



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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

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



1056424

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

Sec. _____ Twp. _____ S. 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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <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
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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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Bach, Jason dba Bach Oil Production
Well Name	Legleiter 5
Doc ID	1056424

Tops

Name	Top	Datum
Anhydrite	1220	+790
Base Anhydrite	1259	+751
Topeka	2967	-957
Heebner	3253	-1243
Toronto	3271	-1261
Lansing	3300	-1290
Base Kansas City	3544	-1534
Conglomerate	3600	-1590



PO BOX 31 Russell, KS 67665

PA 5511

INVOICE

Invoice Number: 126747

Invoice Date: Mar 30, 2011

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

Bill To:

Bach Oil Production
R. R. #1 Box 28
Phillipsburg, KS 67661

Federal Tax I.D.#: 20-5975804

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Bach	Legleiter #5	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Russell	Mar 30, 2011	4/29/11

Quantity	Item	Description	Unit Price	Amount
450.00	MAT	Class A Common	16.25	7,312.50
8.00	MAT	Gel	21.25	170.00
16.00	MAT	Chloride	58.20	931.20
474.00	SER	Handling	2.25	1,066.50
30.00	SER	Mileage 474 sx @.11 per sk per mi	52.14	1,564.20
1.00	SER	Surface	1,925.00	1,925.00
60.00	SER	Pump Truck Mileage	7.00	420.00
60.00	SER	Light Vehicle Mileage	4.00	240.00
1.00	EQP	8.5/8 Baffle Plate	112.00	112.00
1.00	EQP	8.5/8 Rubber Plug	79.00	79.00
1.00	CEMENTER	Shane Poche		
1.00	OPER ASSIST	Tony Pfannenstiel		

Subtotal	13,820.40
Sales Tax	542.10
Total Invoice Amount	14,362.50
Payment/Credit Applied	
TOTAL	14,362.50

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 2764.08

ONLY IF PAID ON OR BEFORE
Apr 24, 2011

ALLIED CEMENTING CO., LLC. 034021

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Russell

DATE <u>3/30/11</u>	SEC. <u>27</u>	TWP. <u>15</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>4:45p</u>	JOB FINISH <u>5:48p</u>
LEASE <u>Logleiter</u>	WELL # <u>5</u>	LOCATION <u>Schoenchoen 6w 1/4 N</u>			COUNTY <u>Ellis</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)			<u>winter</u>				

CONTRACTOR Murkin Drilling Rig #16
 TYPE OF JOB Surface 58h
 HOLE SIZE 12 1/4 T.D. 1226
 CASING SIZE 8 5/8 DEPTH 1228.21
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 21'
 CEMENT LEFT IN CSG. 21'
 PERFS.
 DISPLACEMENT 76, 88 661

OWNER
 CEMENT
 AMOUNT ORDERED 450 Con 32cc 2561

COMMON	<u>450</u>	@ <u>16.25</u>	<u>7312.50</u>
POZMIX		@	
GEL	<u>8</u>	@ <u>21.25</u>	<u>170.00</u>
CHLORIDE	<u>16</u>	@ <u>58.20</u>	<u>931.20</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>474</u>	@ <u>2.25</u>	<u>1066.50</u>
MILEAGE	<u>111.5k/mi</u>		<u>1564.20</u>
TOTAL			<u>11044.40</u>

EQUIPMENT

PUMP TRUCK CEMENTER Shane
 # 417 HELPER Tony
 BULK TRUCK
 # DRIVER Todd
 BULK TRUCK
 # DRIVER

REMARKS:

Baffle Plate @ 1207.21
Run 29 jts. + Landing St.
Est Circulation.
Mixed 450 slcs. Released Ply
Landing Plug @ 900 ps.
Cement Circulated!

CHARGE TO: Bach Oil
 STREET
 CITY STATE ZIP

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>1925.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>60</u>	@ <u>7.00</u>	<u>420.00</u>
MANIFOLD		@	
		@	
	<u>CON 60</u>	@ <u>4.00</u>	<u>240.00</u>
TOTAL			<u>2585.00</u>

PLUG & FLOAT EQUIPMENT

		@	
	<u>8 5/8 Baffle Plate</u>	@	<u>112.00</u>
	<u>Rubber Plug</u>	@	<u>79.00</u>
		@	

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment

Thanks!



PO BOX 31 Russell, KS 67665

Ad 55-26

INVOICE

Invoice Number: 126823

Invoice Date: Apr 4, 2011

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

Bill To:

Bach Oil Production
R. R. #1 Box 28
Phillipsburg, KS 67661

Federal Tax I.D.#: 20-5975804

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Bach	Legleiter #5	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-03	Russell	Apr 4, 2011	5/4/11

Quantity	Item	Description	Unit Price	Amount
99.00	MAT	Class A Common	16.25	1,608.75
66.00	MAT	Pozmix	8.50	561.00
6.00	MAT	Gel	21.25	127.50
41.00	MAT	Flo Seal	2.70	110.70
173.00	SER	Handling	2.25	389.25
20.00	SER	Mileage 173 sx @ .11 per sk per mi	19.03	380.60
1.00	SER	Plug	1,250.00	1,250.00
40.00	SER	Pump Truck Mileage	7.00	280.00
40.00	SER	Light Vehicle Mileage	4.00	160.00
1.00	CEMENTER	Bill Leikam		
1.00	EQUIP OPER	Ron Bennett		
1.00	OPER ASSIST	Nick Williams		

Subtotal	4,867.80
Sales Tax	306.67
Total Invoice Amount	5,174.47
Payment/Credit Applied	
TOTAL	5,174.47

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ **973.56**

ONLY IF PAID ON OR BEFORE
Apr 29, 2011

ALLIED CEMENTING CO., LLC. 036905

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Russell

DATE <u>4-4-11</u>	SEC. <u>27</u>	TWP. <u>19</u>	RANGE	CALLED OUT	ON LOCATION	JOB START <u>9:45 AM</u>	JOB FINISH <u>10:00 AM</u>
LEASE <u>Legksten</u>	WELL # <u>5</u>	LOCATION <u>Schoeden 6W</u>			COUNTY <u>Ellis</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR <u>MMA Fin #16</u>	OWNER
TYPE OF JOB <u>PLUG</u>	CEMENT
HOLE SIZE <u>5 7/8</u>	T.D.
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2</u>	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

AMOUNT ORDERED			
<u>165</u>	<u>6.9440</u>	<u>4.9664</u>	<u>9.110</u>

COMMON	<u>99</u>	@	<u>16.25</u>	<u>1608.75</u>
POZMIX	<u>66</u>	@	<u>8.50</u>	<u>561.00</u>
GEL	<u>6</u>	@	<u>21.25</u>	<u>127.50</u>
CHLORIDE		@		
ASC		@		
	<u>Flo Seal 41#</u>	@	<u>2.70</u>	<u>110.70</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>173</u>	@	<u>2.25</u>	<u>389.25</u>
MILEAGE	<u>111.5</u>	@		<u>380.60</u>
TOTAL				<u>3177.80</u>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Bill</u>
# <u>409</u>	HELPER <u>Row</u>
BULK TRUCK	
# <u>487</u>	DRIVER <u>Nick</u>
BULK TRUCK	
#	DRIVER

REMARKS:

1st plug c 1240 w 25 sh
2nd plug c 520 w 100 sh
3rd plug c 40 w 10 sh
Kathie 30 sh

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>1250.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>40</u>	@	<u>7.00</u> <u>280.00</u>
MANIFOLD		@	
	<u>40</u>	@	<u>4.00</u> <u>160.00</u>
TOTAL <u>1690.00</u>			

CHARGE TO: Bach Oil
STREET _____
CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

BACH OIL PRODUCTION

WELL: LEGLEITER #6

**LOC.: 710' FSL & 860' FWL
SEC. 27-15-19W**

**ELLIS COUNTY, KANSAS
API: 15-051-26125-00-00**

**DRILLING CONTR.: MURFIN RIG #16
SPUD: 03-27-11 COMP: 04-04-11
MUD UP: 2800' TYPE MUD: CHEM.
DRILL TIME: 2900-RTD
RTD: 3645' LTD: 3643'
SAMPLES SAVED: 2900'-RTD
GEOLOGIST: ROBERT J. PETERSEN**

ELEVATION

KB: 2010'
GL: 2005'
LOG MEASURED
FROM: KB

SURFACE CASING

8 5/8" surface csg.
Set @1225' KB.
Cem. w/450sx Common,
3% CC, 2% Gel.

PRODUCTION CASING

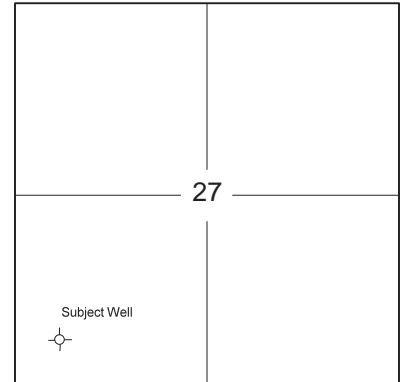
D & A

WELL LOG SURVEYS

RAG

ELECTRIC LOG TOPS

FORMATION	DEPTH	DATUM	POSITION
Stone Corral	1220	+790	-14
Base Stone Corral	1259	+751	-19
Topeka	2967	-957	-8
Heebner	3253	-1243	-5
Toronto	3271	-1261	-2
Lansing	3300	-1290	-8
Base Kansas City	3544	-1534	-2
Conglomerate	3600	-1590	-19



REFERENCE WELL:

Herman Kaiser
Randa #1
NE NE NE
33-15-19W
El 2042 KB

DAILY REPORT

@7:00 A.M.

3-28-11 MIRU
3-29-11 SPUD
3-30-11 1055' Drilling
3-31-11 1250' Drilling
4-1-11 2480' Drilling
4-2-11 3225' Drilling
4-3-11 3365' Drilling
4-4-11 3580' Drilling

REMARKS AND RECOMMENDATIONS

Due to the structural position and poor DST results the operator plugged and abandoned this well.

Respectfully submitted,

Robert J. Petersen

DRILL TIME MIN./FT

SAMPLE DESCRIPTION

0 5 10

2900

LS; Cream/gray, dense, foss + SH; Gray (10)

LS; Cream/lt brown, fine crystalline to dense, foss + SH; Gray + SS; Gray, silty (20)

LS; Cream/tan, fine crystalline, foss, chalky (30)

LS; Cream, fine crystalline to dense, foss, cherty + SH; Gray (40)

LS; Gray, dense, foss + SH; Gray (50)

LS; Gray, fine crystalline to dense, foss + SH; Gray + SS; Gray (60)

LS; Tan, dense, foss, trace stain (70)

2950

SH; Gray, soft, sandy (80-90)

Topeka

LS; Cream, dense, foss + LS; Brown, fine crystalline + LS; Brown, fine crystalline (90)

LS; Cream,dense, foss, chalky, sl cherty + SH; Gray (3000)

LS; Cream/brown, dense, sl foss + SH; Gray (10)

3000

LS; Cream/gray, fine crystalline to dense, chalky-cherty + SH; Gray + SS; Gray, fine grained, angular (20)

LS; Gray, fine crystalline, foss, very chalky, soft, trace stain (30)

LS; Tan, fine crystalline, sl dolo, ool in-part, chalky, trace stain (40)

LS; Tan/gray, fine crystalline to dense, foss, sl dolo, chalky + SH; Gray (40/20")

LS; Tan/gray, fine crystalline, foss, mottled-in part + SH; Gray (50)

LS; Gray/tan, dense, chalky (60-70)

3050

SH; Red/gray (70)

LS; Cream/gray, fine crystalline to dense, chalky (80)

LS; Cream/gray, fine crystalline, foss, chalky, trace stain (90)

LS; Cream/gray, fine crystalline, foss, chalky, cherty (3100)

3100

LS; Cream/tan, fine crystalline, sl foss, chalky-cherty (10)

SH; Black (20)

SH; Red/green-gray, silty-sandy (30-40)

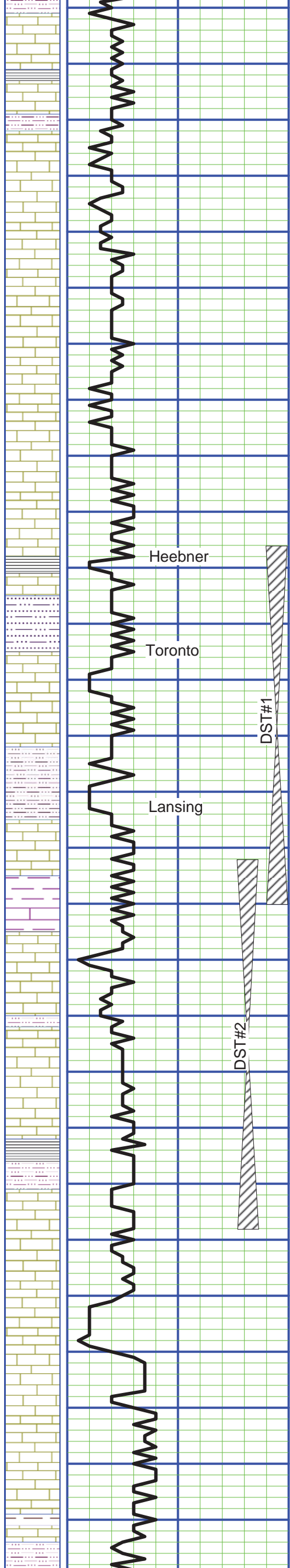
LS; Cream/tan, fine crystalline to dense, trace light stain (40)

SH; Gray (50)

LS; Cream/lt gray, fine crystalline to dense, sl dol (60)

3150

LS; Cream/gray, fossil-mottle, chalky, trace stain (70)



3200

3250

3300

3350

3400

Heebner

Toronto

Lansing

DST#1

DST#2

SH; Red/gray (70)

LS; Cream/tan, fine crystalline, foss, sl chalky (80)

SH; Black (90)

SH;Red/gray (3200)

LS; Cream, fine crystalline, foss, chalky, lt stain, sfo, odor, ppt por (3200)

+LS; Brown, dense (04/20")

LS; Gray, fine crystalline to dense, dolo, chalky, ssfo, odor (04/40")

LS; Cream/tan, fine crystalline, foss, chalky, cherty, trace stain + SH; Gray (20)

LS; Cream/tan, fine crystalline to dense, foss, chalky, cherty (30)

LS; Cream/lt gray, fine crystalline to dense, foss, chalky, cherty, trace stain, fair vug por, lt brown stain (40)

LS; Cream, fine crystalline to dense, foss, chalky + SH; Green (50)

LS; Cream/lt gray, fine crystalline, ool, trace poor ppt por, lt stain (50/30")

LS; Cream/tan, fine crystalline to dense, foss, cherty, chalky, trace vug por, lt stain (60)

SH; Black (700)

LS; Lt gray, dense, sl foss (80)

SH; Red/green-gray, silty-andy (80)

LS; Cream, fine crystalline to dense, foss, trace stain, poor vug por, lt stain, vssfo (black)(90)

LS; Tan, fine crystalline, ool, dolomitic w/fair inter-ool por, sfo, odor (3300)

LS; Tan/cream, fine crystalline to dense, foss, decrease dolo (07)

SH; Gray, sandy (07/20")

LS; Cream/lt gray, fine crystalline to dense, dolo, foss, cherty (black-foss) w/ppt por. Ssfo, lt odor (10) increase odor (20) light stain on dry

SH; Red/gray, silty + LS; Gray/cream, fine crystalline, foss, chalky (20-40")

SH; Red/green-gray, silty + LS; Gray, fine crystalline, foss, sl dolo, tr ppt por, lt stain (30)

LS; Cream, fine crystalline, oomoldicm sl dolo, chalky, soft (40)

LS; Cream, fine crystalline, oomoldic w/fair moldic por, lt stain, sfo, odor, light to dark stain on dry (45)

LS; Cream/graym fine crystalline, oolitic, mottled, cahly (45/20")

SH; Gray/marron (45/20")

LS; Cream/gray, fine crystalline, foss, chalky (45/40")

LS; Cream/gray, fine crystalline, foss, oomoldic/ool in-part, w/fair oomoldic por, stain, odor, ssfo (50)

LS; Cream/gray, fine crystalline, ool, sl dolo, cherty + SH; Gray (60)

LS; Cream/lt gray, fine crystalline, foss, chalky, lt stain (65)

LS; Cream, fine crystalline, oom, sl chalky, oom, w/trace intercrystalline por, sfo (brown), odor, gas bubbles, lt gray to brown stain on dry (65/40")

SH; Black (65/40")

SH; Red/gray (77)

LS; Cream/white/tan, fine crystalline, oolitic-granular w/trace poor inter-ool & moldic por, dark stain, odor, ssfo (77/20")

LS; Lt gray, fine crystalline, sl dolo w/scatt, fossil-cast por, ssfo (bleeding) odor (77/40")

LS; Cream/lt gray, fine crystalline, ool, chalky, trace stain (90)

LS; Cream, fine crystalline to dense, oomoldic, chalky, cherty (3400)

LS; Cream, fine crystalline, oomoldic w/trace dark stain, odor, ss tarry oil (10)

LS; Lt gray/cream, fine crystalline to dense, foss, frac por, ssfo, dark stain (20)

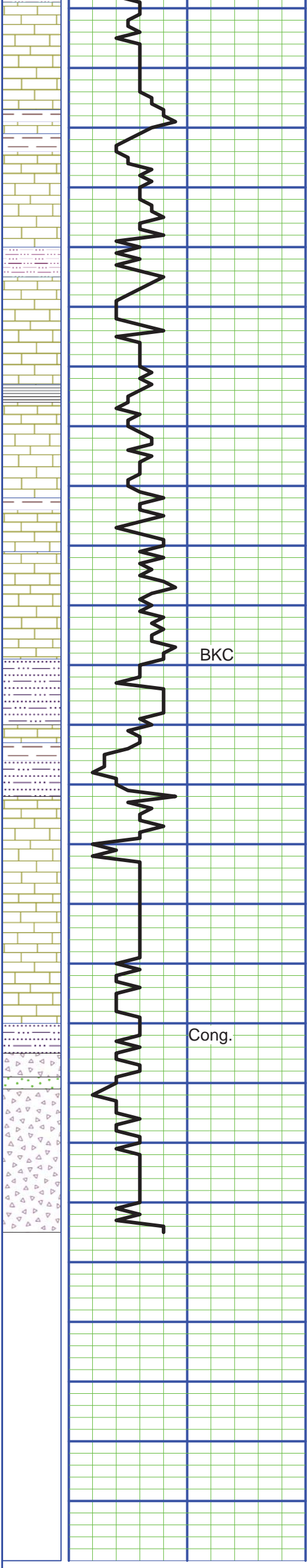
LS; Cream, fine crystalline, ool, chalky, sl cherty + SH; Dark gray/black (30)

LS :Cream, fine crystalline, chalky + SH; Maroon/gray (40)

LS; Cream, fine crystalline, foss, sl dolomitic, chalky (50)

DST #1
 3256-3320'
 30-45-30-45"
 IFF: Weak building to 1 1/2 "
 FFP: Weak steady surface blow
 Recovered: 95' Water
 60,000 ppm chlorides
 SIP: 1022-982#
 FP: 18-44/49-64#

DST #2
 3312-3378'
 30-45-30-45"
 IFF: Weak building to 1"
 FFP: Weak steady surface blow
 Recovered:
 35' Drilling Mud
 20' Water
 80,000 ppm chlorides
 SIP: 454-436#
 FP: 20-35/36-42#



3450

LS; Cream, fine crystalline, foss, trace frac por, lt stain, vssfo, odor, trace dead flakes-tarry oil (60)

SH; Red/gray (70)

LS; Cream, fine crystalline to dense, ool, chalky (80)

LS; Cream, fine crystalline, sl ool, trace poor ppt por, trace stain, vssfo whe crushed (90)

SH; Dark gray (90)

LS; cream/lt gray, fine crystalline to desen, chalky, sl cherty, trace ppt por, vssfo when crushed (94)



LS; Cream/lt gray, fine crystalline to dense, chalky, trace stain + SH; Dark gray (94/20")

LS; Cream, fine crystalline, w/intercrystalline por, trace black stain (94/40"-3510)

SH; Black (3510)

3500

SH; Red/gray (20)

LS; Cream/tan, fine crystalline, ool, chalky (20)

LS; Cream/tan, fine crystalline, ool, sl chalky/cherty (30)

SH; Gray (30)

LS; Cream/tan, fine crystalline, chalky, cherty, trace stain, poor ppt por + Sh; Gray (40)

SH; Black (50)

SH; Gray, silty (50)

BKC

3550

LS; Cream, fine crystalline, ool, cherty (60)

SH; Red/gray, silty-sandy (70)

LS; Cream, fine crystalline (70)

SH; Red/gray, silty-sandy (80)

LS; Cream, fine crystalline, ool + Chert; Orange, sharp (80)

SH; Red/gray (90)

LS; Cream/gray, dense, chalky (90)

LS; Cream/lt brown, fine crystalline, ool, chalky-cherty, trace stain + SH; Gray/maroon (3600)

Chert; Gray/cream/gray, angular + LS; Gray, dense + SH; Red/gray, silty (10)

3600

+LS; Cream, fine crystalline, foss, chalky-abundant Chert, trace stain + SH; Dark gray/gray, sandy (18)

Cong.



Chert; White/orange, angular, foss, lt stain, vssfo(brown), no odro + LS; Lt gray, dense, chalky-chalky soft (18/20")

+SH; Gray, silty-sandy +SS; Clear, subangular-subrounded, medium, well-cem to loose, few loose grains, ssfo, faint odor (18/40")

SS; Clear, subangular-subrounded, medium, well-cem to loose, few loose grains, ssfo, faint odor (30)

LS; Cream/lt gray, fine crystalline to dense, foss, sl cherty + SH; Gray, trace SS; Clear, subrounded, coarse, well-cem, traces stain (40)

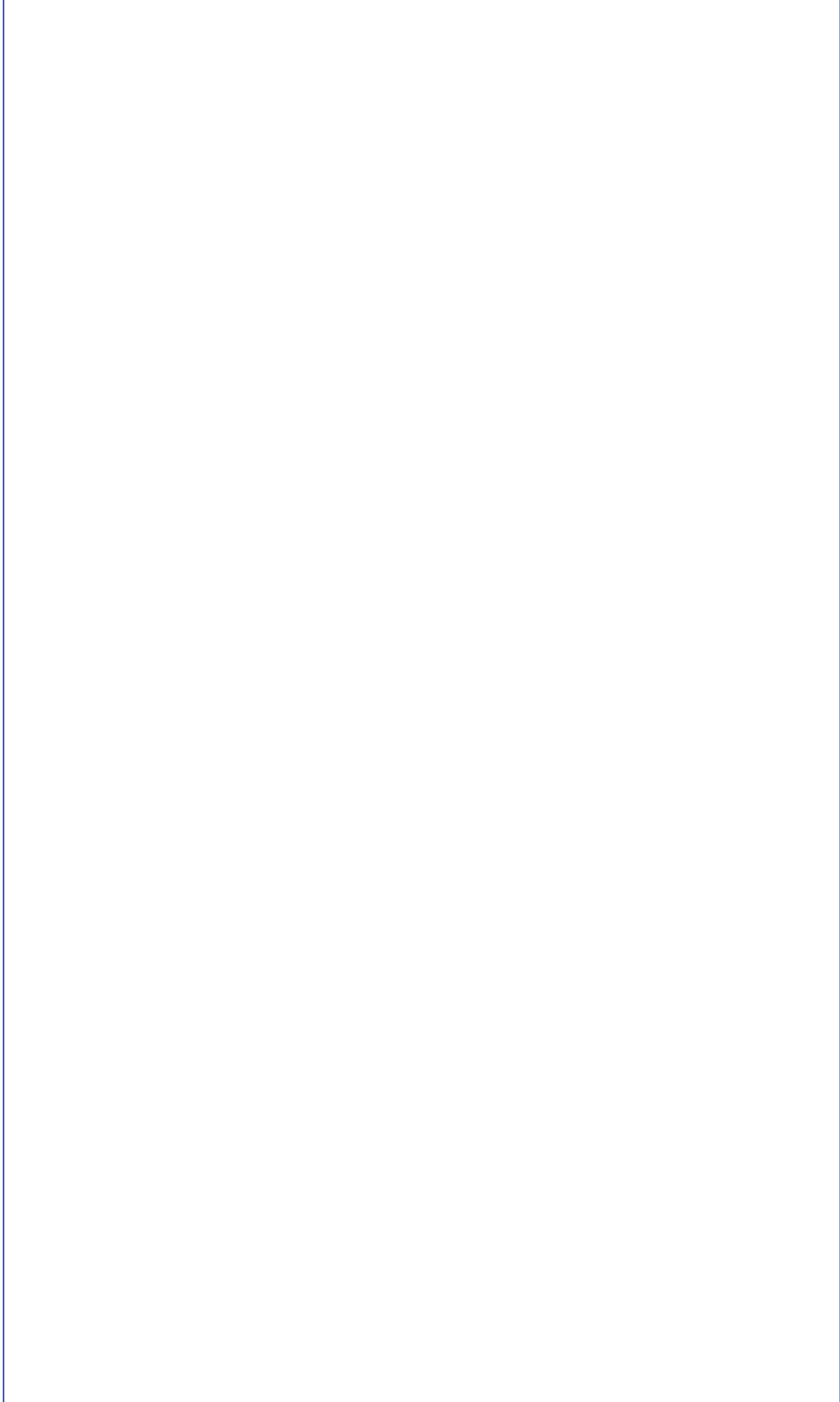
Chert; White/gray, angular + Sand; Clear, coarse, subrounded, well-cem w/ssfo (45)

slight increase Sand cluster, tight, ssfo (45/30")

+ SH; Pale green/black, trace reworked dolo (45/60")

3650

3700





DRILL STEM TEST REPORT

Prepared For: **Bach Oil Production**

P O Box 723
Alma Ne 68920

ATTN: Jason Bach

27-15-19-Ellis KS

Legleiter # 5

Start Date: 2011.04.02 @ 18:55:43

End Date: 2011.04.03 @ 00:57:13

Job Ticket #: 042410 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Bach Oil Production

Legleiter # 5

P O Box 723
Alma Ne 68920

27-15-19-Ellis KS

ATTN: Jason Bach

Job Ticket: 042410

DST#: 1

Test Start: 2011.04.02 @ 18:55:43

GENERAL INFORMATION:

Formation: **Toronto /A LKC**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:49:13

Time Test Ended: 00:57:13

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 38

Interval: 3256.00 ft (KB) To 3320.00 ft (KB) (TVD)

Reference Elevations: 2010.00 ft (KB)

Total Depth: 3320.00 ft (KB) (TVD)

2005.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8354 Inside

Press @ Run Depth: 64.06 psig @ 3260.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.04.02

End Date:

2011.04.03

Last Calib.: 2011.04.03

Start Time: 19:05:43

End Time:

00:57:13

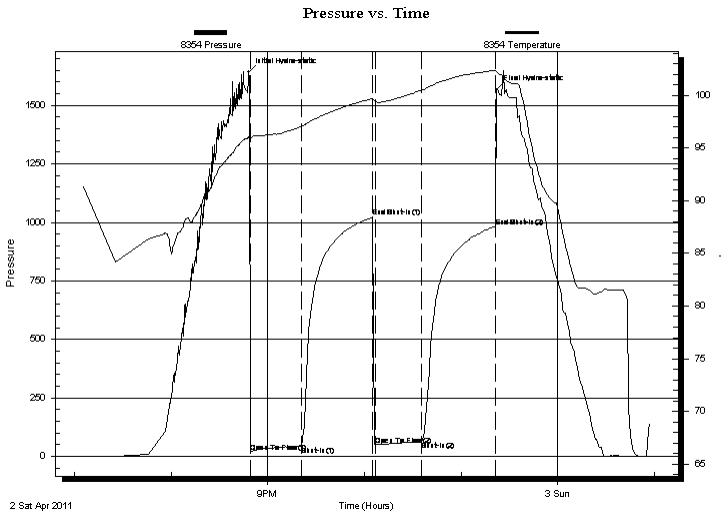
Time On Btm: 2011.04.02 @ 20:48:13

Time Off Btm: 2011.04.02 @ 23:22:13

TEST COMMENT: IF-Weak building to 1 1/2"

FF-Weak steady surface blow
Times-30-45-30-45

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1640.57	96.06	Initial Hydro-static
1	18.28	95.61	Open To Flow (1)
33	44.82	97.07	Shut-In(1)
77	1022.17	99.71	End Shut-In(1)
79	49.92	99.41	Open To Flow (2)
108	64.06	100.50	Shut-In(2)
153	982.63	102.39	End Shut-In(2)
154	1565.11	102.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
95.00	Wtr	1.06

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Bach Oil Production

Legleiter # 5

P O Box 723
Alma Ne 68920

27-15-19-Ellis KS

Job Ticket: 042410

DST#: 1

ATTN: Jason Bach

Test Start: 2011.04.02 @ 18:55:43

Tool Information

Drill Pipe:	Length: 3203.00 ft	Diameter: 3.80 inches	Volume: 44.93 bbl	Tool Weight: 2800.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 45.08 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3256.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.00 ft			
Tool Length:	92.00 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			3229.00	
Shut In Tool	5.00			3234.00	
Hydraulic tool	5.00			3239.00	
Jars	5.00			3244.00	
Safety Joint	3.00			3247.00	
Packer	5.00			3252.00	28.00 Bottom Of Top Packer
Packer	4.00			3256.00	
Stubb	1.00			3257.00	
Perforations	2.00			3259.00	
Change Over Sub	1.00			3260.00	
Recorder	0.00	8354	Inside	3260.00	
Recorder	0.00	8520	Outside	3260.00	
Drill Pipe	31.00			3291.00	
Change Over Sub	1.00			3292.00	
Perforations	25.00			3317.00	
Bullnose	3.00			3320.00	64.00 Bottom Packers & Anchor
Total Tool Length:	92.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Bach Oil Production

Legleiter # 5

P O Box 723
Alma Ne 68920

27-15-19-Ellis KS

Job Ticket: 042410

DST#: 1

ATTN: Jason Bach

Test Start: 2011.04.02 @ 18:55:43

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:

60000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
95.00	Wtr	1.059

Total Length: 95.00 ft Total Volume: 1.059 bbl

Num Fluid Samples: 0

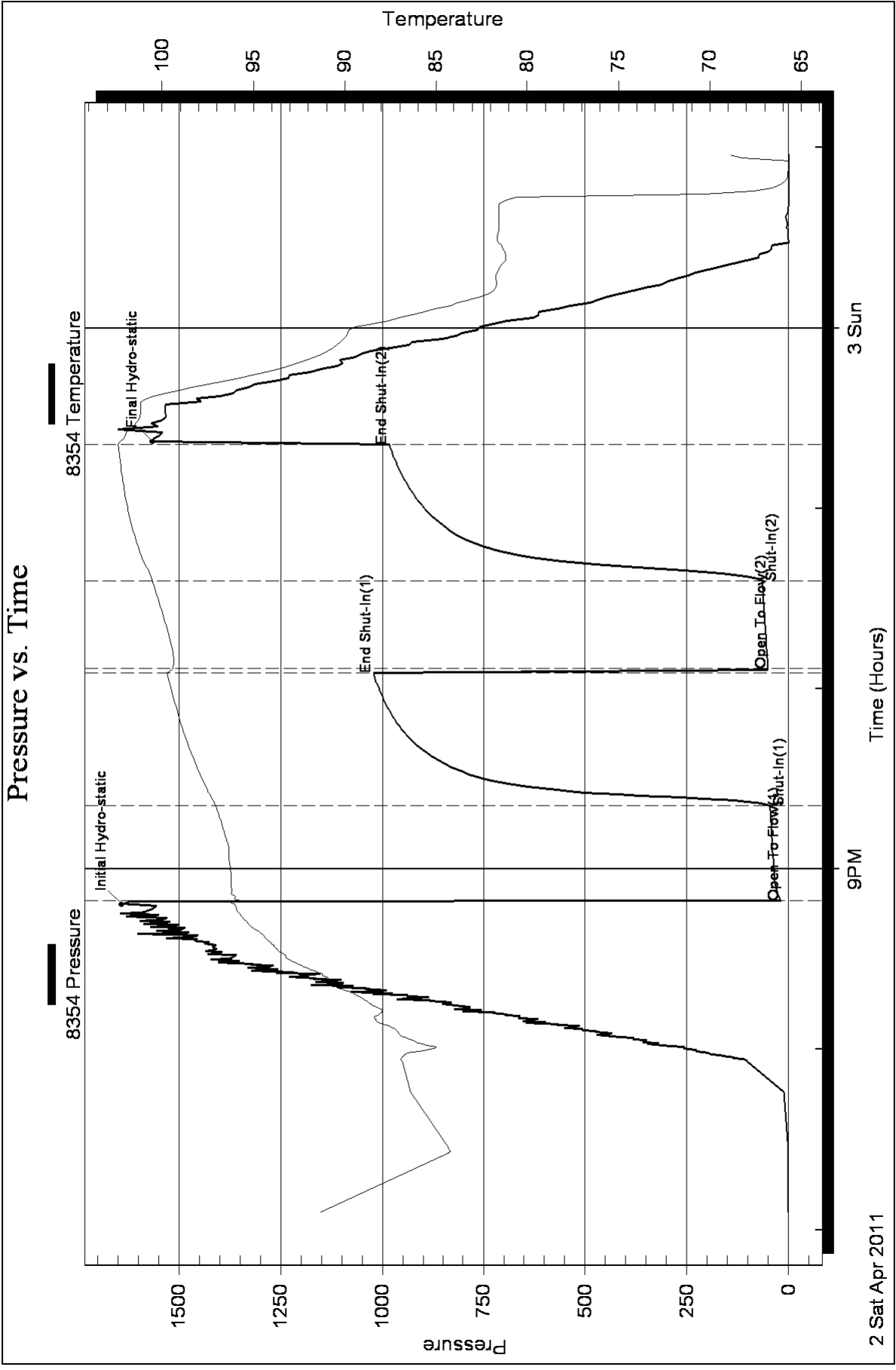
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Rw .13 @ 70 = 60000 ppm





DRILL STEM TEST REPORT

Prepared For: **Bach Oil Production**

P O Box 723
Alma Ne 68920

ATTN: Jason Bach

27-15-19-Ellis KS

Legleiter # 5

Start Date: 2011.04.03 @ 10:30:06

End Date: 2011.04.03 @ 16:30:06

Job Ticket #: 042411 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Bach Oil Production

Legleiter # 5

P O Box 723
Alma Ne 68920

27-15-19-Ellis KS

Job Ticket: 042411

DST#: 2

ATTN: Jason Bach

Test Start: 2011.04.03 @ 10:30:06

GENERAL INFORMATION:

Formation: **B-D-F LKC**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:20:26

Time Test Ended: 16:30:06

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 38

Interval: 3312.00 ft (KB) To 3378.00 ft (KB) (TVD)

Reference Elevations: 2010.00 ft (KB)

Total Depth: 3378.00 ft (KB) (TVD)

2005.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8354 Inside

Press @ Run Depth: 42.73 psig @ 3316.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.04.03

End Date:

2011.04.03

Last Calib.: 2011.04.03

Start Time: 10:40:06

End Time:

16:30:06

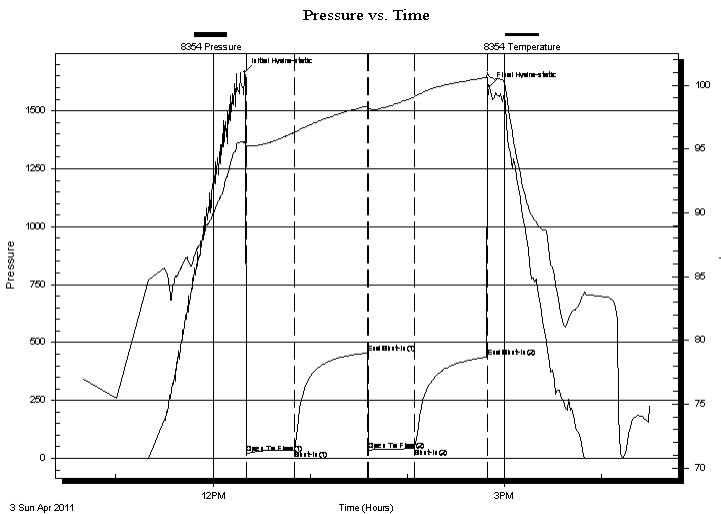
Time On Btm: 2011.04.03 @ 12:19:36

Time Off Btm: 2011.04.03 @ 14:50:36

TEST COMMENT: IF-Weak building to 1"

FF-Weak steady surface blow
Times-30-45-30-45

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1665.83	95.58	Initial Hydro-static
1	20.59	94.82	Open To Flow (1)
31	35.65	96.30	Shut-In(1)
76	454.75	98.36	End Shut-In(1)
77	36.79	98.23	Open To Flow (2)
105	42.73	99.07	Shut-In(2)
150	436.65	100.60	End Shut-In(2)
151	1605.35	100.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Wtr	0.10
35.00	Drig Mud	0.40

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Bach Oil Production

Legleiter # 5

P O Box 723
Alma Ne 68920

27-15-19-Ellis KS

Job Ticket: 042411

DST#: 2

ATTN: Jason Bach

Test Start: 2011.04.03 @ 10:30:06

Tool Information

Drill Pipe:	Length: 3266.00 ft	Diameter: 3.80 inches	Volume: 45.81 bbl	Tool Weight: 2800.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 45.96 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3312.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	66.00 ft			
Tool Length:	94.00 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			3285.00	
Shut In Tool	5.00			3290.00	
Hydraulic tool	5.00			3295.00	
Jars	5.00			3300.00	
Safety Joint	3.00			3303.00	
Packer	5.00			3308.00	28.00 Bottom Of Top Packer
Packer	4.00			3312.00	
Stubb	1.00			3313.00	
Perforations	2.00			3315.00	
Change Over Sub	1.00			3316.00	
Recorder	0.00	8354	Inside	3316.00	
Recorder	0.00	8520	Outside	3316.00	
Drill Pipe	31.00			3347.00	
Change Over Sub	1.00			3348.00	
Perforations	27.00			3375.00	
Bullnose	3.00			3378.00	66.00 Bottom Packers & Anchor
Total Tool Length:	94.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Bach Oil Production

Legleiter # 5

P O Box 723
Alma Ne 68920

27-15-19-Ellis KS

Job Ticket: 042411

DST#: 2

ATTN: Jason Bach

Test Start: 2011.04.03 @ 10:30:06

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:

80000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.08 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
20.00	Wtr	0.098
35.00	Drig Mud	0.400

Total Length: 55.00 ft Total Volume: 0.498 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Rw .1 @ 70 = 80000ppm

