

Operator Name: Baird Oil Company LLC Lease Name: Roy Unit Well #: 1-8
 Sec. 8 Twp. 7 S. R. 20 East West County: Rooks 200' East & 300' North 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	Top Anhydrite	1728	+440
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	3137	-970
List All E. Logs Run:		Heebner	3347	-1180
		Toronto	3369	-1203
		Lansing	3384	-1218
		BKC	3575	-1409
		Arbuckle	3613	-1447
		LTD	3639	-1475

RAG Log, Micro Log

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	24	207'	Standard	160	3% cc 2% gel
Production Pipe	7 7/8	5 1/2	14	3617'	60/40 Poz	425	2% gel 12# Gils 18% salt

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3420-3422	1300 gal 15% NE	3420

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8	3630			
Date of First, Resumerd Production, SWD or Enhr.			Producing Method			
July 3, 2006			<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Litt <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
	20		5		32	

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

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

Production Interval _____

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Allied Cementing Co., Inc
P.O. Box 31
Russell, KS 67665

* * * * *
* I N V O I C E *
* * * * *

Invoice Number: 102520

Invoice Date: 05/24/06

KCC
AUG 23 2006
CONFIDENTIAL

Sold Baird Oil Company LLC
To: P. O. Box 428
Logan, KS
67646

Cust I.D.....: Baird
P.O. Number...: Roy Unit 1-8
P.O. Date.....: 05/24/06

Due Date.: 06/23/06
Terms.....: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	160.00	SKS	10.6500	1704.00	T
Gel	3.00	SKS	16.6500	49.95	T
Chloride	5.00	SKS	46.6000	233.00	T
Handling	168.00	SKS	1.9000	319.20	E
Mileage	75.00	MILE	13.4400	1008.00	E
168 sks @>08 per sk per mi					
Surface	1.00	JOB	815.0000	815.00	E
Mileage pmp trk	75.00	MILE	5.5000	412.50	E
Wood Plug	1.00	EACH	60.0000	60.00	T

All Prices Are Net, Payable 30 Days Following	Subtotal:	4601.65
Date of Invoice. 1 1/2% Charged Thereafter.	Tax.....:	108.49
If Account CURRENT take Discount of \$ <u>-0-</u>	Payments:	0.00
ONLY if paid within 30 days from Invoice Date	Total....:	4710.14

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

SERVICE POINT:

Russell

AUG 23 2006

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DATE <u>5/20/06</u>	SEC. <u>8</u>	TWP. <u>7</u>	RANGE <u>20</u>	CALLED OUT	ON-LOCATION <u>7:30pm</u>	JOB START <u>8:30pm</u>	JOB FINISH <u>8:45pm</u>
LEASE <u>Roy Unit</u>	WELL# <u>1-8</u>	LOCATION <u>Damar + 24 1/2</u>	<u>5 N</u>			COUNTY <u>Rooks</u>	STATE <u>Ks.</u>
OLD OR <u>NEW</u> (Circle one)			<u>1/2 FE 5 int.</u>				

CONTRACTOR W W Drilling Rig 2

OWNER

TYPE OF JOB Surface Job

HOLE SIZE 12 1/4 T.D. 207

CASING SIZE 8 1/2 24" DEPTH 206

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 12 661

EQUIPMENT

PUMP TRUCK CEMENTER Shane

409 HELPER Chris

BULK TRUCK

395 DRIVER Doug

BULK TRUCK

DRIVER

CEMENT

AMOUNT ORDERED 160 Com 39.00

29.60

COMMON 160 @ 1065 1704.00

POZMIX @

GEL 3 @ 1665 4995

CHLORIDE 5 @ 4662 233.00

ASC @

HANDLING 160 @ 190 319.20

MILEAGE 8E/SK/MILE 1608.00

TOTAL 3314.45

REMARKS:

Cement Cure!

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 815.00

EXTRA FOOTAGE @

MILEAGE 75 @ 550 412.50

MANIFOLD @

@

@

TOTAL 1227.50

CHARGE TO: Baird Oil Company LLC

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

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



Invoice

DATE	INVOICE #
6/6/2006	9961

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.	#1-8	Roy Unit	Rooks	Leon's Drilling Se...	Oil	Development	Cement Port Collar	Dave

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	70	Miles	4.00	280.00
578D-D	Pump Charge - Port Collar - 1746 Feet	1	Job	1,250.00	1,250.00
290	D-Air	2	Gallon(s)	32.00	64.00T
330	Swift Multi-Density Standard (MIDCON II)	185	Sacks	12.00	2,220.00T
276	Flocele	50	Lb(s)	1.25	62.50T
581D	Service Charge Cement	200	Sacks	1.10	220.00
583D	Drayage	697.2	Ton Miles	1.00	697.20
	Subtotal				4,793.70
	Sales Tax Rooks County			5.30%	124.36

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We Appreciate Your Business!	Total	\$4,918.06
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CHARGE TO: Bandoil
 ADDRESS: KCC
 CITY, STATE, ZIP CODE: AUG 23 2006
CONFIDENTIAL

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TICKET No 9961

PAGE 1 OF 1

1. SERVICE LOCATIONS <u>HAYS</u>	WELL/PROJECT NO. <u>1-8</u>	LEASE <u>Roy Unit</u>	COUNTY/PARISH <u>Rooks</u>	STATE <u>KS</u>	CITY	DATE <u>06-06-06</u>	OWNER
2. <u>NESS</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO. <u>Ledis</u>	SHIPPED VIA <u>LT</u>	DELIVERED TO <u>Sw 1/2 Sec 1/2 S into Dancig</u>	ORDER NO. <u>24 Hing</u>	
3.	WELL TYPE <u>Dil</u>	WELL CATEGORY <u>Develop</u>	JOB PURPOSE <u>CMT. Brit Colbr</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 #105	70	mi			4.00	280.00
578		1			Pump Service	1	eq	1746	ft	12.50	1250.00
290		1			D-Air	2	ssl			32.00	64.00
330		2			SMD cement	185	sk			12.00	2220.00
276		2			Flocele	50	lb			1.25	62.50
581		2			Service Chg CMT	200	sk			1.10	220.00
583		2			Draysse	6972	tm			1.00	6972.00

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 Jim Beard

DATE SIGNED 06-06-06 TIME SIGNED 0850 A.M. P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				4793 70
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				<u>Rooks TAX 5.3%</u>
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				124 36
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL 4918 06

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

SWIFT OPERATOR Dave Ash APPROVAL _____

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 06-06-06 PAGE NO. 1

CUSTOMER Bard Oil WELL NO. 1-8 LEASE Roy Unit JOB TYPE CM7 - Port Collar TICKET NO. 9961

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0850							DUPLICATIONS unlead Tbs
								200SKS SMD 1/4" Floack
								2 1/2 Tbs, Sbase. Port Collar e 1746 NBS ^{F7}
	0935							Start P.C. Tool & Tbs
	10X5							Find PC
	1050			✓	✓	1000	1000	PSZ Test
								Work on PT.
	1025	2.5	4	✓		400		Open PC, Inj. Note
		4.5	0	✓		450		St. Mixing CM7 @ 11.2 gal
		4.5	6	✓		400		Start to Circ. top pit
		4.5	90	✓		600		Circ CM7 top pit St. Mixing 14 gal
		4.5	96	✓		600		end CM7
		4.0	0	✓		550		Start to Drop
		4.0	6.0	✓		600		end to Drop
								Close P.C.
	1155			✓	✓	1000	1000	PSZ Test
								Run 5 Joints
	1205	3.0	0	✓		300		Run out
		3.0	6.0	✓		300		1st Flg
		3.0	11.0	✓		250		2nd Flg
		3.0	16.0	✓		200		All Clear
	1225							Flow Test Tool
								Wash up
								Pack up
								Tickets
								Write on P.C. Tool.
								Job Complete
								Thank You!
								Dave Blake, Rob

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

Invoice

DATE	INVOICE #
5/27/2006	10114

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

- Acidizing
- Cement
- Tool Rental

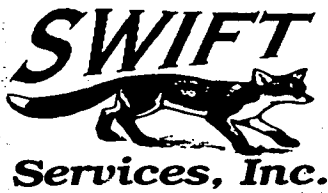
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TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30.	#1-8	Roy Unit	Rooks	WW Drilling	Oil	Development	Cement LongStri...	Nick

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
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	11	Each	60.00	660.00T
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
280	Flocheck 21	500	Gallon(s)	2.00	1,000.00T
326	60/40 Pozmix (2% Gel)	40	Sacks	7.30	292.00T
277	Gilsonite (Coal Seal)	500	Lb(s)	0.40	200.00T
325	Standard Cement	200	Sacks	9.60	1,920.00T
283	Salt	1,550	Lb(s)	0.20	310.00T
285	CFR-2	94	Lb(s)	4.00	376.00T
276	Flocele	50	Lb(s)	1.25	62.50T
581D	Service Charge Cement	200	Sacks	1.10	220.00
583D	Drayage	728.23	Ton Miles	1.00	728.23
	Subtotal				11,048.73
	Sales Tax Rooks County			5.30%	456.36

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Thank You For Your Business!	Total	\$11,505.09
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CHARGE TO: *Baird Oil Co* **KCC**
 ADDRESS: *AUG 23 2006*
 CITY, STATE, ZIP CODE: **CONFIDENTIAL**

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 KCC WICHITA

TICKET No 10114
 PAGE 1 OF 2

SERVICE LOCATIONS 1. <i>Hays, Ks</i> 2. <i>Ness City, Ks</i>	WELL/PROJECT NO. <i>1-8</i>	LEASE <i>Roy Unit</i>	COUNTY/PARISH <i>Rooks</i>	STATE <i>Ks</i>	CITY	DATE <i>5-27-06</i>	OWNER <i>Same</i>
TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>W&W #2</i>	RIG NAME/NO.	SHIPPED VIA <i>elt</i>	DELIVERED TO <i>Location</i>	ORDER NO.		
WELL TYPE <i>oil</i>	WELL CATEGORY <i>Development</i>	JOB PURPOSE <i>conest long string</i>	WELL PERMIT NO.	WELL LOCATION			
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #103	60	mi			4.00	240.00
578		1			Pump Charge Longstring	1	ea			1250.00	1250.00
405		1			Formation Packer Shoe	1	ea	5 1/2"		1350.00	1350.00
406		1			L.D Plug + Baffle	1	ea			210.00	210.00
402		1			Centralizers	11	ea			60.00	660.00
403		1			Basket	1	ea			230.00	230.00
404		1			Port Collar	1	ea			2000.00	2000.00
280		1			Flochek	500	gal			2.00	1000.00

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: *5-28-06* TIME SIGNED: *0130* 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 1	6940.00
page 2	4108.73
Subtotal	11048.73
Rooks TAX 5.3%	456.36
TOTAL	11,505.09

JOB LOG

SWIFT Services, Inc.

DATE 5-27-06 PAGE NO. 1

CUSTOMER *Baird Oil Co* WELL NO. *1-8* LEASE *Ray Unit* JOB TYPE *Cement long string* TICKET NO. *10114*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2000							on loc w/ FE RTD 3640' LTD 3639' 5 1/2" X 15.5 X 3689' X 10'55" Cent. 1, 3, 4, 5, 6, 7, 8, 9, 10, 23, 46 Basket bottom of 47 Port Collar Top of 47 @ 1746'
	2130							Trks on loc / setup Trks
	2140							start F.E
	2330							Break Circulation
	2340						1400	set Pkr Shoe @ 3617
	2345							circulate Desco 45 min
	0015	2	3					Plug RH 10 sks 40 Poz
	0025	4	0				150	start Preflushes 5 bbl w/ trk 500 gal Flochek 5 bbl w/ trk
	0031	5	22/0				200	start L Cement 30 sks 40 Poz
	0033	6	8/0				250	start T Cement 200 sks Standard
	0040		44					End Cement Wash P/L Drop Plug
	0043	6.5	0				100	start Displacement
	0051	5	855				250	Catch Cement
	0058		86				800 / 1200	Land Plug Release Pressure Float held

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Thank you
Nick, Josh & Brett

08/23/08

Baird Oil Company, LLC

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

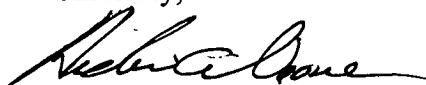
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AUG 23 2006
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August 23, 2006

Dear folks,

Please find the enclosed ACO-1 Form and all attachments for Baird Oil Company's Roy #1-8 unit; API #: 15-163-23531-0000. 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.

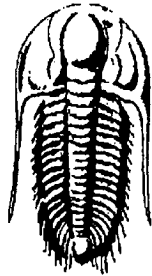
Sincerely,



Andrew C. Noone
Baird Oil Company

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co LLC**

Box 428
Logan KS 67646

ATTN: Jim Baird

8 7 20 Rooks KS

Roy Unit # 1-4

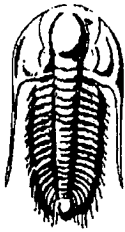
Start Date: 2006.05.23 @ 18:50:52

End Date: 2006.05.23 @ 23:58:22

Job Ticket #: 23075 DST #: 1

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JAN 21 2009
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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 Co LLC
Box 428
Logan KS 67646
ATTN: Jim Baird

Roy Unit # 1-4

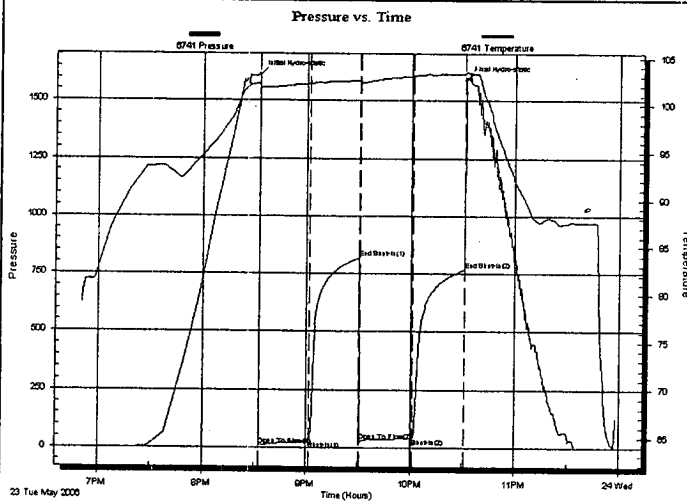
8 7 20 Rooks KS
Job Ticket: 23075 **DST#: 1**
Test Start: 2006.05.23 @ 18:50:52

GENERAL INFORMATION:

Formation: **Toronto**
Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole**
Time Tool Opened: **20:33:07** Tester: **Dan Bangle**
Time Test Ended: **23:58:22** Unit No: **21**
Interval: **3353.00 ft (KB) To 3380.00 ft (KB) (TVD)** Reference Elevations: **2165.00 ft (KB)**
Total Depth: **3380.00 ft (KB) (TVD)** **2160.00 ft (CF)**
Hole Diameter: **7.88 inches** Hole Condition: **Good** KB to GR/CF: **5.00 ft**

Serial #: 6741 **Inside**
Press@RunDepth: **41.43 psig @ 3354.00 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2006.05.23** End Date: **2006.05.23** Last Calib.: **2006.05.24**
Start Time: **18:50:54** End Time: **23:58:22** Time On Btm: **2006.05.23 @ 20:32:52**
Time Off Btm: **2006.05.23 @ 22:31:37**

TEST COMMENT: IF Weak steady surf blow
FF No blow
Times 30 30 30 30



PRESSURE SUMMARY

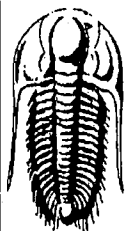
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1612.33	102.34	Initial Hydro-static
1	9.65	102.00	Open To Flow (1)
29	27.77	102.25	Shut-In(1)
58	817.11	102.58	End Shut-In(1)
59	30.64	102.38	Open To Flow (2)
89	41.43	103.08	Shut-In(2)
119	767.33	103.34	End Shut-In(2)
119	1587.69	103.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	DM	0.32

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co LLC

Roy Unit # 1-4

Box 428
Logan KS 67646

8 7 20 Rooks KS

Job Ticket: 23075

DST#: 1

ATTN: Jim Baird

Test Start: 2006.05.23 @ 18:50:52

Tool Information

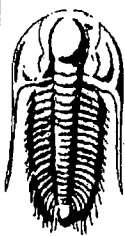
Drill Pipe:	Length: 3240.00 ft	Diameter: 3.80 inches	Volume: 45.45 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 46.05 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3353.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	48.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3333.00	
Shut In Tool	5.00			3338.00	
Hydraulic tool	5.00			3343.00	
Packer	5.00			3348.00	21.00 Bottom Of Top Packer
Packer	5.00			3353.00	
Stubb	1.00			3354.00	
Recorder	0.00	6741	Inside	3354.00	
Perforations	23.00			3377.00	
Recorder	0.00	13254	Outside	3377.00	
Bullnose	3.00			3380.00	27.00 Bottom Packers & Anchor
Total Tool Length:	48.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co LLC

Roy Unit # 1-4

Box 428
Logan KS 67646

8 7 20 Rooks KS

Job Ticket: 23075

DST#: 1

ATTN: Jim Baird

Test Start: 2006.05.23 @ 18:50:52

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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.17 in³

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 bbbl
65.00	DM	0.320

Total Length: 65.00 ft Total Volume: 0.320 bbl

Num Fluid Samples: 0

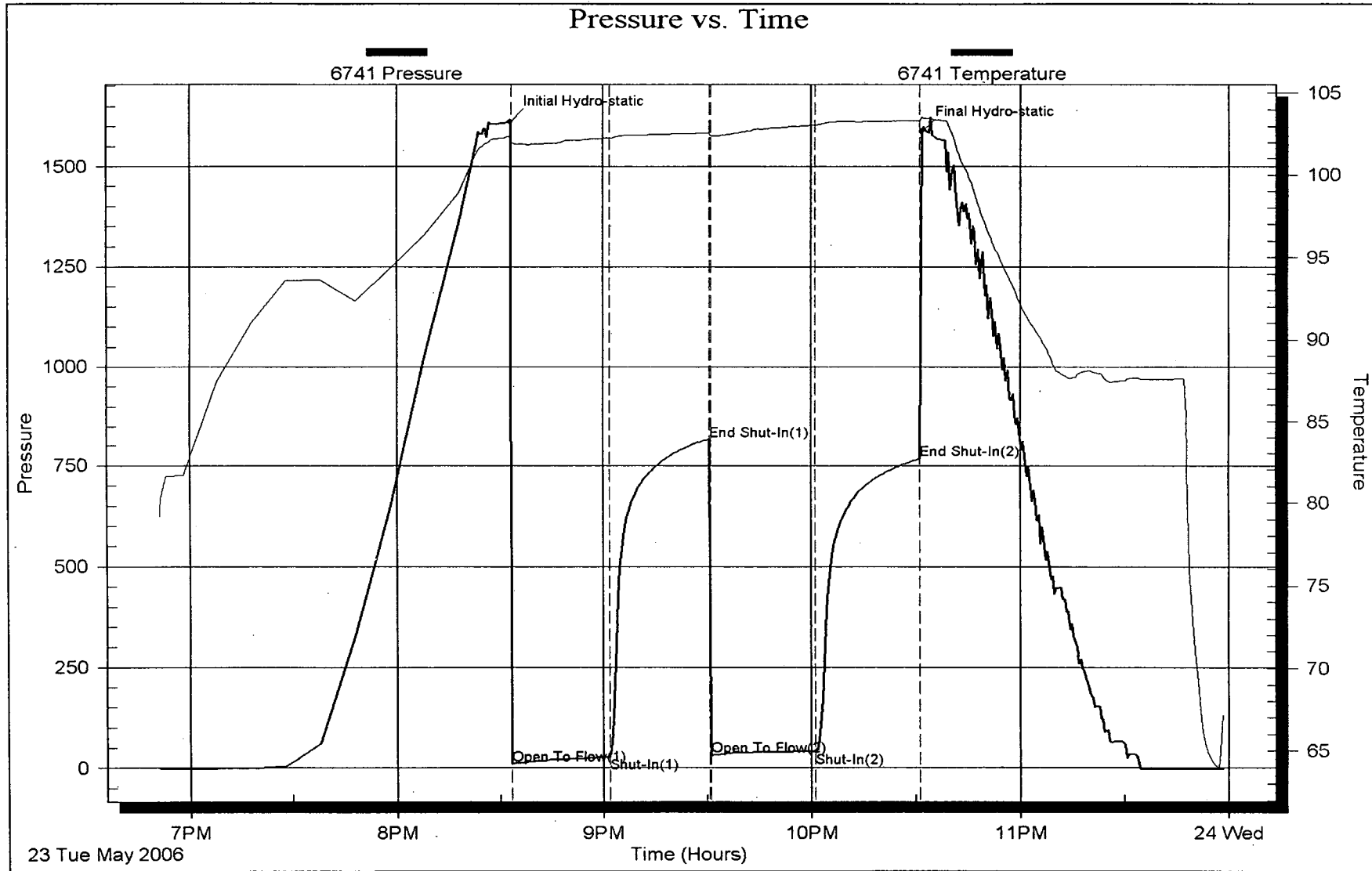
Num Gas Bombs: 0

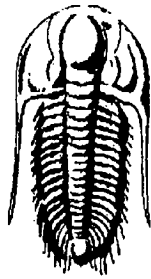
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co LLC**

Box 428
Logan KS 67646

ATTN: Jim Baird

8 7 20 Rooks KS

Roy Unit # 1-4

Start Date: 2006.05.24 @ 08:35:11

End Date: 2006.05.24 @ 14:44:26

Job Ticket #: 25076 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Baird Oil Co LLC

Roy Unit # 1-4

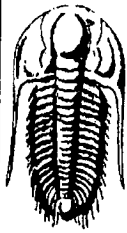
8 7 20 Rooks KS

DST # 2

C

LKC

2006.05.24



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Baird Oil Co LLC

Roy Unit # 1-4

Box 428
Logan KS 67646

8 7 20 Rooks KS

Job Ticket: 25076

DST#: 2

ATTN: Jim Baird

Test Start: 2006.05.24 @ 08:35:11

GENERAL INFORMATION:

Formation: **C LKC**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:25:11
 Time Test Ended: 14:44:26

Test Type: Conventional Bottom Hole
 Tester: Dan Bangle
 Unit No: 21

Interval: **3408.00 ft (KB) To 3431.00 ft (KB) (TVD)**
 Total Depth: 3431.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

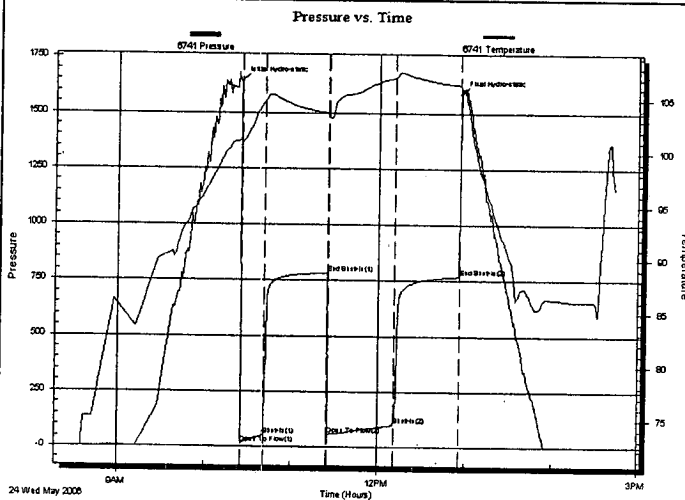
Reference Elevations: 2165.00 ft (KB)
 2160.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6741 Inside

Press@RunDepth: 100.11 psig @ 3409.00 ft (KB)
 Start Date: 2006.05.24 End Date: 2006.05.24
 Start Time: 08:35:13 End Time: 14:44:26

Capacity: 7000.00 psig
 Last Calib.: 2006.05.24
 Time On Btmr: 2006.05.24 @ 10:24:56
 Time Off Btmr: 2006.05.24 @ 12:56:11

TEST COMMENT: Hit bridge @ 1680' IF Strong B-B in 15"
 ISI Weak blow back-died in 15"
 FF Strong B-B in 15"
 FSI Weak blow back-died in 20"



PRESSURE SUMMARY

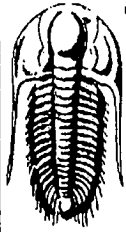
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1640.26	101.33	Initial Hydro-static
1	11.04	100.70	Open To Flow (1)
16	52.31	104.84	Shut-In(1)
60	783.03	103.80	End Shut-In(1)
61	57.38	103.45	Open To Flow(2)
106	100.11	107.09	Shut-In(2)
151	767.54	106.43	End Shut-In(2)
152	1583.97	106.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	OCM 50%O 50%M	0.30
174.00	CO	1.90
0.00	385 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co LLC
Box 428
Logan KS 67646
ATTN: Jim Baird

Roy Unit # 1-4
8 7 20 Rooks KS
Job Ticket: 25076 **DST#: 2**
Test Start: 2006.05.24 @ 08:35:11

Tool Information

Drill Pipe:	Length: 3272.00 ft	Diameter: 3.80 inches	Volume: 45.90 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 46.50 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3408.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	23.00 ft			
Tool Length:	44.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:
Hit bridge @ 1680'

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3388.00	
Shut In Tool	5.00			3393.00	
Hydraulic tool	5.00			3398.00	
Packer	5.00			3403.00	21.00 Bottom Of Top Packer
Packer	5.00			3408.00	
Stubb	1.00			3409.00	
Recorder	0.00	6741	Inside	3409.00	
Perforations	19.00			3428.00	
Recorder	0.00	13254	Outside	3428.00	
Bullnose	3.00			3431.00	23.00 Bottom Packers & Anchor
Total Tool Length:	44.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co LLC

Roy Unit # 1-4

Box 428
Logan KS 67646

8 7 20 Rooks KS

Job Ticket: 25076

DST#: 2

ATTN: Jim Baird

Test Start: 2006.05.24 @ 08:35:11

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.37 in³

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 bbf
62.00	OCM 50%O 50%M	0.305
174.00	CO	1.903
0.00	385 GIP	0.000

Total Length: 236.00 ft

Total Volume: 2.208 bbf

Num Fluid Samples: 0

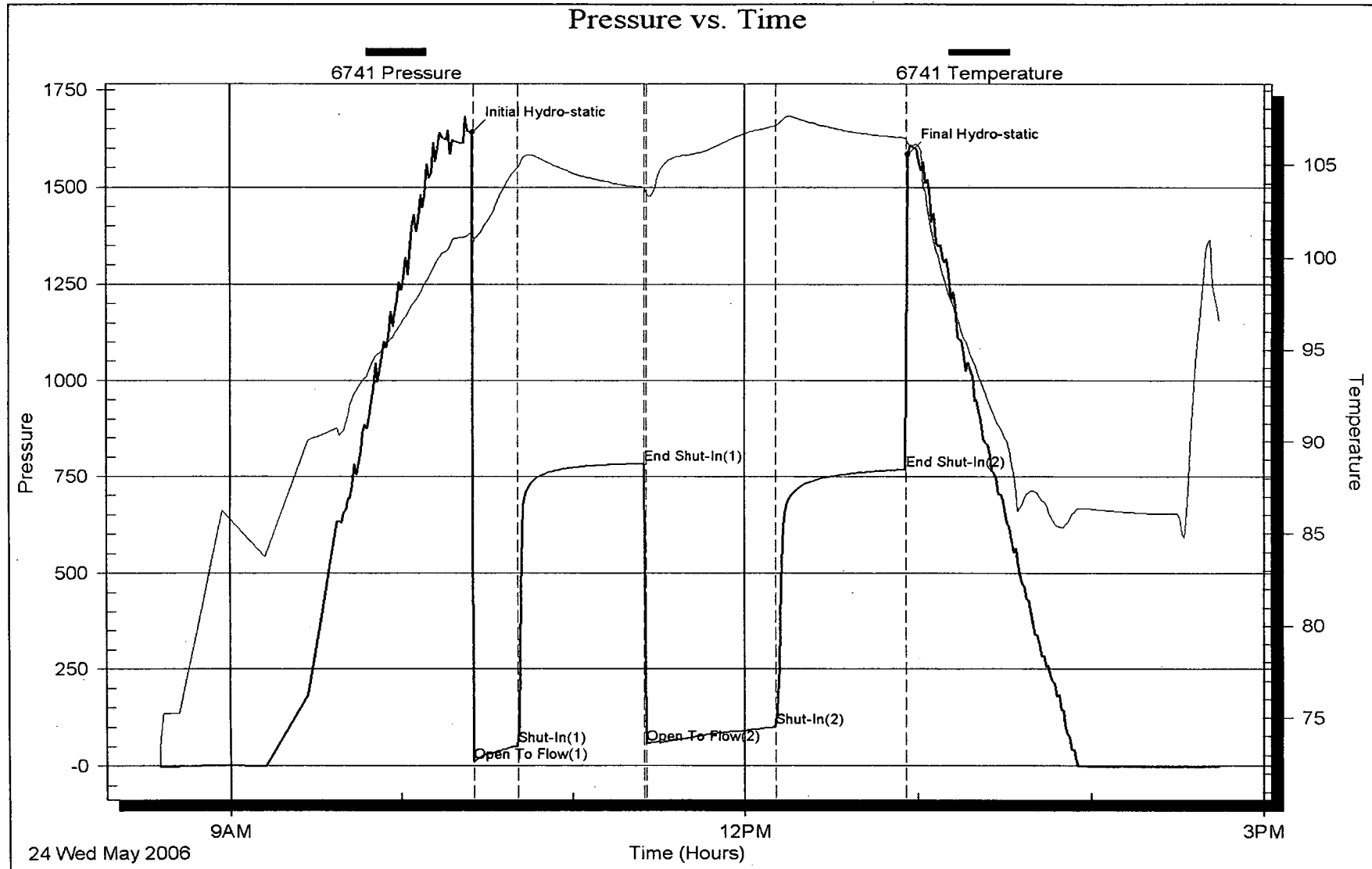
Num Gas Bombs: 0

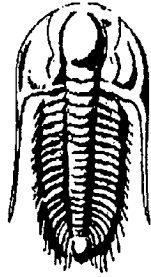
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co LLC**

Box 428
Logan KS 67646

ATTN: Jim Baird

8 7 20 Rooks KS

Roy Unit # 1-4

Start Date: 2006.05.24 @ 22:15:22

End Date: 2006.05.25 @ 03:17:22

Job Ticket #: 25077 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Baird Oil Co LLC

Roy Unit # 1-4

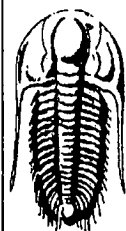
8 7 20 Rooks KS

DST # 3

D-E

LKC

2006.05.24



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co LLC

Roy Unit # 1-4

Box 428
Logan KS 67646

8 7 20 Rooks KS

Job Ticket: 25077

DST#: 3

ATTN: Jim Baird

Test Start: 2006.05.24 @ 22:15:22

Tool Information

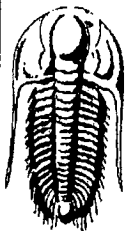
Drill Pipe:	Length: 3303.00 ft	Diameter: 3.80 inches	Volume: 46.33 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 46.93 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3429.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	31.00 ft			
Tool Length:	52.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3409.00	
Shut In Tool	5.00			3414.00	
Hydraulic tool	5.00			3419.00	
Packer	5.00			3424.00	21.00 Bottom Of Top Packer
Packer	5.00			3429.00	
Stubb	1.00			3430.00	
Recorder	0.00	6741	Inside	3430.00	
Perforations	27.00			3457.00	
Recorder	0.00	13254	Outside	3457.00	
Bullnose	3.00			3460.00	31.00 Bottom Packers & Anchor
Total Tool Length:	52.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co LLC

Roy Unit # 1-4

Box 428
Logan KS 67646

8 7 20 Rooks KS

Job Ticket: 25077

DST#: 3

ATTN: Jim Baird

Test Start: 2006.05.24 @ 22:15:22

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 6.38 in³

Resistivity: ohm.m

Salinity: 1000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	OCM 20%O 80%M	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

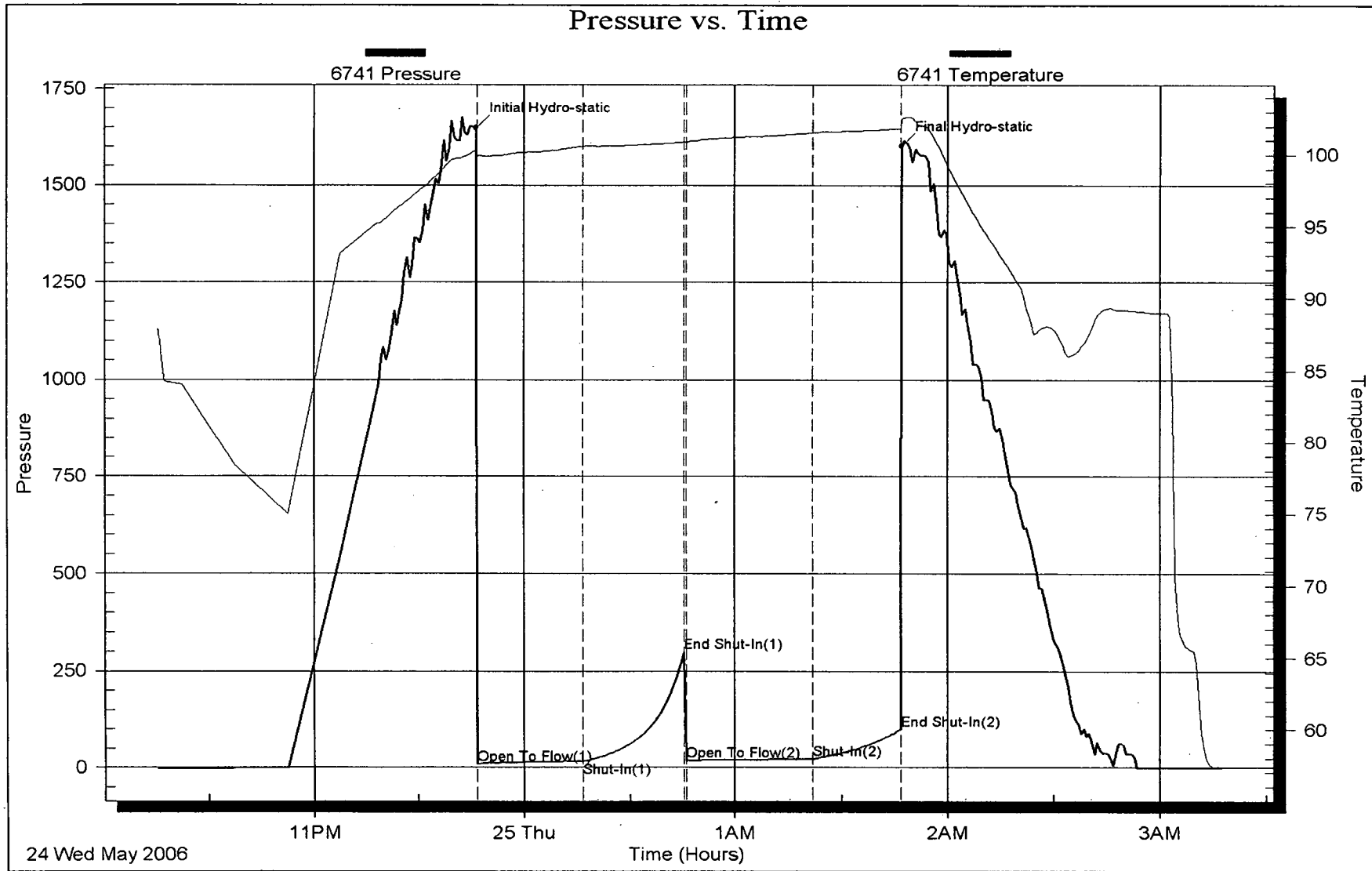
Num Gas Bombs: 0

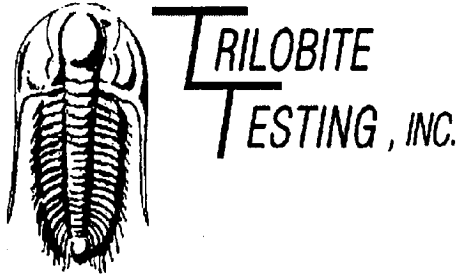
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co LLC**

Box 428
Logan KS 67646

ATTN: Jim Baird

8 7 20 Rooks KS

Roy Unit # 1-4

Start Date: 2006.05.25 @ 09:10:28

End Date: 2006.05.25 @ 14:45:43

Job Ticket #: 25078 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Baird Oil Co LLC

Roy Unit # 1-4

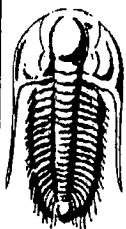
8 7 20 Rooks KS

DST # 4

F

LKC

2006.05.25



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Baird Oil Co LLC

Roy Unit # 1-4

Box 428
Logan KS 67646

8 7 20 Rooks KS

ATTN: Jim Baird

Job Ticket: 25078

DST#: 4

Test Start: 2006.05.25 @ 09:10:28

GENERAL INFORMATION:

Formation: **F LKC**

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

Time Tool Opened: 10:50:28

Time Test Ended: 14:45:43

Test Type: **Conventional Bottom Hole**

Tester: **Dan Bangle**

Unit No: **21**

Interval: **3457.00 ft (KB) To 3469.00 ft (KB) (TVD)**

Total Depth: **3469.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2165.00 ft (KB)**

2160.00 ft (CF)

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

Serial #: 6741

Inside

Press@RunDepth: **89.53 psig @ 3458.00 ft (KB)**

Start Date: **2006.05.25**

End Date:

2006.05.25

Start Time: **09:10:30**

End Time:

14:45:43

Capacity: **7000.00 psig**

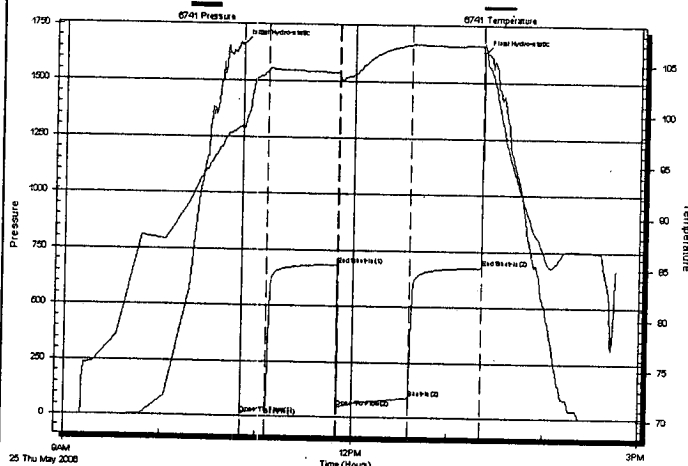
Last Calib.: **2006.05.25**

Time On Btm: **2006.05.25 @ 10:50:13**

Time Off Btm: **2006.05.25 @ 13:21:13**

TEST COMMENT: IF Weak building to 2 in
FF Weak building to 1 in
Times 15 45 45 45

Pressure vs. Time



PRESSURE SUMMARY

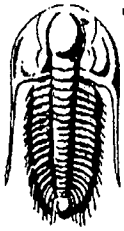
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1666.79	98.77	Initial Hydro-static
1	10.97	98.48	Open To Flow (1)
16	40.95	104.22	Shut-In(1)
60	684.04	104.12	End Shut-In(1)
61	45.71	103.86	Open To Flow (2)
106	89.53	106.97	Shut-In(2)
151	677.23	106.88	End Shut-In(2)
151	1634.06	107.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	W w/scum Oil	1.00
0.00	Rw .13 @ 80 = 72000ppm	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co LLC
Box 428
Logan KS 67646
ATTN: Jim Baird

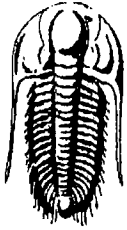
Roy Unit # 1-4
8 7 20 Rooks KS
Job Ticket: 25078 **DST#: 4**
Test Start: 2006.05.25 @ 09:10:28

Tool Information

Drill Pipe:	Length: 3334.00 ft	Diameter: 3.80 inches	Volume: 46.77 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose:	55000.00 lb
			<u>Total Volume: 47.37 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial	44000.00 lb
Depth to Top Packer:	3457.00 ft			Final	44000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	12.00 ft				
Tool Length:	33.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3437.00	
Shut In Tool	5.00			3442.00	
Hydraulic tool	5.00			3447.00	
Packer	5.00			3452.00	21.00 Bottom Of Top Packer
Packer	5.00			3457.00	
Stubb	1.00			3458.00	
Recorder	0.00	6741	Inside	3458.00	
Perforations	8.00			3466.00	
Recorder	0.00	13254	Outside	3466.00	
Bullnose	3.00			3469.00	12.00 Bottom Packers & Anchor
Total Tool Length:	33.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co LLC

Roy Unit # 1-4

Box 428
Logan KS 67646

8 7 20 Rooks KS

Job Ticket: 25078

DST#: 4

ATTN: Jim Baird

Test Start: 2006.05.25 @ 09:10:28

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:

72000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.78 in³

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 bbf
150.00	W w/scum Oil	1.002
0.00	Rw .13 @ 80 = 72000ppm	0.000

Total Length: 150.00 ft Total Volume: 1.002 bbf

Num Fluid Samples: 0

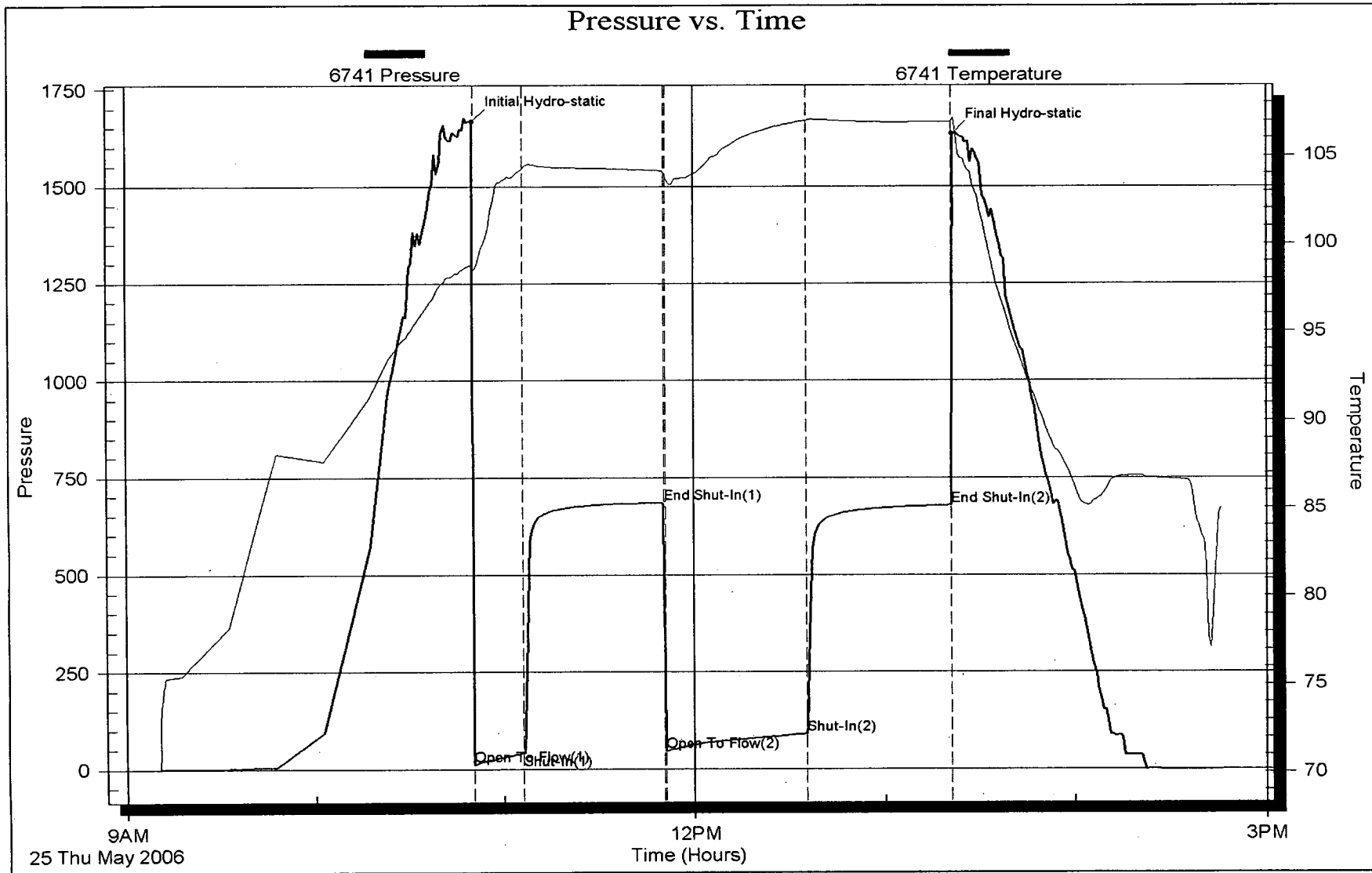
Num Gas Bombs: 0

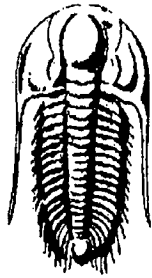
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co LLC**

Box 428
Logan KS 67646

ATTN: Jim Baird

8 7 20 Rooks KS

Roy Unit # 1-4

Start Date: 2006.05.26 @ 02:00:20

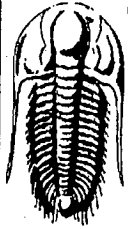
End Date: 2006.05.26 @ 06:06:05

Job Ticket #: 25079 DST #: 5

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 Co LLC

Roy Unit # 1-4

Box 428
Logan KS 67646

8 7 20 Rooks KS

ATTN: Jim Baird

Job Ticket: 25079

DST#: 5

Test Start: 2006.05.26 @ 02:00:20

GENERAL INFORMATION:

Formation: **I-J LKC**
Deviated: **No Whipstock:** ft (KB)

Test Type: **Conventional Bottom Hole**

Time Tool Opened: **03:34:20**

Tester: **Dan Bangle**

Time Test Ended: **06:06:05**

Unit No: **21**

Interval: **3518.00 ft (KB) To 3555.00 ft (KB) (TVD)**

Reference Elevations: **2165.00 ft (KB)**

Total Depth: **3555.00 ft (KB) (TVD)**

2160.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition: **Good**

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

Serial #: 6741 **Inside**

Press@RunDepth: **15.83 psig @ 3519.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2006.05.26** End Date: **2006.05.26**

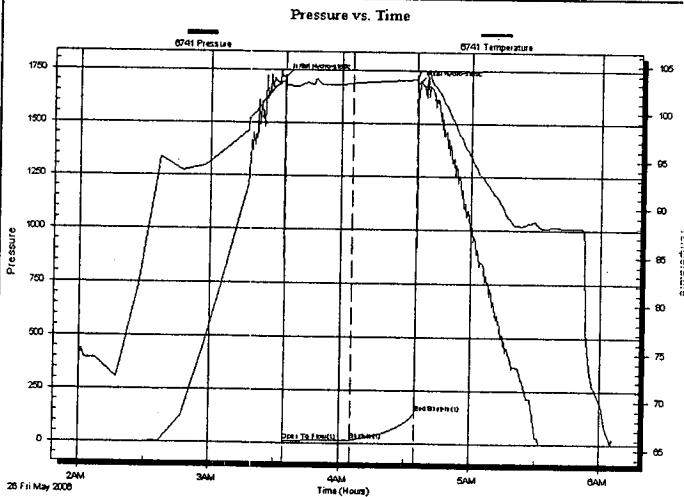
Last Calib.: **2006.05.26**

Start Time: **02:00:22** End Time: **06:06:05**

Time On Btm: **2006.05.26 @ 03:34:05**

Time Off Btm: **2006.05.26 @ 04:35:05**

**TEST COMMENT: IF Weak died in 20"
Times 30 30**



PRESSURE SUMMARY

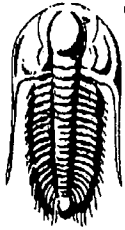
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1713.02	103.29	Initial Hydro-static
1	8.89	102.82	Open To Flow (1)
32	15.83	103.09	Shut-In(1)
61	146.02	103.54	End Shut-In(1)
61	1687.18	103.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w/Oil spots	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co LLC
Box 428
Logan KS 67646
ATTN: Jim Baird

Roy Unit # 1-4
8 7 20 Rooks KS
Job Ticket: 25079 **DST#: 5**
Test Start: 2006.05.26 @ 02:00:20

Tool Information

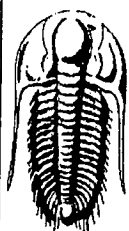
Drill Pipe:	Length: 3397.00 ft	Diameter: 3.80 inches	Volume: 47.65 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 48.25 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3518.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	37.00 ft			
Tool Length:	58.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Change Over Sub	1.00			3498.00	
Shut In Tool	5.00			3503.00	
Hydraulic tool	5.00			3508.00	
Packer	5.00			3513.00	21.00 Bottom Of Top Packer
Packer	5.00			3518.00	
Stubb	1.00			3519.00	
Recorder	0.00	6741	Inside	3519.00	
Perforations	33.00			3552.00	
Recorder	0.00	13254	Outside	3552.00	
Bullnose	3.00			3555.00	37.00 Bottom Packers & Anchor
Total Tool Length:	58.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co LLC

Roy Unit # 1-4

Box 428
Logan KS 67646

8 7 20 Rooks KS

Job Ticket: 25079

DST#: 5

ATTN: Jim Baird

Test Start: 2006.05.26 @ 02:00:20

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 6.78 in³

Resistivity: ohm.m

Salinity: 1400.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud w/Oil spots	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

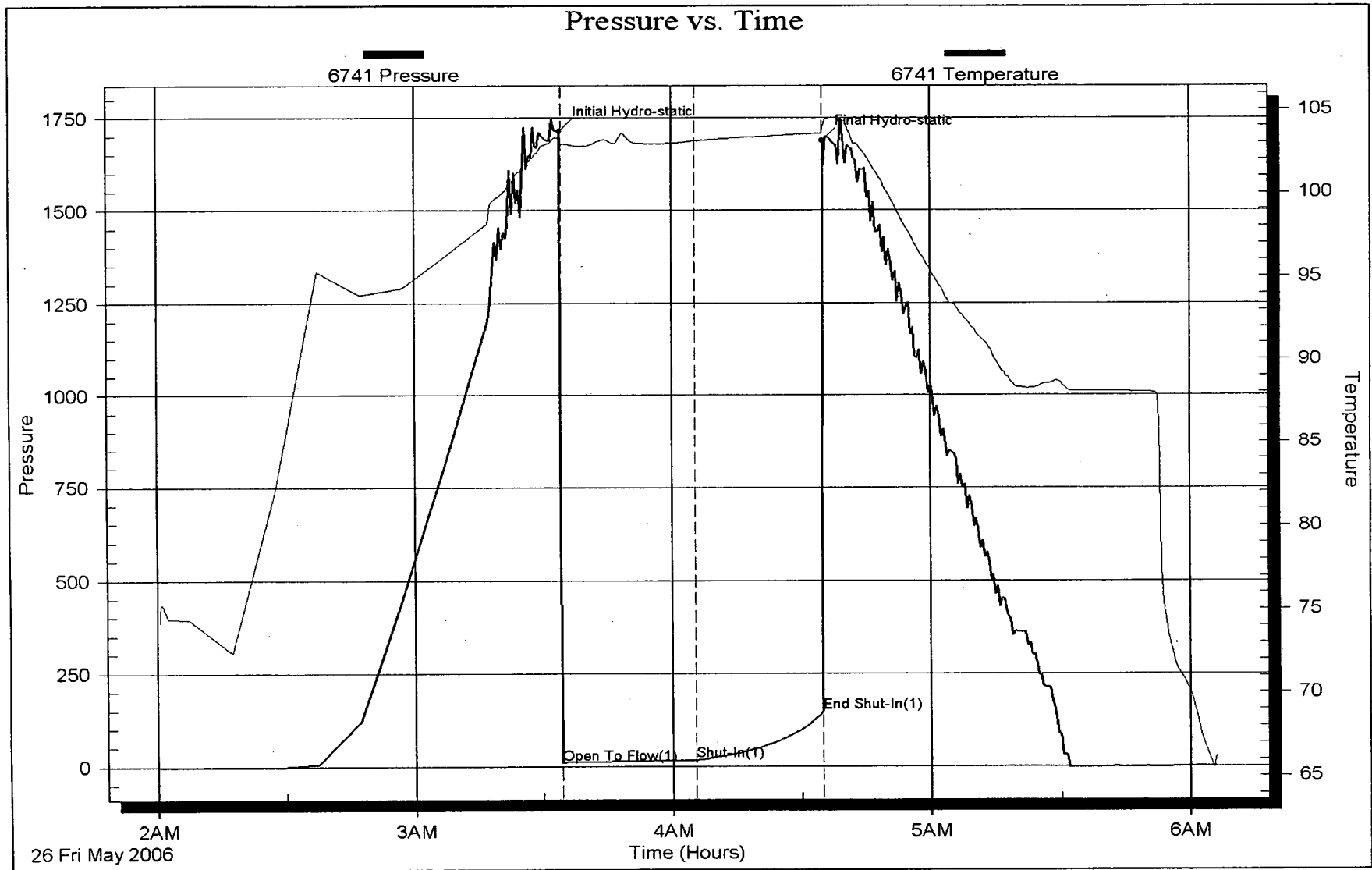
Num Gas Bombs: 0

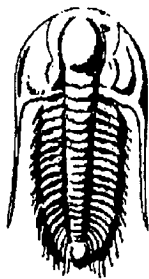
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co LLC**

Box 428
Logan KS 67646

ATTN: Jim Baird

8 7 20 Rooks KS

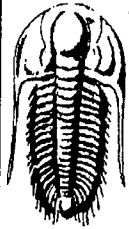
Roy Unit # 1-4

Start Date: 2006.05.26 @ 13:45:35

End Date: 2006.05.26 @ 17:41:35

Job Ticket #: 25080 DST #: 6

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 Co LLC

Roy Unit # 1-4

Box 428
Logan KS 67646

8 7 20 Rooks KS

ATTN: Jim Baird

Job Ticket: 25080

DST#: 6

Test Start: 2006.05.26 @ 13:45:35

GENERAL INFORMATION:

Formation: **L LKC**
 Deviated: **No Whipstock:** ft (KB)
 Time Tool Opened: 15:08:35
 Time Test Ended: 17:41:35

Test Type: Conventional Bottom Hole
 Tester: Dan Bangle
 Unit No: 21

Interval: **3564.00 ft (KB) To 3577.00 ft (KB) (TVD)**
 Total Depth: **3577.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2165.00 ft (KB)**
2160.00 ft (CF)
 KB to GR/CF: **5.00 ft**

Serial #: 6741

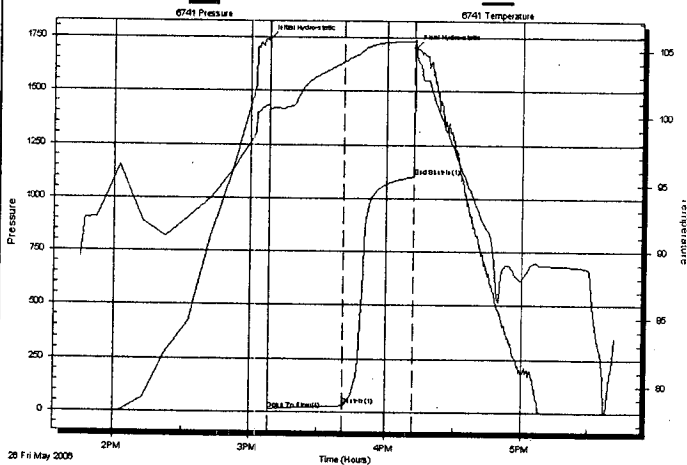
Inside

Press@RunDepth: **29.29 psig @ 3565.00 ft (KB)**
 Start Date: **2006.05.26** End Date: **2006.05.26**
 Start Time: **13:45:37** End Time: **17:41:35**

Capacity: **7000.00 psig**
 Last Calib.: **2006.05.26**
 Time On Btm: **2006.05.26 @ 15:08:20**
 Time Off Btm: **2006.05.26 @ 16:12:35**

TEST COMMENT: IF Weak died in 15"
 Times 30 30

Pressure vs. Time



PRESSURE SUMMARY

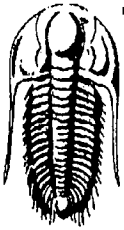
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1741.38	100.92	Initial Hydro-static
1	10.43	100.60	Open To Flow (1)
34	29.29	104.12	Shut-In(1)
64	1102.73	105.66	End Shut-In(1)
65	1701.02	105.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	OCM 10%O 90%M	0.22
5.00	CO	0.02

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co LLC
Box 428
Logan KS 67646
ATTN: Jim Baird

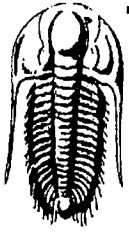
Roy Unit # 1-4
8 7 20 Rooks KS
Job Ticket: 25080 DST#: 6
Test Start: 2006.05.26 @ 13:45:35

Tool Information

Drill Pipe:	Length: 3428.00 ft	Diameter: 3.80 inches	Volume: 48.09 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose:	70000.00 lb
			<u>Total Volume: 48.69 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial	45000.00 lb
Depth to Top Packer:	3564.00 ft			Final	45000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	13.00 ft				
Tool Length:	34.00 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			3544.00	
Shut In Tool	5.00			3549.00	
Hydraulic tool	5.00			3554.00	
Packer	5.00			3559.00	21.00 Bottom Of Top Packer
Packer	5.00			3564.00	
Stubb	1.00			3565.00	
Recorder	0.00	6741	Inside	3565.00	
Perforations	9.00			3574.00	
Recorder	0.00	13254	Outside	3574.00	
Bullnose	3.00			3577.00	13.00 Bottom Packers & Anchor
Total Tool Length:	34.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co LLC

Roy Unit # 1-4

Box 428
Logan KS 67646

8 7 20 Rooks KS

Job Ticket: 25080

DST#: 6

ATTN: Jim Baird

Test Start: 2006.05.26 @ 13:45:35

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
45.00	OCM 10%O 90%M	0.221
5.00	CO	0.025

Total Length: 50.00 ft

Total Volume: 0.246 bbl

Num Fluid Samples: 0

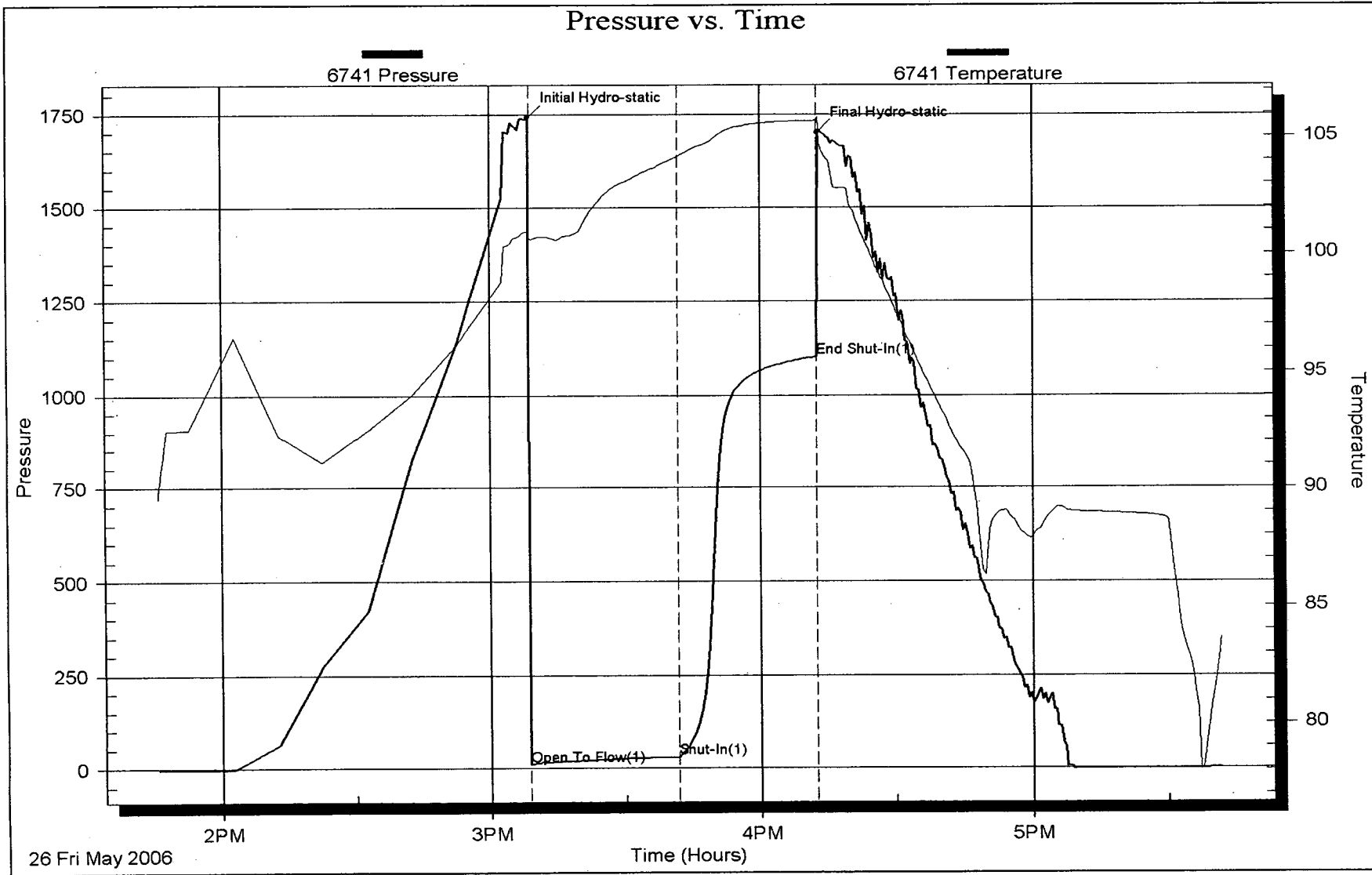
Num Gas Bombs: 0

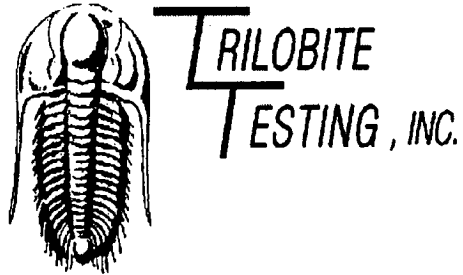
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co LLC**

Box 428
Logan KS 67646

ATTN: Jim Baird

8 7 20 Rooks KS

Roy Unit # 1-4

Start Date: 2006.05.27 @ 04:00:12

End Date: 2006.05.27 @ 10:16:57

Job Ticket #: 25081 DST #: 7

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Baird Oil Co LLC

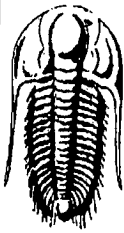
Roy Unit # 1-4

8 7 20 Rooks KS

DST # 7

Arbuckle

2006.05.27



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Baird Oil Co LLC
Box 428
Logan KS 67646
ATTN: Jim Baird

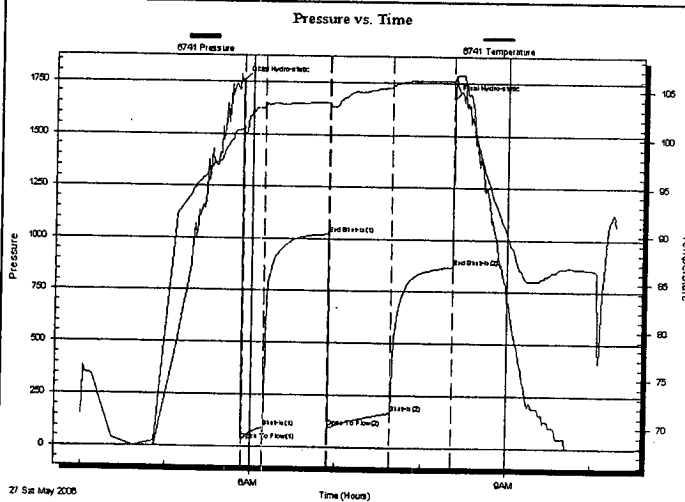
Roy Unit # 1-4
8 7 20 Rooks KS
Job Ticket: 25081 **DST#: 7**
Test Start: 2006.05.27 @ 04:00:12

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:53:42
Time Test Ended: 10:16:57
Interval: **3574.00 ft (KB) To 3640.00 ft (KB) (TVD)**
Total Depth: **3640.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Dan Bangle
Unit No: 21
Reference Elevations: 2165.00 ft (KB)
2160.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6741 Inside
Press@RunDepth: 167.91 psig @ 3581.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2006.05.27 End Date: 2006.05.27 Last Calib.: 2006.05.27
Start Time: 04:00:14 End Time: 10:16:57 Time On Btm: 2006.05.27 @ 05:53:12
Time Off Btm: 2006.05.27 @ 08:22:12

TEST COMMENT: IF Weak building to 10 fair blow
ISI Weak surf blow back
FF Strong B-B in 17"
FSI Weak surf blow back



PRESSURE SUMMARY

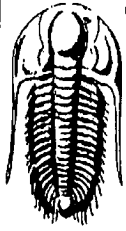
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1751.56	100.89	Initial Hydro-static
1	29.28	100.51	Open To Flow (1)
16	93.92	103.29	Shut-in(1)
61	1024.17	103.70	End Shut-in(1)
62	96.98	103.44	Open To Flow (2)
106	167.91	105.39	Shut-in(2)
149	870.38	106.06	End Shut-in(2)
149	1674.87	106.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
121.00	OCM 30%O 70%M	0.60
124.00	MCGsyO 5%G 75%O 20%M	1.74
150.00	CGsyO 10%G 90%O	2.10
0.00	160 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co LLC

Roy Unit # 1-4

Box 428
Logan KS 67646

8 7 20 Rooks KS

Job Ticket: 25081

DST#: 7

ATTN: Jim Baird

Test Start: 2006.05.27 @ 04:00:12

Tool Information

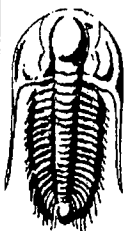
Drill Pipe:	Length: 3459.00 ft	Diameter: 3.80 inches	Volume: 48.52 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 49.12 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3574.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	66.00 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			3554.00	
Shut In Tool	5.00			3559.00	
Hydraulic tool	5.00			3564.00	
Packer	5.00			3569.00	21.00 Bottom Of Top Packer
Packer	5.00			3574.00	
Stubb	1.00			3575.00	
Perforations	5.00			3580.00	
Change Over Sub	1.00			3581.00	
Recorder	0.00	6741	Inside	3581.00	
Drill Pipe	31.00			3612.00	
Change Over Sub	1.00			3613.00	
Recorder	0.00	13254	Outside	3613.00	
Perforations	24.00			3637.00	
Bullnose	3.00			3640.00	66.00 Bottom Packers & Anchor

Total Tool Length: 87.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co LLC

Roy Unit # 1-4

Box 428
Logan KS 67646

8 7 20 Rooks KS

Job Ticket: 25081

DST#: 7

ATTN: Jim Baird

Test Start: 2006.05.27 @ 04:00:12

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: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1700.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
121.00	OCM 30%O 70%M	0.595
124.00	MCGsyO 5%G 75%O 20%M	1.739
150.00	CGsyO 10%G 90%O	2.104
0.00	160 GIP	0.000

Total Length: 395.00 ft Total Volume: 4.438 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

