



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1140698
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: _____



1140698

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: 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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Bach, Jason dba Bach Oil Production
Well Name	Tharman Unit 1
Doc ID	1140698

Tops

Name	Top	Datum
Stone Corral	1884	+379
Base Stone Corral	1887	+376
Topeka	3231	-968
Heebner	3437	-1174
Toronto	3467	-1204
Lansing	3483	-1220
Stark	3660	-1397
Base Kansas City	3699	-1436

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

BACH OIL PRODUCTION
WELL: THARMAN UNIT#1
 LOC.: 280' FNL & 400' FWL
 SEC. 9-2-19W
 PHILLIPS COUNTY, KANSAS
 API: 15-147-20703-00-00

ELEVATION
 KB: 2263
 GL: 2258
 LOG MEASURED
 FROM: KB

SURFACE CASING

8 5/8 " Casing set @ 248
 w/175 SX

PRODUCTION CASING

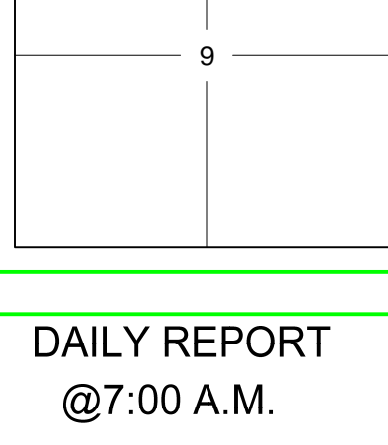
5 1/2"
 Casing set

WELL LOG SURVEYS

Compensated Density
 Dual Induction
 Micro

ELECTRIC LOG TOPS

FORMATION	DEPTH	DATUM	POSITION
Stone Corral	1884	+379	-18
Base Stone Corral	1887	+376	-3
Topeka	3231	-968	-4
Heebner	3437	-1174	-2
Toronto	3467	-1204	-4
Lansing	3483	-1220	-3
Stark	3660	-1397	-7
Base Kansas City	3699	-1436	-3



REFERENCE WELL:

Bach
 Delimont #1
 W/2 E/2 E/2 NE
 8-2S-19W

REMARKS AND RECOMMENDATIONS

Production casing has been run to further test this well.

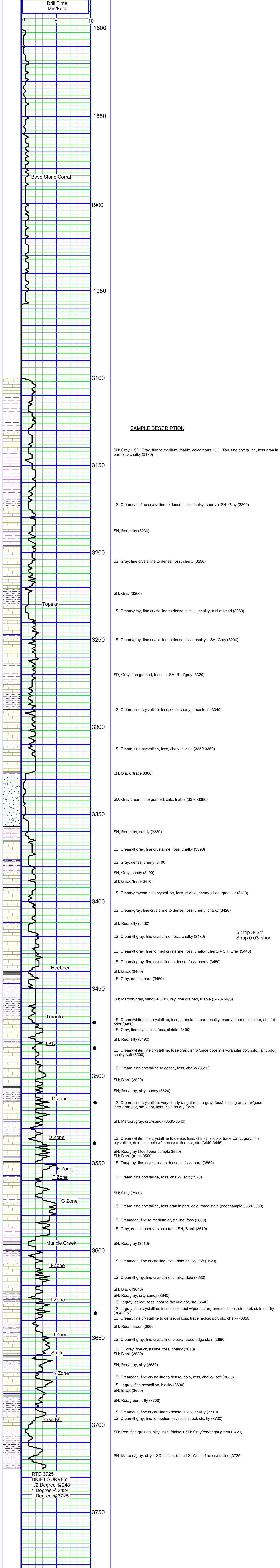
Respectfully submitted,

Robert J. Petersen
 Robert J. Petersen

DAILY REPORT

@7:00 A.M.

02-19-13 MIRU/SPUD
 02-20-13 700'
 (Shut-down for weather)
 02-23-13 Start up
 02-24-13 2400'
 02-25-13 3424' Bit trip
 02-26-13 3725' Logging



PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 134945
Invoice Date: Feb 19, 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	54156	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Russell	Feb 19, 2013	3/21/13

Quantity	Item	Description	Unit Price	Amount
175.00	MAT	Class A Common	17.90	3,132.50
6.00	MAT	Chloride	64.00	384.00
183.51	SER	Cubic Feet	2.48	455.11
668.74	SER	Ton Mileage	2.60	1,738.71
1.00	SER	Surface	1,512.25	1,512.25
79.00	SER	Pump Truck Mileage	7.70	608.30
79.00	SER	Light Vehicle Mileage	4.40	347.60
1.00	CEMENTER	Tony Pfannenstiel		
1.00	EQUIP OPER	Kevin Rupp		
1.00	OPER ASSIST	Joe Goodson		

Tharman

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

\$ 2,167.30

ONLY IF PAID ON OR BEFORE
Mar 16, 2013

Subtotal	8,178.47
Sales Tax	239.12
Total Invoice Amount	8,417.59
Payment/Credit Applied	
TOTAL	8,417.59



PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 135027
Invoice Date: Feb 26, 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	54159	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-02	Russell	Feb 26, 2013	3/28/13

Quantity	Item	Description	Unit Price	Amount
		Tharman Unit #1		
90.00	MAT	Class A Common	17.90	1,611.00
60.00	MAT	Pozmix	9.35	561.00
3.00	MAT	Gel	23.40	70.20
3.00	MAT	Chloride	64.00	192.00
450.00	MAT	AMD	25.90	11,655.00
2,250.00	MAT	Gilsonite	0.98	2,205.00
16.00	MAT	Salt	26.35	421.60
735.26	SER	Cubic Feet	2.48	1,823.44
2,509.04	SER	Ton Mileage	2.60	6,523.50
1.00	SER	Long String	2,558.75	2,558.75
79.00	SER	Pump Truck Mileage	7.70	608.30
79.00	SER	Light Vehicle Mileage	4.40	347.60
1.00	EQP	5.5 Latch Down	324.09	324.09
5.00	EQP	5.5 Basket	394.29	1,971.45
10.00	EQP	5.5 Centralizer	57.33	573.30
1.00	EQP	5.5 Float Shoe	408.33	408.33
1.00	CEMENTER	Tony Pfannenstiel		
1.00	CEMENTER	Glenn Ginther		
1.00	CEMENTER	Bobby Smith		
1.00	EQUIP OPER	Woody O'Neil		

Subtotal	Continued
Sales Tax	Continued
Total Invoice Amount	Continued
Payment/Credit Applied	
TOTAL	Continued

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

\$ 9,588.22

ONLY IF PAID ON OR BEFORE
Mar 23, 2013

PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 135027
Invoice Date: Feb 26, 2013
Page: 2

Bill To:

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

Now Includes:



Customer ID	Field Ticket #	Payment Terms	
Bach	54159	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-02	Russell	Feb 26, 2013	3/28/13

Quantity	Item	Description	Unit Price	Amount
1.00	OPER ASSIST	Nathan Donner		
1.00	OPER ASSIST	Danny Sinner		

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

\$ 9,588.22

ONLY IF PAID ON OR BEFORE
Mar 23, 2013

Subtotal	31,854.56
Sales Tax	1,359.52
Total Invoice Amount	33,214.08
Payment/Credit Applied	
TOTAL	33,214.08

ALLIED OIL & GAS SERVICES, LLC 054159

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Russell

DATE <u>2-24-13</u>	SEC <u>9</u>	TWP <u>2</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>11</u>	JOB FINISH	
LEASE <u>Thorman</u>	WELL # <u>1</u>	LOCATION <u>Phillipsburg K</u>			COUNTY <u>Phillips</u>	STATE <u>Ks</u>		
OLD OR NEW (Circle one)		N to Hunter rd W to rd 500 3 W S into						

CONTRACTOR Murphy #8

TYPE OF JOB Production / LS

HOLE SIZE 7 7/8 T.D.

CASING SIZE 5 1/2 DEPTH 3725.35'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PREL. MAX MINIMUM

MEAS. LINE SHOE JOINT 21.55'

CEMENT LEFT IN CSG. 21.55'

PERFS.

DISPLACEMENT 85.92 bbl / 420

OWNER

CEMENT

AMOUNT ORDERED 450 sk AMD + 15# oil / 150 sk 60/40 2:1 gel 10% salt 2:1 cc

COMMON 90 sk @ 17.90 \$1,611.00

POZMIX 100 sk @ 9.35 \$935.00

GEL 35 sk @ 23.4 \$819.00

CHLORIDE 35 sk @ 4.4 \$154.00

ASC AMD - Blend @ 25.90 \$1,155.00

Gilsonite 2250 @ .98 \$2,205.00

SALT 16 @ 26.35 421.60

HANDLING 735.26 PZ @ 2.48 \$1,823.44

MILEAGE 2507.04 @ 2.60 \$6,523.50

TOTAL \$25,062.74

EQUIPMENT

Bob S + Glenn G.

PUMP TRUCK CEMENTER Tony P.

417 HELPER Woody O.

BULK TRUCK

481 DRIVER Nathan D.

BULK TRUCK

473 DRIVER DANNY S.

REMARKS:

~~* Circuits moved to Surface!~~

~~* Dropped Ball -~~

~~* 1/2 day RATHER @ 30 sk - 11 sk~~

~~* Filled Mouse hole @ 15 sk - 5 sk~~

~~* Ran Leg cement @ 450 sk~~

~~* 125 bbl~~

~~* Ran Fil cement @ 150 sk -~~

~~* 20.35 sk~~

~~* AD is 86 bbl lost @ 2000 PSI circulated cement to surface!~~

CHARGE TO: BACH Oil 4 Months

SERVICE

DEPTH OF JOB 3725.35'

PUMP TRUCK CHARGE \$2,558.75

EXTRA FOOTAGE @

MILEAGE Heavy 79m @ 7.7 \$6,608.30

MANIFOLD Light 79m @ 4.4 \$3,476.00

TOTAL \$3,514.65

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

1x Latch Down 5 1/2 @ - \$324.09

TRASK # 5 @ 394.27 \$1,971.45

Contra Lizer # 10 @ 57.33 \$573.30

1x Float Shoe @ - \$408.33

TOTAL \$3,277.17

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.

PRINTED NAME _____

SIGNATURE Paul Hubbard

SALES TAX (If Any) 1359.52

TOTAL CHARGES \$31,854.56

DISCOUNT \$9,588.22 IF PAID IN 30 DAYS

before tax 85 2-27

Net 22,266.34

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

June 10, 2013

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

Re: ACO1
API 15-147-20703-00-00
Tharman Unit 1
NW/4 Sec.09-02S-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