



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1106258  
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: \_\_\_\_\_



1106258

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](mailto: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:  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

<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	Christensen 1
Doc ID	1106258

Tops

Name	Top	Datum
Stone Corral	1688	+366
Base Stone Corral	1710	+344
Topeka	3056	-1002
Heebner	3257	-1203
Toronto	3286	-1232
Lansing	3305	-1251
Muncie Creek	3413	-1359
Stark	3479	-1425
Base Kansas City	3522	-1468

# GEOLOGIST'S REPORT

## DRILLING TIME AND SAMPLE LOG

**BACH OIL PRODUCTION**

**WELL: CHRISTENSEN #1**

**LOC.: 1400' FNL & 1010' FEL**

**SEC. 12-1-19W**

**PHILLIPS COUNTY, KANSAS**

**API: 15-147-20698-00-00**

**ELEVATION**

KB: 2054  
GL: 2049  
LOG MEASURED FROM: KB

**SURFACE CASING**

20# 8 5/8 " Casing set @ 210' w/170 SX

**PRODUCTION CASING**

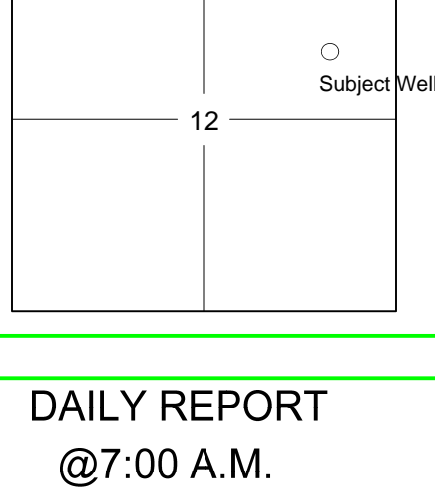
D & A

**WELL LOG SURVEYS**

DIL/CDL

**ELECTRIC LOG TOPS**

FORMATION	DEPTH	DATUM	REF
Stone Corral	1688	+366	+2
Base Stone Corral	1710	+344	-2
Topeka	3056	-1002	-9
Heebner	3257	-1203	-11
Toronto	3286	-1232	-10
Lansing	3305	-1251	-11
Muncie Creek	3413	-1359	-8
Stark	3479	-1425	-8
Base Kansas City	3522	-1468	-10



**REFERENCE WELL:**

Bach  
Charles Unit #1  
193' FNL & 2126' FEL  
7-1-18W

**REMARKS AND RECOMMENDATIONS**

Due to structural position this test was plugged.

Respectfully submitted,

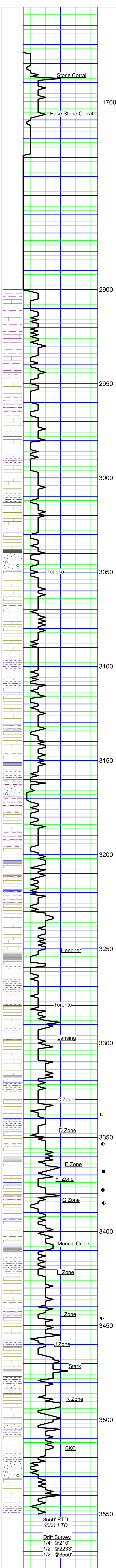
*Robert J. Petersen*

Robert J. Petersen

**DAILY REPORT**

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

11-13-12 MIRU/SPUD  
11-14-12 470' Drilling  
11-15-12 2330' Drilling  
11-16-12 3220' Drilling  
11-17-12 3550' TOH for Log



**SAMPLE DESCRIPTION**

LS: Cream/tan/gray, dense, foss + SH; Gray (2950)

SH: Gray (2960)

LS: Cream, dense, chalky (2960-2970)

SD: Tan/brown (trace 2970)

LS: Cream/white, fine crystalline to dense, foss, chalky (2980)

SH: Gray (2990)

LS: Tan/gray, dense, blocky, sl foss (2990-3000)

SH: Gray (3000)

SH: Red/gray, sandy (3010)

LS: Cream/gray, dense, foss, sl chalky, trace stain (3020)

SH: Gray/dark gray, silty (3030)

LS: Cream/gray, fine crystalline, foss, chalky (3040)

SH: Red/gray (3050)

SH: Dark gray (3060)

LS: Gray/dark gray mottled, dense, foss (3060)

SH: Gray (3070)

LS: Cream/lt gray, fine crystalline to dense, foss, (3060)

SH: Gray (3070)

LS: Cream/lt gray, fine crystalline to dense, foss, granular in part, chalky (3080)

LS: Cream/gray, fine crystalline, foss, granular-brecc, cherty (gray-foss-ang) (3090)

LS: Cream/tan, fine crystalline, foss, chalky, trace stain + SH; Dark gray (3100-3110)

LS: Cream/gray/tan, fine crystalline, foss. Chalky + SH; Red/gray (3120)

SH: Red/gray, silty-sandy (3130)

LS: Gray, fine crystalline, chalky (3130)

LS: Cream, fine to med crystalline, foss, chalky, cherty (3140)

SH: Red/gray (3150)

LS: Cream/gray, fine crystalline, foss w/chert inclusions, chalky (3150)

LS: Cream, fine crystalline, fossm chalk y (3160-3170)

SH: Black (3180)

SD: Tan/gray, fine grained, calc (3190)

SH: Red/gray, silty (3200)

LS: Cream, fine crystalline, foss, chalky (3200)

SH: Black (3220)

LS: Cream/tan, fine crystalline, foss, granular, cherty (3220)

LS: Cream/gray, fine crystalline to dense, sl foss, chalky + SH; Red (3230)

SH: Red/gray (3240)

LS: Cream/ltgray, fine crystalline, foss, sl dolo, chalky (3240)

LS: Cream/gray, fine crystalline to dense (3250)

Cherty (3260-3270)

SH: Black (3270)

LS: Gray, fine crystalline, to dense, sl foss, hard (3280)

SH: Red (3280)

SH: Red, silty w/calc nods (3290)

LS: Cream/white, fine crystalline, chalky, sl cherty (orange) (3295)

LS: Lt gray, fine crystalline to dense, sl dolo, cherty (3300)

SH: Red, silty-sandy (3310)

LS: Cream, fine crystalline, foss-granular chalky-soft (3315)

LS: Lt gray, fine crystalline to dense, foss, chalky, sl dolo (3320-3330)

SH: Black (3330)

LS: Gray, fine crystalline to dense, foss (3330)

SH: Red (3335)

SH: Red/gray + LS: Gray, dense + SD; Gray, fine grained, friable to well cem (3340)

LS: Cream, fine crystalline, foss, sl chalky (flood 3340)

LS: Cream, lt gray, fine crystalline to dense, foss, cherty trace moldic por, vssfo (45/15")

SH: Red (3350)

LS: Cream/gray, fine to medium crystalline, foss, granular w/trace poor moldic por, sfo (3360)

LS: Cream, fine crystalline foss, chalky-cherty (3370)

SH: Black (trace 3370/incr 72/20")

SH: Red (3372/20")

LS: Cream, fine crystalline, foss-granular w/moldic por, sfo, dor, (72/20") increase granular w/inter-gran por, increase sfo, odor, sat on dry (72/40")

SH: Red/gray (3372/40")

LS: Cream/lt gray, fine to med crystalline, foss w/intergran/intercrystalline por, chalky-cherty, sfo, odor, med to dark sat on dry (3380-90)

LS: Cream, fine crystalline, foss, chalky, trace moldic por, sfo, stain (3400)

LS: Cream, fine crystalline, foss-granular w/fair inter-gran por + LS; Tan, dense (3410)

LS: Cream, fine crystalline to dense, chalky (3420)

SH: Black (3420)

SH: Red/gray, silty-sandy (3430)

SH: Maroon/gray, silty (3440)

LS: Cream/lt gray, fine crystalline to dense, sl dolo, chalky (3440)

LS: Cream/tan, fine crystalline, chalky, trace moldic por, trace stain (3450)

SH: Black (3450)

SH: Maroon/gray, silty (3460)

LS: Cream, fine crystalline to dense, foss-granular w/fair intergran & moldic por, sfo (3460-70)

SH: Maroon/gray (3470)

LS: Cream, fine crystalline to dense, foss, trace moldic por, sso (3476/20")

SH: Black (trace 3476/40" increase 60")

SH: Red/gray, sandy (3490)

SH: Maroon/gray (3500)

LS: Cream, fine crystalline, chalky, sl dolo (3500-3510)

SH: Black (3520)

SH: Red/gray, silty-sandy (3520)

LS: Cream/lt gray, fine crystalline, w/trace yellow min stain (3520-30)

LS: Cream, fine crystalline, ool-gran, hard (3540)

SH: Red/gray, silty trace SD; Clear-coarse, subrounded (3540)

SH: Red/brown, sandy + SD; Gray, fine grained, friable (3550)

LS: Cream, fine crystalline, foss, chalky (3550)

LS: Cream, fine crystalline, foss-granular, hard (3550/15")

SH: Dark gray + SH; Red/gray, silty (3550/15")

Short trip @3242' to collars Strap 1.76 STB

Sample tops are approximately 5 to 6 feet high to E-log tops.



PO Box 93999  
Southlake, TX 76092

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

# INVOICE

Invoice Number: 133558  
Invoice Date: Nov 13, 2012  
Page: 1



**Bill To:**

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

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Bach	Christensen #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Russell	Nov 13, 2012	12/13/12

Quantity	Item	Description	Unit Price	Amount
170.00	MAT	Class A Common	17.90	3,043.00
3.00	MAT	Gel	23.40	70.20
6.00	MAT	Chloride	64.00	384.00
183.51	SER	Cubic Feet	2.48	455.10
687.16	SER	Ton Mileage	2.60	1,786.62
1.00	SER	Surface	1,512.25	1,512.25
82.00	SER	Pump Truck Mileage	7.70	631.40
82.00	SER	Light Vehicle Mileage	4.40	360.80
1.00	EQUIP OPER	Tony Pfannenstiel		
1.00	CEMENTER	Glenn Ginther		
1.00	OPER ASSIST	Kevin Rupp		
1.00	OPER ASSIST	Walter Keith		

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

\$ 2184.49

ONLY IF PAID ON OR BEFORE

Dec 8, 2012

Subtotal	8,243.37
Sales Tax	237.81
Total Invoice Amount	8,481.18
Payment/Credit Applied	
<b>TOTAL</b>	<b>8,481.18</b>







PO Box 93999  
Southlake, TX 76092

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

# INVOICE

Invoice Number: 133678  
Invoice Date: Nov 18, 2012  
Page: 1



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

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Bach	Christensen #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-03	Russell	Nov 18, 2012	12/18/12

Quantity	Item	Description	Unit Price	Amount
132.00	MAT	Class A Common	17.90	2,362.80
88.00	MAT	Pozmix	9.35	822.80
8.00	MAT	Gel	23.40	187.20
50.00	MAT	Flo Seal	2.97	148.50
236.67	SER	Cubic Feet	2.48	586.93
810.57	SER	Ton Mileage	2.60	2,107.48
1.00	SER	Plug to Abandon	2,249.84	2,249.84
82.00	SER	Pump Truck Mileage	7.70	631.40
82.00	SER	Light Vehicle Mileage	4.40	360.80
1.00	EQP	8.5/8 Wooden Plug	107.64	107.64
1.00	EQUIP OPER	Robert Yakubovich		
1.00	CEMENTER	Glenn Ginther		
1.00	EQUIP OPER	Woody O'Neil		
1.00	OPER ASSIST	Kerry Tawater		

Subtotal	9,565.39
Sales Tax	650.45
Total Invoice Amount	10,215.84
Payment/Credit Applied	
<b>TOTAL</b>	<b>10,215.84</b>

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

\$ 3300.06

ONLY IF PAID ON OR BEFORE  
Dec 13, 2012





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  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

March 04, 2013

Jason Bach  
Bach, Jason dba Bach Oil Production  
PO BOX 723  
ALMA, NE 68920-0723

Re: ACO1  
API 15-147-20698-00-00  
Christensen 1  
NE/4 Sec.12-01S-19W  
Phillips 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,  
Jason Bach