





1173246

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 <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  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
<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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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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 <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Bach, Jason dba Bach Oil Production
Well Name	Kats Unit 1
Doc ID	1173246

Tops

Name	Top	Datum
Stone Corral	1770	+348
Base Stone Corral	1792	+326
Topeka	3121	-1003
Heebner	3322	-1204
Toronto	3350	-1232
Lansing	3369	-1251
Muncie Creek	3483	-1365
Stark	3549	-1431
BKC	3590	-1472

# GEOLOGIST'S REPORT

## DRILLING TIME AND SAMPLE LOG

**BACH OIL PRODUCTION**

**WELL: KATS UNIT #1**

**LOC.: 1585' FSL & 1400' FWL  
SEC. 10-1-19W  
PHILLIPS COUNTY, KANSAS  
API: 15-147-20717-00-00**

**DRILLING CONTR.: MURFIN RIG #24  
SPUD: 08-27-13 COMP: 08-30-13  
MUD UP: 2800' TYPE MUD: CHEM.  
DRILL TIME: 3000 to' RTD  
RTD: 3630' LTD:3628 '  
SAMPLES SAVED: 3000'-RTD  
GEOLOGIST: ROBERT J. PETERSEN**

**ELEVATION**

KB: 2118  
GL: 2113  
LOG MEASURED  
FROM: KB

**SURFACE CASING**

20# 8 5/8 "  
Casing set @ 222  
w/175 SX

**PRODUCTION CASING**

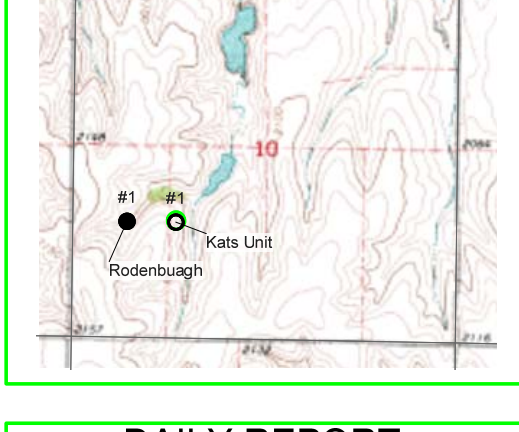
5 1/2" Casing set

**WELL LOG SURVEYS**

DIL/CDL/MICRO

**ELECTRIC LOG TOPS**

FORMATION	DEPTH	DATUM	POS.
Stone Corral	1770	+348	+3
Base Stone Corral	1792	+326	+5
Topeka	3121	-1003	+8
Heebner	3322	-1204	+8
Toronto	3350	-1232	+8
Lansing	3369	-1251	+8
Muncie Creek	3483	-1365	+5
Stark	3549	-1431	+7
BKC	3590	-1472	+8



**REFERENCE WELL:**

Bach Oil Prod.  
Rodenbaugh #1  
1585' FSL & 733' FWL  
10-1-19W

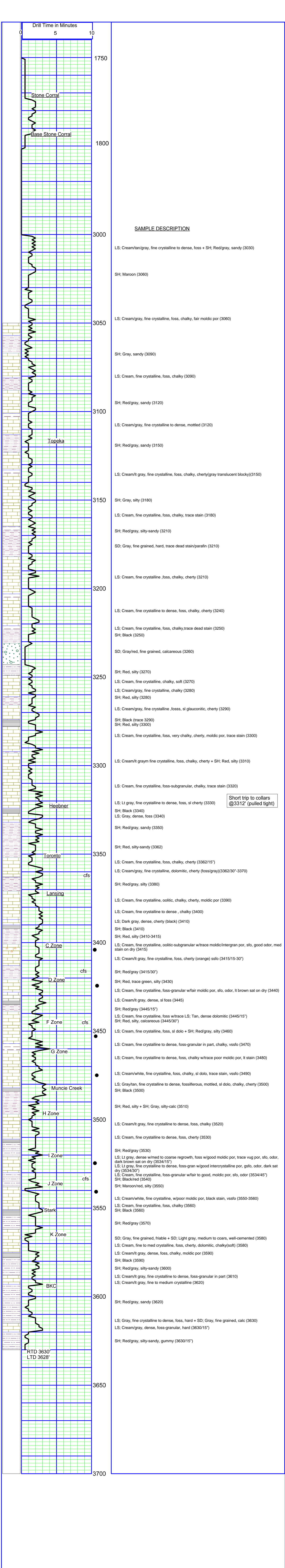
**REMARKS AND RECOMMENDATIONS**

Pipe was run to further test this well.

*Robert J. Petersen*

**DAILY REPORT  
@7:00 A.M.**

08-26-13 MIRU  
08-27-13 SPUD/SET SURF.  
Drilled out from surface  
@10:45 PM  
08-28-13 1280' Drilling  
08-29-13 2930' Drilling  
08-30-13 3540' Drilling





PO Box 93999  
Southlake, TX 76092

Voice: (817) 546-7282  
Fax: (817) 246-3361

# INVOICE

Invoice Number: 138267  
Invoice Date: Aug 27, 2013  
Page: 1

**Bill To:**

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

Now Includes:



Customer ID	Field Ticket #	Payment Terms	
Bach	54776	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Russell	Aug 27, 2013	9/26/13

Quantity	Item	Description	Unit Price	Amount
		Kats Unit #1		
175.00	CEMENT MATERIALS	Class A Common	17.90	3,132.50
3.00	CEMENT MATERIALS	Gel	23.40	70.20
6.00	CEMENT MATERIALS	Chloride	64.00	384.00
188.51	CEMENT SERVICE	Cubic Feet	2.48	467.51
430.75	CEMENT SERVICE	Ton Mileage	2.60	1,119.95
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
50.00	CEMENT SERVICE	Pump Truck Mileage	7.70	385.00
50.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	220.00
1.00	CEMENT SUPERVISOR	Robert Yakubovich		
1.00	EQUIPMENT OPERATOR	Woody O'Neil		
1.00	OPERATOR ASSISTANT	Joe Goodson		

Subtotal	7,291.41
Sales Tax	238.52
Total Invoice Amount	7,529.93
Payment/Credit Applied	
<b>TOTAL</b>	<b>7,529.93</b>

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

\$ 1,822.85

ONLY IF PAID ON OR BEFORE

Sep 21, 2013

# ALLIED OIL & GAS SERVICES, LLC 054776

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Russell KS

DATE <u>8-27-13</u>	SEC. <u>10</u>	TWP. <u>1</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>2:30 pm</u>	JOB FINISH <u>3:00 pm</u>	
LEASE <u>Kats Unit</u>			WELL# <u>1</u>	LOCATION <u>Phillipsburg KS N to 3834W</u>		COUNTY <u>Phillips</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <input checked="" type="checkbox"/> OLD			<u>2.5 3/4W N into</u>					

CONTRACTOR Martin 24 OWNER \_\_\_\_\_

TYPE OF JOB surface

HOLE SIZE 12 1/4 T.D. 222

CASING SIZE 8 5/8 23' DEPTH 222

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT 15

CEMENT LEFT IN CSG. 15

PERFS. \_\_\_\_\_

DISPLACEMENT 13 bbl

CEMENT AMOUNT ORDERED 175 com 39cc 29cc = 1

EQUIPMENT

PUMP TRUCK CEMENTER Robert Y

# 417 HELPER Woody O

BULK TRUCK

# 450 DRIVER Joe G

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON	<u>175</u>	@	<u>17.90</u>	<u>3132.50</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>23.90</u>	<u>71.70</u>
CHLORIDE	<u>6</u>	@	<u>69.00</u>	<u>384.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>188.57 Cys</u>	@	<u>2.98</u>	<u>467.59</u>
MILEAGE	<u>430.75 t/m</u>	@	<u>2.60</u>	<u>1119.95</u>
				TOTAL <u>5174.16</u>

REMARKS:

ran 5 jts of 8 5/8 23' csg periodic circulation  
mix 175 com 39cc 29cc get displacc 13 bbl  
of water shut in

cement did circulate to surface

Thank you!

SERVICE

DEPTH OF JOB	<u>222</u>		
PUMP TRUCK CHARGE	<u>1512.25</u>		
EXTRA FOOTAGE	@		
MILEAGE <u>50 HVMI</u>	@	<u>7.70</u>	<u>385.00</u>
MANIFOLD	@		
<u>50 LVMI</u>	@	<u>4.40</u>	<u>220.00</u>

TOTAL 2117.25

CHARGE TO: Bach Oil

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____

TOTAL \_\_\_\_\_

To: Allied Oil & Gas Services, LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES 7291.41

PRINTED NAME DON STRECKER

SIGNATURE Don Strecker

DISCOUNT 1822.85 IF PAID IN 30 DAYS

5468.56



PO Box 93999  
Southlake, TX 76092

Voice: (817) 546-7282  
Fax: (817) 246-3361

# INVOICE

Invoice Number: 138272  
Invoice Date: Aug 30, 2013  
Page: 1

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

Now Includes:



Customer ID	Field Ticket #	Payment Terms	
Bach	54853	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-02	Russell	Aug 30, 2013	9/29/13

Quantity	Item	Description	Unit Price	Amount
		Kats #1		
90.00	CEMENT MATERIALS	Class A Common	17.90	1,611.00
60.00	CEMENT MATERIALS	Pozmix	9.35	561.00
3.00	CEMENT MATERIALS	Gel	23.40	70.20
3.00	CEMENT MATERIALS	Chloride	64.00	192.00
450.00	CEMENT MATERIALS	AMD	25.90	11,655.00
16.00	CEMENT MATERIALS	Salt	26.35	421.60
2,250.00	CEMENT MATERIALS	Gilsonite	0.98	2,205.00
735.26	CEMENT SERVICE	Cubic Feet	2.48	1,823.43
1,588.00	CEMENT SERVICE	Ton Mileage	2.60	4,128.80
1.00	CEMENT SERVICE	Long String	2,558.75	2,558.75
50.00	CEMENT SERVICE	Pump Truck Mileage	7.70	385.00
50.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	220.00
1.00	EQUIPMENT SALES	5-1/2 Float Shoe	339.30	339.30
1.00	EQUIPMENT SALES	5-1/2 Latch Down	398.75	398.75
10.00	EQUIPMENT SALES	5-1/2 Centralizer	28.40	284.00
6.00	EQUIPMENT SALES	5-1/2 Basket	159.40	956.40
1.00	CEMENT SUPERVISOR	Tony Pfannenstiel		
1.00	EQUIPMENT OPERATOR	Nathan Donner		
1.00	OPERATOR ASSISTANT	Danny Sinner		
1.00	CEMENT SUPERVISOR	Lucas Wisner		

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

\$ 7,749.53

ONLY IF PAID ON OR BEFORE  
Sep 24, 2013

Subtotal	27,810.23
Sales Tax	1,243.17
Total Invoice Amount	29,053.40
Payment/Credit Applied	
<b>TOTAL</b>	<b>29,053.40</b>

