

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1055810

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

# WELL COMPLETION FORM

### WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from Cast / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ( )	
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
	Amount of Surface Pipe Set and Cemented at: Feel
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used?
OG GSW Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Fluid Management Blan
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Oblasida asstante sono Eluidualumas bbla
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Chloride content: ppm Fluid volume: bbls
Conv. to GSW	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	
ENHR         Permit #:	Quarter Sec TwpS. R East West
GSW Permit #:	County: Permit #:
Spud Date or Recompletion Date         Date Reached TD         Completion Date or Recompletion Date	

#### AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

# Submitted Electronically

KCC Office Use ONLY
Letter of Confidentiality Received
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

	Side Two	1055810
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	

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

Drill Stem Tests Taken (Attach Additional She	eets)	Yes No	)	☐ Log Name	Formatior	n (Top), Depth an		Sample
Samples Sent to Geolog	gical Survey	Yes No	)	Name			Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted B (If no, Submit Copy)	Electronically	Yes No Yes No Yes No	>					
List All E. Logs Run:								
		CAS	ING RECORD	New	Used			
		Report all strings	set-conductor, surfa	ace, interm	nediate, productio	on, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / F		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

#### ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot		PERFORATION Specify For	RECOF	RD - Bridge P Each Interval F	lugs Set/Typ Perforated	e			ement Squeeze Record of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packe	r At:	Liner R	un:	No	
Date of First, Resumed	Product	ion, SWD or ENHF	ł.	Producing M	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	s.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	ON OF (	BAS:			METHOD	OF COMPLE	TION:		PRODUCTION INT	ERVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Uually (Submit /	Comp. ACO-5)	Commingled (Submit ACO-4)		
(If vented, Sul	bmit ACC	)-18.)		Other (Specify)						<u></u>

Form	ACO1 - Well Completion
Operator	Baird Oil Company LLC
Well Name	Sides 1-3
Doc ID	1055810

Tops

Name	Тор	Datum
Anhydrite	1877	+341
Base Anhydrite	1905	+313
Topeka	3219	-1001
Heebner	3419	-1201
Toronto	3445	-1227
Lansing	3461	-1243
Base Kansas City	3647	-1429
Marmaton	3682	-1464
Arbuckle	3707	-1489
Precambrian	3740	-1522
Total Depth	3753	-1535

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

Thomas E. Wright, Chairman Ward Loyd, Commissioner



phone: 316-337-6200 fax: 316-337-6211 http://kcc.ks.gov/

Corporation Commission

Sam Brownback, Governor

May 13, 2011

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

Re: ACO1 API 15-137-20559-00-00 Sides 1-3 NW/4 Sec.03-04S-21W Norton County, Kansas

**Dear Production Department:** 

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, Jim R. Baird



- Acidizing
- Cement
- Tool Rental

Baird Oil Company LLC PO Box 428 Logan, KS 67646

BILL TO

TERMS	Well N	o. Lease	County	Contractor	We	II Туре	We	ell Category	Job Purpose	Operator
Net 30	#1-3	Sides	Norton	WW Drilling #8		Oil	D	evelopment	Surface	Dave
PRICE	REF.		DESCRIPT	ION		QT	Y	UM	UNIT PRICE	AMOUNT
575D 576D-S 290 325 278 279 581D 583D		Mileage - 1 Way Pump Charge - Shall D-Air Standard Cement Calcium Chloride Bentonite Gel Service Charge Cem Drayage Subtotal Sales Tax Norton Co Side Sides	low Surface (< ent punty	500 Ft.) 500 Ft.) 9/2011 9/2011 90402 415 Pump Charg USeol to C	8.32 e, C eme		4 3 150 588.8	Miles Job Gallon(s) Sacks Sack(s) Sacks Ton Miles	5.00 750.00 35.00 12.00 35.00 25.00 1.50 1.00 7.05% 5/10/20/1 CV#/0296	400.00 750.00 35.00T 1,800.00T 140.00T 75.00T 225.00 588.80 4,013.80 144.53
We A	ppre	ciate Your	Busine	ss!				Tota	l	\$4,158.33

Thank You!		-				APPROVAL		AVELAY	SWIFT OPERATOR
	et.	ces listed on this ticke	he materials and servi	owledges receipt of the	CONTAINED ACCENTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket				
4158 33	IUIAL	TO RESPOND	CUSTOMER DID NOT WISH TO RESPOND	Cus	785-798-2300	P.M.		1111-0011-2530	DATE SIGNED
)		D NO	ED WITH OUR SERVIC	ARE YOU SATISFI	NESS CITY, KS 6/560			TIME SIGNED	X
9 144 53	H.05		WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	WE OPERATED TH AND PERFORMED CALCULATIONS SATISFACTORILY	P.O. BOX 466			MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS	MUST BE SIGNED BY CUSTO START OF WORK OR DELIVE
			HOUT DELAY?	PERFORMED WIT	SWIFT SERVICES, INC.	1	20 40	<b>TY</b> provisions.	LIMITED WARRANTY provisions
70/3 00			DOWN?	WITHOUT BREAK			of which inc	the terms and conditions on the reverse side hereof which include, but are not limited to. <b>PAYMENT</b> . RELEASE, INDEMNITY, and	the terms and conditic
	E PAGE TOTAL	DECIDED AGREE	VEY AGREE PERFORMED	OUR EQUIPMENT PER	REMIT PAYMENT TO:		es and agre	LEGAL TERMS: Customer hereby acknowledges and agrees to	LEGAL TERMS: Cus
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	WELL LOCATION	ME ME		C7	JOB PURPOSE	WELL CATEGORY			
	ORDER NO.		DTO	Ð			CONTRACTOR	TICKET TYPE CON	2. NESS
	:as-11	DATE OS	CITY	STATE O	COUNTY/PARISH	LEASE		WELL/PROJECT NO.	SERVICE LOCATIONS
						CITY, STATE, ZIP CODE	CITY, STA	es, Inc.	Services
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67	19667			-	Die	BAIRD DIL	ADDRESS	IFI	SW
Т	TICKET					10:	CHARGE TO:		~ 11

OB LO	G		WELL NO.		LEADE		JOB TYPE	DATE 5-0511 PAGEN TICKET NO. 1966 7
STOMER	BAIRDOIL		1-		SW		SURFACE	
HART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T C	PRESSURE	CASING	DESCRIPTION OF OPERATI	ON AND MATERIALS
	1530						DNLOCATION	
							CMT: SD SHS STD	Hose, 390cc
							12/40 220 8% 24*@219	
							85k 24 * @219	
	1715						BREAM CIAC W/ RIG	
	1-2-2-	11.0	22			200	H20SPACER	
	1730	4.5	2.0				Maspital	
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- Acidizing
- Cement
- Tool Rental

Baird Oil Company LLC PO Box 428 Logan, KS 67646

BILL TO

TERMS	Well N	lo. Lease	County	Contractor	Wel	I Туре	We	ell Category	Job Purpose	Operator
Net 30	#1-3	Sides	Norton	WW Drilling #8		Oil	D	evelopment	LongString	Dave
PRICE	REF.		DESCRIP	TION		QT	Y	UM	UNIT PRICE	AMOUNT
575D 578D-L 221 280 290 402-5 403-5 404-5 406-5 407-5 411-5 325 326 276 277 283 285 581D 583D		Mileage - 1 Way Pump Charge - Lou Liquid KCL (Clayf Flocheck 21 D-Air 5 1/2" Centralizer 5 1/2" Centralizer 5 1/2" Port Collar 5 1/2" Port Collar 5 1/2" Insert Float 5 1/2" Insert Float 5 1/2" Recipo Scra Standard Cement 60/40 Pozmix (2% Flocele Gilsonite (Coal Se Salt CFR-1 Service Charge Ce Drayage Subtotal Sales Tax Norton (	ix) ket Plug & Baffle Shoe With Auto tcher Gel) al) ment	R5/16/2011 P5/16/2011 S MOYOZ K I-3 - Pump U er misc expen	3906 arge ses	9'	1 2 500 2 11 1 1 1 1 1 1 30 200 40 50 40 50 40 50 0 240 70.88	Gallon(s) Gallon(s) Each Each Each Each Each Sacks Sacks Lb(s) Lb(s) Lb(s) Lb(s) Sacks Ton Miles	$\begin{array}{c} 5.00\\ 1,400.00\\ 25.00\\ 2.50\\ 35.00\\ 65.00\\ 230.00\\ 2,100.00\\ 225.00\\ 300.00\\ 45.00\\ 12.00\\ 9.50\\ 1.50\\ 0.60\\ 0.15\\ 4.00\\ 1.50\\ 1.00\\ \end{array}$	400.00 1,400.00 50.00T 1,250.00T 70.00T 230.00T 2,100.00T 2,100.00T 1,350.00T 2,400.00T 380.00T 75.00T 288.00T 232.50T 400.00T 360.00 970.88 13,196.38 709.62
We A	\ppre	eciate You			asim	3		Tota	al	\$13,906.00

10,000,00	licket.	The customer hereby acknowledges receipt of the materials and services listed on this ticket	nowledges receipt of th	CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acking Approval.	APPROVAL	MER ACC	CUSTC Mreft	
		CUSTOMER DID NOT WISH TO RESPOND	CUST	1-00-1-00	P.M.		140	11-11-50
10/100	TOTAL	ARE YOU SATISFIED WITH OUR SERVICE?	ARE YOU SATISFIE	NESS CITY, KS 0/000	A.M.		TIME SIGNED	DATE SIGNED
9, 709 62	1 0FT 011 TAX 0/0	JOB	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	P.O. BOX 466		RIOR TO	MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS	MUST BE SIGNED BY CL START OF WORK OR DE
K Store S	Total	S OUT DELAY?	MET YOUR NEEDS? OUR SERVICE WAS PERFORMED WITHOUT DELAY?	SWIFT SERVICES, INC.			LIMITED WARRANTY provisions.	LIMITED WARRANTY provisions
5106	PAG	RMED	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? WE UNDERSTOOD AND	REMIT PAYMENT TO:	agrees to n include,	lges and a reof which	LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include,	the terms and con
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	ORDER NO.	VFRED TO		COUNTY/PARISH NOL TON	LEASE		WELL/PROJECT NO	SERVICE LOCATIONS
	PAGE				CITY, STATE, ZIP CODE	CITY,	ces, Inc.	Services
572	тіскет 1967			OIL	CHARGE TO: BAILD OIL	CHARGE 1 ADDRESS	VIFT	1S

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												9	2	<u>ی</u>	Å	٩	<u>ي</u>	۷	&	ع	LOC ACCT DF	Ness City, KS 67560 Off: 785-798-2300	PO Box 466.
	CHARGE TOTAL WEIGHT LOADED MILES												DEARACE	SELVEE CHE CAT	CFA-1	Ster	GIUSDUTE	FLOCELE	60-40 25 CEL	STO CENENT	TIME DESCRIPTION	CUSTOMER DAIAD DIL	TICKET CONTINUATION
CON	TON MILES	COBIC FEET							-			 	· 97027 7m	040 24	100 128	1550 128	480 48	50 63	40 54	doo Sr	QTY. U/M QTY. U/M	WELL J.J. SAAS	
CONTINUATION TOTAL								 _		-		 	18	1,50	4 00	2	60	100	7 20	12 00	PRICE	DATE OS-11-11	ПСКЕТ No. 19672
5106.38			_	 	_	 _	_	 _		_	 		R als	+	400 00	232 50		00 5/		0	AMOUNT	PAGE	

JOB LO	G						Servi	CEO,         Inc.         Date         Page NO.           JOB TYPE         TICKET NO.         10/1000
USTOMER	JAIRO DIC		WELL NO.	3		EASE	23	JOB TYPE (DNGSTRING 19672
CHART	TIME	RATE (BPM)	VOLUME	PUMPS	C C	PRESSURE	(PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
NO.	1430							ONLXA7102
	int							CMT: 40,60-40 poz 2% Sc, 12 /5+ GKENNIZ
								CMT: 40,60-40,002 2% Sec. 12 1/5+ GA. DUNITE 200,520 /400, 18/2507, 12 CM
								1-4 22-2
								RXD3750 SETTIGE 3752 5345.19 70507
								51/2 14# Port Cause ou Top 42, 1876 FT
								30 RICEAD SCRATCHERS ON LST 10 JOINZS
								CENT 1-10, 41 BASUET 42
	1700							START CS4 & FLDATERY
	1840							TAGBorren-DespBARI
	1845							BREAM CIAC, RECIPCAR P.PC
	1940		7					PLUG RH30 60-40 poz
	1945	6.0	15		-		200	WCL FLISH
		C	12		-		6	FLOCHECH21
			5		-			HOL FLUSH
			4		-		2	CM7 60-40pvz
	1956		43.5		-		2	" STD
								DROP LDRUG, WASHDUTPL
	2000	6.2	O		-		200	STADY DUD
			44		-		200	CMTON BOTTEM
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			85		-		600	
	2015	4.7	905		-		1400	LAND PLUG RELEASE
								Keiege
							3	
								JOB OMPLETE
								ALANNYOU. DAVE, JOSHB, LANE
								LAVE, JOSKB, LANE



- Acidizing
  - Cement
  - Tool Rental

Baird Oil Company LLC PO Box 428 Logan, KS 67646

BILL TO

TERMS	Well N	o. Lease	County	Contractor	Well	Туре	We	ell Category	Job Purpose	Operator
Net 30	#1-3	Sides	Norton		C	Dil	D	evelopment	Cement Port Collar	Blaine
PRICE	REF.		DESCRIPT	ION		QT	Y	UM	UNIT PRICE	AMOUNT
575D 576D-D 330 276 290 104 581D 583D		Mileage - 1 Way Pump Charge - Por Swift Multi-Densit Flocele D-Air Port Collar Tool R Service Charge Ce Drayage	ental	DCON II)		8	1 175 50 2 1	Sacks Lb(s) Gallon(s) Each Sacks	$5.00 \\ 1,100.00 \\ 15.00 \\ 1.50 \\ 35.00 \\ 200.00 \\ 1.50 \\ 1.00$	200.00 1,100.00 2,625.00 75.00 70.00 200.00 337.50 895.60
		Subtotal Sales Tax Norton	County						7.05%	5,503.10 209.39
				123/2011						
		S 80	ides 1-3 -	190402 5: Pump Char C expenses + collar	ge, c	emen	V.			
		Side	18 1-3- Re	190402 2 ntal of por ementing po	+ col	lar d				2.8
We A	Appre	eciate You	r Busine	ss!				Tota	al	\$5.712.49

DATE 6 WAY U PAGE NO. SWIFT Services, Inc. JOB LOG CUSTOMER BAIDO OT LEASE Sides dement post oupe TICKET NO. WELL NO. 1-3 PRESSURE (PSI) PUMPS VOLUME (BBL) (GAL) RATE (BPM) DESCRIPTION OF OPERATION AND MATERIALS CHART NO. TIME TUBING CASING C Т 225 SMD W/ Flocelo 18761 PORT COLLAR -234 × 53 TRK114 - drone overfrom Anna 1-3 20 180 1300 1310 he to 1000 ps; 1330 1008 1000 rate ini 1330 3 3 400 w/ H50 3 300 134D ster Surface 3 to 32 300 1345 @11.2 SM Cerneri 1400 250 34 10 cement tosupace 3 350 1420 88 increase with 17555 mixe 92 350 3 1410 close part collor 1000 IND 1000 1415 RUN 4 joints hole daen Reverse 3 250 1425 25 Dull 100 tem completo Anna 1-3 to

Thank You!	es receipt of the materials and services listed on this ticket.	owiedges receipt of the m	APPROVAL APPROVAL	APPROVAL	W	SWIFT OPERATOR
5112		CUSTOM	AATEDIALS AND SERVICES The sustained beacher and	USTOMER ACCEPTANCE OF	CI	
TOTAL	NO		785-798-2300	D A.M.	TIME SIGNED	DATE SIGNED
- 1.05% 209 39		ARE YOLL AT SEED WITHOUT WEATER	P.O. BOX 466 NESS CITY, KS 67560		START OF WORK OR DELIVERY OF GOODS	START OF WORK OR DELIVERY OF GOODS
		MET YOUR NEEDS?	SWIFT SERVICES. INC.		LIMITED WARRANTY provisions.	LIMITED WARF
PAGE TOTAL 5303 10	AGREE DECIDED AGREE	SURVEY OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	REMIT PAYMENT TO:	owledges and agrees to de hereof which include,	LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to <b>PAYMENT REI FASE INDEMNITY</b> and	LEGAL TERMS: the terms and cor but are not limite
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10			1	INVOICE INSTRUCTIONS		REFERRAL LOCATION
ATION 45-2161	WELL PERMIT NO. WELL LOCATION	MOR	Development Job PORPOSE			4.
2	DELIVERED TO ORDER NO.	VIA	в			3. 1
14 II OWNER	CITY DATE DATE DATE NASY		Sides	WELL/PROJECT NO.	at ty ch	1.
PAGE OF			CODE	CITY, STATE, ZIP CODE	Services, Inc.	Ser
тіскет 20730			SARD ON	CHARGE TO: ADDRESS	WIFT	



Prepared For:

For: Baird Oil Company, LLC

PO Box 428 Logan, KS 67646

ATTN: Richard Bell

## 3/4s/21w Norton KS

### Sides #1-3

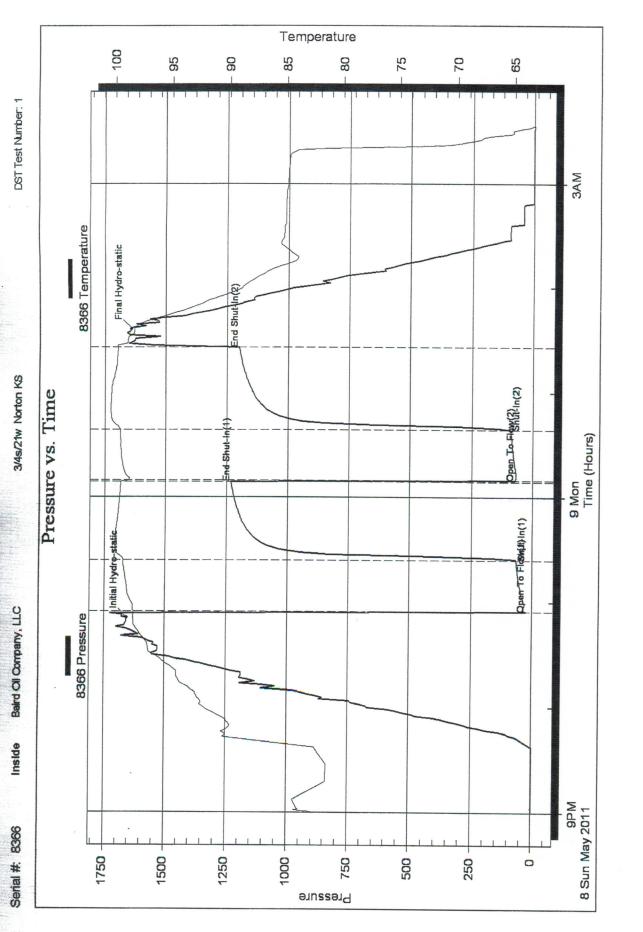
Start Date:	2011.05.08 (	@ 21:00:00	
End Date:	2011.05.09 (	@ 03:33:30	
Job Ticket #:	042003	DST#:	1

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

	DRILL STEM TES	ST REPO	DRT			
RILOBITE	Baird Oil Company, LLC		Side	es #1-3		
ESTING, INC	PO Box 428		3/4s	/21w No	orton KS	
	Logan, KS 67646		Job T	licket: 042	2003 DST#:1	
	ATTN: Richard Bell		Test	Start: 201	11.05.08 @ 21:00:00	
vb⊷dl.						
ENERAL INFORMATION:						
eviated: No Whipstock:	ft (KB)		Test	Туре: С	Conventional Bottom Hole	
ime Tool Opened: 22:54:30			Teste		ames Winder	
ime Test Ended: 03:33:30			Unit		6	
nterval: 3446.00 ft (KB) To 3			Refe	erence Be		
otal Depth: 3468.00 ft (KB) (T				KB to	2213.00 ft GR/CF: 5.00 ft	
lole Diameter: 7.88 inchesHo	e Condition: Fair					
Serial #: 8366 Inside					0000 00	eia
ress@RunDepth: 91.88 psig		2011.05.09	Capacity: Last Calik		8000.00 p 2011.05.09	siy
Start Date: 2011.05.08	End Date: End Time:	03:33:29	Time On E		2011.05.08 @ 22:51:00	
Start Time: 21:00:05		00.00.20	Time Off		2011.05.09 @ 01:36:00	
ISI: Blow back b FF: Blow built to FSI: Blow back	BOB in 13 min.					
Pressure vs.					RE SUMMARY	
1750	8300 Temperature	Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation	
EL PLAT				(		
		0	1655.58	98.35	Initial Hydro-static	
100			1655.58 26.01	98.27	Open To Flow (1)	
		0 4 33	1655.58 26.01 66.29	98.27 99.30	Open To Flow (1) Shut-In(1)	
		0 4 33 78	1655.58 26.01 66.29 1231.61	98.27 99.30 99.54	Open To Flow (1) Shut-In(1) End Shut-In(1)	
		0 4 33 78 79 108	1655.58 26.01 66.29 1231.61 73.31	98.27 99.30 99.54 98.82	Open To Flow (1) Shut-In(1)	
		0 4 33 78	1655.58 26.01 66.29 1231.61	98.27 99.30 99.54 98.82	Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2)	
		0 4 33 78 79 108	1655.58 26.01 66.29 1231.61 73.31 91.88	98.27 99.30 99.54 98.82 99.60	Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2)	
		0 4 33 78 79 108 155	1655.58 26.01 66.29 1231.61 73.31 91.88 1200.56	98.27 99.30 99.54 98.82 99.60 99.78	Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2)	
	6 1 1 1 1 1 1 1 1 1 1 1 1 1	0 4 33 78 79 108 155	1655.58 26.01 66.29 1231.61 73.31 91.88 1200.56	98.27 99.30 99.54 98.82 99.60 99.78	Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2)	
	6 1 1 1 1 1 1 1 1 1 1 1 1 1	0 4 33 78 79 108 155	1655.58 26.01 66.29 1231.61 73.31 91.88 1200.56	98.27 99.30 99.54 98.82 99.60 99.78	Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2)	
	рининска	0 4 33 78 79 108 155	1655.58 26.01 66.29 1231.61 73.31 91.88 1200.56	98.27 99.30 99.54 98.82 99.60 99.78	Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2)	
200 500 500 500 500 500 500 500	рининска	0 4 33 78 79 108 155	1655.58 26.01 66.29 1231.61 73.31 91.88 1200.56	98.27 99.30 99.54 98.82 99.60 99.78 98.35	Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2) Final Hydro-static	
200 700 700 700 200 200 200 200	о	0 4 33 78 79 108 155	1655.58 26.01 66.29 1231.61 73.31 91.88 1200.56	98.27 99.30 99.54 98.82 99.60 99.78 98.35	Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2) Final Hydro-static	Rate (McC
sun May 2011	a)	0 4 33 78 79 108 155	1655.58 26.01 66.29 1231.61 73.31 91.88 1200.56	98.27 99.30 99.54 98.82 99.60 99.78 98.35	Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2) Final Hydro-static	Rate (Mct
200 700 700 700 700 700 700 700	a) Volume (bbl) %g 0.20	0 4 33 78 79 108 155	1655.58 26.01 66.29 1231.61 73.31 91.88 1200.56	98.27 99.30 99.54 98.82 99.60 99.78 98.35	Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2) Final Hydro-static	Rate (Mct
200 200 200 200 200 200 200 200	a) Volume (bbl) %g 0.20	0 4 33 78 79 108 155	1655.58 26.01 66.29 1231.61 73.31 91.88 1200.56	98.27 99.30 99.54 98.82 99.60 99.78 98.35	Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2) Final Hydro-static	Rate (Mc
200 700 700 700 700 700 700 700	о	0 4 33 78 79 108 155	1655.58 26.01 66.29 1231.61 73.31 91.88 1200.56	98.27 99.30 99.54 98.82 99.60 99.78 98.35	Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2) Final Hydro-static	Rate (Mct
200 700 700 700 700 700 700 700	о	0 4 33 78 79 108 155	1655.58 26.01 66.29 1231.61 73.31 91.88 1200.56	98.27 99.30 99.54 98.82 99.60 99.78 98.35	Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2) Final Hydro-static	Rate (Mc

10x7	BITE	DRI	LL STE	MTEST	REPC	RT	TOOL DIAGRAM	
			Baird C	)il Company, I	LLC		Sides #1-3	
	ESI	TING , INC	FOBOX				3/4s/21w Norton	KS
			Logan,	KS 67646			Job Ticket: 042003	DST#:1
A CONTRACT			ATTN:	Richard Bell	I		Test Start: 2011.05.0	08 @ 21:00:00
Tool Informatio	n		ļ					
Drill Pipe:	Length:	3327.00 ft	Diameter:	3.80 in	iches Volume:	46.67 bl	ol Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 in	ches Volume:	0.00 bb	Weight set on Pac	ker: 25000.00 lb
Drill Collar:	Length:	123.00 ft	Diameter:	2.25 in	ches Volume:	0.60 bb	Weight to Pull Loos	se: 60000.00 lb
Drill Pipe Above K	D.	24.00 ft			Total Volume:	47.27 bb	Tool Chased	0.00 ft
Depth to Top Pack		3446.00 ft					String Weight: Initi	al 38000.00 lb
Depth to Bottom P		5440.00 ft					Fina	al 44000.00 lb
Interval between I		22.00 ft						
Tool Length:	rachers.	42.00 ft						
Number of Packer	·e ·	42.00 11	Diameter:	6.75 in	choc			
Tool Comments:	3.	2	Danelei.	0.75 11	ches			
Tool Contrients.								
Tool Description	n	Ler	ngth (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool			5.00			3431.00		
Hydraulic tool			5.00			3436.00		
Packer			5.00			3441.00	20.00	Bottom Of Top Packer
Packer			5.00		9	3446.00		
Stubb			1.00			3447.00		
Recorder			0.00	8366	Inside	3447.00		
Recorder			0.00	8320	Outside	3447.00		
Perforations			18.00			3465.00		
Bullnose			3.00			3468.00	22.00	Bottom Packers & Anchor
Тс	otal Tool	Length:	42.00					
1								

	DRILL	STEM TEST RE	PORT		FLUID SUMMARY
RILOBITE	Baird Oil C	ompany, LLC	Si	des #1-3	
ESTING , INC	PO Box 42 Logan, KS			<b>4s/21w Norton KS</b> b Ticket: 042003	DST#:1
	ATTN: Ri	chard Bell		est Start: 2011.05.08 @	
Mud and Cushion Information	·				
Mud Type: Gel Chem		Cushion Type:		Oil API:	36.4 deg API
Mud Weight: 9.00 lb/gal		Cushion Length:	f	t Water Salin	•
Viscosity: 57.00 sec/qt		Cushion Volume:		ldd	
Water Loss: 6.77 in <sup>3</sup>		Gas Cushion Type:			
Resistivity: ohm.m		Gas Cushion Pressure:		psig	
Salinity: 1000.00 ppm					
Filter Cake: 2.00 inches					
Recovery Information					
		Recovery Table			
	Length ft	Description		Volume bbl	
	40.00	GOM 55%m, 31%o, 14%g		0.197	
	190.00	CGO 76%o, 21%g, 3%m		1.909	
	0.00	GIP = 455'		0.000	
Total Leng	th: 230	0.00 ft Total Volume:	2.106 bbl		
Num Fluid	Samples: 0	Num Gas Bombs:	0	Serial #:	
Laboratory	-	Laboratory Location	n:		
		ravity = 36.6 api @ 62 deg F			
		Υ.			
	,				



Printed: 2011.05.19 @ 11:11:34 Page 5

Ref. No: 042003



Prepared For: Baird Oil Company, LLC

PO Box 428 Logan, KS 67646

ATTN: Richard Bell

## 3/4s/21w Norton KS

### Sides #1-3

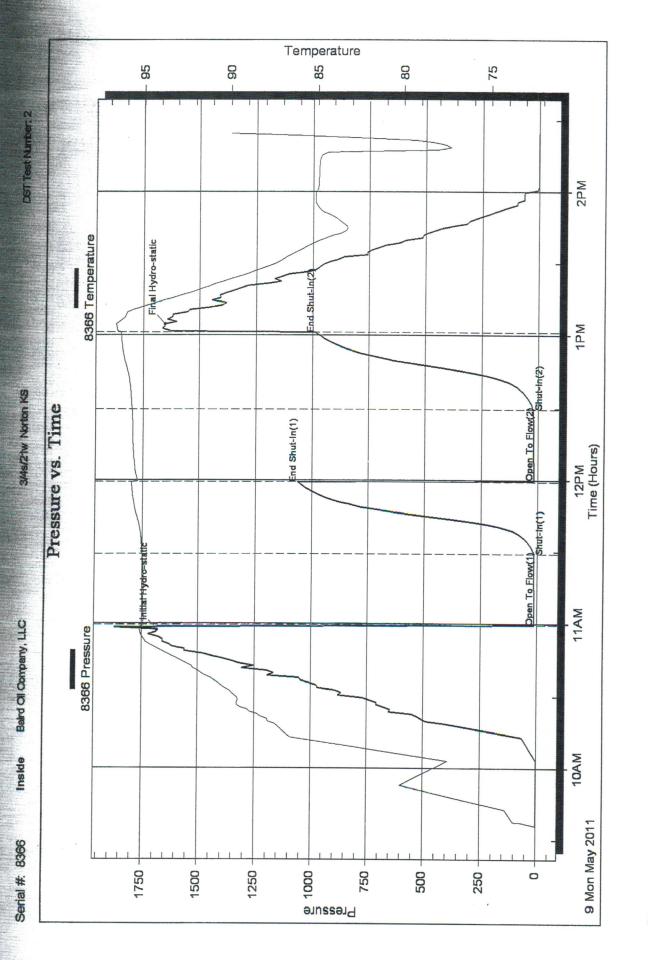
Start Date:	2011.05.09 @	09:36:00	
End Date:	2011.05.09 @	14:24:30	
Job Ticket #:	042004	DST #:	2

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

()A	RILOBITE	DRILL STEM TE	ΞS	T REPO	ORT				
に加た	No. of Concession, Name of	Baird Oil Company, LLC			Sic	les #1-3			
	ESTING , INC	PO Box 428			3/4	s/21w N	orton KS		
		Logan, KS 67646			Job	Ticket: 04	2004	DST#:2	
		ATTN: Richard Bell			Tes	t Start: 20	11.05.09 @	09:36:00	
GENERAL IN	FORMATION:								
Formation: Deviated: Time Tool Opene Time Test Endeo		ft (KB)			Tes	ter:	Conventiona James Windo 16	al Bottom <b>Hok</b> er	•
Interval: Total Depth: Hole Diameter:	<b>3472.00 ft (KB) To 34</b> 3492.00 ft (KB) (TV 7.88 inchesHole				Ref	erence Be KB t	vations: o GR/CF:	2218.00 2213.00 5.00	ft (CF)
Serial #: 83 Press@RunDep Start Date: Start Time: TEST COMM		End Date: End Time:		2011.05.09 14:24:29	Capacity Last Cali Time On Time Off	b.: Btm: 2	2011.05.09	8000.00 2011.05.09 @ 10:57:30 @ 13:04:30	psig
	ISI: No blow back FF: Blow built to FSI: No blow bac	1" k							
	Pressure vs. T	ime 6300 Temperature					RE SUMM		
9 Mon May 2011	осогладов 		- 95 - 90 - 90 - 90 - 75	Time (Min.) 2 32 62 63 92 124 127	Pressure (psig) 1681.73 11.91 14.62 1064.13 15.45 19.91 988.54 1652.60	94.85 95.04 95.68 95.34 95.68 96.34	End Shut-I Open To F Shut-In(2)	o-static Tow (1) In(1) Tow (2)	
	Recovery						s Rates		
Length (ft)	Description	Volume (bbl)				Choke (i	nches) Pressu	ure (psig) Ga	as Rate (Mcf/c
	SW/OM 53%m, 45%o, 2' GIP = 32'	%w 0.15 0.00							
Trilobite Test	ting inc	Ref. No: 042004				Printed	2011.05.10	@ 11:12:08	B Page

			1					
10A7	RILOE		DRI	LL STE	MTEST	REPC	RT	TOOL DIAGRAM
	And in case of the local division of the loc		Baird C	)il Company, L	LC		Sides #1-3	20 3
	ESI	TING , INC					3/4s/21w Norton KS	
			Logan,	KS 67646			Job Ticket: 042004	DST#:2
TON'			ATTN:	Richard Bell			Test Start: 2011.05.09 @	09:36:00
Tool Informatio	n							
Drill Pipe:	Length:	3359.00 ft	Diameter:	3.80 in	ches Volume:	47.12 bb	ol Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 in	ches Volume:	0.00 bb	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	123.00 ft	Diameter:	2.25 in	ches Volume:	0.60 bk	Weight to Pull Loose:	50000.00 lb
Drill Pipe Above k	(B·	30.00 ft			Total Volume:	47.72 bb	Tool Chased	0.00 ft
Depth to Top Pac		3472.00 ft					String Weight: Initial	42000.00 lb
Depth to Bottom F		ft					Final	42000.00 lb
Interval between		20.00 ft						
Tool Length:		40.00 ft						
Number of Packer	rs:	2	Diameter:	6.75 inc	ches			
Tool Comments:								
Tool Descriptio	n	Le	ngth (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool			5.00			3457.00		
Hydraulic tool			5.00			3462.00		
Packer			5.00			3467.00	20.00	Bottom Of Top Packer
Packer			5.00			3472.00		
Stubb			1.00			3473.00		
Recorder			0.00	8366	Inside	3473.00		
Recorder			0.00	8320	Outside	3473.00		
Perforations			16.00			3489.00		
Bullnose			3.00			3492.00	20.00 Bott	om Packers & Anchor
Т	otal Tool	Length:	40.00					

RILOBITE	D	RILL STEM TEST F	REPOR	Г	I		
Теотика	Bai	ird Oil Company, LLC		Sides #1-	3		
ESTING		Box 428 gan, KS 67646		3/4s/21w Job Ticket:	Norton KS	DST#:2	
	AT	TN: Richard Bell			2011.05.09 @ 09		
Mud and Cushion Informa	tion						
Mud Type: Gel Chem		<b>Cushion Type:</b>			Oil A PI:	deg API	
Mud Weight: 9.00 lb/gal		Cushion Length:		ft	Water Salinity:	ppm	
Viscosity: 50.00 sec/qt		Cushion Volume:		bbl			
Water Loss: 6.75 in <sup>3</sup>		Gas Cushion Type:					
Resistivity: ohm.m		Gas Cushion Pressure		psig			
Salinity: 1000.00 ppm							
Filter Cake: 2.00 inches							
Recovery Information							
[	Lawath	Recovery Table			Т		
	Length ft	Description		Volume bbl			
	30.00			0.14	3		
	0.00	0 GIP = 32'		0.00	2		
Total Leng	gth:	30.00 ft Total Volume:	0.148 bbl				
Num Fluid	Samples: 0	Num Gas Bombs:	0	Serial #	ŧ		
Laborator		Laboratory Location					
Recovery	Comments:						



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Ref. No: 042004



THE FILE

Prepared For: Baird Oil Company, LLC

PO Box 428 Logan, KS 67646

ATTN: Richard Bell

### 3/4s/21w Norton KS

### Sides #1-3

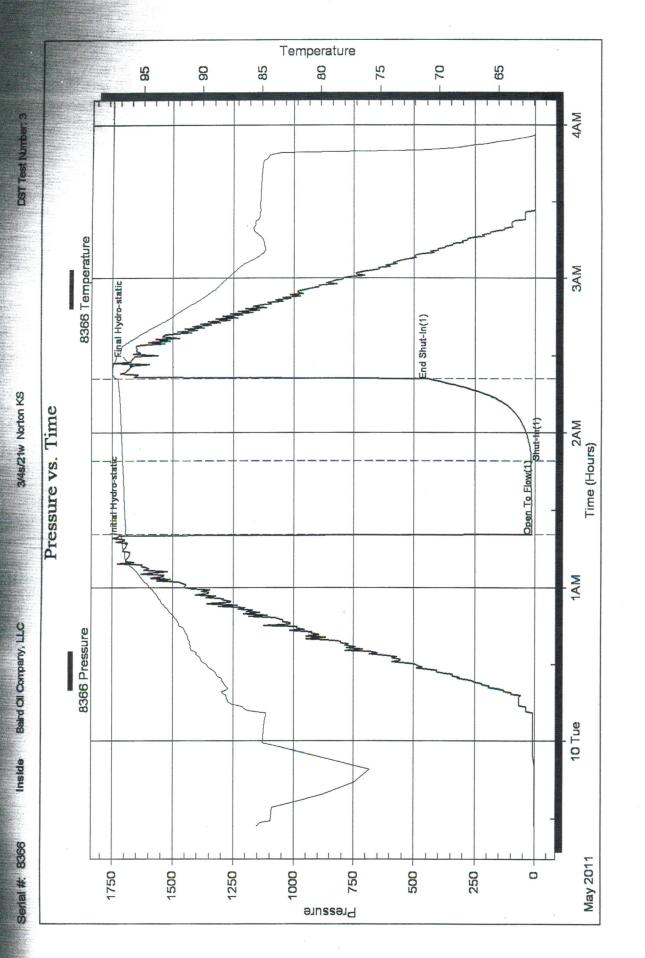
Start Date:	2011.05.09 @	23:27:00	
End Date:	2011.05.10 @	03:56:30	
Job Ticket #:	042005	DST#:	3

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

RILOBITE	DRILL STEM TES	I KEPO				
	Baird Oil Company, LLC		Sides	s #1-3		
ESTING , INC			3/48/2	21w Nor	ton KS	
	Logan, KS 67646		Job Tic	cket: 0420	005	DST#:3
	ATTN: Richard Bell		Test S	start: 2011	1.05.09 @ 23	3:27:00
ENERAL INFORMATION:						
ormation: LKC "E" eviated: No Whipstock: ime Tool Opened: 01:20:30 ime Test Ended: 03:56:30	ft (KB)		Test Teste Unit N	er: Ja	onventional E arres Winder 6	
otal Depth: 3532.00 ft (KB)	<b>3532.00 ft (KB) (TVD)</b> (TVD) lole Condition: Fair		Refe	rence Eev KB to	o GR/CF:	2218.00 ft (KB) 2213.00 ft (CF) 5.00 ft
Serial #:         8366         Inside           Press@RunDepth:         16.63 psi           Start Date:         2011.05.0           Start Time:         23:27:0	9 End Date:	2011.05.10 03:56:29	Capacity: Last Calib Time On E Time Off	o.: Btm: 2	2 011.05.10 011.05.10	
TEST COMMENT: IF: Blow built ISI: No blow b Pulled tool		blow at close				
Pressure					E SUMMA	
5000 Presure 1700 1000	6200 Temperature	Time (Min.) 0 4 32 64	Pressure (psig) 1689.24 12.41 16.63 443.89	Temp (deg F) 96.75 96.33 96.76 97.17	Open To Flo Shut-In(1) End Shut-In	-static ow (1)
		Temperalure	1670.86	97.58	Final Hydro	⊢static
0 / but not						
10 Tue 1AM May 2011 Time	24М ЗАМ 44М (Hous)					
Recover	ý			Ga	s Rates	
Length (ft) Description				Choke (	inches) Pressu	re (psig) Gas Rate (Mcf
15.00 OOM 79%m, 21%o	0.07					

RILOBITE	DR	ILL STE	MTEST	REPC	RT	TOOL DIAGRAM
		Oil Company, L	LC		Sides #1-3	
ESTING , IN	1 10 00.				3/4s/21w Norton KS	
	Logan	, KS 67646			Job Ticket: 042005	DST#:3
	ATTN:	Richard Bell			Test Start: 2011.05.09 @	23:27:00
Tool Information						
Drill Pipe: Length: 3389.00 ft	Diameter	: 3.80 in	ches Volume:	47.54 bł	ol Tool Weight:	2000.00 lb
Heavy Wt. Pipe: Length: 0.00 ft	Diameter	: 0.00 in	ches Volume:	0.00 bb	Weight set on Packer:	25000.00 lb
Drill Collar: Length: 123.00 ft	Diameter	: 2.25 in	ches Volume:	0.60 bb	Weight to Pull Loose:	54000.00 lb
Drill Fipe Above KB: 18.00 ft			Total Volume:	48.14 bk	Tool Chased	0.00 ft
Depth to Top Packer: 3514.00 ft					String Weight: Initial	44000.00 lb
Depth to Bottom Packer: 5514.0011					Final	44000.00 lb
nterval between Packers: 18.00 ft						
Fool Length: 38.00 ft						
Number of Packers: 2	Diameter	: 6.75 ind	ches			
Tool Comments:						
Fool Description Le	ngth (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3499.00		
ydraulic tool	5.00			3504.00		
acker	5.00			3509.00	20.00	Bottom Of Top Packer
acker	5.00			3514.00		
tubb	1.00			3515.00		
	0.00	8366	Inside	3515.00		
ecorder		0000	Outside	3515.00		
	0.00	8320	Outside			
ecorder	0.00 14.00	8320	Outside	3529.00		
Recorder Recorder Perforations Bullnose		8320	Ouside		18.00 Bott	om Packers & Anchor

10 mm		DRI	ILL STEM TEST REPOR	RT		FLUIDS	UMMARY
	RILOBITE	Baird (	Oil Company, LLC	Sides #1			
	TRILOBITE TESTING , INC		ox 428 n, KS 67646		Norton KS	DST#: 3	
		ATTN:	Richard Bell	Test Start:	2011.05.09 @ 2	3:27:00	
Mud and Cu	shion Information						
Mud Type: Ge Mud Weight: Viscosity: Water Loss: Resistivity: Salinity: Filter Cake:	el Chem 9.00 lb/gal 50.00 sec/qt 6.76 in <sup>s</sup> ohmm 1000.00 ppm 2.00 inches		Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure:	ft bbl psig	Oil API: Water Salinity:		deg API ppm
Recovery In	formation						
	Lengt	'n	Recovery Table Description	Volume	Т		
	ft			bbl			
	Total Length:	15.00	OCM 79%m, 21%o 5.00 ft Total Volume: 0.074 bb	0.07	4		
	Num Fluid Samp Laboratory Nam Recovery Com	les: 0 e:	Num Gas Bombs: 0 Laboratory Location:	" Serial #	ŧ		



Printed: 2011.05.19 @ 11:14:00 Page 5

Ref. No: 042005



Prepared For: Baird Oil Company, LLC

PO Box 428 Logan, KS 67646

ATTN: Richard Bell

#### 3/4s/21w Norton KS

### Sides #1-3

Start Date: 2011.05.10 @ 09:18:00 2011.05.10 @ 14:07:00 End Date: Job Ticket #: 042006 DST#: 4

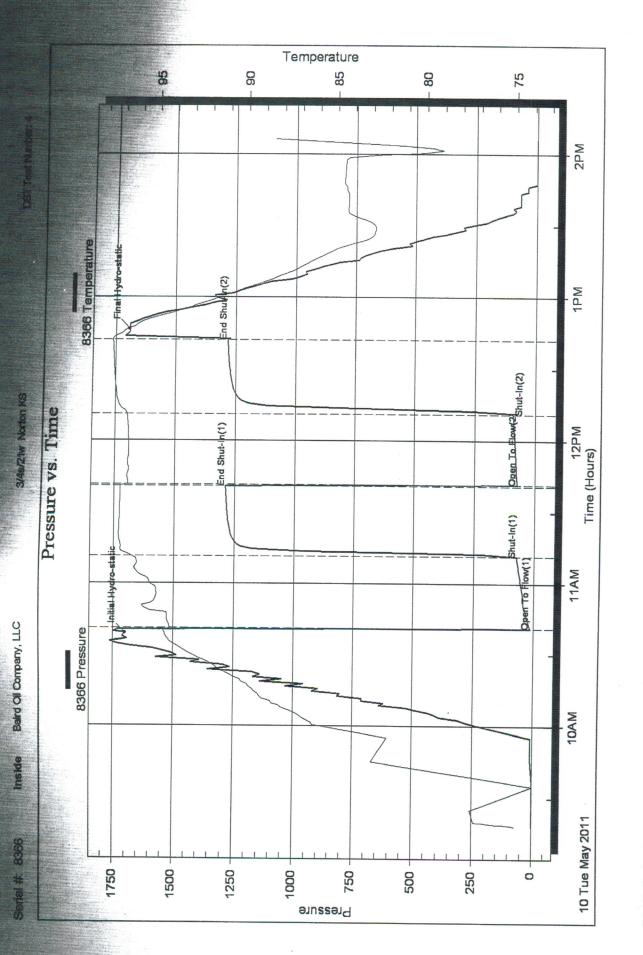
Trilobite Testing, Inc PO Box 1733 Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620

Bunnis Harol

RILOBITE	DRILL	STEMT	ES	T REPO	ORT				
	Baird Oil Com	pany, LLC			Sic	les #1-3			
ESTING , IN	PO Box 428 Logan, KS 67	7646				<b>s/21w N</b> Ticket: 04			-11. A
	ATTN: Richa	ard Bell						10 @ 09:18:0	ſ#: <b>4</b> 0
GENERAL INFORMATION: Formation: LKC "G"	ļ								
Deviated: No Whipstock: Time Tool Opened: 10:41:00 Time Test Ended: 14:07:00	ft (I	KB)			Tes	ter:	Conven James V 46	tional Bottom Minder	Hole
Interval:3514.00 ft (KB) ToTotal Depth:3540.00 ft (KB) (Hole Diameter:7.88 inches Ha					Ref	erence Be KB t	evations o GR/C	2213	.00 ft (KB) .00 ft (CF) .00 ft
Serial #:         8366         Inside           Press@RunDepth:         90.80 psig           Start Date:         2011.05.10           Start Time:         09:18:05	End Date	e:	3	2011.05.10 14:06:59	Capacity Last Cali Time On Time Off	b.: Btm: 2		8000 2011.05 5.10 @ 10:39 5.10 @ 12:46	:00
TEST COMMENT: IF: Blow built to ISI: No blow bail FF: Blow built to FSI: Weak surf	k	sted 2 min., the	en de	ad					
Pressure vs					PI	RESSUF	RE SU	MMARY	
500 Presue 1700	12PM 1PM	2PM	- 6 Terropenature - 6 - 6 - 6 - 75	Time (Min.) 0 2 33 62 63 92 123 128	Pressure (psig) 1700.01 14.00 71.98 1287.14 73.27 90.80 1282.79 1693.39	Temp (deg F) 94.51 94.11 96.37 97.05 96.63	Anno Initial I Open Shut-II End S Open Shut-II End S	hydro-static To Flow (1) n(1) hut-In(1) To Flow (2)	
Recovery						Gas	s Rate	s	
Length (ft) Description	070/	Volume (bbl)				Choke (ir	nches) F	Pressure (psig)	Gas Rate (Mcf/d)
123.00         MCW w /trace of oil 639           40.00         WCM w /trace of oil 699		0.60							
5.00 OMW 40%w, 33%m, 21		0.07							
Trilobite Testing, Inc		042006						5 10 @ 11.1/	

Baird Oil Company, LLC       Sides #1-3         Baird Oil Company, LLC       Sides #1-3         Baird Oil Company, LLC       Sides #1-3         Diff Description       Description       Description       Description       Sides #1-3         Diff Packer       3389.00 ft       Diameter:       3.80 inches Volume:       47.54 bbl       Tool Veight:       2000.00 lb         Driff Packer       Length:       123.00 ft       Diameter:       3.80 inches Volume:       0.00 bbl       Tool Veight:       2000.00 lb         Driff Packer       Length:       123.00 ft       Diameter:       2.25 inches Volume:       0.60 bbl       Tool Veight to Packer:       25000.00 lb         Driff Packer:       15.00 ft       Diameter:       2.25 inches Volume:       0.60 bbl       Tool Chased       0.00 ft         Driff Packer:       18.00 ft       Diameter:       2.51 inches       Total Volume:       48.14 bbl       Tool Chased       0.00 ft         Diameter:       2       Diameter:       6.75 inches       Depth (ft)       Accum. Lengths         Shut h Tool       5.00       3499.00       3499.00       20.00       Bottom Of Top ft         Hord Diameter:       0.00       3504.00       3504.00       20.00       Bottom Of T		DF	RILL STE	MTEST	REPOF	RT	TOOL DIAGRAM
Logan, KS 67646     Job Ticket: 042006     DST#:4       ATTN:     Richard Bell     Test Start: 2011.05.10 @ 09:18:00       Tool Information     Dill Fipe:     Length: 3389.00 ft     Diameter:     3.80 inches Volume:     47.54 bbl     Tool Weight:     2000.00 lb       Drill Fipe:     Length:     0.00 ft     Diameter:     0.00 inches Volume:     0.00 bbl     Weight set on Packer: 2500.00 lb       Drill Collar:     Length:     123.00 ft     Diameter:     2.25 inches Volume:     0.60 bbl     Weight to Pull Loose: 43000.00 lb       Drill Fipe Above KB:     18.00 ft     Diameter:     2.25 inches Volume:     0.60 bbl     Weight Initial     44000.00 lb       Drill Fipe Above KB:     18.00 ft     Total Volume:     48.14 bbl     Total Chased     0.00 ft       Diameter:     3514.00 ft     Total Volume:     48.14 bbl     Final     45000.00 lb       Droll Length:     46.00 ft     Final     45000.00 lb     Final     45000.00 lb       Nurrber of Packers:     2     Diameter:     6.75 inches     500     3499.00       Hydraulic tool     5.00     3504.00     3604.00     500     3604.00       Packer     5.00     3509.00     20.00     Bottom Cf Top I       Packer     5.00     3509.00     20.00     Bottom Cf T	L'A-A-U Lange	Dall	l Oil Company, L	LC		Sides #1-3	
ATTN:       Richard Bell       Test Start:       2011.05.10 @ 09:18:00         Drill Fipe:       Length:       3389.00 ft       Diameter:       3.80 inches Volume:       47.54 bbl       Tool Weight:       2000.00 lb         Heavy W. Fipe:       Length:       0.00 ft       Diameter:       0.00 inches Volume:       0.00 bbl       Weight set on Packer: 25000.00 lb         Drill Fipe Above KB:       18.00 ft       Diameter:       2.25 inches Volume:       0.60 bbl       Weight to Pul Loose: 48000.00 lb         Drill Fipe Above KB:       18.00 ft       Total Volume:       48.14 bbl       Tool Chased       0.00 ft         Drill Fipe Above KB:       18.00 ft       Total Volume:       48.14 bbl       Tool Chased       0.00 ft         Drill Fipe Above KB:       18.00 ft       Total Volume:       48.14 bbl       Tool Chased       0.00 ft         Depth to Bottom Packer:       2       ft       Final       45000.00 lb       Final         Jopeth to Bottom Packer:       2       Diameter:       6.75 inches       Final       45000.00 lb         Tool Description       Length (ft)       Serial No.       Position       Depth (ft)       Accum. Lengths         Shut h Tool       5.00       3504.00       3504.00       20.00       Bottom Cf Top f	ESTI						24
Tool Information         Drill Pipe:       Length:       3389.00 ft       Diameter:       3.80 inches Volume:       47.54 bbl       Tool Weight:       2000.00 lb         Heavy Wk. Pipe:       Length:       0.00 ft       Diameter:       0.00 inches Volume:       0.00 bbl       Weight set on Packer:       25000.00 lb         Drill Pipe:       Length:       123.00 ft       Diameter:       2.25 inches Volume:       0.60 bbl       Weight set on Packer:       25000.00 lb         Drill Pipe Above KB:       18.00 ft       Diameter:       2.25 inches Volume:       0.60 bbl       Weight set on Packer:       48000.00 lb         Depth to Top Packer:       3514.00 ft       Total Volume:       48.14 bbl       Tool Chased       0.00 ft         Depth to Top Packer:       3514.00 ft       Final       45000.00 lb       Final       45000.00 lb         Depth to Bottom Packers:       2       Diameter:       6.75 inches       Final       45000.00 lb         Tool Description       Length (ft)       Serial No.       Position       Depth (ft)       Accum. Lengths         Shut In Tool       5.00       3509.00       20.00       Bottom Cf Top for		209					
Drill Fipe:         Length:         3389.00 ft         Diameter:         3.80 inches Volume:         47.54 bbl         Tool Weight:         2000.00 lb           Heavy Wt. Fipe:         Length:         0.00 ft         Diameter:         0.00 inches Volume:         0.00 bbl         Weight set on Packer:         2500.00 lb           Drill Collar:         Length:         123.00 ft         Diameter:         2.25 inches Volume:         0.60 bbl         Weight set on Packer:         2500.00 lb           Drill Pa Above KB:         18.00 ft         Total Volume:         48.14 bbl         Tool Chased         0.00 ft           Depth to Top Packer:         3514.00 ft         Total Volume:         48.14 bbl         String Weight:         Initial         44000.00 lb           Depth to Bottom Packer:         ft         Interval betw een Packers:         26.00 ft         String Weight:         Initial         45000.00 lb           Number of Packers:         2         Diameter:         6.75 inches         String Weight:         String		ATT	N: Richard Bell			Test Start: 2011.05.10 @	<u>v</u> 09:18:00
Drill Fipe:Length:3389.00 ftDameter:3.00 incress Volume:47.04 bitUse Treet resultHeavy Wt. Fipe:Length:0.00 ftDiameter:0.00 inchess Volume:0.00 bblWeight set on Packer: 2500.00 lbDrill Collar:Length:123.00 ftDiameter:2.25 inchess Volume:0.60 bblWeight set on Packer: 2500.00 lbDrill Collar:Length:123.00 ftDiameter:2.25 inches Volume:0.60 bblWeight set on Packer: 2500.00 lbDrill Above KB:18.00 ftTotal Volume:48.14 bblTool Chased0.00 ftDepth to Top Packer:3514.00 ftTotal Volume:48.14 bblString Weight: InitialDepth to Bottom Packer:ftInterval betw een Packers:26.00 ftFinalNumber of Packers:2Diameter:6.75 inchesFinal45000.00 lbTool DescriptionLength (ft)Serial No.PositionDepth (ft)Accum. LengthsShut In Tool5.003499.003504.00FinalFinalHydraulic tool5.003504.0020.00Bottom Of Top IPacker5.003514.003515.00Stubb1.00Stubb1.003515.003515.00Stubb1.00	Tool Information						
Heavy Wt. Fipe:Length:0.00 ftDiameter:0.00 inches Volume:0.00 bblWeight set on Packer:2500.00 lbDrill Collar:Length:123.00 ftDiameter:2.25 inches Volume:0.60 bblWeight to Pull Loose:48000.00 lbDrill Pipe Above KB:18.00 ftTotal Volume:48.14 bblTool Chased0.00 ftDepth to Top Packer:3514.00 ftTotal Volume:48.14 bblString Weight:1112 44000.00 lbDepth to Bottom Packer:ftFinal45000.00 lbFinal45000.00 lbInterval betw een Packers:2 6.00 ftFinal45000.00 lbFinal45000.00 lbNumber of Packers:2 Diameter:6.75 inchesString Weight:Final45000.00 lbShut In Tool5.003499.00Hydraulic tool5.003509.0020.00Bottom Of Top IPacker5.003509.0020.00Bottom Of Top IPacker5.003514.005114.005114.00Shut In Tool5.003515.005114.00Packer5.003515.005114.00Stubb1.003515.005115.00	vill Pine: Length:	3389.00 ft Diame	er: 3.80 in	ches Volume:	47.54 bbl		
Drill Collar:     Length:     123.00 ft     Diameter:     2.25 inches Volume:     0.60 bbl     Weight to Full Loose.     4000.00 lb       Drill Pipe Above KB:     18.00 ft     Total Volume:     48.14 bbl     Tool Chased     0.00 ft       Depth to Top Packer:     3514.00 ft     String Weight linitial     44000.00 lb       Depth to Bottom Packer:     ft     Final     45000.00 lb       Interval betw een Packers:     26.00 ft     Final     45000.00 lb       Number of Packers:     2     Diameter:     6.75 inches     Ength (ft)       Tool Description     Length (ft)     Serial No.     Position     Depth (ft)     Accum. Lengths       Shut In Tool     5.00     3499.00     3499.00     Packer     5.00     Bottom Of Top I       Packer     5.00     3504.00     String Veight In Top I     Bottom Of Top I       Packer     5.00     3514.00     String Veight In Top I       Packer     5.00     3514.00     String Veight In Top I       Packer     5.00     3514.00     String Veight In Top I       Packer     5.00     3515.00     100		0.00 ft Diame	er: 0.00 in	ches Volume:			
Drill Pipe Above KB:     18.00 ft       Depth to Top Packer:     3514.00 ft       Depth to Top Packer:     10       Interval betw een Packers:     26.00 ft       Tool Length:     46.00 ft       Number of Packers:     2       Diameter:     6.75 inches         Tool Description     Length (ft)     Serial No.     Position     Depth (ft)     Accum. Lengths       Shut In Tool     5.00     3499.00       Hydraulic tool     5.00     3504.00       Packer     5.00     3509.00     20.00       Bottom Of Top F       Stubb     1.00     3515.00		123.00 ft Diame	er: 2.25 in	ches Volume:			
Depth to Top Packer:       3514.00 ft       Final       45000.00 lb         Depth to Bottom Packer:       ft       Interval betw een Packers:       26.00 ft         Tool Length:       46.00 ft       Accum. Length       46.00 ft         Number of Packers:       2       Dameter:       6.75 inches         Tool Description       Length (ft)       Serial No.       Position       Depth (ft)       Accum. Lengths         Shut In Tool       5.00       3499.00       3499.00       3499.00       Packer       5.00       3504.00         Packer       5.00       3509.00       20.00       Bottom Of Top F         Packer       5.00       3514.00       Stubb       1.00       3515.00		19.00 ft		Total Volume:	48.14 bbl		
Depint of op Packer:       ft         Interval betw een Packers:       26.00 ft         Tool Length:       46.00 ft         Number of Packers:       2         Diameter:       6.75 inches         Tool Description       Length (ft) Serial No.         Position       Depth (ft)         Accum. Lengths         Shut In Tool       5.00         Hydraulic tool       5.00         Packer       5.00         Shub In Tool       5.00         Shut In Tool       5.00         Shut In Tool       5.00         Backer       5.00         Shub In Tool       5.00         Shub In Tool       5.00         Backer       5.00         Shub In Tool       5.00         Shub In Tool       5.00         Backer       5.00         Shub In Tool       5.00         Backer       5.00         Shub In Tool       3515.00							
Interval betw een Packers:       26.00 ft         Tool Length:       46.00 ft         Number of Packers:       2         2       Diameter:         6.75 inches         Tool Description       Length (ft)         Shut In Tool       5.00         Hydraulic tool       5.00         Packer       5.00         Shubb       1.00         Stubb       1.00         Stubb       200	Sepurito rop r donor.					T II IGA	10000.00 15
Tool Length:46.00 ftNumber of Packers:2Diameter:6.75 inchesTool Comments:2Diameter:6.75 inchesTool DescriptionLength (ft)Serial No.PositionDepth (ft)Accum. LengthsShut In Tool5.003499.003504.00Storm Of Top RHydraulic tool5.003509.0020.00Bottom Of Top RPacker5.003515.00Storm Of Top RStubb1.003266Incide3515.00		26.00 ft					
Number of Packers:2Diameter:6.75 inchesTool Comments:Length (ft)Serial No.PositionDepth (ft)Accum. LengthsShut In Tool5.003499.00Hydraulic tool5.003504.00Packer5.003509.0020.00Packer5.003514.00Stubb1.003515.00Stubb20.009266Deptice3515.00		46.00 ft					
Tool DescriptionLength (ft)Serial No.PositionDepth (ft)Accum. LengthsShut In Tool5.003499.00Hydraulic tool5.003504.00Packer5.003509.0020.00Packer5.003514.00Stubb1.003515.00		2 Diama	ter: 6.75 in	iches			
Tool Description         Exiting of the first of th	Fool Comments:						
Tool Description         Exiting of the first of th							
Tool Description         Exist in tool         3499.00           Shut in Tool         5.00         3504.00           Hydraulic tool         5.00         3509.00         20.00           Packer         5.00         3514.00           Stubb         1.00         3515.00		Longth	(A) Corial No.	Position	Denth (ft)	Accum, Lengths	
Shut in Tool         5.00         3504.00           Hydraulic tool         5.00         3509.00         20.00         Bottom Of Top F           Packer         5.00         3514.00         3515.00         Stubb         1.00         3515.00			,	rosidon		,	
Hydraulic tool         3.00         3509.00         20.00         Bottom Of Top F           Packer         5.00         3514.00         3515.00         Stubb         0.00         83515.00							
Packer         5.00         3514.00           Packer         5.00         3515.00           Stubb         2.00         8266         beide         3515.00	-lydraulic tool					20.00	Bottom Of Top Packer
Packer         0.00           Stubb         1.00         3515.00           0.00         8266         Incide         3515.00	Packer					20.00	
Stubb 1.00 Reide 3515.00	Packer				a har second and		
Recorder 0.00 8366 Inside 3515.00	Stubb			la a la la			
0.4111 2545.00	Recorder						
Recorder 0.00 8320 Outside 3515.00	Recorder			Outside			
Perforations 22.00 3537.00	Perforations					26.00	Bottom Packers & Anchor
Bullnose 3.00 3540.00 26.00 Bottom Packers & A	Bullnose	3.0	)		3540.00	20.00 E	DULUM FACKETS & ANCHO
Total Tool Length: 46.00	Total Too	Length: 40	.00				

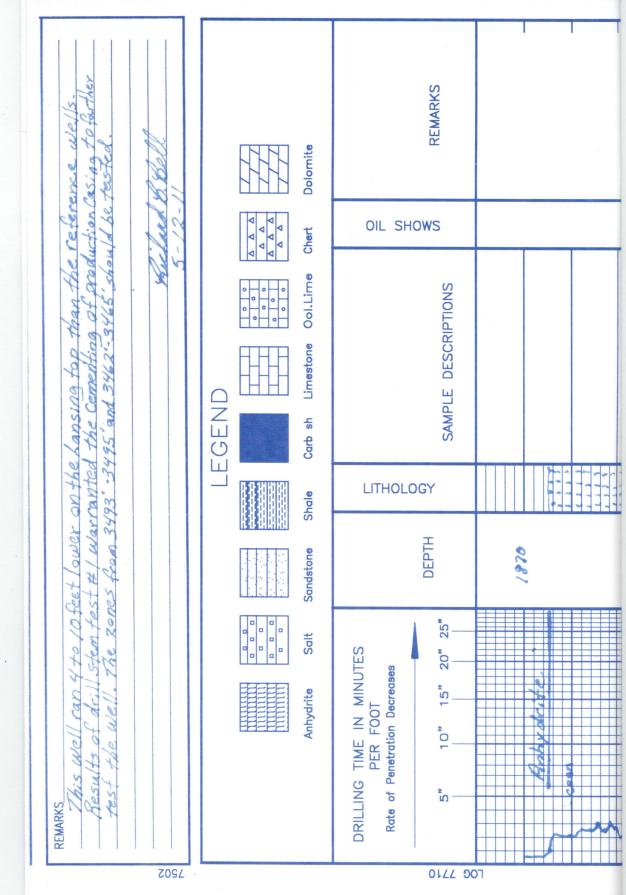
()A	RILOBITE	<b>_</b>	DRI	LL STEM TEST RE	PORT	-		FLUID SUMMARY
UED.	No. of Concession, Name		Baird C	Dil Company, LLC		Sides #1-3	3	
	ESTING	G , INC	Logan,	k 428 KS 67646 Richard Bell	KS 67646		<b>Norton KS</b> 142006 1011.05.10 @ 09	<b>DST#:4</b> 9:18:00
Mud and	Cushion Inform	nation						
Mud Type: Mud Weight: Viscosity: Water Loss: Resistivity: Salinity: Filter Cake:	Gel Chem 9.00 lb/ga 50.00 sec/v 6.76 in <sup>3</sup> ohm 1000.00 ppm 2.00 inche	lqt .m		Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure:		ft bbl psig	Oil API: Water Salinity:	deg API 20000 ppm
Recovery	Information							
	·			Recovery Table			т	
		Lengt ft	th	Description		Volume bbl		
			123.00	MCW w /trace of oil 63%w , 37%n		0.605		
			40.00	WOM w /trace of oil 69%m, 31%w	/	0.561	1	
			5.00	OMW 40%w , 33%m, 27%o		0.070	1	
	Total L	ength: luid Samp		.00 ft Total Volume: Num Gas Bombs: 0	1.236 bbl	Serial #		
		atory Nan		Laboratory Location:				
	Recove	ery Com	nents: RV	V = .240 ohms @ 97.8 deg FChlorid	des = 20,00	0		
	ι.							
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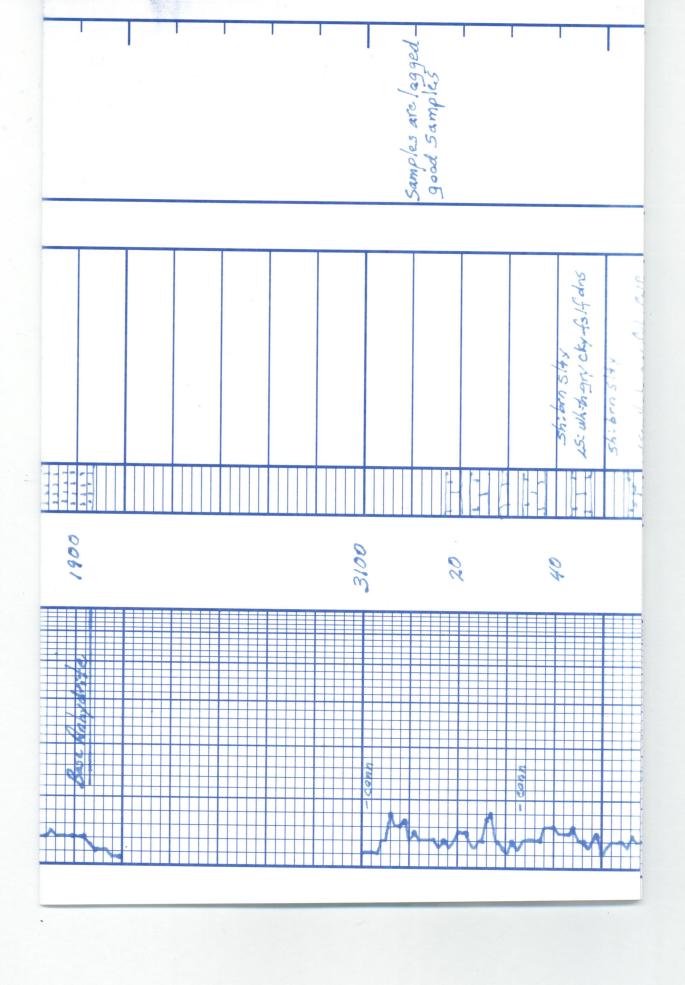


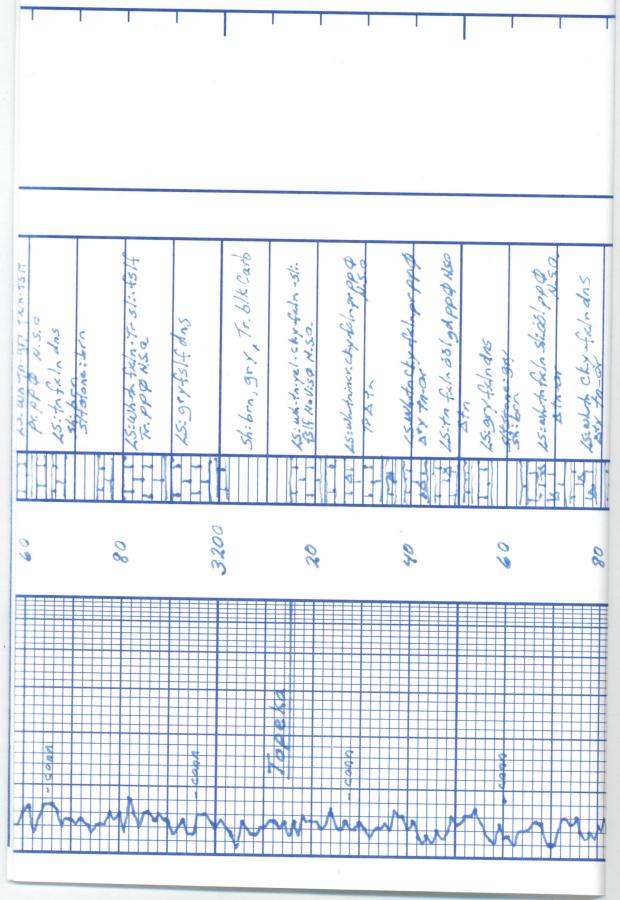
Printed: 2011.05.19 @ 11:14:33 Page 5

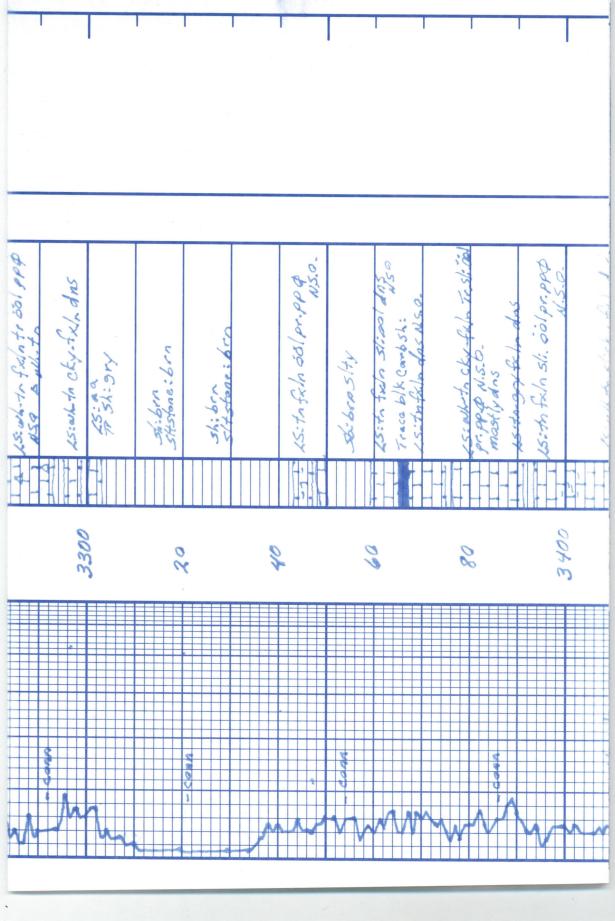
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HP1 # 15-13	7-205.	59-00-	.00				20
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COMPANY Baird	Oil Con	ipany, Li	I.C.			ATION	
LEASE Sides		· · · · · · · · · · · · · · · · · · ·					
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SPUD 5-5-11	Produc		4 84	11.21			
SAMPLES SAVED F	ROM 3/4	50' TO	RTD	E	LECTR	IC LO	GS
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FOR	MATION TO	OPS AND S	STRUCTURA	L POSI	I ON		
FORMATION	SAMPLE	E. LOG	DATUM	A	В	С	D
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	3215	3219.	-1001	- 992	-993		
Topeka		2110	the second se	-1102	-1196		
Heebner	3414	3417	-1201				
Heebner Toronto	3441	- · · ·	-1201 -1227	-1218	-/221		
Heebner Tororto Lansing	3441 3458	3461	-1243	-1218 -1233	-/221 -/239		
Heebner Toronto Lansing Base Kansas City	3441 3458 3643	3461 3647	-1243 -1429	-1218 -1233 -1422	-/221 -/239 -/425		
Heebner Tororte Lansing Base Kansas City Marmaton	3441 3458	3461 3647 3682	-1243 -1429	-1218 -1233	-/221 -/239 -/425		
Heebner Toronto Lansing Base Kansas City	3441 3458 3643 3677	3461 3647 3682	-1243 -1429 -1464 -1489	-1218 -1233 -1422	-/221 -/239 -/425 -/462		
Heebner Toronto Lansing Base Kansas Gity Marmaton Arbuckle	3441 3458 3643 3677 3702	3461 3647 3682 3707 3740	-1243 -1429 -1464 -1489 -1522	-12/8 -1233 -1422 -1458	-/221 -/239 -/425 -/462 -/512		
Heebner Toronto Lansing Base Kansas City Marmaton Arbuckle Precambrian	344/ 3458 3643 3677 3702 3735 3750	3461 3647 3682 3707 3740 3753	-1243 -1429 -1464 -1489 -1522 -1535	-1218 -1233 -1422 -1458 -1458	-/221 -/239 -/425 -/462 -/512		
Heebner Tororto Lansing Base Kansas Gity Marmaton Arbuckle Precambrian Total Depth	344/ 3458 3643 3677 3702 3735 3750	3461 3647 3682 3707 3740 3753	-1243 -1429 -1464 -1489 -1522 -1535	-12/8 -1233 -1422 -1458 -1458 -1493 -1596	-/22  -/239 -/425 -/462 -/512 -/512 -/534	n ay dan Persentingan	
Heebner Toronto Lansing Base Kansas City Marmaton Arbuckle Precambrian	3441 3458 3643 3677 3702 3735 3750	3461 3647 3682 3707 3753 3753 REFERENC	-1243 -1429 -1464 -1489 -1522 -1535 E WELLS	-1218 -1233 -1422 -1458 -1458 -1493 -1596	-/221 -/239 -/425 -/462 -/512 -/534 3-45-	21W	









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Strap 3483.70 Board 3483.20 Diff. 3483.20 Diff. 50 Trilobite Testing	DST#1 3446": 3468" 30.45.30.45 IF: B.a.B.in 9341min. IST: 2%" blowback	FF: BOB. IN 12 min FST: L' blauback Recovery: 455 GLP. 230 Total fluid 190 GO 2176,760 40 GOCM 147.G	HVN: 1656-1640 557.m FP: 26-66/73-92# BNP: 1232-1201# BNTemp: 100°F. Grav: 17: 36.4 °A.P.T.	DST#2 3472-3492" 30-30-30-30 17:1" blow	Recovery: 32 G.I.P. 30'Swacm 4570, 37. W. 527M Hyt: 1682-1653# 59: 12-15/15-20# 849: 1064-989#
Strap Board Diff. Trilobi	DST #1/ 30-45 IF: B.0.8.	FF: BO.B. in 12 min FST: 6" blow back Recovery: 455 6 230 704 1 fluid 190 60 2176,76 40 60 2176,76	HYA: 1656- FP: 26-66, BNP: 1232 BNP: 1232 BNTEMP: 1	DST#23472-30 30-30-30-30-30 17:1" 610W	Recovery 30'5 W 0 HVH: 168 FP: 12-1. BHP: 100
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shi BIK Carb. Shi BIK Carb. Ksita-gry the shift das ince shi gry bea	sastoneiben 15: which slicky testisus. fech slipyettis pop NSO.	Shibrn SHY Shibrn SHY 15: whth film and put ht. Osat. ht. sota of Shipp Fo ancrushing fr ad or h.S. eh th - ht. gry Shicky-	then dis. 15: alb. faladas 5h:ben 3ry 15: wh-tafalate o'él-sue tria	pp F.o. fr. oder Atr 41-911 BP F.o. fr. oder Atr 41-911 Shi gry, brn U. Saft	LS: Whith OKy fulndns N.S.a. The whith Is: Whith fuln trsl: al- Suc frider and ppp
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DST#3 3514.3532 30-30-0 30-30-0 FF:WK blow FST: No blow back Recovery: 15'0CM 217.0, 797.0	RP: 12-17# EHP: 444# BHTemp: 970F. D57# 4 3514-3540 30-30-30-30	252: No blaw EF. 4194 blaw FSI: WE Surface, blaw Accovery: 168 764a1 5 OCMW 2720, 3378M 440 WM 3178W, 2978M 123 MW 6378W, 3778M	HYd: 1700-1693 # FP: 14-72/73-91# BHP: 1287-1283# BHTenp: 98°F. Chlorides: 20,000ppm	
2		2	2	
Sphes Strong adort to tay Sphes Strong adort to tay her athread adort 10,500.	shigry, br shigry, br shigry, br xs: aluth-gry cky for shift tr pp of forable wissor fich dns	Snormany LSENL th fxln dns N.S. O Sh. brn, gry KSEN th fxln gal "Ifass. ASEN th fxln gal "Ifass. ASEN the drk sorta OSh PP drk brn Fo.	Shibrn, gry Starbari, gry Asi why slicky-fulnsli. Out prob blk tary -reph Shibrn Lsitn-yel fuln sub 001 Lsitn-yel fuln sub 001	shiben sity, gry sity shiben sity
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