



KANSAS CORPORATION COMMISSION 1059602
OIL & GAS CONSERVATION DIVISION

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 31569
Name: Bach, Jason dba Bach Oil Production
Address 1: PO BOX 723
Address 2: _____
City: ALMA State: NE Zip: 68920 + 0723
Contact Person: Jason Bach
Phone: (308) 928-8920
CONTRACTOR: License # 30606
Name: Murfin Drilling Co., Inc.
Wellsite Geologist: Bob Peterson
Purchaser: Coffeyville Resources

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 #: _____
05/28/2011 06/02/2011 09/22/2011
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-147-20646-00-00
Spot Description: _____
S2 NW SW NE Sec. 2 Twp. 2 S. R. 19 East West
1920 Feet from North / South Line of Section
2310 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Phillips
Lease Name: Kats Well #: 1
Field Name: Van Dyke
Producing Formation: LKC
Elevation: Ground: 2240 Kelly Bushing: 2245
Total Depth: 3686 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 218 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 3686
feet depth to: 0 w/ 550 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 21000 ppm Fluid volume: 800 bbls
Dewatering method used: Evaporated
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: Deanna Garrison Date: 09/26/2011



1059602

Operator Name: Bach, Jason dba Bach Oil Production Lease Name: Kats Well #: 1
 Sec. 2 Twp. 2 S. R. 19 East West County: Phillips

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Rag	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Stone Corral</td> <td>1814</td> <td>+431</td> </tr> <tr> <td>Base Stone Corral</td> <td>1836</td> <td>+409</td> </tr> <tr> <td>Topeka</td> <td>3163</td> <td>-918</td> </tr> <tr> <td>Heebner</td> <td>3377</td> <td>-1132</td> </tr> <tr> <td>Toronto</td> <td>3407</td> <td>-1162</td> </tr> <tr> <td>Lansing</td> <td>3424</td> <td>-1179</td> </tr> <tr> <td>Base Kansas City</td> <td>3644</td> <td>-1399</td> </tr> </tbody> </table>	Name	Top	Datum	Stone Corral	1814	+431	Base Stone Corral	1836	+409	Topeka	3163	-918	Heebner	3377	-1132	Toronto	3407	-1162	Lansing	3424	-1179	Base Kansas City	3644	-1399
Name	Top	Datum																							
Stone Corral	1814	+431																							
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Toronto	3407	-1162																							
Lansing	3424	-1179																							
Base Kansas City	3644	-1399																							

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.625	20	218	COM	150	3% CC/2% Gel
Production	7.875	5.50	14	3681	AMD	550	10% Salt/2% Gel

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: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. _____		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio 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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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PO BOX 31 Russell, KS 67665

INVOICE

Invoice Number: 127358

Invoice Date: May 28, 2011

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

Bill To:

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

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Bach	Kats #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Russell	May 28, 2011	6/27/11

Quantity	Item	Description	Unit Price	Amount
150.00	MAT	Class A Common	16.25	2,437.50
3.00	MAT	Gel	21.25	63.75
5.00	MAT	Chloride	58.20	291.00
158.00	SER	Handling	2.25	355.50
50.00	SER	Mileage 158 sx @ .11 per sk per mi	17.38	869.00
1.00	SER	Surface	1,125.00	1,125.00
100.00	SER	Pump Truck Mileage	7.00	700.00
100.00	SER	Light Vehicle Mileage	4.00	400.00
1.00	CEMENTER	Heath Long		
1.00	OPER ASSIST	Tony Pfannenstiel		

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

\$17,248.35

ONLY IF PAID ON OR BEFORE

Jun 22, 2011

Subtotal	6,241.75
Sales Tax	189.87
Total Invoice Amount	6,431.62
Payment/Credit Applied	
TOTAL	6,431.62

ALLIED CEMENTING CO., LLC. 035780

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

SERVICE POINT:
Russell, KS

DATE <u>5-28-11</u>	SEC. <u>2</u>	TWP. <u>2</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>7:30</u>	JOB FINISH <u>8:00</u>
LEASE <u>Kats</u>	WELL # <u>1</u>	LOCATION <u>Phillipsburg NW to Hunter RD</u>			COUNTY <u>Phillips</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)		<u>6W 1/2 N into</u>					

CONTRACTOR Muffin #16 OWNER _____

TYPE OF JOB Surface

HOLE SIZE <u>8 5/8</u>	T.D. <u>218</u>	CEMENT
CASING SIZE <u>8 5/8</u>	DEPTH <u>218.56</u>	AMOUNT ORDERED <u>150.com 382</u>
TUBING SIZE	DEPTH	
DRILL PIPE	DEPTH	
TOOL	DEPTH	
PRES. MAX	MINIMUM	COMMON <u>150 @ 16.25 = 2437.50</u>
MEAS. LINE	SHOE JOINT	POZMIX @
CEMENT LEFT IN CSG. <u>75.44</u>		GEL <u>13 @ 21.25 = 276.25</u>
PERFS.		CHLORIDE <u>57 @ 58.26 = 291.00</u>
DISPLACEMENT <u>12.96</u>		ASC @

EQUIPMENT

PUMP TRUCK: CEMENTER Heath
409 HELPER Todd
BULK TRUCK
410 DRIVER Tony
BULK TRUCK
_____ DRIVER _____

HANDLING <u>158 @ 2.25 = 355.50</u>
MILEAGE <u>11.51/mile @ 7.60 = 869.00</u>
TOTAL <u>4016.25</u>

REMARKS:

Ran 5 joints 8 5/8
Dispaced with 12.96 bbl of H2O
Shut in

SERVICE

DEPTH OF JOB	
PUMP TRUCK CHARGE <u>1125.00</u>	
EXTRA FOOTAGE @	
MILEAGE <u>100 @ 7.00 = 700.00</u>	
MANIFOLD <u>100 @ 4.00 = 400.00</u>	
TOTAL <u>2225.00</u>	

CHARGE TO: Bach Oil Productions
STREET PO BOX 723
CITY Alma STATE NE ZIP 68920

PLUG & FLOAT EQUIPMENT

@	
@	
@	
@	
@	

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



PO BOX 31 Russell, KS 67665

INVOICE

Invoice Number: 127451

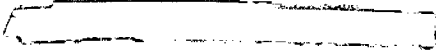
Invoice Date: Jun 2, 2011

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

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



Customer ID	Well Name# or Customer P.O.	Payment Terms	
Bach	Katz #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-02	Russell	Jun 2, 2011	7/2/11

Quantity	Item	Description	Unit Price	Amount
90.00	MAT	Class A Common	16.25	1,462.50
60.00	MAT	Pozmix	8.50	510.00
2.00	MAT	Gel	21.25	42.50
400.00	MAT	AMD	23.55	9,420.00
750.00	MAT	Gilsonite	0.89	667.50
13.00	MAT	Salt	23.95	311.35
580.00	SER	Handling	2.25	1,305.00
50.00	SER	Mileage 580 sx @ .11 per sk per mi	63.80	3,190.00
1.00	SER	Production String	2,225.00	2,225.00
100.00	SER	Pump Truck Mileage	7.00	700.00
100.00	SER	Light Vehicle Mileage	4.00	400.00
3.00	EQP	5.5 Basket	236.00	708.00
10.00	EQP	5.5 Centralizer	34.00	340.00
1.00	EQP	5.5 Float Shoe	245.00	245.00
1.00	EQP	5.5 Latch Down	194.00	194.00
1.00	CEMENTER	Shane Roche		
1.00	CEMENTER	Heath Long		
1.00	EQUIP OPER	Ron Bennett		
1.00	OPER ASSIST	Tony Pfannenstiel		
1.00	OPER ASSIST	Mark Radke		

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1.12% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 43,421.11

ONLY IF PAID ON OR BEFORE

Jun 27, 2011

Subtotal	21,720.85
Sales Tax	945.26
Total Invoice Amount	22,666.11
Payment/Credit Applied	
TOTAL	22,666.11

ALLIED CEMENTING CO., LLC. 035828

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

SERVICE POINT: Russell

DATE <u>6/2/11</u>	SEC <u>2</u>	TWP <u>2</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>6:00 p</u>	JOB FINISH <u>7:00 p</u>
LEASE <u>K&S</u>	WELL # <u>1</u>	LOCATION <u>Phillipsburg 9 N E</u>				COUNTY <u>Phillips</u>	STATE <u>Ks</u>
OLD OR NEW (Circle one) <u>NEW</u>			<u>Heate Rd</u>				

CONTRACTOR Martin Drilling Co. #46
 TYPE OF JOB Production String
 HOLE SIZE 7 7/8 T.D. 3682
 CASING SIZE 5 1/2 DEPTH 3685
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 13.6
 CEMENT LEFT IN CSG 13.6
 PERFS.
 DISPLACEMENT 89.59661

OWNER
 CEMENT
 AMOUNT ORDERED 400 AMD
150 6 7/8 107 Salt 1.5 Cement/sk
22.62

EQUIPMENT
 PUMP TRUCK, CEMENTER: Shane, Keith
 # 409 HELPER Ron
 BULK TRUCK
 # 477 DRIVER Tony
 BULK TRUCK
 # 410 DRIVER Mark

COMMON	<u>90</u>	@ <u>16.25</u>	<u>1462.50</u>
POZMIX	<u>60</u>	@ <u>8.50</u>	<u>510.00</u>
GEL	<u>2</u>	@ <u>21.25</u>	<u>42.50</u>
CHLORIDE		@	
ASC		@	
AM D	<u>400</u>	@ <u>23.55</u>	<u>9420.00</u>
Gilsonite	<u>75</u>	@ <u>8.90</u>	<u>667.50</u>
Salt	<u>13</u>	@ <u>23.95</u>	<u>311.35</u>
HANDLING	<u>580</u>	@ <u>2.25</u>	<u>1305.00</u>
MILEAGE	<u>111/2</u>	@	<u>3190.00</u>

REMARKS:
Facet @ 3671.40 Not Hole Park
Make Hole 1500ft. Mixed 355 sks
Down 5 1/2" & 1 1/2" in with
150 sks. Shut down washed
pump & line. Displaced 89.59661
Loaded 96 @ 1700 ps.
Floot Held
Cement Circulated!
 CHARGE TO: Back Production

TOTAL 16,905.85

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>2225.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>100</u>	@ <u>7.00</u>	<u>700.00</u>
MANIFOLD		@	
<u>CUM</u>	<u>100</u>	@ <u>4.00</u>	<u>400.00</u>

TOTAL 3325.00

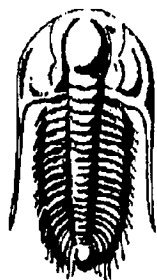
STREET
 CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

<u>3 Barlets</u>	@ <u>236.00</u>	<u>708.00</u>
<u>10 - Centralizers</u>	@ <u>34.00</u>	<u>340.00</u>
<u>Floot Plug</u>	@	<u>245.00</u>

Thanks!

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Bach Oil Production**

P.O. Box 723 Alma, NE 68920

ATTN: Bob Peterson

2/2/19w/Phillips/KS

Kats #1

Start Date: 2011.06.01 @ 10:35:00

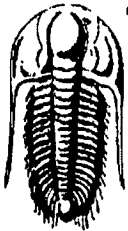
End Date: 2011.06.01 @ 17:23:15

Job Ticket #: 041117 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
P.O. Box 723 Alma, NE 68920
ATTN: Bob Peterson

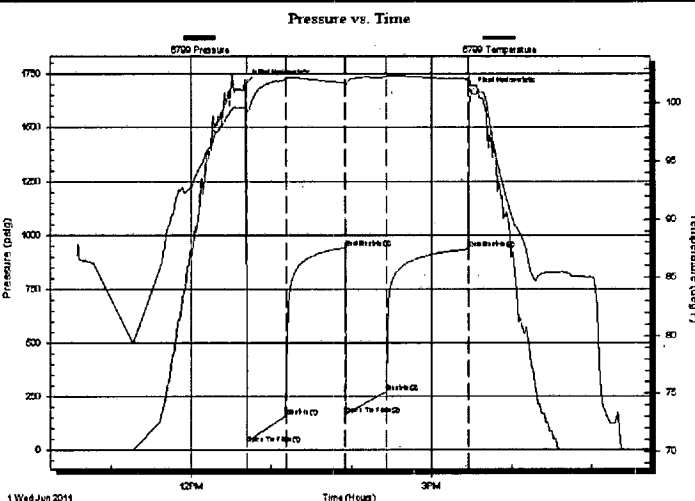
Kats #1
2/2/19w/Phillips/KS
Job Ticket: 041117 **DST#: 1**
Test Start: 2011.06.01 @ 10:35:00

GENERAL INFORMATION:

Formation: **LKC "C,D,E,F"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:41:30
Time Test Ended: 17:23:15
Interval: **3445.00 ft (KB) To 3525.00 ft (KB) (TVD)**
Total Depth: 3525.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Kevin Mack
Unit No: 43
Reference Elevations: 2235.00 ft (KB)
2230.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6799 Inside
Press@RunDepth: 269.61 psig @ 3446.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.06.01 End Date: 2011.06.01 Last Calib.: 2011.06.01
Start Time: 10:35:05 End Time: 17:23:14 Time On Btm: 2011.06.01 @ 12:41:15
Time Off Btm: 2011.06.01 @ 15:29:30

TEST COMMENT: IF: B.o.B. in 9 minutes.
IS: Weak Surface return (2 or 3 bubbles) started at 5 minutes then died
FF: B.o.B. in 10 minutes
FS: No Return



PRESSURE SUMMARY

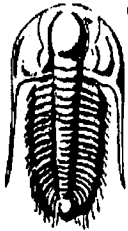
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1704.60	99.68	Initial Hydro-static
1	29.05	99.02	Open To Flow (1)
30	156.60	102.06	Shut-In(1)
74	942.10	101.79	End Shut-In(1)
75	165.00	101.47	Open To Flow (2)
105	269.61	102.26	Shut-In(2)
167	934.56	102.06	End Shut-In(2)
169	1670.97	101.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud (Heavy) 100M	0.10
414.00	MW 20M 80W	5.73
126.00	MW 40M 60W	1.77
	Show of free oil at first wet connection	

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Bach Oil Production

Kats #1

P.O. Box 723 Alma, NE 68920

2/2/19w/Phillips/KS

Job Ticket: 041117

DST#: 1

ATTN: Bob Peterson

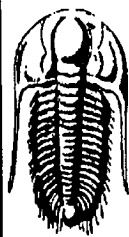
Test Start: 2011.06.01 @ 10:35:00

Tool Information

Drill Pipe:	Length: 3394.00 ft	Diameter: 3.80 inches	Volume: 47.61 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: 28.00 ft	Diameter: 2.25 inches	Volume: 0.14 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 47.75 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3445.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	80.00 ft			
Tool Length:	109.00 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			3417.00	
Shut In Tool	5.00			3422.00	
Hydraulic tool	5.00			3427.00	
Jars	5.00			3432.00	
Safety Joint	3.00			3435.00	
Packer	5.00			3440.00	29.00 Bottom Of Top Packer
Packer	5.00			3445.00	
Stubb	1.00			3446.00	
Recorder	0.00	8648	Inside	3446.00	
Recorder	0.00	6799	Inside	3446.00	
Perforations	6.00			3452.00	
Change Over Sub	1.00			3453.00	
Drill Pipe	63.00			3516.00	
Change Over Sub	1.00			3517.00	
Perforations	3.00			3520.00	
Bullnose	5.00			3525.00	80.00 Bottom Packers & Anchor
Total Tool Length:	109.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Bach Oil Production
P.O. Box 723 Alma, NE 68920
ATTN: Bob Peterson

Kats #1
2/2/19w/Phillips/KS
Job Ticket: 041117 **DST#: 1**
Test Start: 2011.06.01 @ 10:35:00

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:	35000 ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.40 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 800.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Mud (Heavy) 100M	0.098
414.00	MW 20M 80W	5.734
126.00	MW 40M 60W	1.767
	Show of free oil at first wet connection	

Total Length: 560.00 ft Total Volume: 7.599 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW .19 @ 76 deg=35000 ppm

