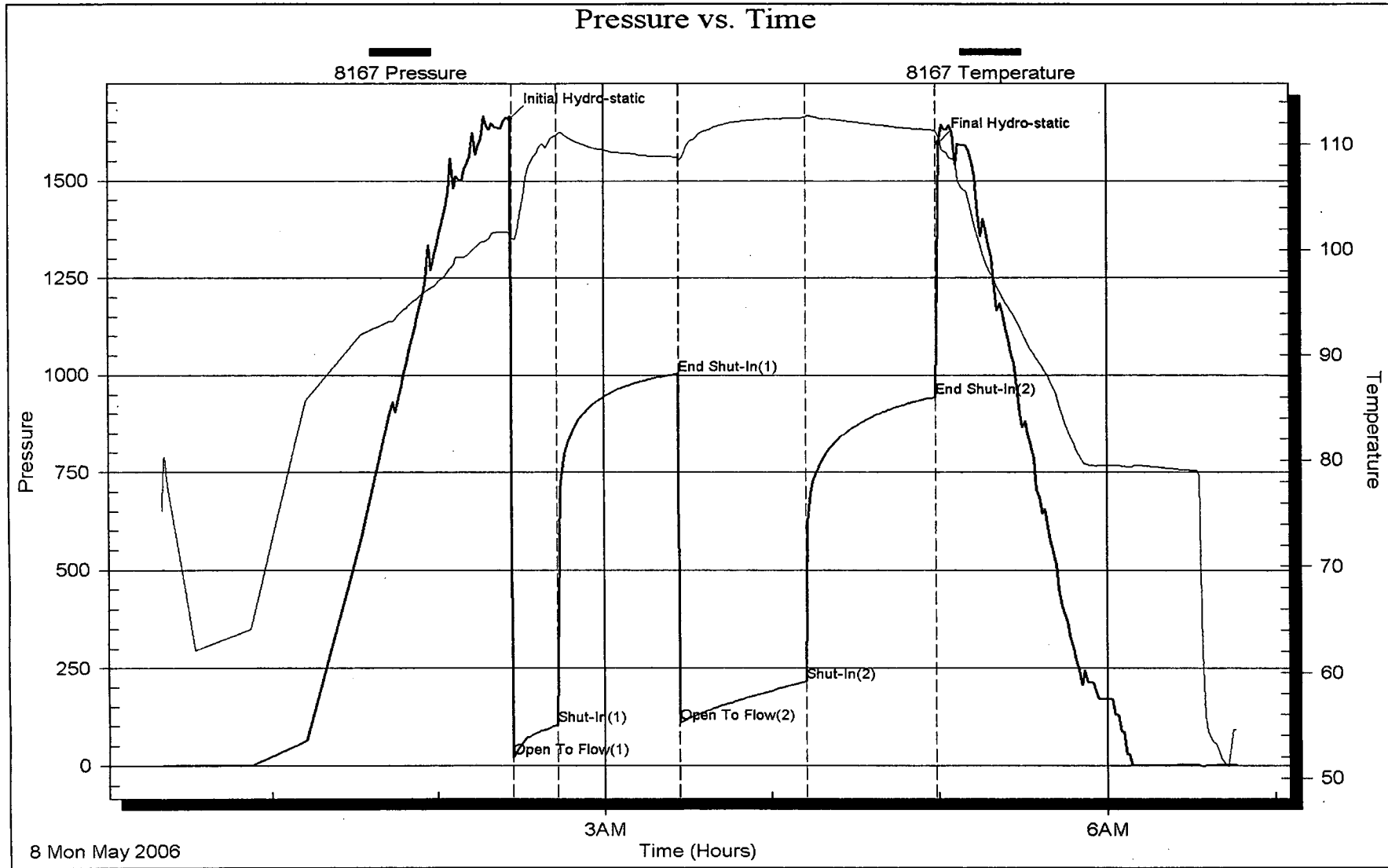
Num Gas Bombs: 0

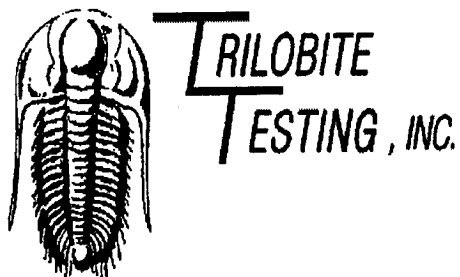
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .19@75F





DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company LLC**

PO Box 428
Logan KS 67646

ATTN: Jim Baird

13 7S 22W Graham KS

Worcester Unit #1-13

Start Date: 2006.05.08 @ 12:26:29

End Date: 2006.05.08 @ 17:59:58

Job Ticket #: 24288 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Baird Oil Company LLC

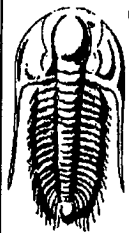
Worcester Unit #1-13

13 7S 22W Graham KS

DST # 2

Lans "D"

2006.05.08



TRIOBITE TESTING, INC.

DRILL STEM TEST REPORT

Baird Oil Company LLC

PO Box 428
Logan KS 67646

ATTN: Jim Baird

Worcester Unit #1-13

13 7S 22W Graham KS

Job Ticket: 24288 DST#: 2

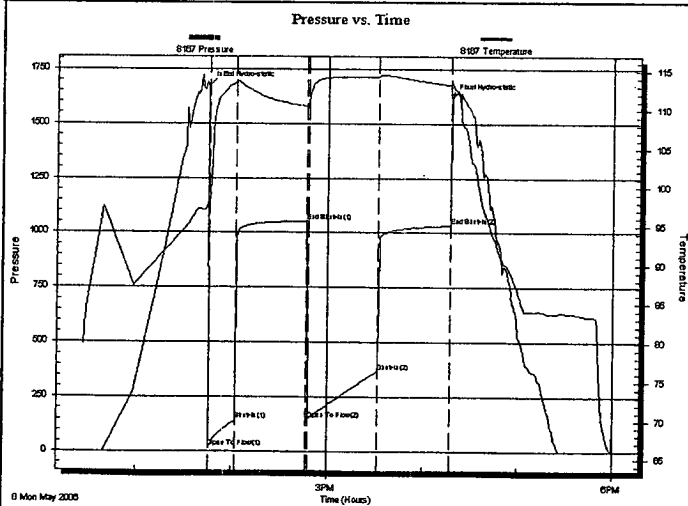
Test Start: 2006.05.08 @ 12:26:29

GENERAL INFORMATION:

Formation: **Lans "D"**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: **13:45:58**
 Time Test Ended: **17:59:58**
 Interval: **3430.00 ft (KB) To 3447.00 ft (KB) (TVD)**
 Total Depth: **3447.00 ft (KB) (TVD)**
 Hole Diameter: **7.85 inches** Hole Condition: **Fair**
 Test Type: **Conventional Bottom Hole**
 Tester: **Ray Schwager**
 Unit No: **28**
 Reference Elevations: **2154.00 ft (KB)**
2149.00 ft (CF)
 KB to GR/CF: **5.00 ft**

Serial #: 8167 **Inside**
 Press@RunDepth: **365.97 psig @ 3431.01 ft (KB)** Capacity: **7000.00 psig**
 Start Date: **2006.05.08** End Date: **2006.05.08** Last Calib.: **2006.05.08**
 Start Time: **12:26:29** End Time: **17:59:58** Time On Btm: **2006.05.08 @ 13:45:28**
 Time Off Btm: **2006.05.08 @ 16:17:58**

TEST COMMENT: **IFP Wk to strg in 7"**
FFP Wk to strg in 7"
Times 15 45 45 45
ISIP Surface bl bk



PRESSURE SUMMARY

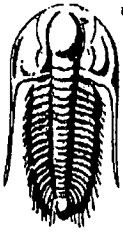
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1672.87	98.13	Initial Hydro-static
1	19.56	97.67	Open To Flow (1)
17	143.36	113.54	Shut-In(1)
61	1052.73	110.45	End Shut-In(1)
62	148.04	110.45	Open To Flow (2)
107	365.97	114.29	Shut-In(2)
152	1033.56	113.20	End Shut-In(2)
153	1617.92	113.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
660.00	Water RW .12@81F	8.16
85.00	MW w/Show O 35%M 65%W	1.19

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company LLC

Worcester Unit #1-13

PO Box 428
Logan KS 67646

13 7S 22W Graham KS

Job Ticket: 24288

DST#: 2

ATTN: Jim Baird

Test Start: 2006.05.08 @ 12:26:29

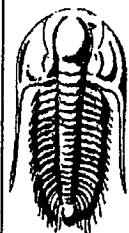
Tool Information

Drill Pipe:	Length: 3319.00 ft	Diameter: 3.80 inches	Volume: 46.56 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 47.15 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3430.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	17.02 ft			
Tool Length:	38.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Change Over Sub	1.00			3410.00	
Shut In Tool	5.00			3415.00	
Hydraulic tool	5.00			3420.00	
Packer	5.00			3425.00	21.00 Bottom Of Top Packer
Packer	5.00			3430.00	
Stubb	1.00			3431.00	
Recorder	0.01	8167	Inside	3431.01	
Perforations	13.00			3444.01	
Recorder	0.01	13534	Outside	3444.02	
Bullnose	3.00			3447.02	17.02 Bottom Packers & Anchor
Total Tool Length:	38.02				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company LLC

Worcester Unit #1-13

PO Box 428
Logan KS 67646

13 7S 22W Graham KS

Job Ticket: 24288 **DST#: 2**

ATTN: Jim Baird

Test Start: 2006.05.08 @ 12:26:29

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:	53000 ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.54 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1900.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

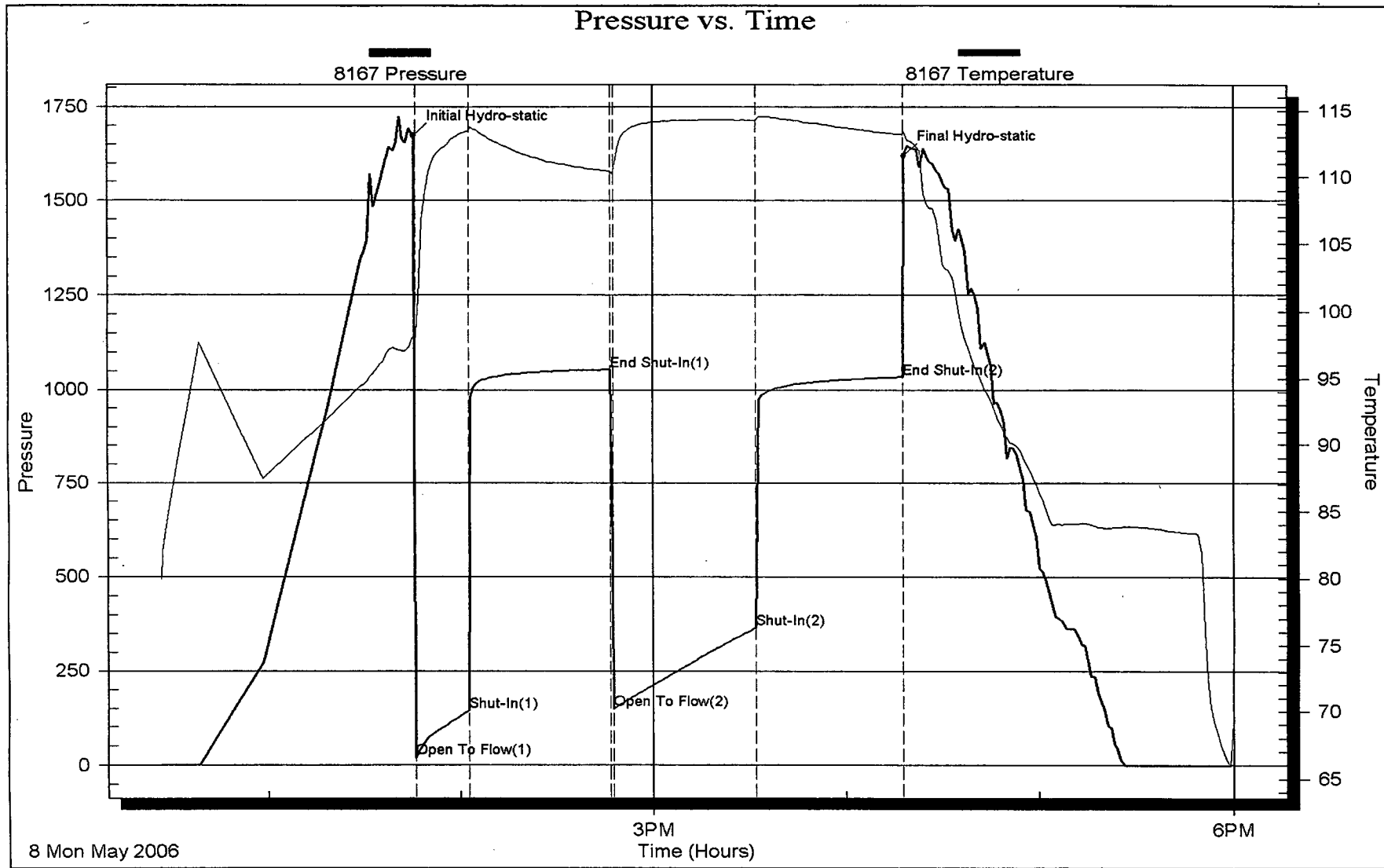
Length ft	Description	Volume bbl
660.00	Water RW .12@81F	8.165
85.00	MW w/Show O 35%M 65%W	1.192

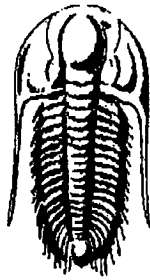
Total Length: 745.00 ft Total Volume: 9.357 bbl

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 Baird

13 7S 22W Graham KS

Worcester Unit #1-13

Start Date: 2006.05.09 @ 07:45:30

End Date: 2006.05.09 @ 11:35:29

Job Ticket #: 24289 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Baird Oil Company LLC

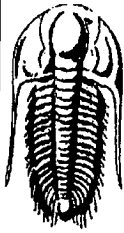
Worcester Unit #1-13

13 7S 22W Graham KS

DST # 3

LKC J-K

2006.05.09



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Baird Oil Company LLC

Worcester Unit #1-13

PO Box 428
Logan KS 67646

13 7S 22W Graham KS

ATTN: Jim Baird

Job Ticket: 24289

DST#: 3

Test Start: 2006.05.09 @ 07:45:30

GENERAL INFORMATION:

Formation: **LKC J-K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:05:59

Time Test Ended: 11:35:29

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 28

Interval: **3540.00 ft (KB) To 3570.00 ft (KB) (TVD)**

Total Depth: 3570.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2154.00 ft (KB)

2149.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8167

Inside

Press@RunDepth: 15.37 psig @ 3541.01 ft (KB)

Start Date: 2006.05.09

End Date: 2006.05.09

Capacity: 7000.00 psig

Last Calib.: 2006.05.09

Start Time: 07:45:30

End Time: 11:35:29

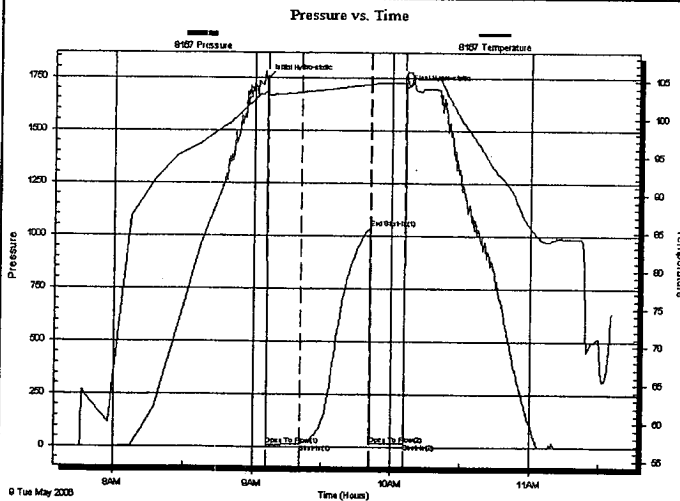
Time On Btm: 2006.05.09 @ 09:05:29

Time Off Btm: 2006.05.09 @ 10:05:59

TEST COMMENT: IFP Wk bl thru-out 1/4 in bl

FFP No bl

Times 15 30 15 out



PRESSURE SUMMARY

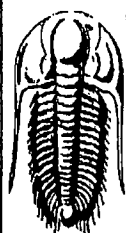
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1744.23	103.55	Initial Hydro-static
1	12.37	103.10	Open To Flow (1)
15	15.37	103.50	Shut-In(1)
45	1038.96	104.52	End Shut-In(1)
46	17.56	104.41	Open To Flow (2)
60	19.84	104.80	Shut-In(2)
61	1700.67	105.58	Final Hydro-static

Recovery

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

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company LLC

Worcester Unit #1-13

PO Box 428
Logan KS 67646

13 7S 22W Graham KS

Job Ticket: 24289

DST#: 3

ATTN: Jim Baird

Test Start: 2006.05.09 @ 07:45:30

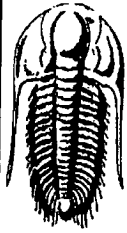
Tool Information

Drill Pipe:	Length: 3410.00 ft	Diameter: 3.80 inches	Volume: 47.83 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 50000.00 lb
			Total Volume: 48.42 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3540.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.02 ft			
Tool Length:	51.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Change Over Sub	1.00			3520.00	
Shut In Tool	5.00			3525.00	
Hydraulic tool	5.00			3530.00	
Packer	5.00			3535.00	21.00 Bottom Of Top Packer
Packer	5.00			3540.00	
Stubb	1.00			3541.00	
Recorder	0.01	8167	Inside	3541.01	
Perforations	26.00			3567.01	
Recorder	0.01	13534	Outside	3567.02	
Bullnose	3.00			3570.02	30.02 Bottom Packers & Anchor
Total Tool Length:	51.02				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company LLC

Worcester Unit #1-13

PO Box 428
Logan KS 67646

13 7S 22W Graham KS

ATTN: Jim Baird

Job Ticket: 24289 **DST#: 3**

Test Start: 2006.05.09 @ 07:45:30

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: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.37 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

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

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

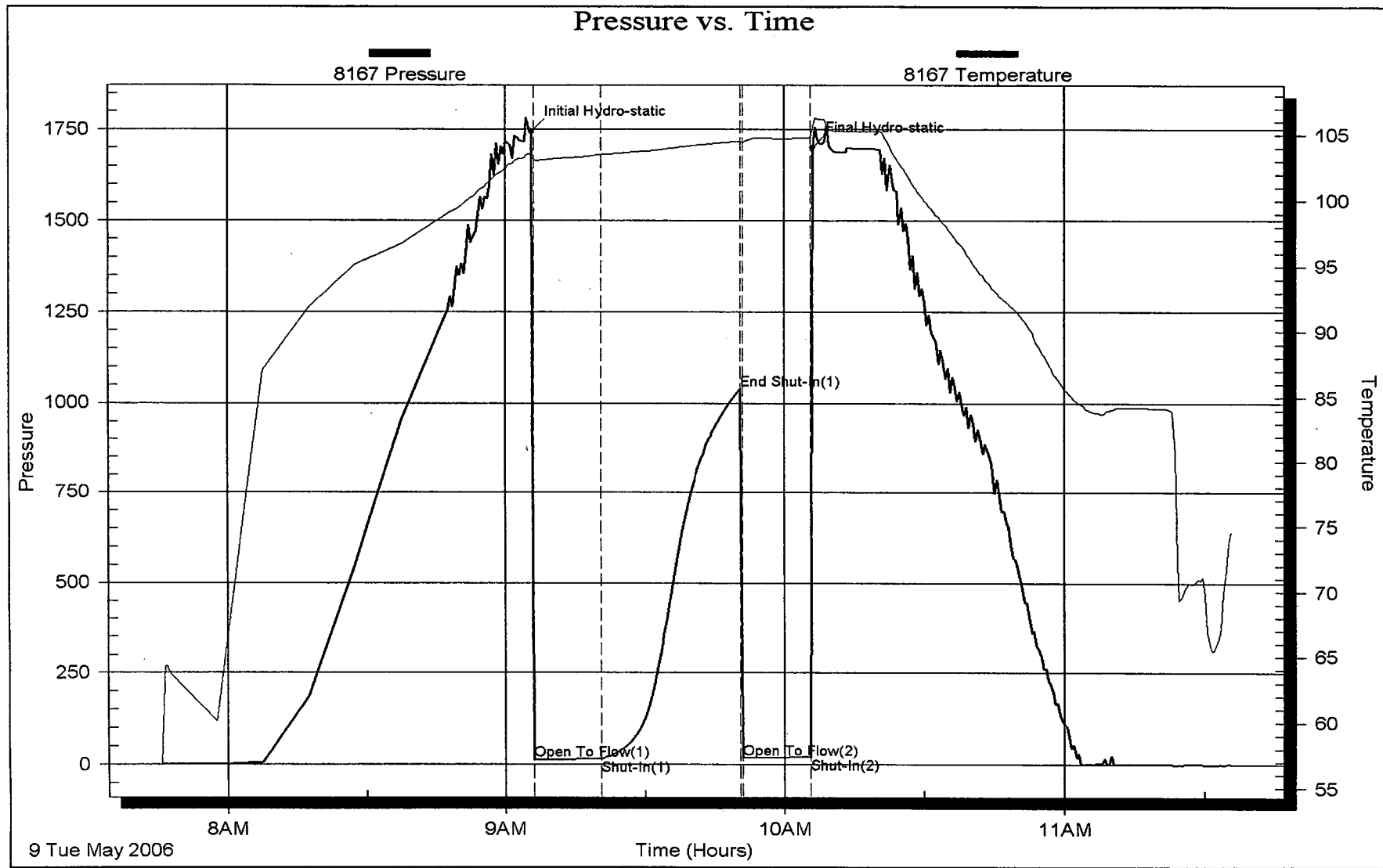
Num Gas Bombs: 0

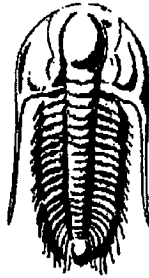
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company LLC**

PO Box 428
Logan KS 67646

ATTN: Jim Baird

13 7S 22W Graham KS

Worcester Unit #1-13

Start Date: 2006.05.09 @ 21:02:59

End Date: 2006.05.10 @ 04:01:58

Job Ticket #: 24290 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Baird Oil Company LLC

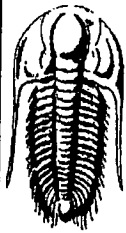
Worcester Unit #1-13

13 7S 22W Graham KS

DST # 4

Arbuckle

2006.05.09



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Baird Oil Company LLC

Worcester Unit #1-13

PO Box 428
Logan KS 67646

13 7S 22W Graham KS

ATTN: Jim Baird

Job Ticket: 24290

DST#: 4

Test Start: 2006.05.09 @ 21:02:59

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:31:58

Time Test Ended: 04:01:58

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 28

Interval: **3637.00 ft (KB) To 3685.00 ft (KB) (TVD)**

Total Depth: 3685.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2154.00 ft (KB)

2149.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8167 Inside

Press@RunDepth: 220.69 psig @ 3638.01 ft (KB)

Start Date: 2006.05.09

End Date:

2006.05.10

Start Time: 21:02:59

End Time:

04:01:58

Capacity: 7000.00 psig

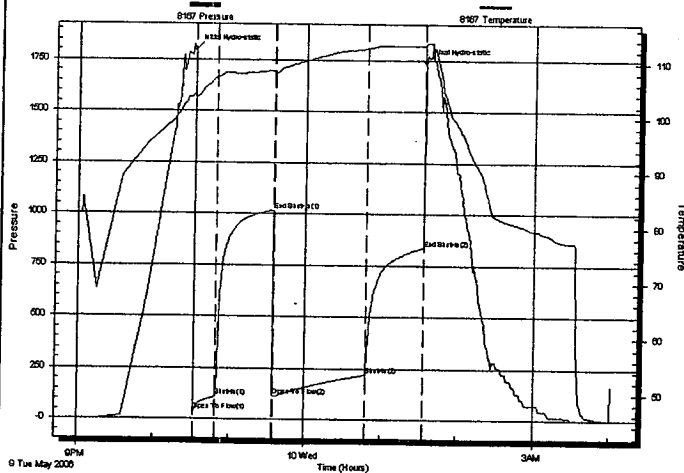
Last Calib.: 2006.05.10

Time On Btm: 2006.05.09 @ 22:31:28

Time Off Btm: 2006.05.10 @ 01:33:28

TEST COMMENT: IFF Wk to strg in 8"
FFP Wk to strg in 10"
Times 15 45 45 45
ISI Wk bl bk 1/4 in bl

Pressure vs. Time



PRESSURE SUMMARY

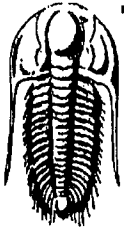
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1799.99	104.35	Initial Hydro-static
1	41.05	103.58	Open To Flow (1)
18	111.00	107.29	Shut-In (1)
63	1016.61	108.48	End Shut-In (1)
64	115.19	108.11	Open To Flow (2)
137	220.69	112.58	Shut-In (2)
182	836.07	113.13	End Shut-In (2)
182	1737.84	113.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MGO 10%G 56%O 34%M	0.59
60.00	MGO 10%G 70%O 20%M	0.84
330.00	CO	4.63
0.00	150' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company LLC

Worcester Unit #1-13

PO Box 428
Logan KS 67646

13 7S 22W Graham KS

Job Ticket: 24290 **DST#: 4**

ATTN: Jim Baird

Test Start: 2006.05.09 @ 21:02:59

Tool Information

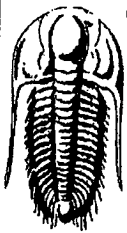
Drill Pipe:	Length: 3506.00 ft	Diameter: 3.80 inches	Volume: 49.18 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 55000.00 lb
			Total Volume: 49.77 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3637.00 ft			Final 39000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.02 ft			
Tool Length:	69.02 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			3617.00	
Shut In Tool	5.00			3622.00	
Hydraulic tool	5.00			3627.00	
Packer	5.00			3632.00	21.00 Bottom Of Top Packer
Packer	5.00			3637.00	
Stubb	1.00			3638.00	
Recorder	0.01	8167	Inside	3638.01	
Perforations	12.00			3650.01	
Blank Spacing	32.00			3682.01	
Recorder	0.01	13534	Outside	3682.02	
Bullnose	3.00			3685.02	48.02 Bottom Packers & Anchor

Total Tool Length: 69.02



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company LLC

Worcester Unit #1-13

PO Box 428
Logan KS 67646

13 7S 22W Graham KS

ATTN: Jim Baird

Job Ticket: 24290 DST#: 4

Test Start: 2006.05.09 @ 21:02:59

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: 54.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.79 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 2600.00 ppm		
Filter Cake: 2.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	MGO 10%G 56%O 34%M	0.590
60.00	MGO 10%G 70%O 20%M	0.842
330.00	CO	4.629
0.00	150' GIP	0.000

Total Length: 510.00 ft Total Volume: 6.061 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

