



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1081367
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1081367

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Baird Oil Company LLC
Well Name	Esslinger Ranch, Inc. 2-26
Doc ID	1081367

All Electric Logs Run

RAG
MICRO
DUAL INDUCTION
COMPENSATED NEUTRON

Form	ACO1 - Well Completion
Operator	Baird Oil Company LLC
Well Name	Esslinger Ranch, Inc. 2-26
Doc ID	1081367

Tops

Name	Top	Datum
Anhydrite	1994	+315
Base Anhydrite	2021	+288
Topeka	3308	-999
Heebner	3508	-1199
Toronto	3534	-1225
Lansing	3550	-1241
Base Kansas City	3739	-1430
Marmaton	3766	-1457
Wea. Granite	3803	-1494
Granite	3838	-1529
Total Depth	3863	-1554

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



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

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

Sam Brownback, Governor

May 15, 2012

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

Re: ACO1
API 15-137-20603-00-00
Esslinger Ranch, Inc. 2-26
SE/4 Sec.26-03S-22W
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

API #15-137-20603-00-00

GEOLOGICAL REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY Baird Oil Company, LLC.
 LEASE Esslinger Ranch, Inc. # 2-26
 FIELD Wildcat
 LOCATION 2265'ESL + 330'FEL
 SEC 26 TWSP 3s RGE 22W
 COUNTY Norton STATE Kansas

ELEVATION
 KB 2309'
 DF 2307'
 GL 2404'
 Depths Measured From
 Log KB Drilling KB

CONTRACTOR WWD Drilling Rig #8
 SPUD 4-18-12 COMP 4-25-12
 SAMPLES SAVED FROM 3300' TO R.T.D.

CASING
 Surface 8 5/8" @ 213'
 Production 5 1/2" @ 3860'

ELECTRIC LOGS
 Superior Well Services

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE	E. LOG	DATUM	A	B	C	D
				0			
Anhydrite	1994	1994 +	315	+ 325			
Base Anhydrite	2021	2021 +	288	+ 297			
Topeka	3308	3308 -	999	- 995			
Heebner	3508	3508 -	1199	-1196			
Toronto	3534	3534 -	1225	-1222			
Lansing	3550	3550 -	1241	-1237			
Base Kansas City	3738	3739 -	1430	-1430			
Marmaton	3765	3766 -	1457	-1461			
Wea. Granite	3801	3803 -	1494				
Granite	3836	3838 -	1529	- 1516			
Total Depth	3860	3863 -	1554	-1546			

REFERENCE WELLS

A Baird Oil Co., LLC. Esslinger Ranch, Inc. # 1-26, 910'ESL + 1635'FEL
 B Sec. 26-3s-22W
 C
 D Part collar @ 2012'


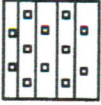



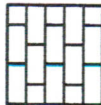
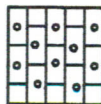
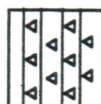

REMARKS

This well ran 4 feet lower on the Lansing top than the reference well. After evaluating the suite of open hole logs and drill stem test data, it was decided production casing would be cemented. The following zones should be tested: 3797'-3802', 3766'-3771', 3700'-3702' and 3596'-3598'.

Richard B. Bell
4-26-12

7502

LEGEND

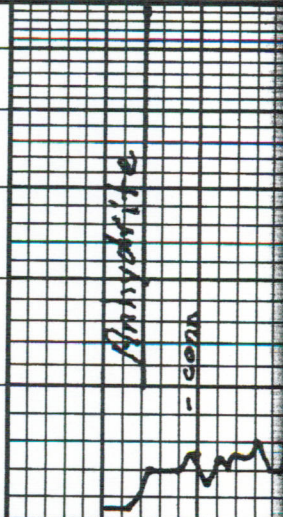
- 
 Anhydrite
- 
 Salt
- 
 Sandstone
- 
 Shale
- 
 Carb sh
- 
 Limestone
- 
 Ool. Lime
- 
 Chert
- 
 Dolomite

DRILLING TIME IN MINUTES
PER FOOT

Rate of Penetration Decreases



5" 10" 15" 20" 25"



LOG 7710

LITHOLOGY

DEPTH

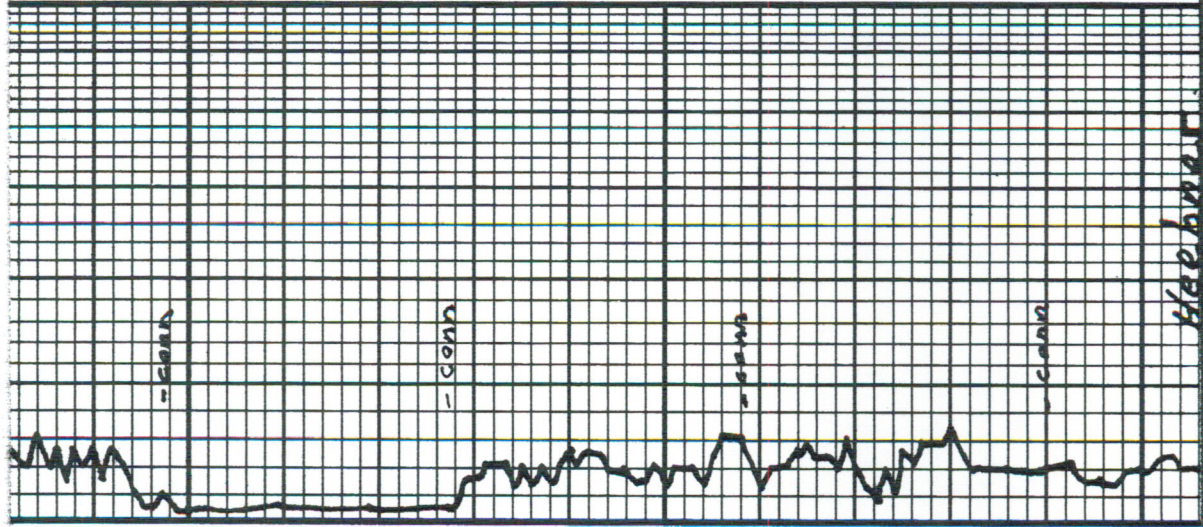
1990

2000

SAMPLE DESCRIPTIONS

OIL SHOWS

REMARKS



3400	LS: wh-tn-bk gry sli. cky - fxln dns Tr Δ a.a. Shi: brn sdy
20	V. shly: brn sdy slty
40	LS: wh-ta cky-fxln pp φ N.S.O. shibea slty
60	LS: tn-gry fsif dns Trace blk carb sh LS: wh-ta fxln tr. incln φ friable N.S.O. Δ tn-or
80	LS: wh-ta-brn v. cky. fxln dns N.S.O. sh: brn LS: wh-ta deer. cky - fxln ool pp φ N.S.O. Δ tn
3500	LS: wh-ta - lt. gry fxln dns



Strap 3586.85
 Board 3586.15
 Diff. .70
 Incline @ 3560 1°

DST #1 3539'-3560'
 30-30-5-30
 IF: wk blow for 30 min.
 FF: No blow
 Recovery: 5' OS M
 Hyd: 1779-1698#
 FP: 16-19/23-23#
 BHP: 971-1001#
 BH Temp: 93°F

DST #2 3588'-3608'
 30-30-0-0
 IF: wk blow dia 28 min.
 Recovery: 120' Total
 60' F.O.
 60' OS MW 70% W, 30% M
 Hyd: 1836-1806#
 FP: 17-64#
 BHP: 1111#
 BH Temp: 93°F
 Gravity: 22° A.P.I.

DST #3 3588'-3608'
 45-45-45-45 7 1/2"
 IF: wk blow incr to 6"
 FF: wk blow incr to 6"
 Recovery: 180' Total
 60' F.O.
 60' OS MW 70% W, 30% M
 60' OS MW 80% W, 20% M
 Hyd: 1831-1792#

17 5514 dms
 Sh: btk carb
 LS: gn-lt. gry mtld fsif
 pyritic dms

Sh: brn

LS: wh-fn sli. cky-fxln oöl
 in part of dms
 Lt. brn

Sh: brn

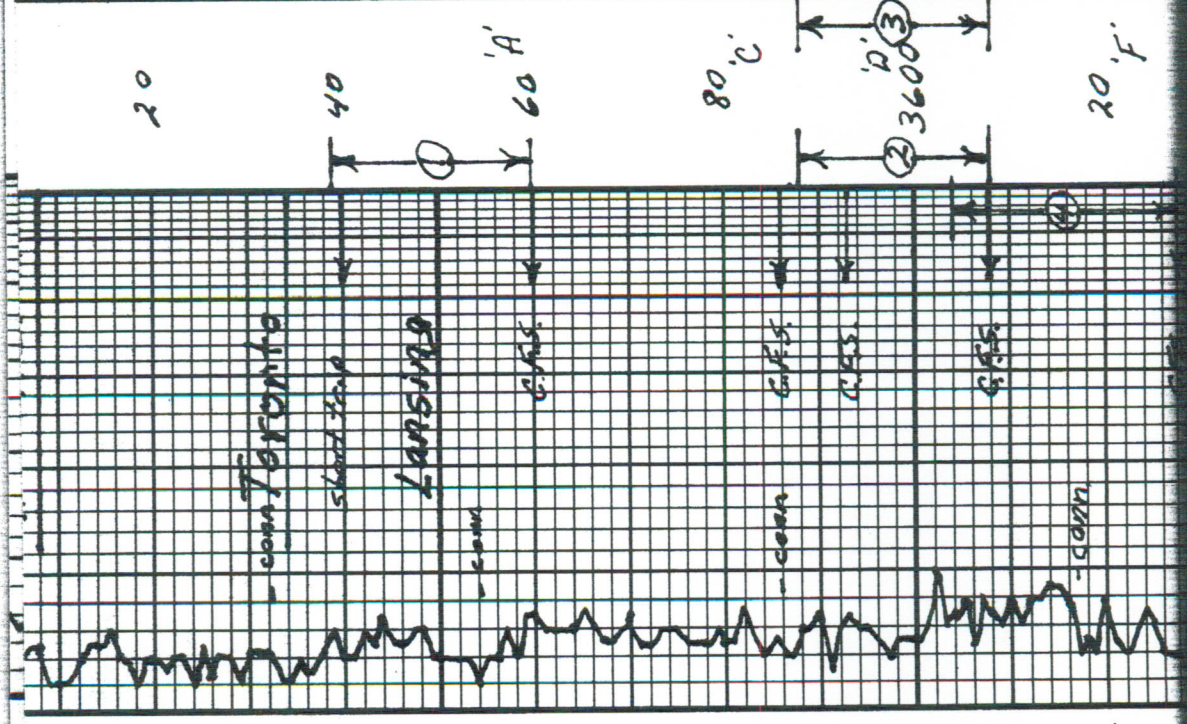
LS: wh-fn sli. cky-fxln-fsif
 oöl w/ foss incl. in part of
 scat Lt. spt d o stn pp f.o.
 crushing No odor
 Tr A tn

Sh: gry slty

LS: wh-thcky-fxln fr sli
 oöl Tr. pr. pp f. tr. pr. Lt.
 o. stn N. F.O. No odor
 Sh: brn-lt. gry

LS: wh-fn fxln-fsif oöl w/
 foss. incl. pp f. - v g v f
 drk o sat. bleeding f.o.
 ft. odor Lt. gry

LS: wh-fn cky-fxln oöl
 pp f. Lt. spt d o stn Tr. Lt
 o sat pp f.o. No odor.



sh: btk carb
 LS: gn-lt. gry mtld fsif
 pyritic dms

sh: brn

LS: wh-fn sli. cky-fxln oöl
 in part of dms
 Lt. brn

sh: brn

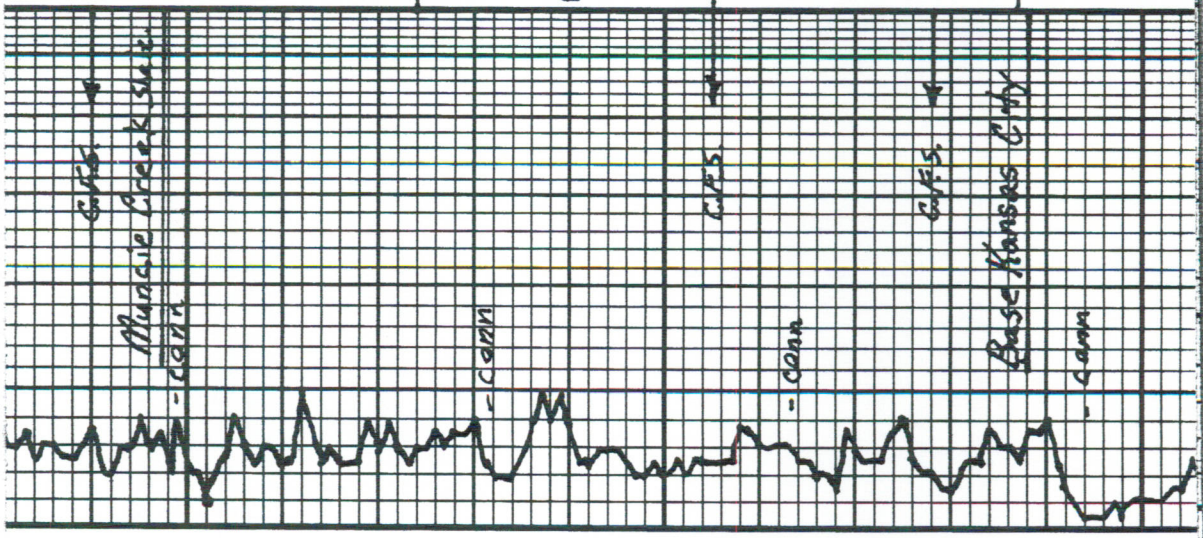
LS: wh-fn sli. cky-fxln-fsif
 oöl w/ foss incl. in part of
 scat Lt. spt d o stn pp f.o.
 crushing No odor
 Tr A tn

sh: gry slty

LS: wh-thcky-fxln fr sli
 oöl Tr. pr. pp f. tr. pr. Lt.
 o. stn N. F.O. No odor
 sh: brn-lt. gry

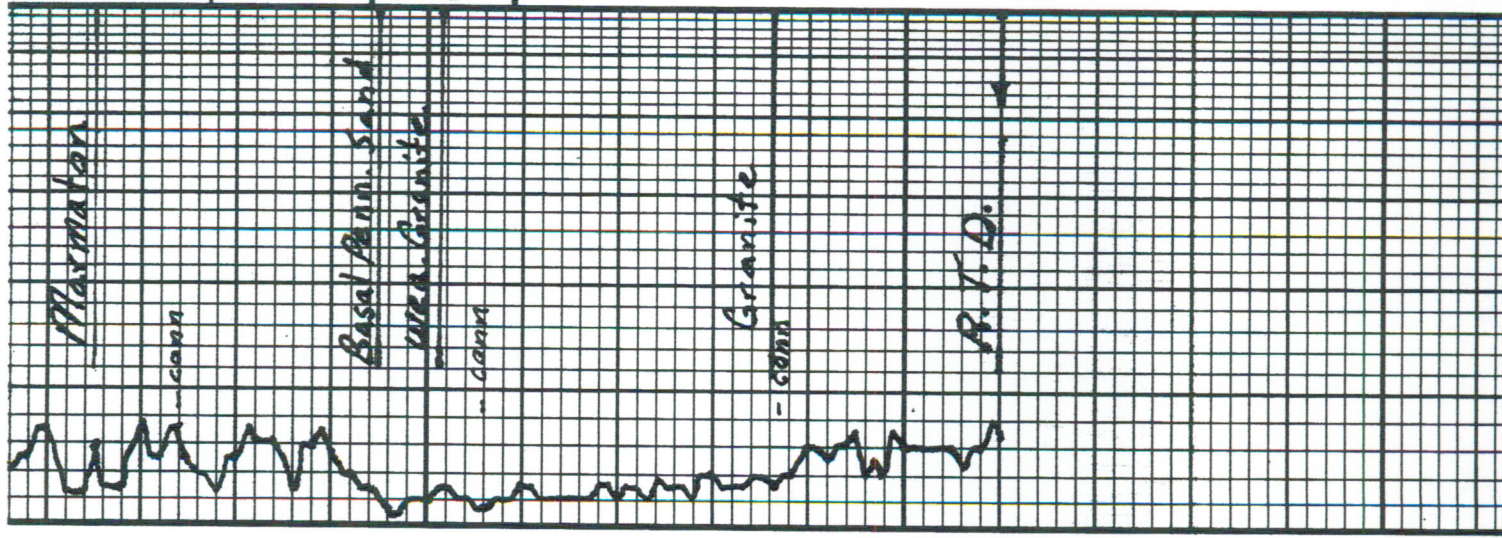
LS: wh-fn fxln-fsif oöl w/
 foss. incl. pp f. - v g v f
 drk o sat. bleeding f.o.
 ft. odor Lt. gry

LS: wh-fn cky-fxln oöl
 pp f. Lt. spt d o stn Tr. Lt
 o sat pp f.o. No odor.



LS: wh-tn sli. cky-fxln dns N.S.Q.	40	G
Atn-gry		
Tr. blk Carb sh.		
Sh: gry, brn, grn	60	H
LS: wh-tn-lt. gry cky-fxln Tr. pp. N.S.Q.		
Sh: brn, gry, grn	80	I
LS: wh-tn cky-fxln dns		
LS: brn shly: dns		
Sh: brn slty dns	3700	J
LS: wh-tn cky-fxln Tr. silf in part ppt. rainbow S.O. dk O Sat. pp F.O. Noodor		
Sh: brn, gry	20	K
LS: wh-tn sli. ye. fxln-fsif Tr.ool pr. pp F.O. Tr. iso. Vugs Lt. sp. O. stn. Tr. pp F.O. Sh: brn		
LS: wh-tn cky-fxln dns	40	L
Sh: brn slty		

FPI: 1099-1079#
 BHP: 1099-1079#
 BH Temp: 93°F
 Gravity: 22° API
 DST #4 3604'-3628'
 30-30-15-30"
 IF: wk blow incr. to 1 1/8"
 FF: No blow
 Recovery: 15' OSM
 HYD: 1839-1822#
 FP: 18-28/32-35#
 BHP: 919-847#
 BH Temp: 93°F
 DST #5 3674'-3705'
 45-45-45-45"
 IF: wk blow incr. to 8"
 ISI: wk blow incr. to 20 mi
 FF: wk blow incr. to 7"
 FSI: wk blow incr. to 40 mi
 Recovery: 246' Total
 216' F.O.
 30' OCM 2020, 802 m
 HYD: 1861-1929#
 FP: 17-61/68-80#
 BHP: 1059-988#
 BH Temp: 96°F
 Gravity: 40° API
 DST #6 3794'-3809'
 Straddle Test
 45-45-45-45"
 IF: wk blow incr. to 2 1/4"
 FF: wk blow incr. to 2 1/2"
 Recovery: 150' Total
 100' F.O.
 50' OCM 2020, 802 m
 HYD: 1972-1959#
 FP: 24-50/55-67#
 BHP: 974-938#
 BH Temp: 97°F



60
80
3820
20
40
60

LS wh. v. cky - f. in. obl. pp. - in part @ dk thick @	LS wh. - tncky felds dk. N. sa.	LS. aa. w/ abund. pyroxid + rod shap crystals of Qtz sd in dk. sat. bleeding f.o.	incr. Qtz. frosted rnd wea. granitz a.g.	Same as Qtz	Quartz, biotite, felds.	incr Qtz, biotite, felds														
--	---------------------------------	---	--	-------------	-------------------------	--------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

gravity: 50 m.t.
? looks thick
DST #7 3737-3777
Saddle Test
45-45-46-45
IF: wk blow incr. to 5 1/4"
FF: wk blow incr. to 1 1/4"
Recovery: 150' total
90' 05M
60' 05MW 102W, 902M
HYD: 1934-1841 #
FP: 33-103/110-109 #
BHP: 939-988 #
BH Temp: 97°F.

✓
✓

SWIFT



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

Invoice

DATE	INVOICE #
4/18/2012	21348

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

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#2-26	Esslinger Ra...	Norton	WW Drilling #8	Oil	Development	Surface	Dave

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	80	Miles	6.00	480.00
576D-S	Pump Charge - Shallow Surface (< 500 Ft.)	1	Job	1,000.00	1,000.00
290	D-Air	1	Gallon(s)	35.00	35.00T
325	Standard Cement	160	Sacks	13.50	2,160.00T
278	Calcium Chloride	4	Sack(s)	40.00	160.00T
279	Bentonite Gel	3	Sack(s)	25.00	75.00T
581D	Service Charge Cement	160	Sacks	2.00	320.00
583D	Drayage	626.4	Ton Miles	1.00	626.40
	Subtotal				4,856.40
	Sales Tax Norton County			7.05%	171.32
	<i>R 4/20/12</i>				
	<i>P 4/20/12</i>				
	<i>Esslinge 190402 5027.72</i>				
	<i>Esslinger Ranch line 2-26- pump charge, cement + other misc used to cement surface casing.</i>				
				<i>4/20/2012</i>	
				<i>CK#12119</i>	

We Appreciate Your Business!

Total

\$5,027.72



Services, Inc.

CHARGE TO: BAND ONE
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET No 21348

PAGE 1 OF 1

1. SERVICE LOCATIONS <u>HAYS</u>	WELL/PROJECT NO. <u>0-26</u>	LEASE <u>Essence Pump Tr</u>	COUNTY/PARISH <u>Wagon</u>	STATE <u>KS</u>	CITY	DATE <u>04-18-12</u>	OWNER
2. <u>NESS</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO. <u>WOODC 48</u>	SHIPPED VIA <u>5</u>	DELIVERED TO <u>Wagon</u>	ORDER NO.	WELL LOCATION <u>5067-3822</u>
3.	WELL TYPE <u>DIC</u>	WELL CATEGORY <u>Develop</u>	JOB PURPOSE <u>SURFACE</u>	WELL PERMIT NO.	<u>15-KS-00003</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<u>575</u>					MILEAGE #112	80	mi			6.00	480.00
<u>576-5</u>					Pump Service	1	hr			1000.00	1000.00
<u>290</u>					D-AIR	1	LN			35.00	35.00
<u>325</u>					SSD CNT	160	sr			13.50	2160.00
<u>278</u>					Calculation	4	sr			40.00	160.00
<u>275</u>					Bevoute Use	3	sr			25.00	75.00
<u>581</u>					Service Calc CNT	160	sr			2.00	320.00
<u>583</u>					DRYAGE	666.9	7m			1.00	666.90

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

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS
 DATE SIGNED 04-18-12 TIME SIGNED 1:30
 A.M. P.M.

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL 4856
 TOTAL 5027
 Tax 7.05%
 Total Tax 171
 Total Amount 5198

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

SWIFT



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



Invoice

DATE	INVOICE #
4/25/2012	21352

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

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#2-26	Esslinger Ra...	Norton	WW Drilling #8	Oil	Development	LongString	Dave

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	90	Miles	6.00	540.00
578D-L	Pump Charge - Long String	1	Job	1,500.00	1,500.00
221	Liquid KCL (Clayfix)	2	Gallon(s)	25.00	50.00T
280	Flocheck 21	500	Gallon(s)	2.50	1,250.00T
290	D-Air	2	Gallon(s)	35.00	70.00T
402-5	5 1/2" Centralizer	11	Each	70.00	770.00T
403-5	5 1/2" Cement Basket	1	Each	250.00	250.00T
404-5	5 1/2" Port Collar	1	Each	2,400.00	2,400.00T
406-5	5 1/2" Latch Down Plug & Baffle	1	Each	250.00	250.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill	1	Each	350.00	350.00T
411-5	5 1/2" Recipo Scratcher	30	Each	45.00	1,350.00T
325	Standard Cement	200	Sacks	13.50	2,700.00T
326	60/40 Pozmix (2% Gel)	40	Sacks	11.00	440.00T
276	Flocele	50	Lb(s)	2.00	100.00T
277	Gilsonite (Coal Seal)	500	Lb(s)	0.75	375.00T
283	Salt	1,550	Lb(s)	0.20	310.00T
285	CFR-1	100	Lb(s)	4.00	400.00T
581D	Service Charge Cement	240	Sacks	2.00	480.00
583D	Drayage	1,093.14	Ton Miles	1.00	1,093.14
	Subtotal				14,678.14
	Sales Tax Norton County			7.05%	780.08
	<p style="text-align: center;">R 4/27/2012 P 4/27/2012 Esslinger 190402 15,458.22 Esslinger Ranch Inc 2-26 - Pump Charge, cement & other misc expenses used to cement production casing</p>				

We Appreciate Your Business!	Total	\$15,458.22
-------------------------------------	--------------	-------------



CHARGE TO: BAND OIL CO
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET
 No 21352

PAGE 1 OF 2

1. SERVICE LOCATIONS <u>HAYS</u>	WELL/PROJECT NO. <u>0-26</u>	LEASE <u>Essexwell Parish Tract</u>	COUNTY/PARISH <u>Moreau</u>	STATE <u>KS</u>	CITY	DATE <u>01/25/12</u>	OWNER
2. <u>NESS</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO. <u>WINDMILL 8</u>	SHIPPED VIA <u>CR</u>	DELIVERED TO <u>Moreau</u>	ORDER NO.	WELL LOCATION <u>526, 73, 122</u>
3.	WELL TYPE <u>DIL</u>	WELL CATEGORY <u>Develop</u>	JOB PURPOSE <u>LOGGING</u>	WELL PERMIT NO. <u>15-137-20603</u>			
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
525					MILEAGE #112	90	m			600	540.00
578					Pump Service	1	EA			1500.00	1500.00
081					LUBRIC	2	gal			25.00	50.00
080					Footcure	500	gal			2.50	1250.00
090					DALIE	2	gal			35.00	70.00
402					CENTRALIZER	11	EA		5 1/2 in	70.00	770.00
403					BAND	1	EA			250.00	250.00
404					BAR CALAR	1	EA			2400.00	2400.00
406					LAZARDOWN Plug at BASSIE	1	EA			250.00	250.00
407					ESSEX FLOATSHOE 4 IN TO FILL	1	CO			350.00	350.00
411					Recip Scazzchas	30	EA			45.00	1350.00

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 Must Signed
 DATE SIGNED 01/25/12 TIME SIGNED 0800
 A.M. P.M.

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	8780	00
PAGE TOTAL	5898	14
SUB	14678	44
TOTAL	780	00
TOTAL	15,450	2

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

Thank You



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

TICKET CONTINUATION

TICKET No. 21352

CUSTOMER
DAIRD Oil Co

WELL
276, ESSINGER LNCH TR

DATE
04-25-12

PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL		DATE		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY.	UM	QTY.	UM		
325		2				STAD CNT	200	51			13.50	2700.00
326		2				60-40002-2852L	40	54			11.00	440.00
276		2				FLOCCUL	50	48			2.00	100.00
277		2				GILSONITE	500	48			75	375.00
283		2				SALT	1550	48			20	310.00
285		2				CHL-1	100	43			4.00	400.00
581		2				SERVICE CHG CNT	240	54			2.00	480.00
583		2				DAVAGE	1093.14	74			1.00	1093.14
						SERVICE CHARGE						
						MILEAGE CHARGE						
						TOTAL WEIGHT						
						LOADED MILES						
						CUBIC FEET						
						TON MILES						

CONTINUATION TOTAL

5898.14

JOB LOG

SWIFT Services, Inc.

DATE 08-25-12 PAGE NO. 1

CUSTOMER BAIRDORR CO WELL NO. 2-26 LEASE ESSINGER RANCH 7-2c JOB TYPE LONGSTRIKE TICKET NO. 21352

CHART NO.	TIME	RATE (BPM)	VOLUME (BBls) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0900							ON LOCATION
								CM7: 40 SWS 60-40 PZ 2 1/2" SB 1 1/2" GILSONITE 200 SWS STD 1/4 FW, 18% SMT, 1/2" CFL-1 500 GAS FLOCHECK 2) 2 SOL HCL
								RTD-3883 SPT-P-3880 SS 2160, TMS 3888 5 1/4"
								PORT COLUMN ON TYP # 41, 2017F1 CENT 17 AM 10, 40 BAR 41 RECIPROSCUTTERS 30, JOINTS 1-10 300
	1600							START ESU & FORTERON
	1750							TAC BITTEN - Drop Ball
	1800							BREAK CIRC & RECIPROCAT PIPE
	1905		7					PLUG RH 30 SWS
	1910	5.5	15.0			300		15666 HCL
		}	12.0			}		500 GAS FLOCHECK 2)
			50					5 bbls HCL
			6.0					200 SWS 60-40
	1925		44.0					200 SWS STD
								DROP PLUG, WASH OUT PL
	1930	6.5	0			200		START Drip
		}	80.0			600		
			85.0			700		
			90.0			850		
	1945		4.5	93.7			1500	
								RELEASE DRY
	2015							JOB COMPLETE
								THANK YOU!
								DAVE, JOSH B, DOUG

SWIFT



Services, Inc.

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



Invoice

DATE	INVOICE #
5/3/2012	21359

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

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#2-26	Esslinger Ra...	Norton	Alliance Well Ser...	Oil	Development	Cement Port Collar	Dave

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	90	Miles	6.00	540.00
576D-D	Pump Charge - Port Collar	1	Job	1,250.00	1,250.00
290	D-Air	2	Gallon(s)	35.00	70.00T
105	5 1/2" Port Collar Tool Rental With Man	1	Each	350.00	350.00T
330	Swift Multi-Density Standard (MIDCON II)	185	Sacks	16.50	3,052.50T
276	Flocele	50	Lb(s)	2.00	100.00T
581D	Service Charge Cement	235	Sacks	2.00	470.00
583D	Drayage	1,055.52	Ton Miles	1.00	1,055.52
	Subtotal				6,888.02
	Sales Tax Norton County			7.05%	251.86
	<p style="text-align: center;">R5/19/2012 P5/19/2012 Esslinge 190402 6495.20 Esslinger Ranch Inc 2-26 - Pump charge, cement & other misc expenses used to cement port collar</p> <p style="text-align: center;">Esslinge 190402 644.68 Esslinger Ranch Inc 2-26 - Rental of port collar & man when cementing port collar</p>				

We Appreciate Your Business!	Total	\$7,139.88
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CHARGE TO: **Bayed Dr Co**
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET No **21359**

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

PAGE 1 OF 1

SERVICE LOCATIONS

1. **HKS** WEL/PROJECT NO. **026** LEASE **Essence Production** COUNTY/PARISH **NORFOLK** STATE **LA** CITY **NORFOLK** DATE **05-03-12** OWNER

2. **NESS** TICKET TYPE **R-SERVICE** CONTRACTOR **ALLIANCE** RIG NAME/NO. **CT** SHIPPED VIA **CT** DELIVERED TO **NORFOLK** ORDER NO.

3. WELL TYPE **Oil** WELL CATEGORY **Develop** JOB PURPOSE **CRY. AIR COLL.** WELL PERMIT NO.

4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE 4 1/2	90	MI			600	540 00
576-11		1			Pump Service	1	EA			1250 00	1250 00
290		1			O-AIR	2	EA			35 00	70 00
105		1			PER HOUR TAX	1	EA	5 1/2	hr	350 00	350 00
330		2			SMO CNT	185	BT			16 50	3052 50
276		2			FLOOSE	50	LB			2 00	100 00
581		2			SERVICE CNT	235	SH			2 00	470 00
583		2			DEVIAGE	1855.52	TM			1 00	1055.52

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

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

DATE SIGNED **05-03-12** TIME SIGNED **0915** A.M. P.M.

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? YES NO

WE UNDERSTOOD AND MET YOUR NEEDS? YES NO

OUR SERVICE WAS PERFORMED WITHOUT DELAY? YES NO

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? YES NO

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL **6888**

TOTAL **7139 8**

Porton TAX 7.05%

SWIFT OPERATOR **Dave Barry** APPROVAL

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

Thank You

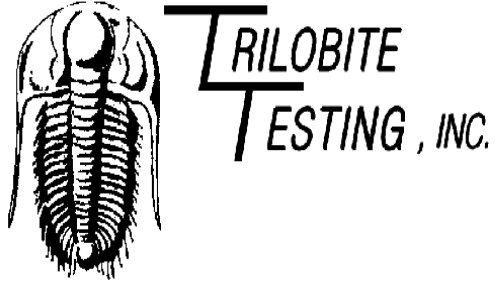
JOB LOG

SWIFT Services, Inc.

DATE 05-03-12 PAGE NO. 1

CUSTOMER BAIRD OIL CO WELL NO. 2-26 LEASE ESSLINGER RANCH INC JOB TYPE CMT PORT COLLAR TICKET NO. 21359

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0915							ONLOCATION CMT: 235 SWS SMD 1/4" ID 2 3/8 x 5 1/2 PORT COLLAR @ 2017
	0930							START TB49 TOOL LOCATED PC
	1100			✓	-	1000	1000	PSI TEST OPEN PC
	1125	3.0	2.0	✓		700		INJ RATE BLOW!
		3.0	8.0	✓		400		NO BLOW!
		3.0	12.0	✓		400		END
	1115	2.0	8.0		✓			LOADED HOOD ON 2 5/8, Pump Down 1/4" HD
		5.0	20.0		✓		100	LIGHT RETURNS ON TB4
	1135	4.0	15.0	✓		400		HOOK BACK ON TB4, INJ. RATE, CIRC OUT 1/2 bpm.
	1200							GET RIG MUD 80 BBLs 755
	1415	3.0	0	✓		600		START MUD NO RETURNS
		2.2	40.0	✓		400		SLOW RETURNS
		3.5	90.0	✓		800		1/2 RETURNS
		2.0	110.0	✓		550		FULL RETURNS
		2.5	155.0	✓		550		END MUD
		2.7	40	✓		550		H2O SPACER
		2.7	0	✓		550		START CMT
	1515	3.0 3.0	60.0	✓		600		
		3.0	85.0	✓		700		CIRC CMT TO PIT!
		3.0	92.0	✓		700		END CMT 185 SWS TOTAL
	1545	3.0	6.8	✓		700		DISP 20 SWS TO PIT! CLOSE PC
	1550			✓	✓	1100	1100	PSI TEST RUN IN 10 JOINTS
	1600	3.0	0	✓			300	REV. OUT
			7.0	✓				1st FLARE
			14.0	✓				2ND FLARE
	1610		30.0	✓				ALL CLEAN PULL TOOL & WASHUP
	1715							JOB COMPLETE THANK YOU! DAVE, JOSH B, ROB



DRILL STEM TEST REPORT

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

113 W Main
Logan, KS 67646

ATTN: Rich Bell

Esslinger Ranch 2-26

26-3s-22w Norton,KS

Start Date: 2012.04.21 @ 16:33:00

End Date: 2012.04.21 @ 21:46:15

Job Ticket #: 46122 DST #: 1

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

Printed: 2012.05.03 @ 10:21:57



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Baird Oil Company, LLC.

26-3s-22w Norton, KS

113 W Main
Logan, KS 67646

Esslinger Ranch 2-26

ATTN: Rich Bell

Job Ticket: 46122

DST#: 1

Test Start: 2012.04.21 @ 16:33:00

GENERAL INFORMATION:

Formation: **LKC "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:42:45

Time Test Ended: 21:46:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 43

Interval: 3539.00 ft (KB) To 3560.00 ft (KB) (TVD)

Reference Elevations: 2309.00 ft (KB)

Total Depth: 3560.00 ft (KB) (TVD)

2304.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6799 Inside

Press @ Run Depth: 23.16 psig @ 3540.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.21

End Date:

2012.04.21

Last Calib.:

2012.04.21

Start Time: 16:33:05

End Time:

21:46:14

Time On Btm:

2012.04.21 @ 18:42:00

Time Off Btm:

2012.04.21 @ 20:20:45

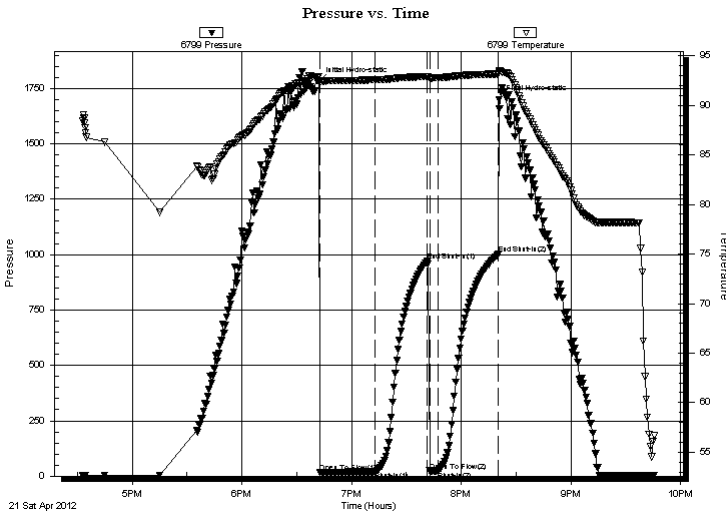
TEST COMMENT: 30- IF- Weak Surface blow built to 1/8" then died back to weak surface

30- IS- No Return

5- FF- No Blow

30- FS- No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1779.66	92.88	Initial Hydro-static
1	16.31	92.42	Open To Flow (1)
31	19.85	92.59	Shut-In(1)
60	971.58	92.91	End Shut-In(1)
61	23.07	92.72	Open To Flow (2)
66	23.16	92.80	Shut-In(2)
99	1001.38	93.17	End Shut-In(2)
99	1698.18	93.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	OS100M (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 Company, LLC.

26-3s-22w Norton, KS

113 W Main
Logan, KS 67646

Esslinger Ranch 2-26

Job Ticket: 46122

DST#: 1

ATTN: Rich Bell

Test Start: 2012.04.21 @ 16:33:00

Tool Information

Drill Pipe:	Length: 3431.00 ft	Diameter: 3.80 inches	Volume: 48.13 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 54000.00 lb
			<u>Total Volume: 48.72 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3539.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	42.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Change Over Sub	1.00			3519.00	
Shut In Tool	5.00			3524.00	
Hydraulic tool	5.00			3529.00	
Packer	5.00			3534.00	21.00 Bottom Of Top Packer
Packer	5.00			3539.00	
Stubb	1.00			3540.00	
Recorder	0.00	8648	Inside	3540.00	
Recorder	0.00	6799	Inside	3540.00	
Perforations	15.00			3555.00	
Bullnose	5.00			3560.00	21.00 Bottom Packers & Anchor
Total Tool Length:	42.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC.

26-3s-22w Norton, KS

113 W Main
Logan, KS 67646

Esslinger Ranch 2-26

Job Ticket: 46122

DST#: 1

ATTN: Rich Bell

Test Start: 2012.04.21 @ 16:33:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.97 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	OS100M (oil spots)	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

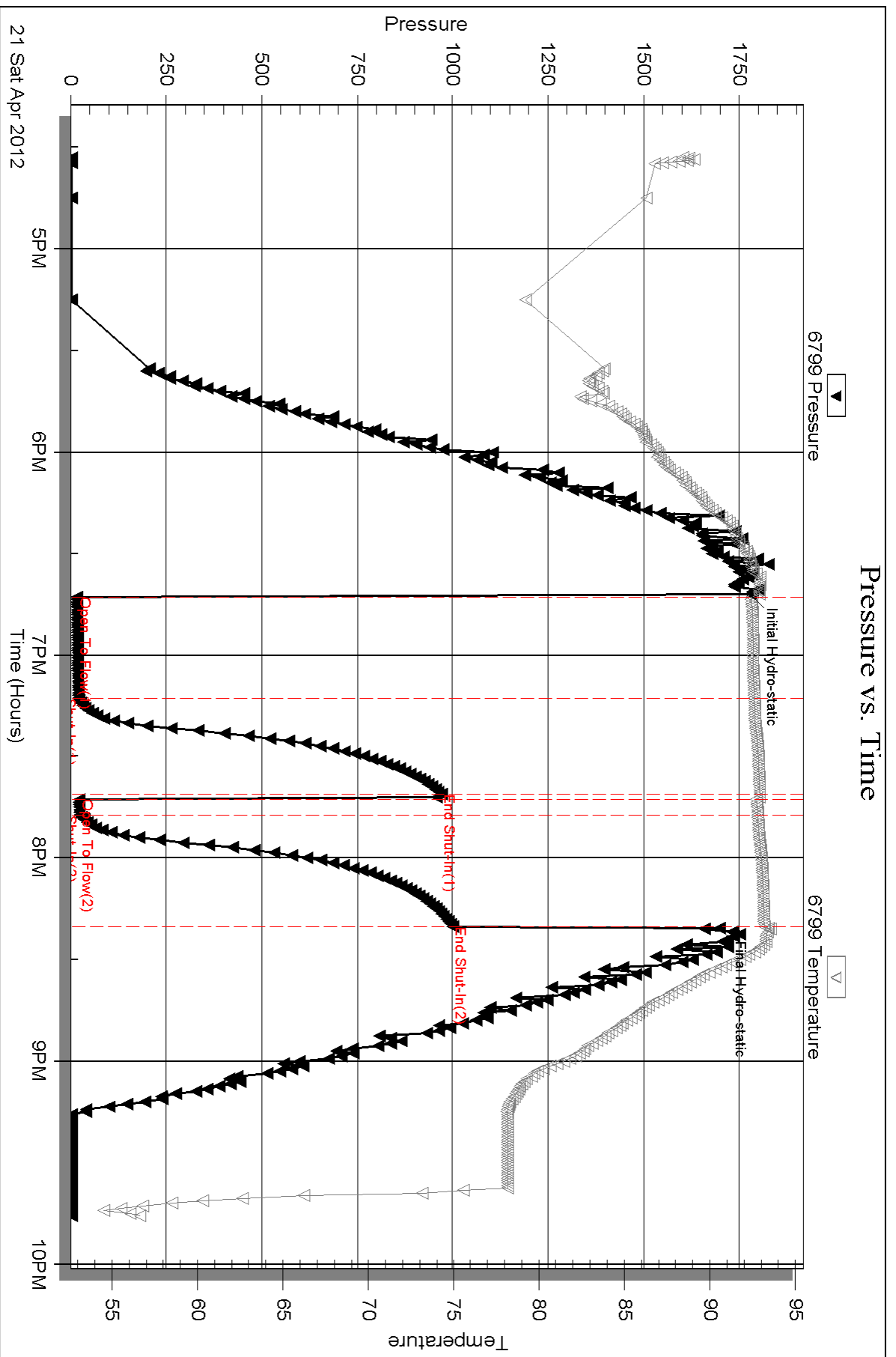
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



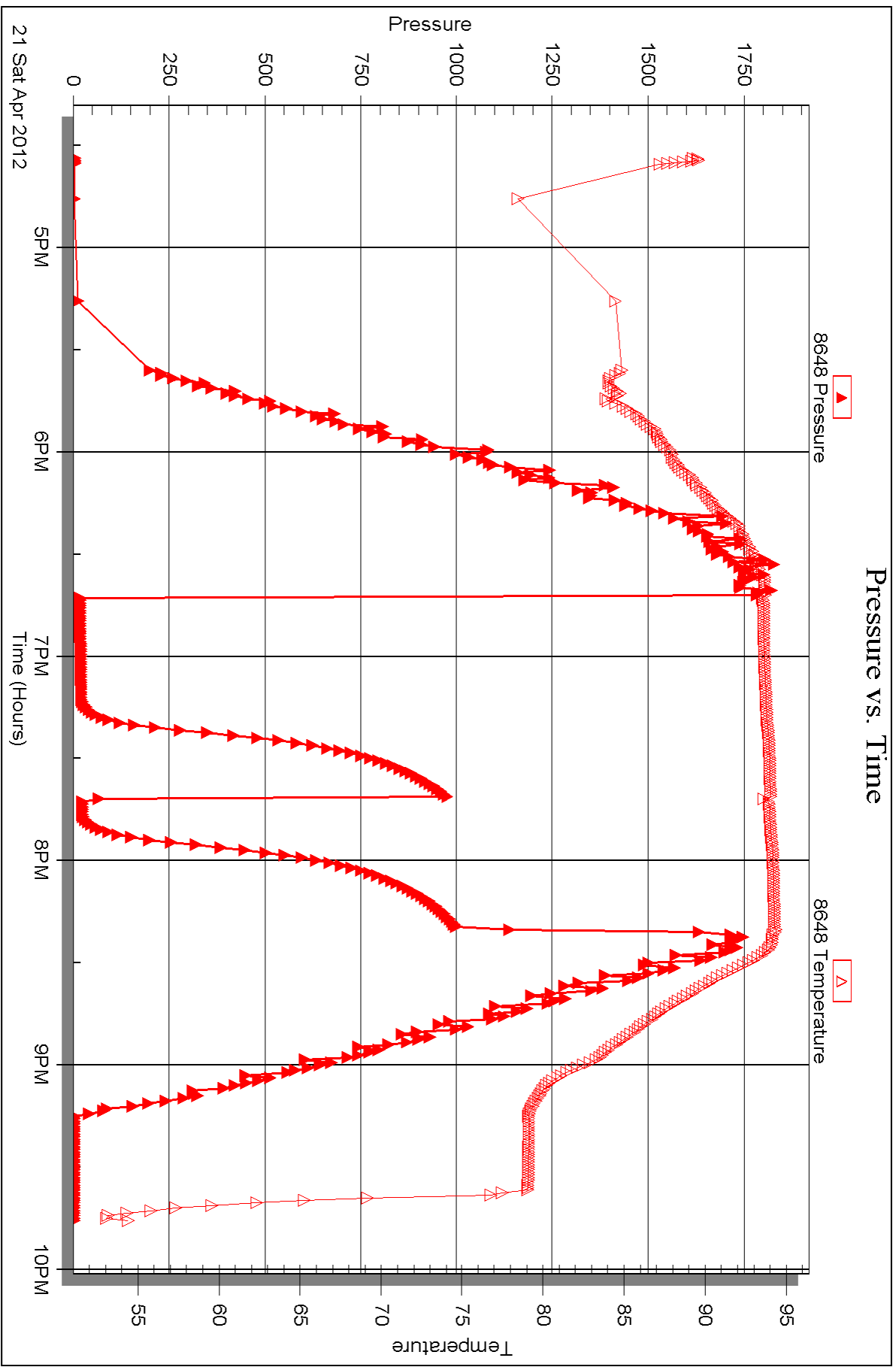
Serial #: 8648

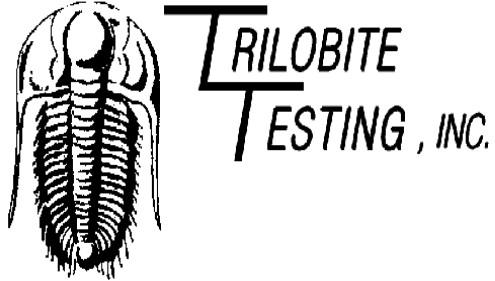
Inside

Baird Oil Company, LLC.

Esslinger Ranch 2-26

DST Test Number: 1





DRILL STEM TEST REPORT

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

113 W Main
Logan, KS 67646

ATTN: Rich Bell

Esslinger Ranch 2-26

26-3s-22w Norton,KS

Start Date: 2012.04.22 @ 05:14:00

End Date: 2012.04.22 @ 09:27:15

Job Ticket #: 46123 DST #: 2

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

Printed: 2012.05.03 @ 10:19:03



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Baird Oil Company, LLC.

26-3s-22w Norton, KS

113 W Main
Logan, KS 67646

Esslinger Ranch 2-26

ATTN: Rich Bell

Job Ticket: 46123

DST#: 2

Test Start: 2012.04.22 @ 05:14:00

GENERAL INFORMATION:

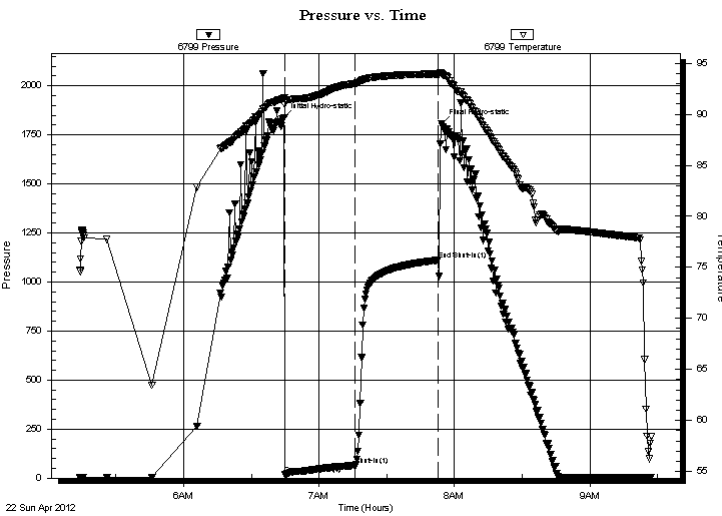
Formation: **LKC "D"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 06:44:45
 Time Test Ended: 09:27:15
 Interval: **3588.00 ft (KB) To 3608.00 ft (KB) (TVD)**
 Total Depth: 3608.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Kevin Mack
 Unit No: 43
 Reference Elevations: 2309.00 ft (KB)
 2304.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6799

Inside

Press @ Run Depth: 64.99 psig @ 3589.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.04.22 End Date: 2012.04.22 Last Calib.: 2012.04.22
 Start Time: 05:14:05 End Time: 09:27:15 Time On Btm: 2012.04.22 @ 06:44:30
 Time Off Btm: 2012.04.22 @ 07:54:15

TEST COMMENT: 30 - IF- Weak Surface blow died at 20 min.
 30 - IS- No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1836.59	91.57	Initial Hydro-static
1	17.74	90.96	Open To Flow (1)
32	64.99	93.01	Shut-In(1)
69	1111.65	93.95	End Shut-In(1)
70	1806.83	93.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Free Oil 100o	0.30
60.00	OSMW	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company, LLC.

26-3s-22w Norton, KS

113 W Main
Logan, KS 67646

Esslinger Ranch 2-26

Job Ticket: 46123

DST#: 2

ATTN: Rich Bell

Test Start: 2012.04.22 @ 05:14:00

Tool Information

Drill Pipe:	Length: 3467.00 ft	Diameter: 3.80 inches	Volume: 48.63 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	55000.00 lb
			<u>Total Volume: 49.22 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	3588.00 ft			Final	50000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	20.00 ft				
Tool Length:	41.00 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			3568.00	
Shut In Tool	5.00			3573.00	
Hydraulic tool	5.00			3578.00	
Packer	5.00			3583.00	21.00 Bottom Of Top Packer
Packer	5.00			3588.00	
Stubb	1.00			3589.00	
Recorder	0.00	8648	Inside	3589.00	
Recorder	0.00	6799	Inside	3589.00	
Perforations	14.00			3603.00	
Bullnose	5.00			3608.00	20.00 Bottom Packers & Anchor
Total Tool Length:	41.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC.

26-3s-22w Norton, KS

113 W Main
Logan, KS 67646

Esslinger Ranch 2-26

Job Ticket: 46123

DST#: 2

ATTN: Rich Bell

Test Start: 2012.04.22 @ 05:14:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

22 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

22000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.97 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Free Oil 100o	0.295
60.00	OSMW	0.295

Total Length: 120.00 ft Total Volume: 0.590 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

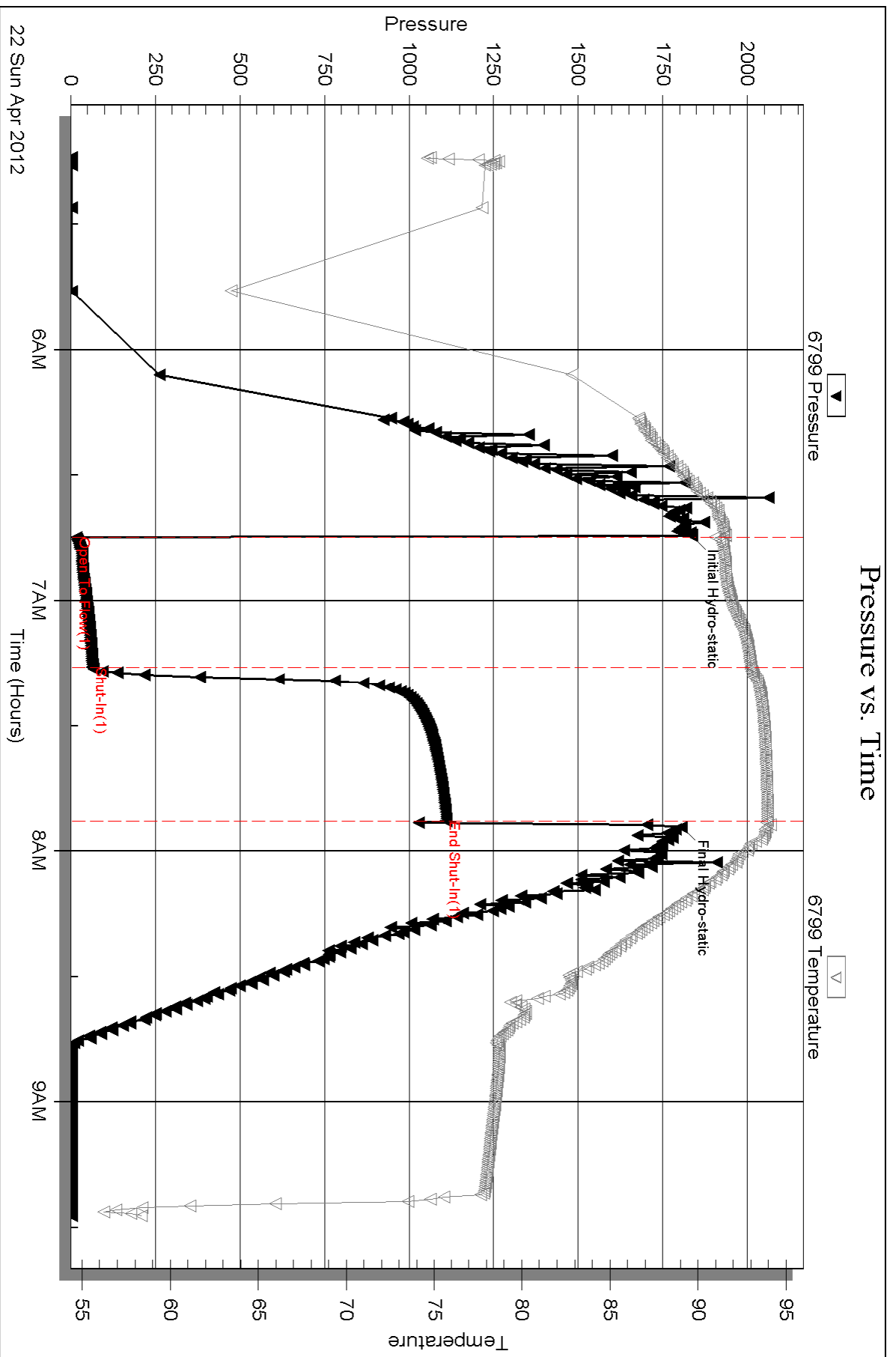
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 23 @ 70 deg = 22

RW .32 @ 67 deg = 22000 ppm



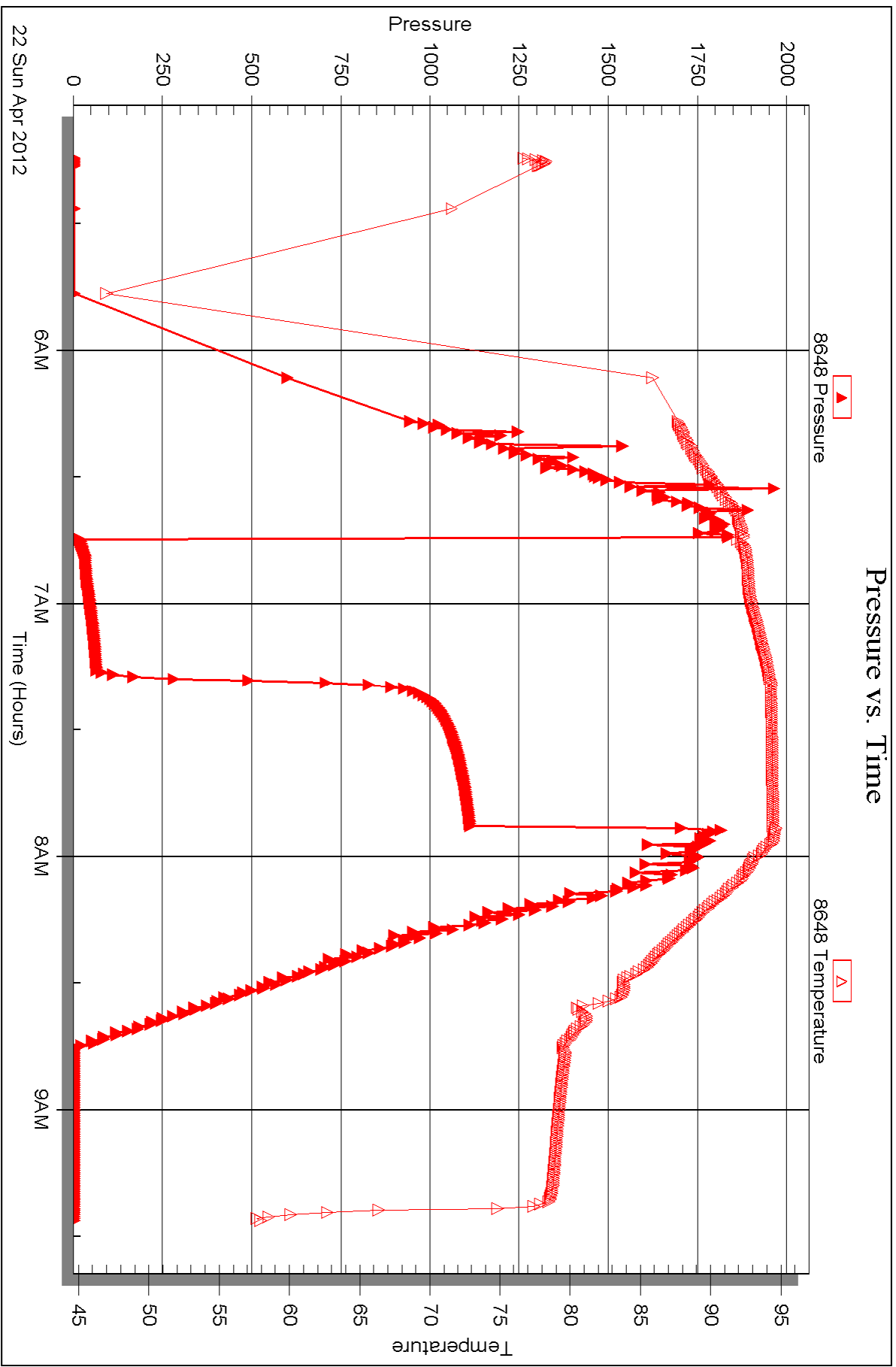
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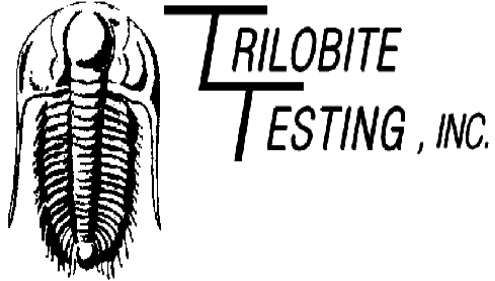
Inside

Baird Oil Company, LLC.

Esslinger Ranch 2-26

DST Test Number: 2





DRILL STEM TEST REPORT

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

113 W Main
Logan, KS 67646

ATTN: Rich Bell

Esslinger Ranch 2-26

26-3s-22w Norton,KS

Start Date: 2012.04.22 @ 10:08:00

End Date: 2012.04.22 @ 16:13:15

Job Ticket #: 46124 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.05.03 @ 10:18:21



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Baird Oil Company, LLC.

26-3s-22w Norton, KS

113 W Main
Logan, KS 67646

Esslinger Ranch 2-26

ATTN: Rich Bell

Job Ticket: 46124

DST#: 3

Test Start: 2012.04.22 @ 10:08:00

GENERAL INFORMATION:

Formation: **LKC "D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:21:30

Time Test Ended: 16:13:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 43

Interval: 3588.00 ft (KB) To 3608.00 ft (KB) (TVD)

Reference Elevations: 2309.00 ft (KB)

Total Depth: 3608.00 ft (KB) (TVD)

2304.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8648

Inside

Press @ Run Depth: 93.05 psig @ 3589.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.22

End Date:

2012.04.22

Last Calib.:

2012.04.22

Start Time: 10:08:05

End Time:

16:13:14

Time On Btm:

2012.04.22 @ 11:21:15

Time Off Btm:

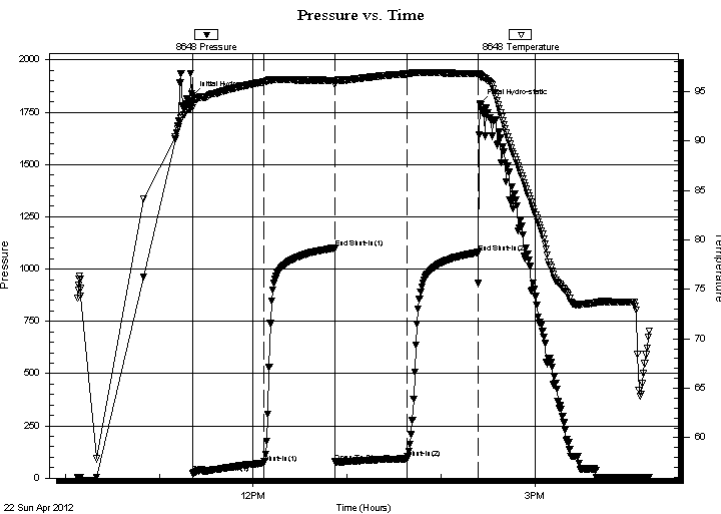
2012.04.22 @ 14:25:00

TEST COMMENT: 45 - IF- Surface Blow built to 7 1/2"

45 - IS- No Return

45 - FF- Surface Blow built to 6"

45 - FS- No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1831.24	94.05	Initial Hydro-static
1	21.65	93.37	Open To Flow (1)
46	71.69	95.98	Shut-In(1)
91	1099.34	96.13	End Shut-In(1)
91	77.55	95.71	Open To Flow (2)
137	93.05	96.78	Shut-In(2)
183	1079.52	96.79	End Shut-In(2)
184	1792.12	96.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OSMW 20M80 W (oil spots)	0.30
60.00	OSMW 30M 70W (oil spots)	0.30
60.00	Free oil 100o	0.84

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company, LLC.

26-3s-22w Norton, KS

113 W Main
Logan, KS 67646

Esslinger Ranch 2-26

Job Ticket: 46124

DST#: 3

ATTN: Rich Bell

Test Start: 2012.04.22 @ 10:08:00

Tool Information

Drill Pipe:	Length: 3467.00 ft	Diameter: 3.80 inches	Volume: 48.63 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 49.22 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3588.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	41.00 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			3568.00	
Shut In Tool	5.00			3573.00	
Hydraulic tool	5.00			3578.00	
Packer	5.00			3583.00	21.00 Bottom Of Top Packer
Packer	5.00			3588.00	
Stubb	1.00			3589.00	
Recorder	0.00	8648	Inside	3589.00	
Recorder	0.00	6799	Inside	3589.00	
Perforations	14.00			3603.00	
Bullnose	5.00			3608.00	20.00 Bottom Packers & Anchor
Total Tool Length:	41.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC.

26-3s-22w Norton, KS

113 W Main
Logan, KS 67646

Esslinger Ranch 2-26

Job Ticket: 46124

DST#: 3

ATTN: Rich Bell

Test Start: 2012.04.22 @ 10:08:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

22 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

22000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.97 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	OSMW 20M 80 W (oil spots)	0.295
60.00	OSMW 30M 70W (oil spots)	0.295
60.00	Free oil 100o	0.842

Total Length: 180.00 ft Total Volume: 1.432 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API 23 @ 70 deg= 22

RW .32 @ 67 deg. = 22000ppm

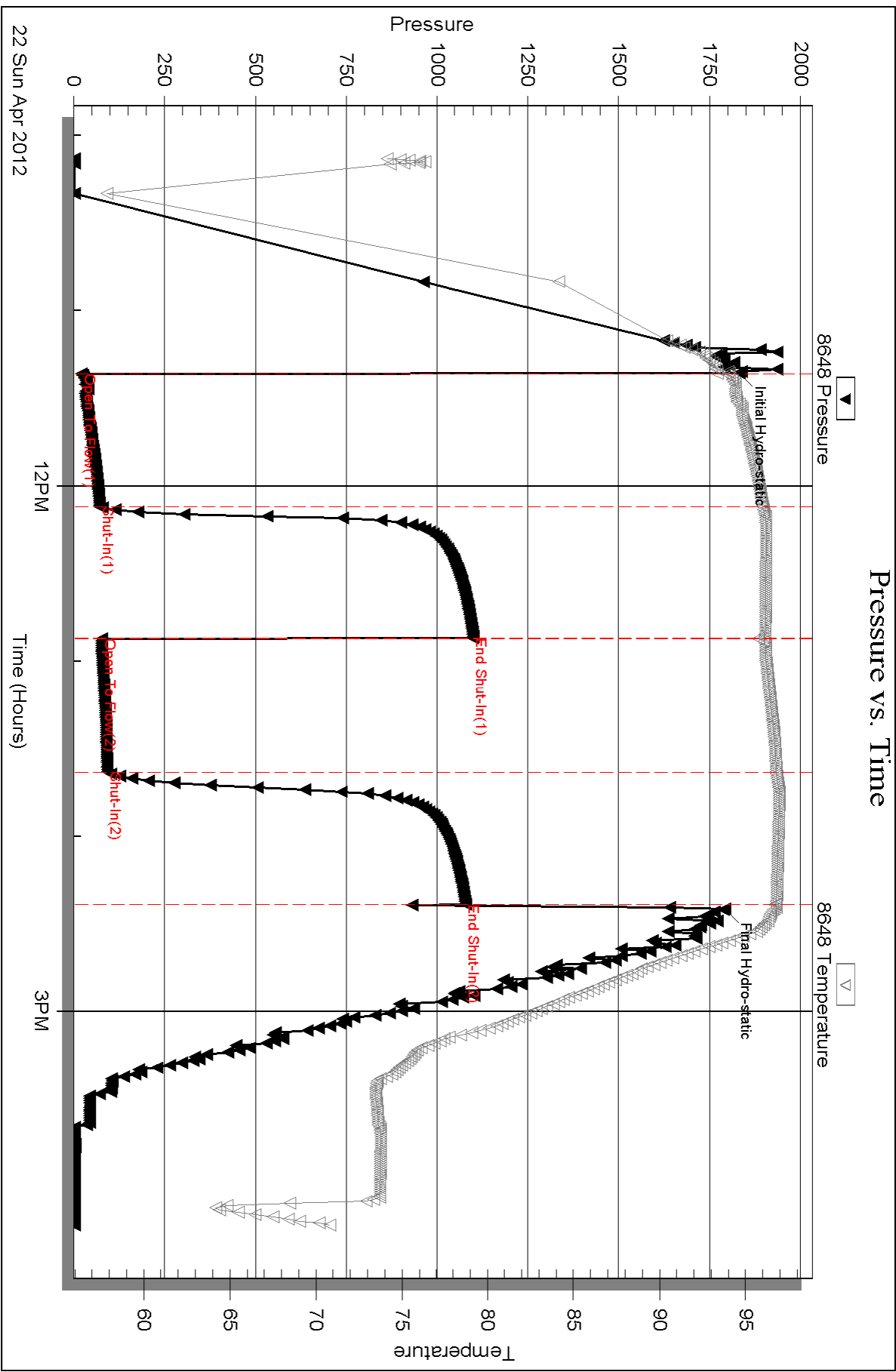
Serial #: 8648

Inside

Baird Oil Company, LLC.

Esslinger Ranch 2-26

DST Test Number: 3



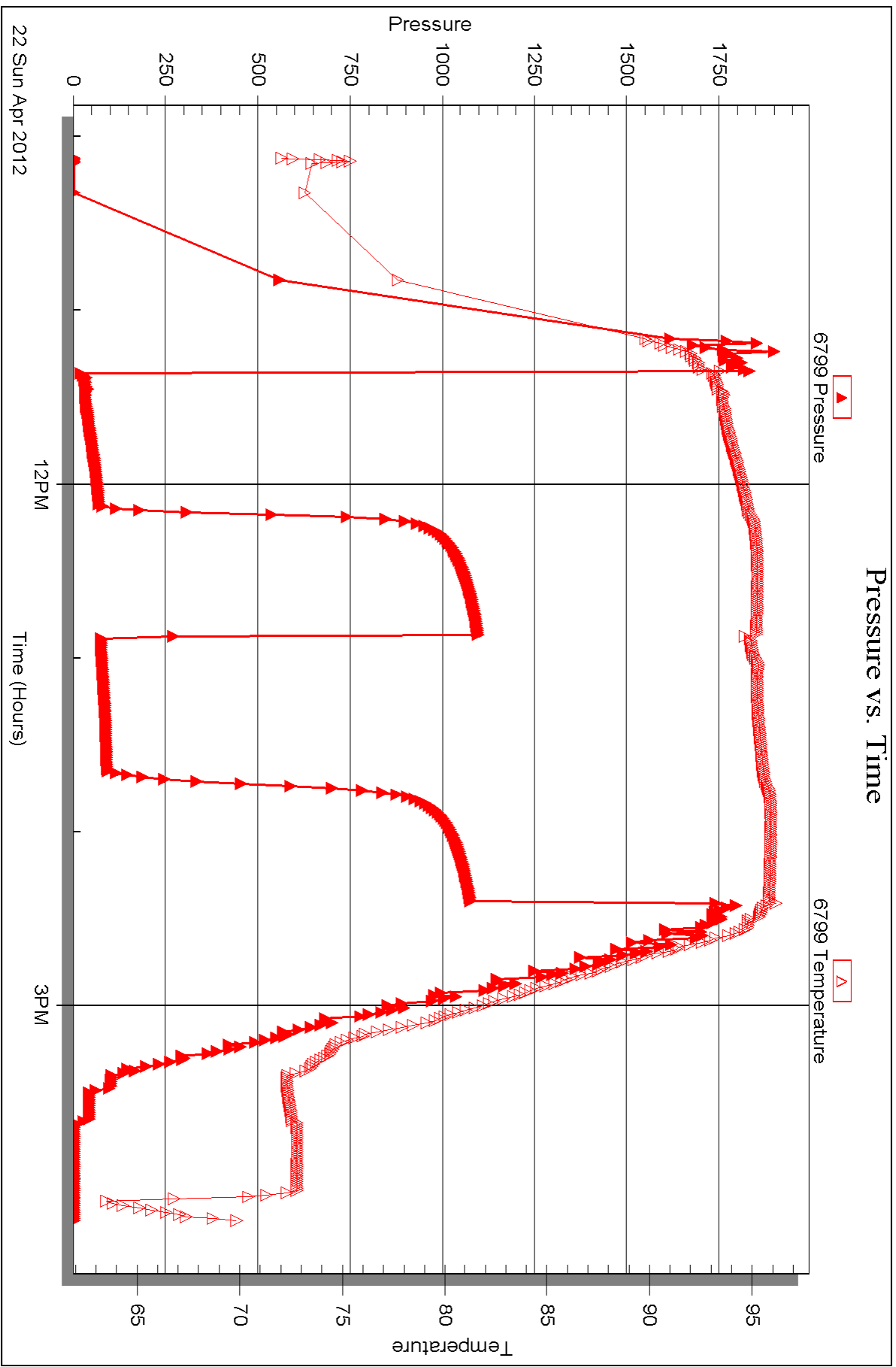
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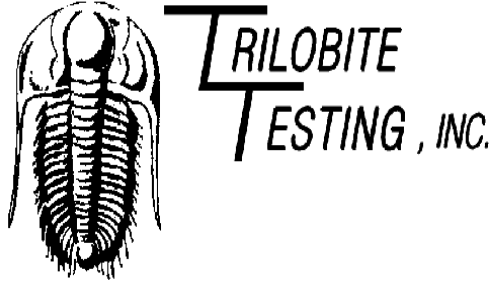
Inside

Baird Oil Company, LLC.

Esslinger Ranch 2-26

DST Test Number: 3





DRILL STEM TEST REPORT

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

113 W Main
Logan, KS 67646

ATTN: Rich Bell

Esslinger Ranch 2-26

26-3s-22w Norton,KS

Start Date: 2012.04.22 @ 22:21:00

End Date: 2012.04.23 @ 03:16:15

Job Ticket #: 46125 DST #: 4

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

Printed: 2012.05.03 @ 10:17:15



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Baird Oil Company, LLC.

26-3s-22w Norton, KS

113 W Main
Logan, KS 67646

Esslinger Ranch 2-26

ATTN: Rich Bell

Job Ticket: 46125

DST#: 4

Test Start: 2012.04.22 @ 22:21:00

GENERAL INFORMATION:

Formation: **LKC "EF"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:57:15

Time Test Ended: 03:16:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 43

Interval: 3604.00 ft (KB) To 3628.00 ft (KB) (TVD)

Reference Elevations: 2309.00 ft (KB)

Total Depth: 3628.00 ft (KB) (TVD)

2304.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8648

Inside

Press @ Run Depth: 35.10 psig @ 3605.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.22

End Date:

2012.04.23

Last Calib.:

2012.04.23

Start Time: 22:21:05

End Time:

03:16:14

Time On Btm:

2012.04.22 @ 23:57:00

Time Off Btm:

2012.04.23 @ 01:44:45

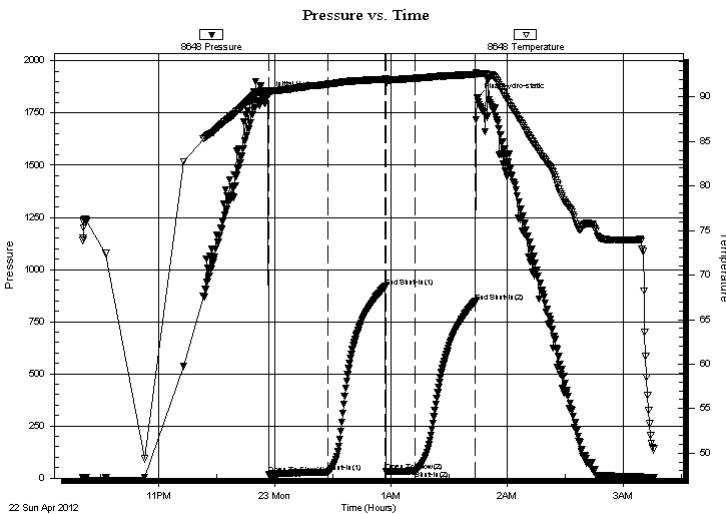
TEST COMMENT: 30 - IF- Surface Blow built to 1 1/8"

30 - IS- No Return

15 - FF- No Blow

30 - FS- No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1835.73	90.77	Initial Hydro-static
1	18.53	90.25	Open To Flow (1)
31	28.93	91.44	Shut-In(1)
61	919.10	92.01	End Shut-In(1)
61	32.26	91.57	Open To Flow (2)
76	35.10	92.11	Shut-In(2)
107	847.07	92.54	End Shut-In(2)
108	1822.36	92.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	osm 100M (oil spots)	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company, LLC.

26-3s-22w Norton, KS

113 W Main
Logan, KS 67646

Esslinger Ranch 2-26

Job Ticket: 46125

DST#: 4

ATTN: Rich Bell

Test Start: 2012.04.22 @ 22:21:00

Tool Information

Drill Pipe:	Length: 3496.00 ft	Diameter: 3.80 inches	Volume: 49.04 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 57000.00 lb
			<u>Total Volume: 49.63 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3604.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	45.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3584.00	
Shut In Tool	5.00			3589.00	
Hydraulic tool	5.00			3594.00	
Packer	5.00			3599.00	21.00 Bottom Of Top Packer
Packer	5.00			3604.00	
Stubb	1.00			3605.00	
Recorder	0.00	8648	Inside	3605.00	
Recorder	0.00	6799	Inside	3605.00	
Perforations	18.00			3623.00	
Bullnose	5.00			3628.00	24.00 Bottom Packers & Anchor
Total Tool Length:	45.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC.

26-3s-22w Norton, KS

113 W Main
Logan, KS 67646

Esslinger Ranch 2-26

Job Ticket: 46125

DST#: 4

ATTN: Rich Bell

Test Start: 2012.04.22 @ 22:21:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	osm 100M (oil spots)	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

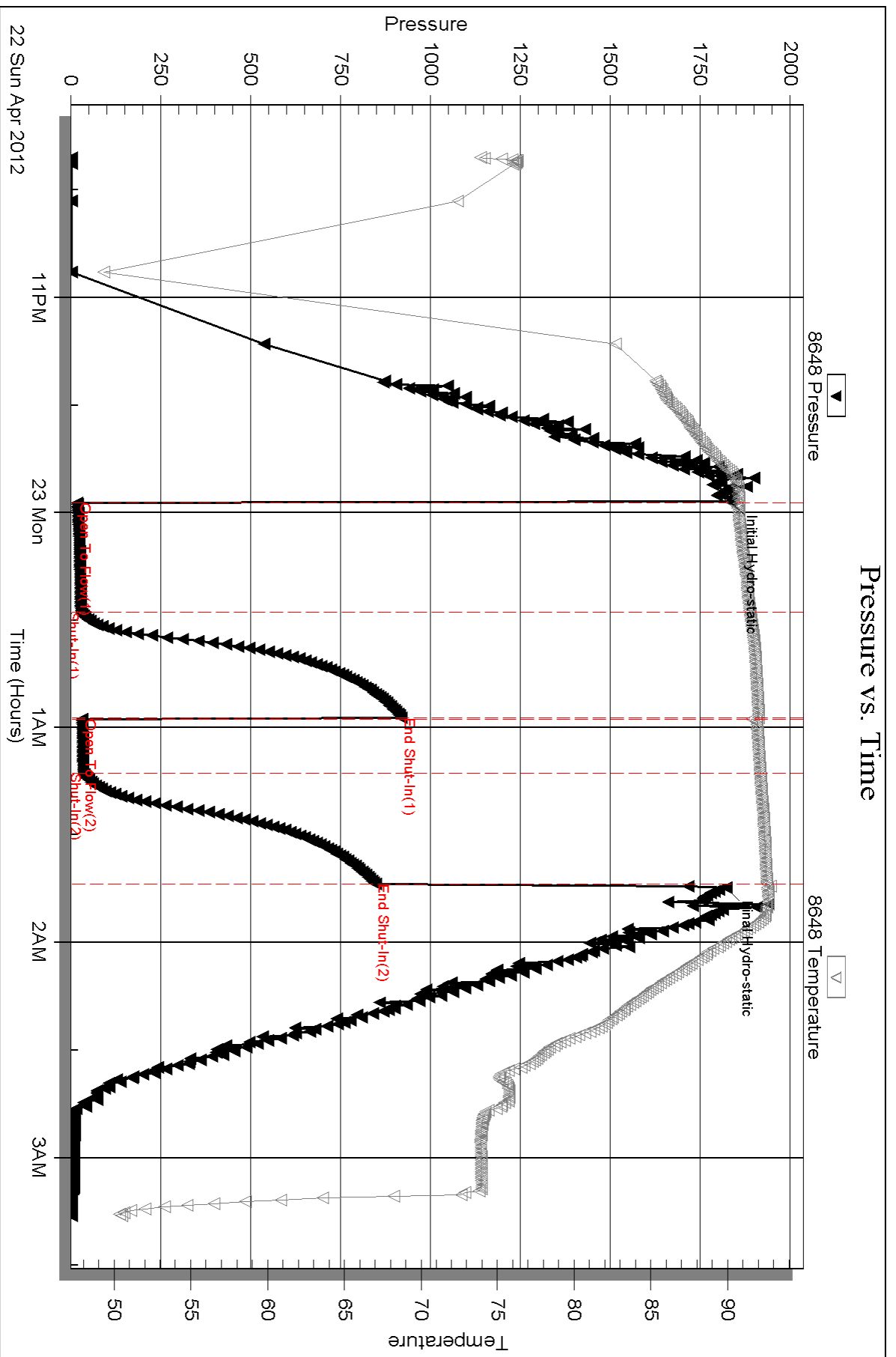
Serial #: 8648

Inside

Baird Oil Company, LLC.

Esslinger Ranch 2-26

DST Test Number: 4



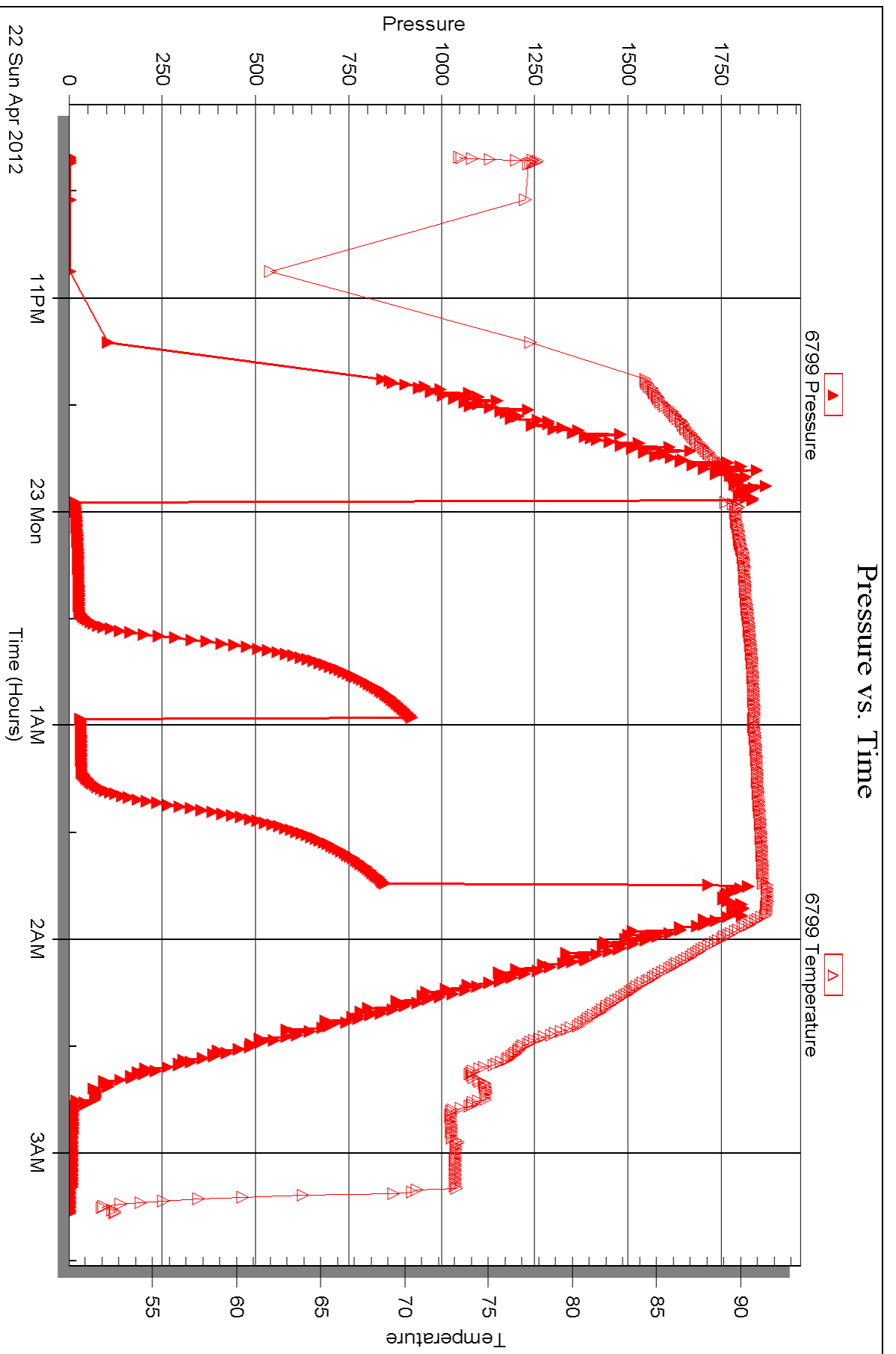
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Inside

Baird Oil Company, LLC.

Esslinger Ranch 2-26

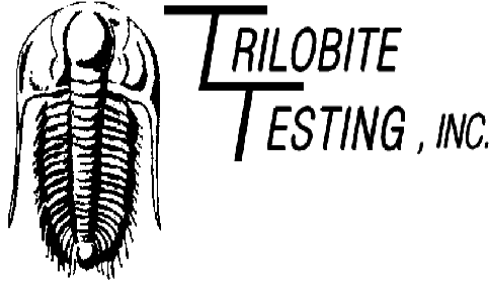
DST Test Number: 4



Triobite Testing, Inc

Ref. No: 46125

Printed: 2012.05.03 @ 10:17:17



DRILL STEM TEST REPORT

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

113 W Main
Logan, KS 67646

ATTN: Rich Bell

Esslinger Ranch 2-26

26-3s-22w Norton,KS

Start Date: 2012.04.23 @ 12:44:00

End Date: 2012.04.23 @ 19:42:45

Job Ticket #: 42484 DST #: 5

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

Printed: 2012.05.03 @ 10:16:21



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Baird Oil Company, LLC.

26-3s-22w Norton, KS

113 W Main
Logan, KS 67646

Esslinger Ranch 2-26

ATTN: Rich Bell

Job Ticket: 42484

DST#: 5

Test Start: 2012.04.23 @ 12:44:00

GENERAL INFORMATION:

Formation: **LKC "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:35:00

Time Test Ended: 19:42:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 43

Interval: 3674.00 ft (KB) To 3705.00 ft (KB) (TVD)

Total Depth: 3705.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2309.00 ft (KB)

2304.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6799 Inside

Press @ Run Depth: 80.88 psig @ 3675.00 ft (KB)

Start Date: 2012.04.23

End Date: 2012.04.23

Start Time: 12:44:05

End Time: 19:42:44

Capacity: 8000.00 psig

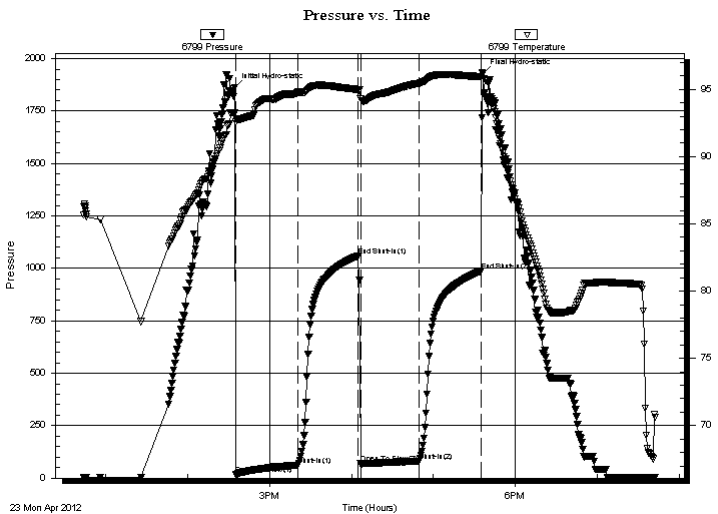
Last Calib.: 2012.04.23

Time On Btm: 2012.04.23 @ 14:34:15

Time Off Btm: 2012.04.23 @ 17:36:30

TEST COMMENT: 45 - IF- Surface Blow built to 8"
45 - IS- Weak surface return started at 5 min. Died at 20 min.
45 - FF- Surface Blow built to 7"
45 - FS- Weak surface return started at 2 min. Died at 40 min.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1861.81	93.25	Initial Hydro-static
1	17.53	92.58	Open To Flow (1)
47	61.89	94.79	Shut-In(1)
91	1059.54	94.99	End Shut-In(1)
93	68.51	94.33	Open To Flow (2)
135	80.88	95.45	Shut-In(2)
181	988.31	95.94	End Shut-In(2)
183	1929.87	96.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCM 80M 20o	0.15
216.00	Free Oil 100o	2.21

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company, LLC.

26-3s-22w Norton, KS

113 W Main
Logan, KS 67646

Esslinger Ranch 2-26

Job Ticket: 42484

DST#: 5

ATTN: Rich Bell

Test Start: 2012.04.23 @ 12:44:00

Tool Information

Drill Pipe:	Length: 3559.00 ft	Diameter: 3.80 inches	Volume: 49.92 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 58000.00 lb
			<u>Total Volume: 50.51 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3674.00 ft			Final 52000.00 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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3654.00	
Shut In Tool	5.00			3659.00	
Hydraulic tool	5.00			3664.00	
Packer	5.00			3669.00	21.00 Bottom Of Top Packer
Packer	5.00			3674.00	
Stubb	1.00			3675.00	
Recorder	0.00	8648	Inside	3675.00	
Recorder	0.00	6799	Inside	3675.00	
Perforations	25.00			3700.00	
Bullnose	5.00			3705.00	31.00 Bottom Packers & Anchor
Total Tool Length:	52.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC.

26-3s-22w Norton, KS

113 W Main
Logan, KS 67646

Esslinger Ranch 2-26

Job Ticket: 42484

DST#: 5

ATTN: Rich Bell

Test Start: 2012.04.23 @ 12:44:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

40 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
30.00	OCM 80M 20o	0.148
216.00	Free Oil 100o	2.210

Total Length: 246.00 ft Total Volume: 2.358 bbl

Num Fluid Samples: 0

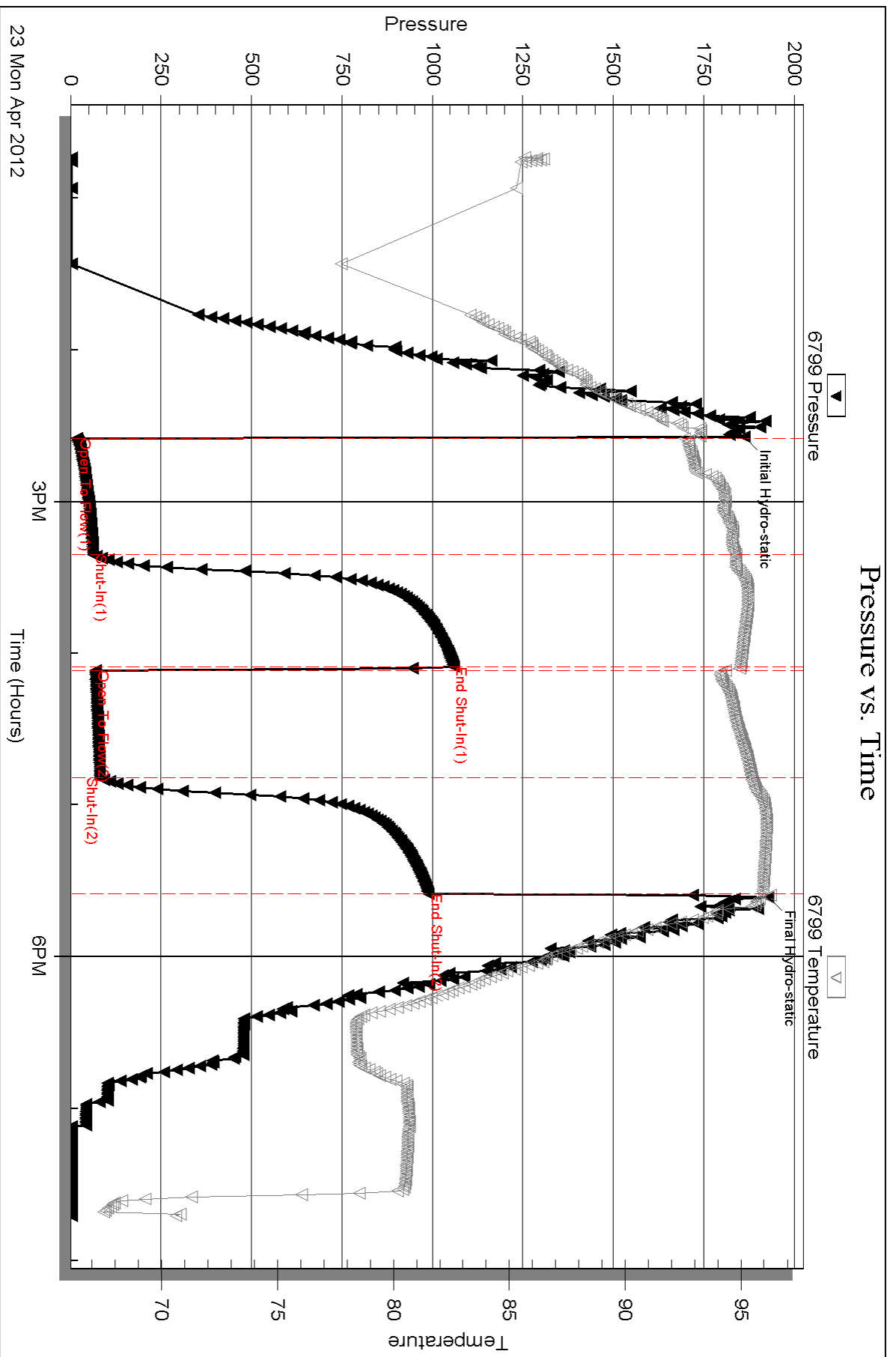
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API 43 @ 90 deg. = 40



23 Mon Apr 2012

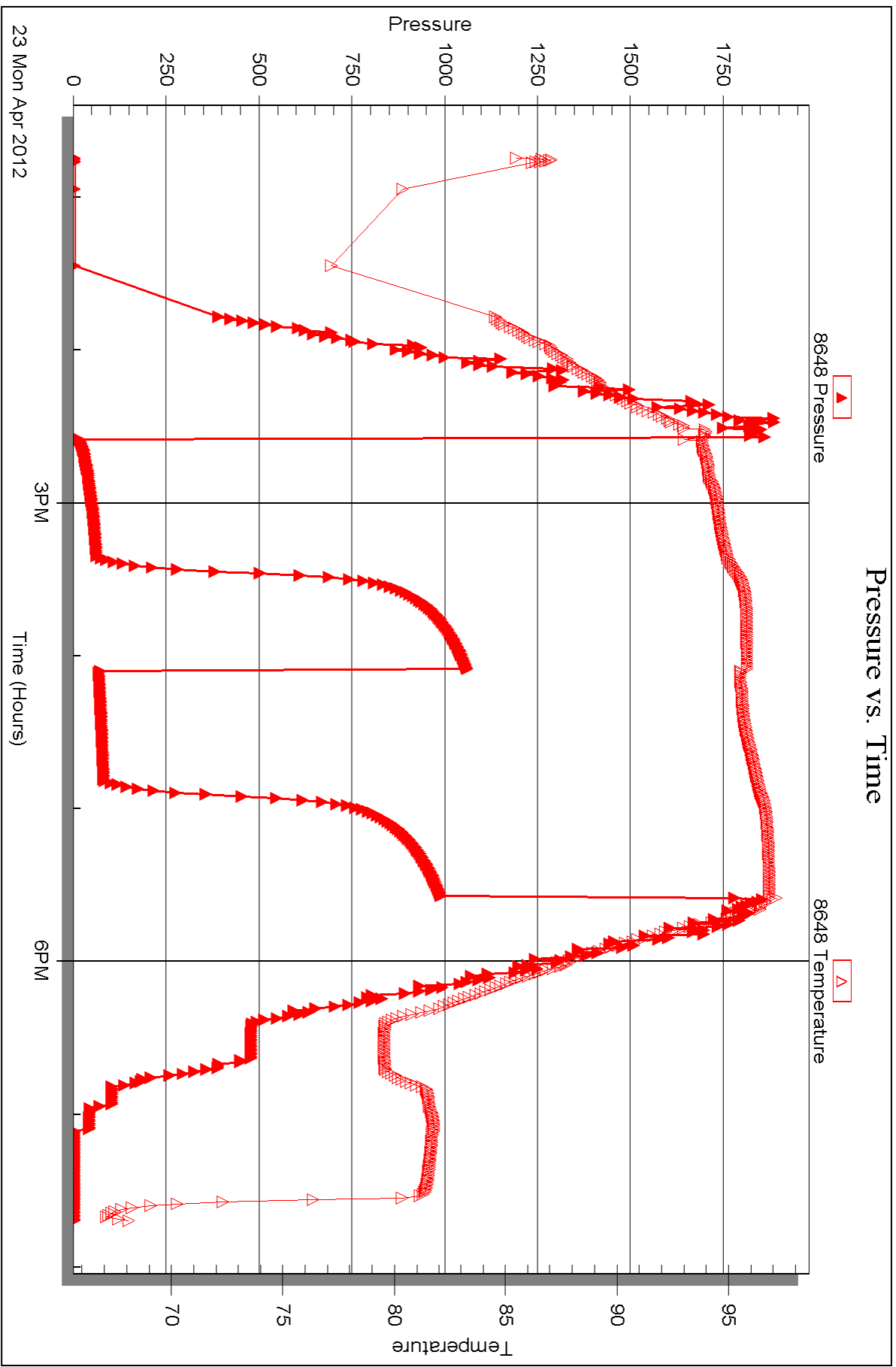
Serial #: 8648

Inside

Baird Oil Company, LLC

Esslinger Ranch 2-26

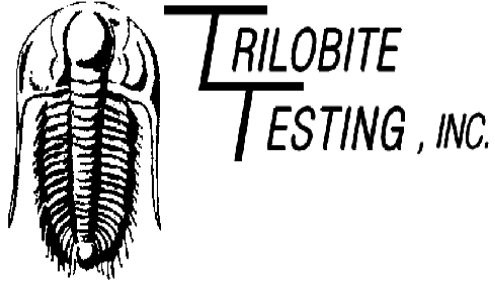
DST Test Number: 5



Triobite Testing, Inc

Ref. No: 42484

Printed: 2012.05.03 @ 10:16:23



DRILL STEM TEST REPORT

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

113 W Main
Logan, KS 67646

ATTN: Rich Bell

Esslinger Ranch 2-26

26-3s-22w Norton,KS

Start Date: 2012.04.24 @ 15:22:00

End Date: 2012.04.24 @ 22:32:45

Job Ticket #: 42485 DST #: 6

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

Printed: 2012.05.03 @ 10:15:21



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Baird Oil Company, LLC.

26-3s-22w Norton, KS

113 W Main
Logan, KS 67646

Esslinger Ranch 2-26

ATTN: Rich Bell

Job Ticket: 42485

DST#: 6

Test Start: 2012.04.24 @ 15:22:00

GENERAL INFORMATION:

Formation: **Marmaton Sd.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:07:45

Time Test Ended: 22:32:45

Test Type: (Initial)

Tester: Kevin Mack

Unit No: 43

Interval: 3794.00 ft (KB) To 3809.00 ft (KB) (TVD)

Reference Elevations: 2309.00 ft (KB)

Total Depth: 3863.00 ft (KB) (TVD)

2304.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6799 Inside

Press @ Run Depth: 67.08 psig @ 3795.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.24

End Date:

2012.04.24

Last Calib.:

2012.04.24

Start Time: 15:22:05

End Time:

22:32:44

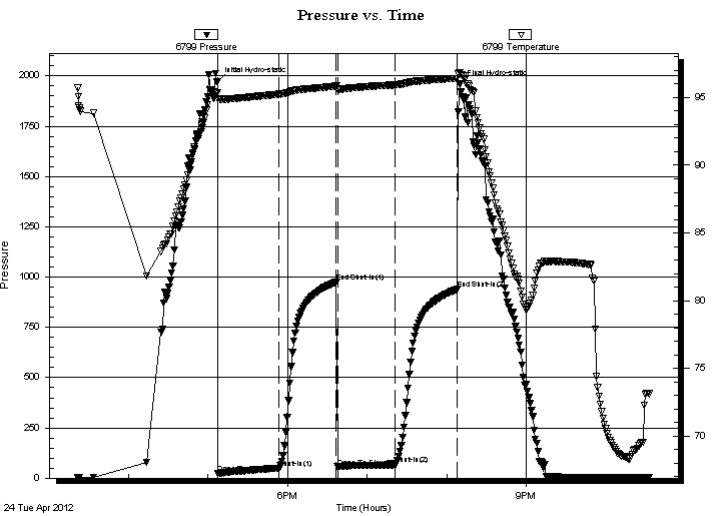
Time On Btm:

2012.04.24 @ 17:07:15

Time Off Btm:

2012.04.24 @ 20:09:45

TEST COMMENT: 45 - IF - Weak Surface blow built to 2 1/4"
45 - IS - No Return
45 - FF - Weak surface blow built to 2 1/2"
45 - FS - No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1972.48	95.36	Initial Hydro-static
1	24.23	94.93	Open To Flow (1)
47	50.12	95.24	Shut-In(1)
90	974.86	95.83	End Shut-In(1)
91	55.63	95.61	Open To Flow (2)
134	67.08	95.93	Shut-In(2)
181	938.94	96.42	End Shut-In(2)
183	1959.90	96.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	OCM 80M 20o	0.25
100.00	Free oil 100o	0.77

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company, LLC.

26-3s-22w Norton, KS

113 W Main
Logan, KS 67646

Esslinger Ranch 2-26

Job Ticket: 42485

DST#: 6

ATTN: Rich Bell

Test Start: 2012.04.24 @ 15:22:00

Tool Information

Drill Pipe:	Length: 3654.00 ft	Diameter: 3.80 inches	Volume: 51.26 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 51.85 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3794.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	3805.00 ft			
Interval between Packers:	11.00 ft			
Tool Length:	97.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

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

Change Over Sub	1.00			3767.00	
Shut In Tool	5.00			3772.00	
Hydraulic tool	5.00			3777.00	
Jars	5.00			3782.00	
Safety Joint	2.00			3784.00	
Packer	5.00			3789.00	28.00 Bottom Of Top Packer
Packer	5.00			3794.00	
Stubb	1.00			3795.00	
Recorder	0.00	8648	Inside	3795.00	
Recorder	0.00	6799	Inside	3795.00	
Perforations	9.00			3804.00	
Blank Off Sub	1.00			3805.00	11.00 Tool Interval
Packer	4.00			3809.00	
Stubb	1.00			3810.00	
Recorder	0.00	8655	Below	3810.00	
Perforations	15.00			3825.00	
Change Over Sub	1.00			3826.00	
Drill Pipe	31.00			3857.00	
Change Over Sub	1.00			3858.00	
Bullnose	5.00			3863.00	58.00 Bottom Packers & Anchor

Total Tool Length: 97.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC.

26-3s-22w Norton, KS

113 W Main
Logan, KS 67646

Esslinger Ranch 2-26

Job Ticket: 42485

DST#: 6

ATTN: Rich Bell

Test Start: 2012.04.24 @ 15:22:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

50 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	OCM 80M 20o	0.246
100.00	Free oil 100o	0.765

Total Length: 150.00 ft Total Volume: 1.011 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API 51 @ 70 deg. = 50

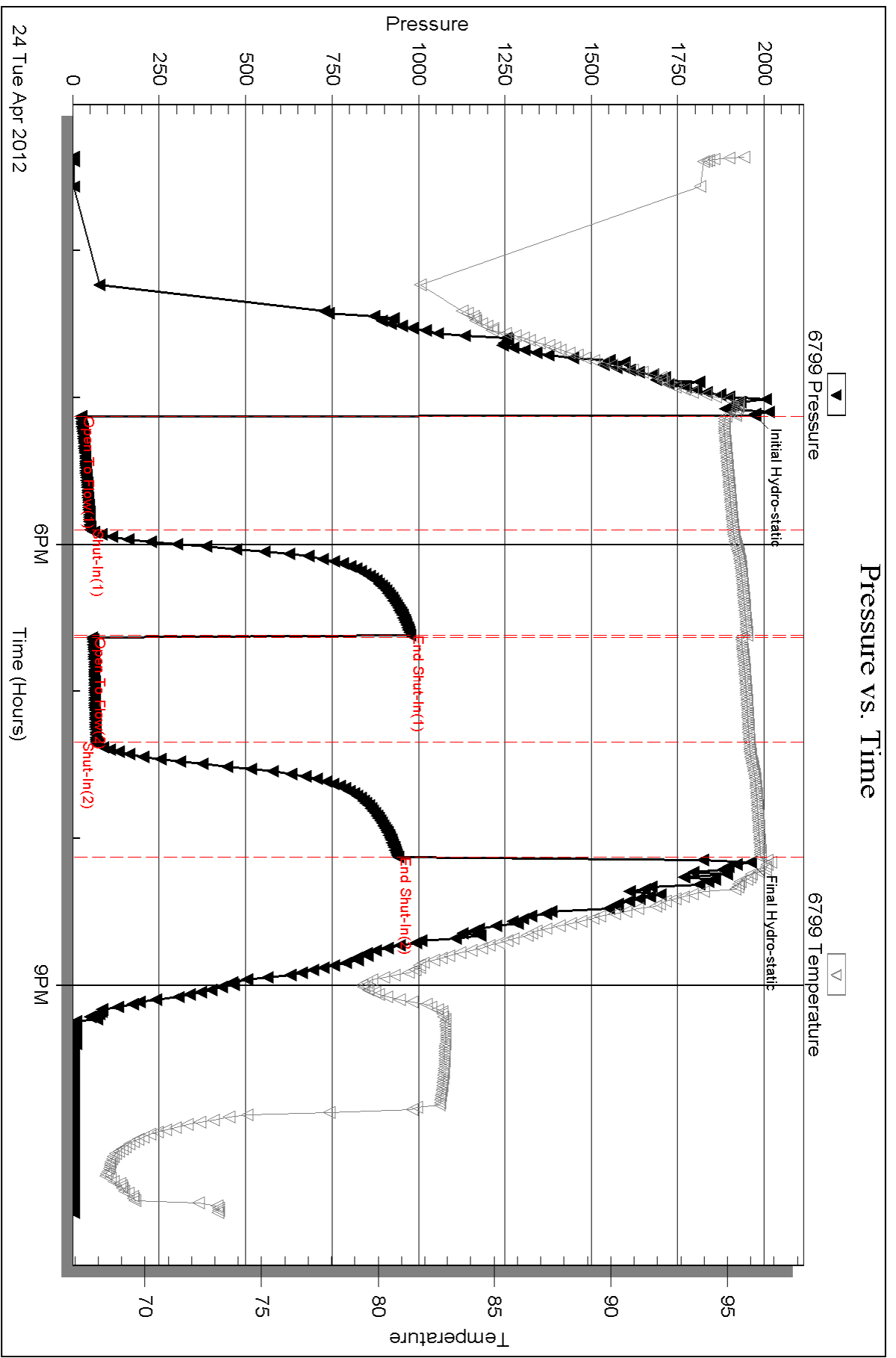
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Inside

Baird Oil Company, LLC

Esslinger Ranch 2-26

DST Test Number: 6



Triobite Testing, Inc

Ref. No: 42485

Printed: 2012.05.03 @ 10:15:23

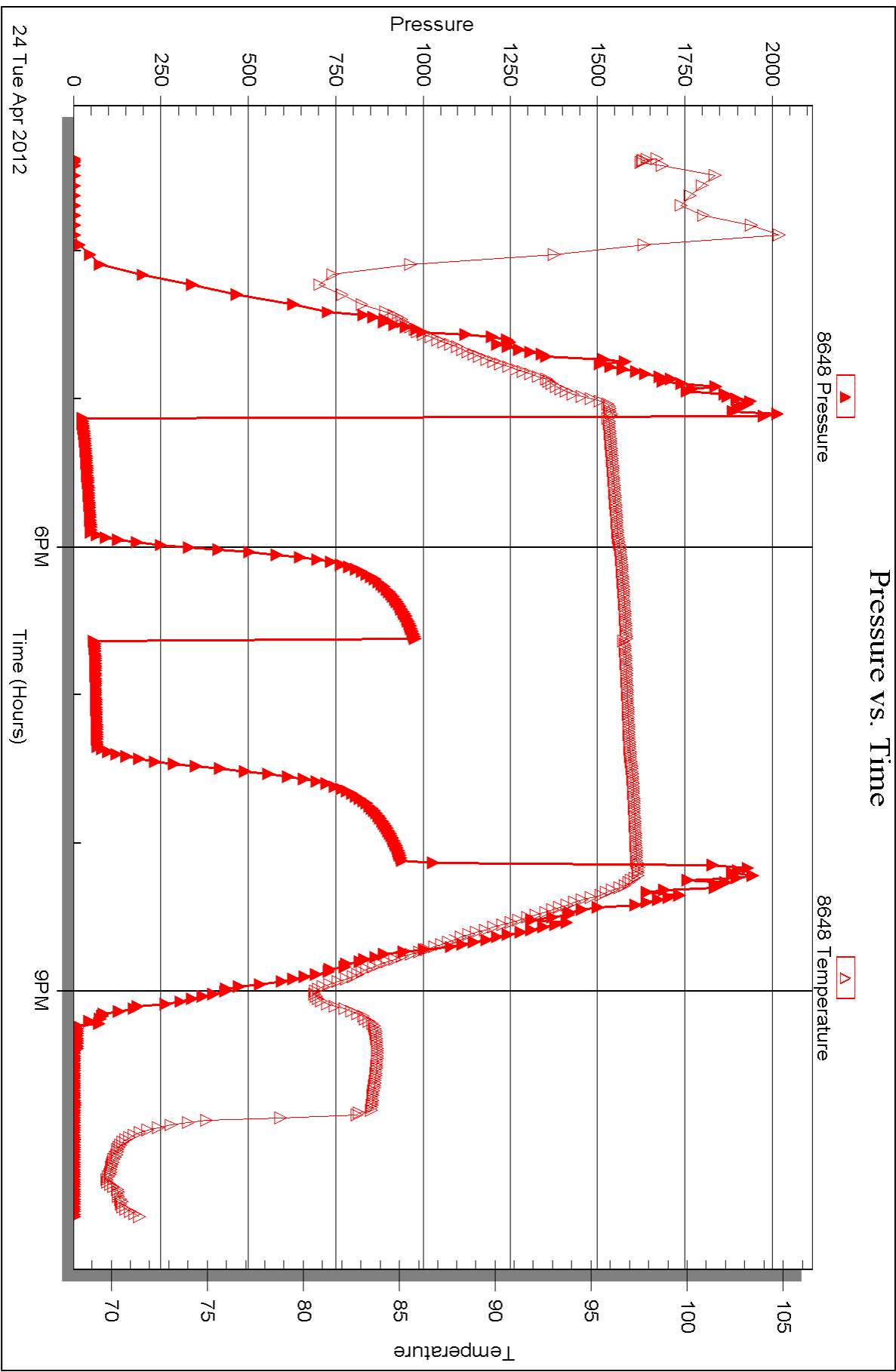
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Inside

Baird Oil Company, LLC.

Esslinger Ranch 2-26

DST Test Number: 6

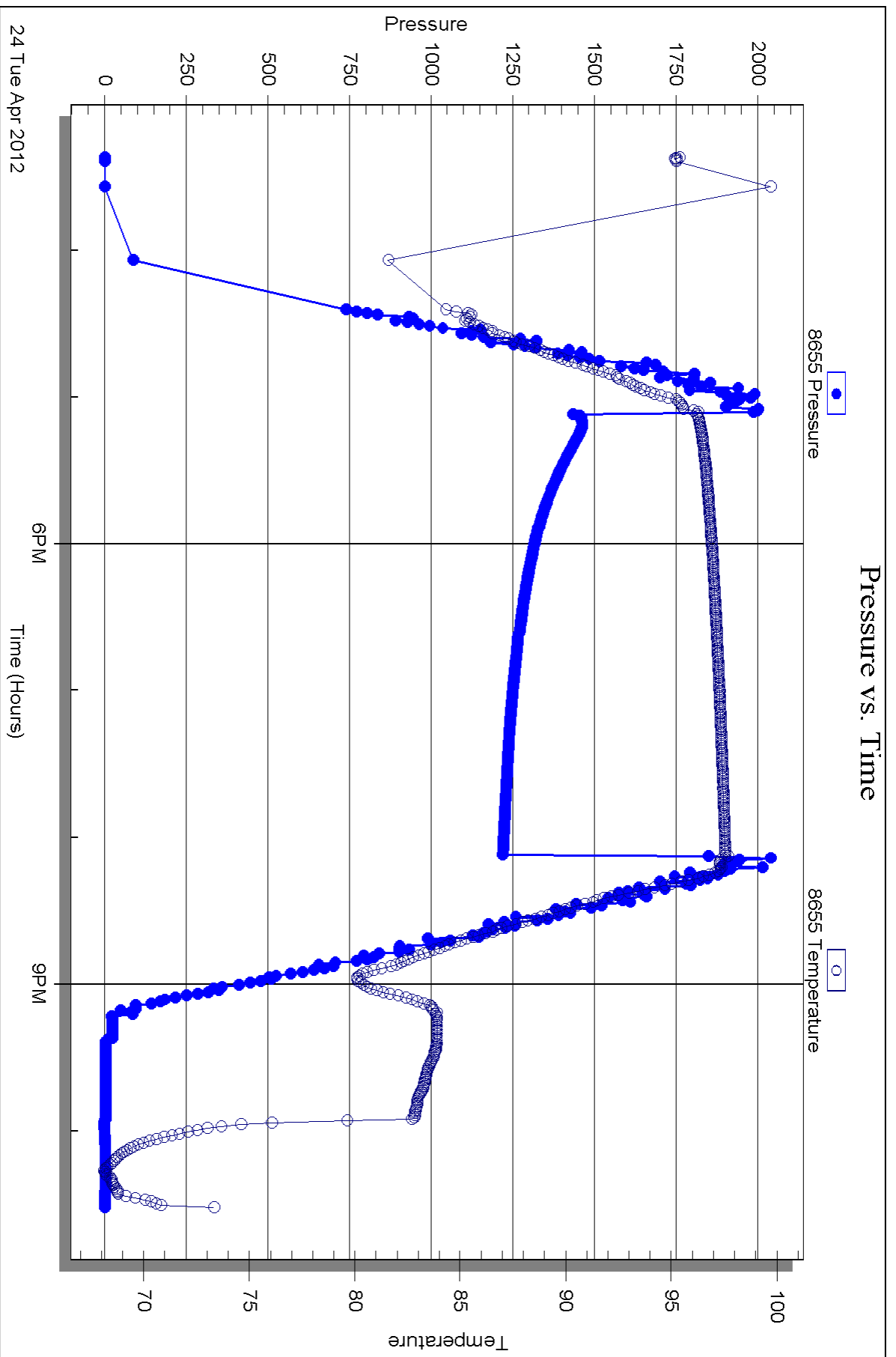


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Esslinger Ranch 2-26

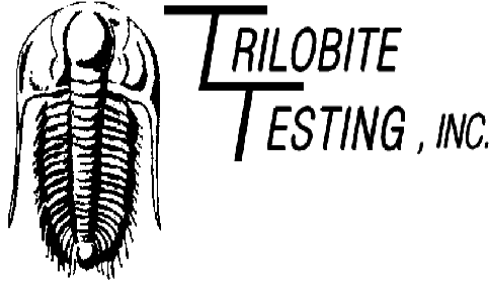
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Triobite Testing, Inc

Ref. No: 42485

Printed: 2012.05.03 @ 10:15:24



DRILL STEM TEST REPORT

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

113 W Main
Logan, KS 67646

ATTN: Rich Bell

Esslinger Ranch 2-26

26-3s-22w Norton,KS

Start Date: 2012.04.25 @ 01:48:00

End Date: 2012.04.25 @ 09:14:00

Job Ticket #: 42486 DST #: 7

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.05.03 @ 10:14:40

Baird Oil Company, LLC.

26-3s-22w Norton,KS

Esslinger Ranch 2-26

DST # 7

Marraton

2012.04.25



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Baird Oil Company, LLC.

26-3s-22w Norton, KS

113 W Main
Logan, KS 67646

Esslinger Ranch 2-26

ATTN: Rich Bell

Job Ticket: 42486

DST#: 7

Test Start: 2012.04.25 @ 01:48:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:59:45

Time Test Ended: 09:14:00

Test Type: Conventional Straddle (Initial)

Tester: Kevin Mack

Unit No: 43

Interval: 3737.00 ft (KB) To 3777.00 ft (KB) (TVD)

Reference Elevations: 2309.00 ft (KB)

Total Depth: 3863.00 ft (KB) (TVD)

2304.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6799 Inside

Press @ Run Depth: 109.03 psig @ 3738.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.25 End Date: 2012.04.25

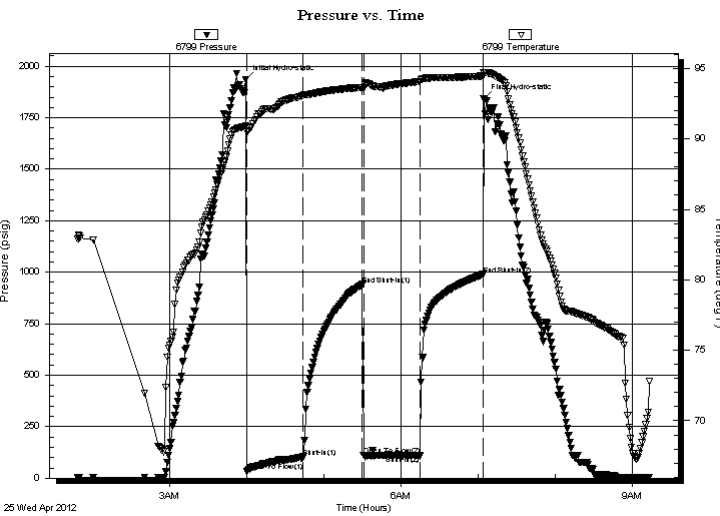
Last Calib.: 2012.04.25

Start Time: 01:48:05 End Time: 09:13:59

Time On Btm: 2012.04.25 @ 03:58:45

Time Off Btm: 2012.04.25 @ 07:04:30

TEST COMMENT: 45 - IF - Surface Blow built to 5 1/4"
45 - IS - No Return
45 - FF - Surface Blow started at 15 min. Built to 1 1/4"
45 - FS - No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1934.19	90.93	Initial Hydro-static
1	33.78	90.48	Open To Flow (1)
45	103.06	93.09	Shut-In(1)
91	939.80	93.67	End Shut-In(1)
92	110.59	93.62	Open To Flow (2)
136	109.03	94.06	Shut-In(2)
185	988.29	94.45	End Shut-In(2)
186	1841.88	94.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OSWM 10W 90M (oil spots)	0.30
90.00	OSM 100M (oil spots) (trace of water)	0.72

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company, LLC.

26-3s-22w Norton, KS

113 W Main
Logan, KS 67646

Esslinger Ranch 2-26

Job Ticket: 42486

DST#: 7

ATTN: Rich Bell

Test Start: 2012.04.25 @ 01:48:00

Tool Information

Drill Pipe:	Length: 3629.00 ft	Diameter: 3.80 inches	Volume: 50.91 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 51.50 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3737.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	3773.00 ft			
Interval between Packers:	36.00 ft			
Tool Length:	147.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

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

Change Over Sub	1.00			3717.00	
Shut In Tool	5.00			3722.00	
Hydraulic tool	5.00			3727.00	
Packer	5.00			3732.00	21.00 Bottom Of Top Packer
Packer	5.00			3737.00	
Stubb	1.00			3738.00	
Recorder	0.00	8648	Inside	3738.00	
Recorder	0.00	6799	Inside	3738.00	
Change Over Sub	1.00			3739.00	
Drill Pipe	31.00			3770.00	
Change Over Sub	1.00			3771.00	
Perforations	1.00			3772.00	
Blank Off Sub	1.00			3773.00	36.00 Tool Interval
Packer	4.00			3777.00	
Stubb	1.00			3778.00	
Recorder	0.00	8655	Below	3778.00	
Perforations	15.00			3793.00	
Change Over Sub	1.00			3794.00	
Drill Pipe	63.00			3857.00	
Change Over Sub	1.00			3858.00	
Bullnose	5.00			3863.00	90.00 Bottom Packers & Anchor

Total Tool Length: 147.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC.

26-3s-22w Norton, KS

113 W Main
Logan, KS 67646

Esslinger Ranch 2-26

Job Ticket: 42486

DST#: 7

ATTN: Rich Bell

Test Start: 2012.04.25 @ 01:48:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length: ft

Water Salinity: ppm

Viscosity: 56.00 sec/qt

Cushion Volume: bbl

Water Loss: 6.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure: psig

Salinity: 2000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	OSWM 10W 90M (oil spots)	0.295
90.00	OSM 100M (oil spots) (trace of water)	0.716

Total Length: 150.00 ft Total Volume: 1.011 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

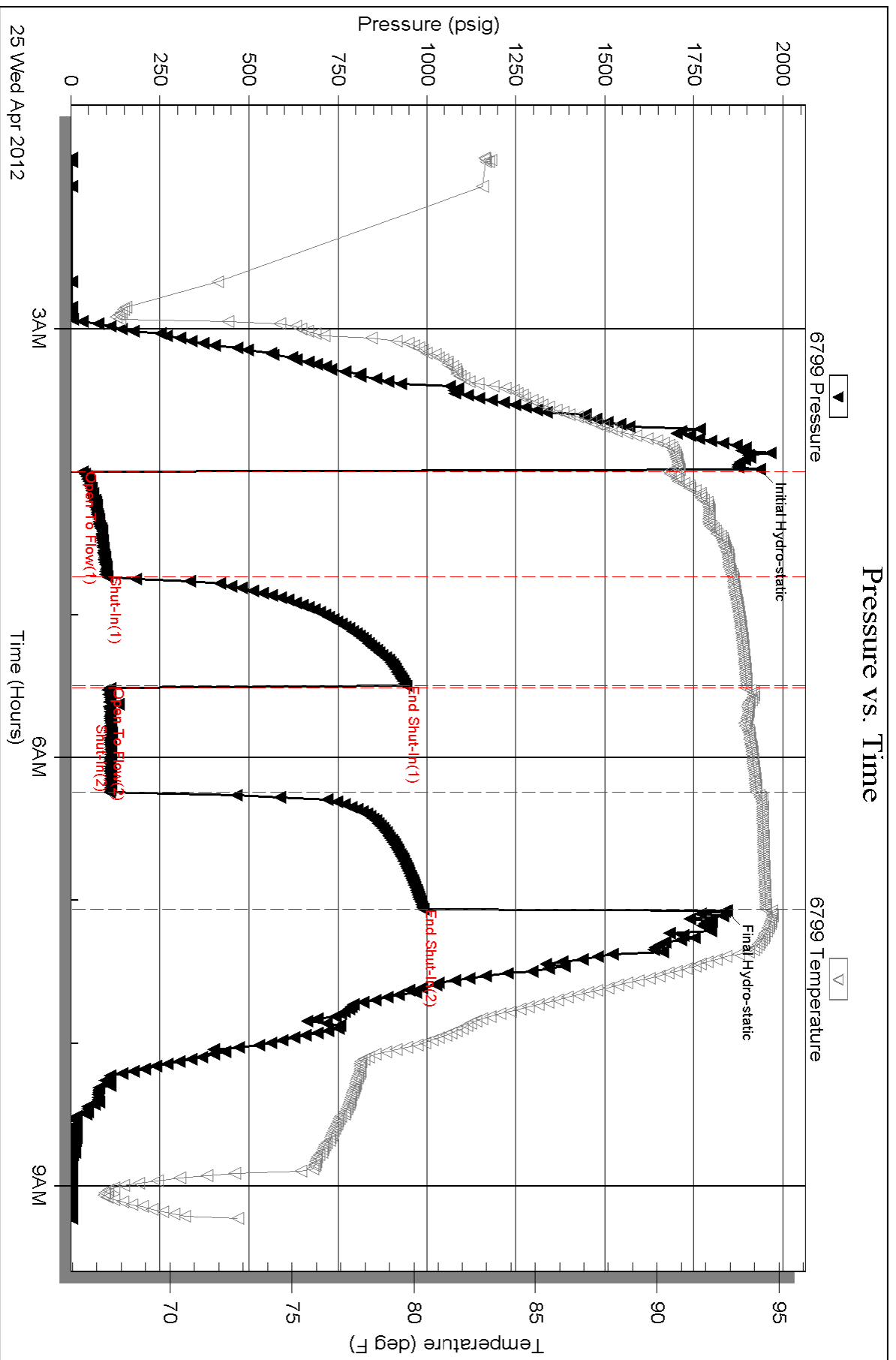
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Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



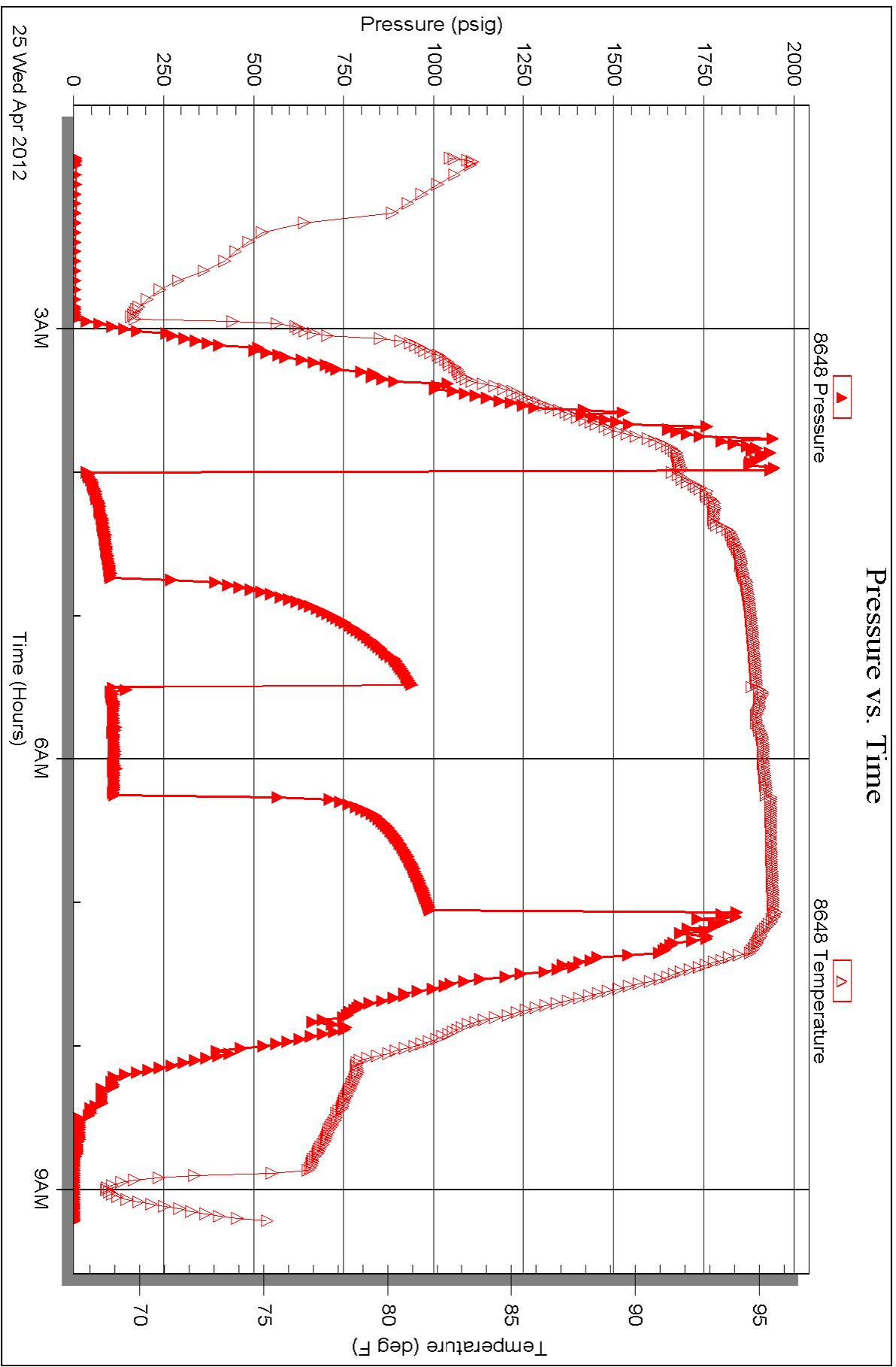
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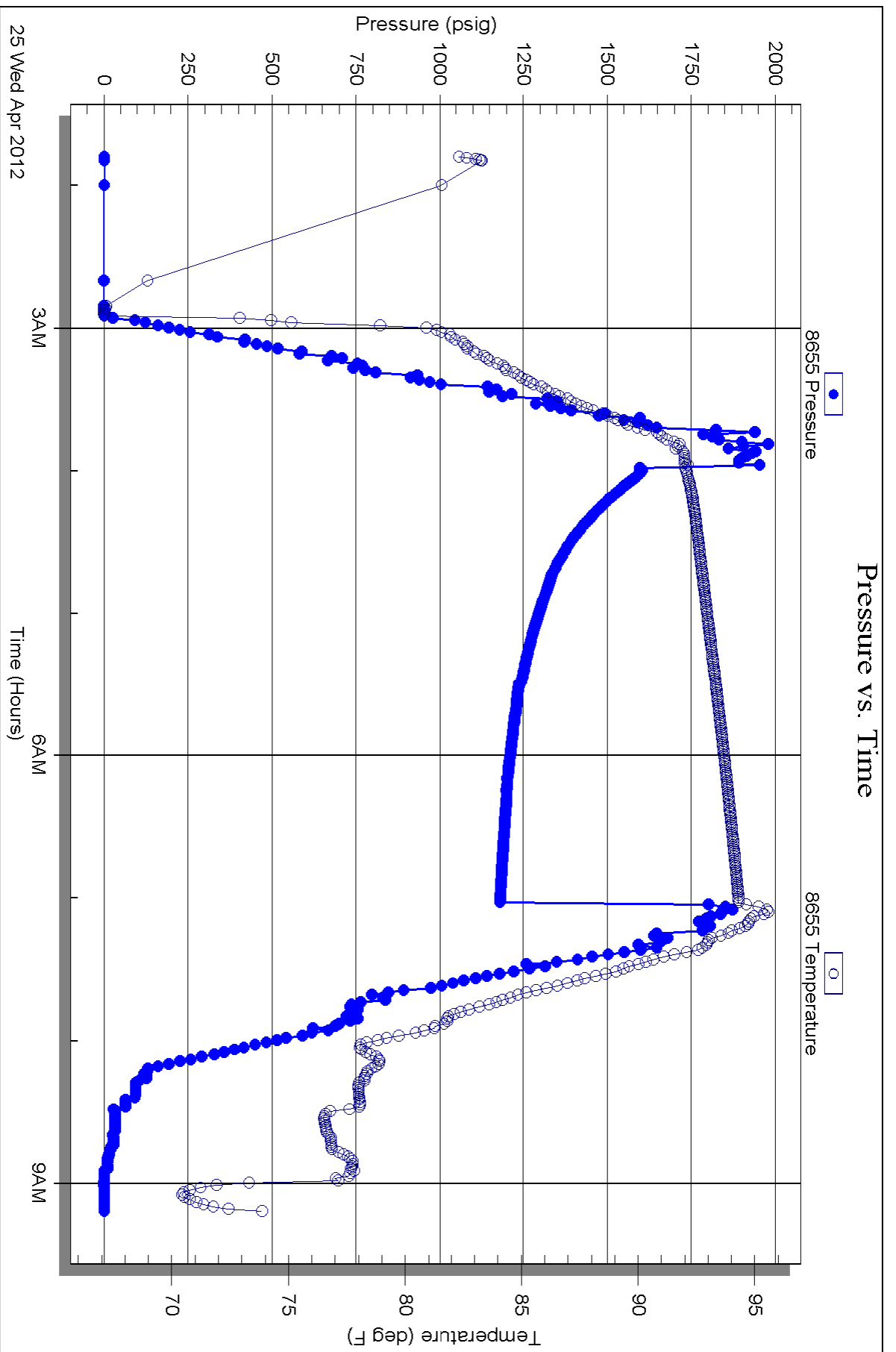
Inside

Baird Oil Company, LLC.

Esslinger Ranch 2-26

DST Test Number: 7







TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
APR 27 2012

Test Ticket

NO. 46122

Well Name & No. Esslinger Ranch, Inc. # 2-26 Test No. 1 Date 4-21-12
 Company Baird Oil Company, LLC. Elevation 2309 KB 2304 GL
 Address 113 W Main Logan, KS 67646
 Co. Rep / Geo. Rich Bell Rig LW #8
 Location: Sec. 26 Twp. 3s Rge. 22w Co. Norton State KS

Interval Tested 3507-3560 3539-3560 Zone Tested LKC "A"
 Anchor Length 53' 21 Drill Pipe Run 3431 Mud Wt. 9.0
 Top Packer Depth 3503-3535 Drill Collars Run 120' Vis 60
 Bottom Packer Depth 3507-3539 Wt. Pipe Run Ø WL 6.0
 Total Depth 3560 3660 Chlorides 1,900 ppm System LCM 1#

Blow Description IF-Weak Surface blow built to 1/8" then died back to weak surface.
IS-NO Return
FF-NO Blow
FS-NO Return

Rec	Feet of	%gas	Spots	%oil	%water	%mud
5	OSM				100	
Rec	Feet of	%gas		%oil	%water	%mud
Rec	Feet of	%gas		%oil	%water	%mud
Rec	Feet of	%gas		%oil	%water	%mud
Rec	Feet of	%gas		%oil	%water	%mud

Rec Total 5 BHT 93 Gravity - API RW - @ - °F Chlorides - ppm
 (A) Initial Hydrostatic 1779 Test 1150' T-On Location 3:50 PM
 (B) First Initial Flow 16 Jars T-Started 4:33 PM
 (C) First Final Flow 19 Safety Joint T-Open 6:42 PM
 (D) Initial Shut-In 971 Circ Sub N/C T-Pulled 8:17 PM
 (E) Second Initial Flow 23 Hourly Standby T-Out 9:45 PM
 (F) Second Final Flow 23 Mileage 100 RT 155' Comments _____
 (G) Final Shut-In 1601 Sampler _____
 (H) Final Hydrostatic 1698 Straddle _____
 Shale Packer _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Copies _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 5
 Final Shut-In 30

Sub Total 1305' Total 1305' MP/DST Disc't _____

Approved By _____ Our Representative

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



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
APR 27 2012

Test Ticket

NO. 46123

BY: _____

Well Name & No. Esslinger Ranch, Inc #2-26 Test No. 2 Date 4-22-12
 Company Baird Oil Company, LLC Elevation 2309 KB 2304 GL
 Address 113 W Main Logan, KS 67646
 Co. Rep / Geo. Rich Bell Rig LW #8
 Location: Sec. 26 Twp. 3s Rge. 22w Co. Norton State Ks


Interval Tested 3588 - 3608 Zone Tested LKC "D"
 Anchor Length 20' Drill Pipe Run 3467 Mud Wt. 9.0
 Top Packer Depth 3584 Drill Collars Run 120 Vis 60
 Bottom Packer Depth 3688 Wt. Pipe Run Ø WL 6.0
 Total Depth 3608 Chlorides 1900 ppm System LCM 1#

Blow Description IF - Weak surface blow died at 20 min.
IS - no return
FF - -
FS - -

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>Free oil</u>	<u>100</u>			
<u>60</u>	<u>OSMW</u>	<u>SPOTS</u>	<u>70</u>	<u>30</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 120 BHT 93 Gravity 2.2 API RW 32 @ 67 °F Chlorides 22,000 ppm
 (A) Initial Hydrostatic 1836 Test 1150 T-On Location 4:33 AM
 (B) First Initial Flow 17 Jars T-Started 5:14 AM
 (C) First Final Flow 64 Safety Joint T-Open 6:45 AM
 (D) Initial Shut-In 111 Circ Sub N/C T-Pulled 7:45 AM
 (E) Second Initial Flow - Hourly Standby T-Out 9:27 AM
 (F) Second Final Flow - Mileage 100 RT 155 Comments _____
 (G) Final Shut-In - Sampler _____
 (H) Final Hydrostatic 1806 Straddle _____

Initial Open 30 Shale Packer _____
 Initial Shut-In 30 Ruined Packer _____
 Final Flow - Extra Packer _____
 Final Shut-In - Extra Recorder _____
 Sub Total Ø Day Standby _____
 Total 1305 Accessibility _____
 Sub Total 1305 MP/DST Disc't _____

Approved By _____ Our Representative 

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
APR 27 2012

Test Ticket

NO. 46124

BY: _____

Well Name & No. Esslinger Ranch, Inc. #2-26 Test No. 3 Date 4-22-12
 Company Baird Oil Company, Inc. Elevation 2309 KB 2304 GL
 Address 113 W Main Logan, KS 67646
 Co. Rep / Geo. Rich Bell Rig WW #8
 Location: Sec. 26 Twp. 3s Rge. 22w Co. Norton State KS

Interval Tested 3588-3608 Zone Tested LKC "D"
 Anchor Length 20' Drill Pipe Run 3467 Mud Wt. 9.0
 Top Packer Depth 3584 Drill Collars Run 120 Vis 60
 Bottom Packer Depth 3588 Wt. Pipe Run Ø WL 6.0
 Total Depth 3668 Chlorides 1,900 ppm System LCM 1#
 Blow Description IF- Surface Blow built to 7 1/2"
IS- No Return
FF- Surface Blow built to 6"
FS- No Return

Rec	Feet of	%gas	%oil	%water	%mud
60	Free oil	100			
60	OSMW	spots	70	30	
60	OSMW	spots	80	20	

Rec Total 180 BHT 93 Gravity 22 API RW 32 @ 67 °F Chlorides 22,000 ppm
 (A) Initial Hydrostatic 1831 Test 1100 T-On Location 4:33 AM
 (B) First Initial Flow 21 Jars T-Started 10:08 AM
 (C) First Final Flow 21 Safety Joint T-Open 11:22 AM
 (D) Initial Shut-In 1099 Circ Sub N/C T-Pulled 2:22 PM
 (E) Second Initial Flow 27 Hourly Standby 2 3/4 275 T-Out 4:15 PM
 (F) Second Final Flow 93 Mileage N/C
 (G) Final Shut-In 1079 Sampler
 (H) Final Hydrostatic 1792 Straddle
 Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility
 Sub Total 1425
 Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45
 Sub Total 1425
 Comments _____
 Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total Ø
 Total 1425
 MP/DST Disc't _____

Approved By _____ Our Representative

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
APR 27 2012

Test Ticket

NO. 46125

BY:

Well Name & No. Esslinger Ranch, Inc. #2-26 Test No. 4 Date 4-22-12
 Company Baird Oil Company, LLC. Elevation 2309 KB 2304 GL
 Address 113 W Main Logan, KS 67646
 Co. Rep / Geo. Rich Bell Rig LW #8
 Location: Sec. 26 Twp. 3s Rge. 22w Co. Norton State KS

Interval Tested 3604-3628 Zone Tested LKC "E/F"
 Anchor Length 24' Drill Pipe Run 3496 Mud Wt. 9.2
 Top Packer Depth 3600 Drill Collars Run 120 Vis 60
 Bottom Packer Depth 3604 Wt. Pipe Run Ø WL 6.0
 Total Depth 3628 Chlorides 2000 ppm System LCM 1#

Blow Description IF - Surface Blow built to 1 1/8"
IS - NO Return
FF - NO Blow
FS - NO Return

Rec	Feet of	%gas	Spots	%oil	%water	%mud
<u>15</u>	<u>OSM</u>				<u>100</u>	
Rec	Feet of	%gas		%oil	%water	%mud
Rec	Feet of	%gas		%oil	%water	%mud
Rec	Feet of	%gas		%oil	%water	%mud
Rec	Feet of	%gas		%oil	%water	%mud

Rec Total 15 BHT 93 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 1835 Test 1160 T-On Location 10:00 PM
 (B) First Initial Flow 18 Jars T-Started 10:21 PM
 (C) First Final Flow 28 Safety Joint T-Open 11:58 PM
 (D) Initial Shut-In 919 Circ Sub N/C T-Pulled 1:43 AM
 (E) Second Initial Flow 32 Hourly Standby T-Out 3:18 AM
 (F) Second Final Flow 35 Mileage 100 RT 165 Comments _____
 (G) Final Shut-In 847 Sampler _____
 (H) Final Hydrostatic 1822 Straddle _____

Initial Open 30 Shale Packer _____
 Initial Shut-In 30 Ruined Packer _____
 Final Flow 15 Extra Packer _____
 Final Shut-In 36 Extra Recorder _____
 Sub Total Ø
 Total 1305
 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
APR 27 2012

Test Ticket

NO. 042484

Well Name & No. Esslinger Ranch, Inc. #2-2c Test No. 5 Date 4-23-12
 Company Beind Oil Company, LLC. Elevation 2309 KB 2304 GL
 Address 113 W Main Logan, KS 67646
 Co. Rep / Geo. Rich Bell Rig GW#18
 Location: Sec. 26 Twp. 3s Rge. 22w Co. Norton State KS

Interval Tested 3674-3705 Zone Tested LKC "J"
 Anchor Length 31' Drill Pipe Run 3559 Mud Wt. 9.2
 Top Packer Depth 3670 Drill Collars Run 120 Vis 60
 Bottom Packer Depth 3674 Wt. Pipe Run Ø WL 6.0
 Total Depth 3705 Chlorides 2,000 ppm System LCM 1#

Blow Description IF - Surface Blow built to 8"
IS - Weak surface return started at 5 min. ~~Blow~~ Died at 20 min.
FF - Surface Blow built to 7"
FS - Weak surface return started at 2 min. Died at 40 min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>216</u>	<u>Free Oil</u>	<u>100</u>			
<u>30</u>	<u>OCM</u>	<u>20</u>		<u>80</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 276 BHT 96 Gravity 40 API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic	<u>186</u>	<input checked="" type="checkbox"/> Test	<u>1150</u>	T-On Location	<u>12:20 PM</u>
(B) First Initial Flow	<u>17</u>	<input type="checkbox"/> Jars		T-Started	<u>12:44 PM</u>
(C) First Final Flow	<u>61</u>	<input type="checkbox"/> Safety Joint		T-Open	<u>2:35 PM</u>
(D) Initial Shut-In	<u>1059</u>	<input checked="" type="checkbox"/> Circ Sub	<u>N/C</u>	T-Pulled	<u>5:35 PM</u>
(E) Second Initial Flow	<u>68</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>7:43 PM</u>
(F) Second Final Flow	<u>70</u>	<input checked="" type="checkbox"/> Mileage	<u>100 RT 155</u>	Comments	
(G) Final Shut-In	<u>988</u>	<input type="checkbox"/> Sampler		<input type="checkbox"/> Ruined Shale Packer	
(H) Final Hydrostatic	<u>1929</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Packer	
Initial Open	<u>45</u>	<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Extra Copies	
Initial Shut-In	<u>45</u>	<input type="checkbox"/> Extra Packer		Sub Total	<u>Ø</u>
Final Flow	<u>45</u>	<input type="checkbox"/> Extra Recorder		Total	<u>1305</u>
Final Shut-In	<u>45</u>	<input type="checkbox"/> Day Standby		MP/DST Disc't	
		<input type="checkbox"/> Accessibility			
		Sub Total	<u>1305</u>		

Approved By _____ Our Representative [Signature]

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



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
APR 27 2012

Test Ticket

NO. 042485

4/10

BY: _____

Well Name & No. Esslinger Ranch, Inc. #2-26 Test No. 6 Date 4-24-12
 Company Baird Oil Company, LLC Elevation 2309 KB 2304 GL _____
 Address 113 W Main Logan, KS 67646
 Co. Rep / Geo. Rich Bell Rig WW #8
 Location: Sec. 26 Twp. 3s Rge. 22w Co. Norton State KS

Interval Tested 3794-3809 Zone Tested Marmaton sd
 Anchor Length 15' Drill Pipe Run 3654 Mud Wt. 9.2
 Top Packer Depth 3790 Drill Collars Run 120 Vis 58
 Bottom Packer Depth 3794-3809 (straddle packer) Wt. Pipe Run Ø WL 6.4
 Total Depth 3863 Chlorides 2,000 ppm System LCM 1#
 Blow Description IF- Weak surface blow built to 2 1/4"
IS- No Return
FF-
FS-

Rec	Feet of	%gas	%oil	%water	%mud
<u>100</u>	<u>Free Oil</u>			<u>100</u>	
<u>50</u>	<u>OCM</u>		<u>20</u>	<u>80</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 150 BHT 97 Gravity 5.0 API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 1972 Test 1150 T-On Location 2:02 PM
 (B) First Initial Flow 24 Jars 250 T-Started 3:22 PM
 (C) First Final Flow 50 Safety Joint 75' T-Open 5:07 PM
 (D) Initial Shut-In 974 Circ Sub N/C T-Pulled 8:07 PM
 (E) Second Initial Flow 55 Hourly Standby T-Out 10:32 PM
 (F) Second Final Flow 67 Mileage 100 RT 155 Comments _____
 (G) Final Shut-In 938 Sampler _____
 (H) Final Hydrostatic 1954 Straddle 600' Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open _____ Extra Recorder _____ Sub Total Ø
 Initial Shut-In _____ Day Standby _____ Total 2230
 Final Flow _____ Accessibility _____ MP/DST Disc't _____
 Final Shut-In _____ Sub Total 2230

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
APR 27 2012
BY: _____

Test Ticket

NO. 042486

Well Name & No. B Esslinger Ranch, Inc. #2~26 Test No. 7 Date 4-24-12
 Company Baird Oil Company, LLC Elevation 2309 KB 2804 GL
 Address 113 W Main Logan, KS 67646
 Co. Rep / Geo. Rich Bell Rig WW#8
 Location: Sec. 26 Twp. 3s Rge. 22w Co. Norton State KS

Interval Tested 3737-3777 Zone Tested Marmaton
 Anchor Length 40' Drill Pipe Run 3629 Mud Wt. 9.2
 Top Packer Depth 3733 Drill Collars Run 120 Vis 56
 Bottom Packer Depth 3737 3777 (structure) packer Well Pipe Run Ø WL 6.4
 Total Depth 3863 Chlorides 2,000 ppm System LCM 1#

Blow Description IF- Surface Blow built to 5 1/4"
IS- No Return
FF- Surface Blow started at 15 min. Built to 1 1/4"
FS- No Return

Rec	Feet of	%gas	Spots	%oil	trace	%water	100	%mud
<u>90</u>	<u>OSM</u>							
<u>60</u>	<u>OSWM</u>							

Rec Total 150 BHT 97 Gravity — API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic	<u>1934</u>	<input checked="" type="checkbox"/> Test	<u>1180</u>	T-On Location	<u>2:02 PM</u>
(B) First Initial Flow	<u>33</u>	<input checked="" type="checkbox"/> Jars	<u>250</u>	T-Started	<u>1:48 AM 4-25-12</u>
(C) First Final Flow	<u>103</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75'</u>	T-Open	<u>4:00 AM 4-25-12</u>
(D) Initial Shut-In	<u>939</u>	<input checked="" type="checkbox"/> Circ Sub	<u>N/C</u>	T-Pulled	<u>7:00 AM</u>
(E) Second Initial Flow	<u>110</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>9:13 AM</u>
(F) Second Final Flow	<u>109</u>	<input checked="" type="checkbox"/> Mileage	<u>N/C</u>	Comments	
(G) Final Shut-In	<u>988</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>1841</u>	<input checked="" type="checkbox"/> Straddle	<u>600'</u>	<input checked="" type="checkbox"/> Ruined Shale Packer	

Initial Open	<u>45</u>	<input type="checkbox"/> Shale Packer		<input checked="" type="checkbox"/> Ruined Packer	<u>320'</u>
Initial Shut-In	<u>45</u>	<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Extra Copies	
Final Flow	<u>45</u>	<input type="checkbox"/> Extra Recorder		Sub Total	<u>320'</u>
Final Shut-In	<u>45</u>	<input type="checkbox"/> Day Standby		Total	<u>2395'</u>
		<input type="checkbox"/> Accessibility		MP/DST Disc't	
		Sub Total	<u>2075'</u>		

Approved By _____ Our Representative

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