

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1106038

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 #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R
Address 2:	Feet from
City: State: Zip:+	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:
□ Oil □ WSW □ SHOW □ 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:	Producing Formation: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
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 #:	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:
☐ ENHR Permit #: ☐ GSW Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	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:				

Page Two



Operator Name:				Lease N	Name: _			Well #:		
Sec Twp	S. R	East	West	County	:					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in pres o surface test, along	sures, whethe with final cha	er shut-in pre art(s). Attach	essure reac n extra shee	hed stati t if more	c level, hydrosta space is neede	itic pressures, bot d.	tom hole temp	erature, fluid re	ecovery,
Final Radioactivity Lo files must be submitte						ogs must be ema	ailed to kcc-well-lo	gs@kcc.ks.go	v. Digital electr	ronic log
Drill Stem Tests Taker (Attach Additional		Yes	☐ No				on (Top), Depth ar		Sampl	
Samples Sent to Geo	logical Survey	Yes	□No		Nam	е		Тор	Datum	1
Cores Taken Electric Log Run		☐ Yes ☐ Yes	☐ No ☐ No							
List All E. Logs Run:										
				RECORD	Ne					
		1				ermediate, product		T	I	
Purpose of String	Size Hole Drilled		Casing n O.D.)	Weig Lbs. /		Setting Depth	Type of Cement	# Sacks Used	Type and Pe Additive	
			ADDITIONAL	CEMENTIN	NG / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Type of	Cement	# Sacks	Used		Type and F	ercent Additives		
Perforate Protect Casing	100 20111111									
Plug Back TD Plug Off Zone										
1 lug 0 li 20 lio										
Did you perform a hydrau	ulic fracturing treatment	on this well?				Yes	No (If No, ski	ip questions 2 ar	nd 3)	
Does the volume of the t							= :	p question 3)		
Was the hydraulic fractur	ring treatment information	on submitted to	the chemical	disclosure re	gistry?	Yes	No (If No, fill	out Page Three	of the ACO-1)	
Shots Per Foot		ION RECORD Footage of Eac					cture, Shot, Cement			epth
	open,					,,				
TUBING RECORD:	Size:	Set At:		Packer A	t:	Liner Run:				
							Yes No			
Date of First, Resumed	Production, SWD or Ef	NHR. F	Producing Met	hod: Pumpin	a	Gas Lift 0	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat			Gas-Oil Ratio	Gra	avity
	1									
	ON OF GAS:		en Hole	METHOD OF			mmingled	PRODUCTION	ON INTERVAL:	ļ
Vented Solo	I Used on Lease bmit ACO-18.)		en noie _	Perf.	(Submit		mmingled mit ACO-4)			

Form	ACO1 - Well Completion
Operator	Bach, Jason dba Bach Oil Production
Well Name	Knape 2
Doc ID	1106038

Tops

Name	Тор	Datum
Stone Corral	1759	+393
Base Stone Corral	1782	+370
Topeka	3119	-967
Heebner	3326	-1174
Toronto	3357	-1205
Lansing	3375	-1223
Muncie Creek	3485	-1333
Stark	3551	-1399
BKC	3594	-1442

18-1s-18w Phillips,KS

Bach Oil Productions



DRILL STEM TEST REPORT

Prepared For: Bach Oil Productions

PO Box 723 Alma NE 68920-0723

ATTN: Bob Peterson

Knape #2

18-1s-18w Phillips,KS

Start Date: 2012.09.27 @ 23:53:00 End Date: 2012.09.28 @ 07:01:00 Job Ticket #: 49317 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.10.01 @ 16:28:58



Bach Oil Productions

18-1s-18w Phillips,KS

PO Box 723

Alma NE 68920-0723

ATTN: Bob Peterson

Knape #2

Unit No:

Job Ticket: 49317

39

Test Start: 2012.09.27 @ 23:53:00

GENERAL INFORMATION:

LKC " D-F " Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:44:00 Time Test Ended: 07:01:00

Interval: 3386.00 ft (KB) To 3456.00 ft (KB) (TVD)

Total Depth: 3456.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair Hole Diameter:

Outside

Test Type: Conventional Bottom Hole (Initial) Tester: Jim Svaty

8000.00 psig

2012.09.28

DST#: 1

Reference Elevations: 2151.00 ft (KB) 2147.00 ft (CF)

> KB to GR/CF: 4.00 ft

Serial #: 8372

Start Time:

3390.00 ft (KB) 205.96 psig @

Press@RunDepth: Start Date: 2012.09.27 End Date: 23:53:05

Capacity: 2012.09.28 Last Calib.: 07:00:40 Time On Btm: 2012.09.28 @ 01:43:50

Time Off Btm: 2012.09.28 @ 04:44:30

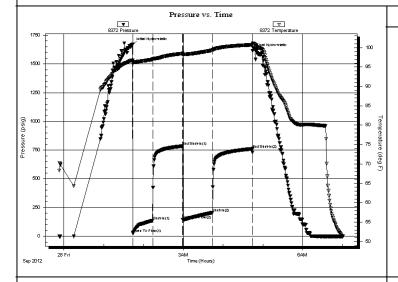
TEST COMMENT: 30-IFP- BOB in 22 min

45-ISIP- Weak Surface Blow in 30 min Died Back in 17 min

End Time:

45-FFP- Surface Blow Building to 9" in 30 min

60-FSIP- Weak Surface Blow in 2 min Died Back in 20 min



PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1667.95	96.74	Initial Hydro-static
1	25.23	95.89	Open To Flow (1)
30	136.55	96.94	Shut-In(1)
75	784.41	98.45	End Shut-In(1)
76	144.76	98.18	Open To Flow (2)
120	205.96	99.32	Shut-In(2)
181	761.23	100.71	End Shut-In(2)
181	1615.54	101.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
177.00	MCW 15%m 85%w	0.87
62.00	O&WCM 5%o 35%w 60%m	0.87
31.00	OCM 5%o 95%m	0.43
93.00	OCM 45%o 55%m	1.30
55.00	GCO 10g 90%o	0.77

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Trilobite Testing, Inc. Ref. No: 49317 Printed: 2012.10.01 @ 16:28:59



Bach Oil Productions

18-1s-18w Phillips,KS

PO Box 723

Alma NE 68920-0723

ATTN: Bob Peterson

Knape #2

Job Ticket: 49317

DST#:1

Test Start: 2012.09.27 @ 23:53:00

GENERAL INFORMATION:

Formation: LKC " D-F "

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:44:00 Time Test Ended: 07:01:00

Interval: 3386.00 ft (KB) To 3456.00 ft (KB) (TVD)

Total Depth: 3456.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)
Tester: Jim Svaty

Unit No: 39

Reference Elevations: 2151.00 ft (KB)

2147.00 ft (CF) KB to GR/CF: 4.00 ft

Serial #: 8017

Start Date:

Start Time:

Inside

23:53:05

Press@RunDepth: psig @

2012.09.27 End Date:

3390.00 ft (KB)

2012.09.28

07:00:10

Capacity: Last Calib.: 8000.00 psig

2012.09.28

Last Galib..

Time On Btm:

Time Off Btm:

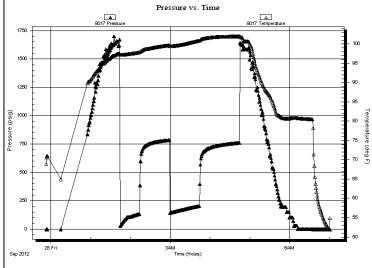
TEST COMMENT: 30-IFP- BOB in 22 min

45-ISIP- Weak Surface Blow in 30 min Died Back in 17 min

End Time:

45-FFP- Surface Blow Building to 9" in 30 min

60-FSIP- Weak Surface Blow in 2 min Died Back in 20 min



PRESSURE SUMMARY

	Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
	(14411.)	(psig)	(dog i)	
, ,				
,				

Recovery

Length (ft)	Description	Volume (bbl)
177.00	MCW 15%m 85%w	0.87
62.00	O&WCM 5%o 35%w 60%m	0.87
31.00	OCM 5%o 95%m	0.43
93.00	OCM 45%o 55%m	1.30
55.00	GCO 10g 90%o	0.77

Gas Rates

Choke (inches	Pressure (psig)	Gas Rate (Mcf/d)
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Trilobite Testing, Inc Ref. No: 49317 Printed: 2012.10.01 @ 16:28:59



TOOL DIAGRAM

Bach Oil Productions

18-1s-18w Phillips,KS

PO Box 723

Alma NE 68920-0723

Knape #2

Job Ticket: 49317

DST#: 1

ATTN: Bob Peterson

Test Start: 2012.09.27 @ 23:53:00

Tool Information

Drill Pipe: Length: 3199.00 ft Diameter: Heavy Wt. Pipe: Length: Drill Collar: Length:

0.00 ft Diameter: 177.00 ft Diameter: 3.80 inches Volume: 2.75 inches Volume: 2.25 inches Volume:

Total Volume:

44.87 bbl 0.00 bbl 0.87 bbl

45.74 bbl

Tool Weight: 2500.00 lb Weight set on Packer: 25000.00 lb Weight to Pull Loose: 48000.00 lb

Tool Chased 0.00 ft String Weight: Initial 44000.00 lb

Final 46000.00 lb

Drill Pipe Above KB: 18.00 ft Depth to Top Packer: 3386.00 ft

Depth to Bottom Packer: ft Interval between Packers: 70.00 ft 98.00 ft

Tool Length:

Number of Packers: 2 Diameter: 6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3363.00		
Hydraulic tool	5.00			3368.00		
Jars	5.00			3373.00		
Safety Joint	3.00			3376.00		
Packer	5.00			3381.00	28.00	Bottom Of Top Packer
Packer	5.00			3386.00		
Stubb	1.00			3387.00		
Perforations	2.00			3389.00		
Change Over Sub	1.00			3390.00		
Recorder	0.00	8372	Outside	3390.00		
Recorder	0.00	8017	Inside	3390.00		
Blank Spacing	62.00			3452.00		
Change Over Sub	1.00			3453.00		
Bullnose	3.00			3456.00	70.00	Bottom Packers & Anchor

Total Tool Length: 98.00

Printed: 2012.10.01 @ 16:29:01 Trilobite Testing, Inc Ref. No: 49317



FLUID SUMMARY

Bach Oil Productions

18-1s-18w Phillips,KS

PO Box 723

Knape #2

Alma NE 68920-0723

Job Ticket: 49317

DST#: 1

ATTN: Bob Peterson

Test Start: 2012.09.27 @ 23:53:00

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil A Pl:36 deg A PlMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Mud Weight:9.00 lb/galCushion Length:ftViscosity:66.00 sec/qtCushion Volume:bbl

6.58 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 800.00 ppm Filter Cake: inches

Water Loss:

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
177.00	MCW 15%m 85%w	0.870
62.00	O&WCM 5%o 35%w 60%m	0.870
31.00	OCM 5%o 95%m	0.435
93.00	OCM 45%o 55%m	1.305
55.00	GCO 10g 90%o	0.772

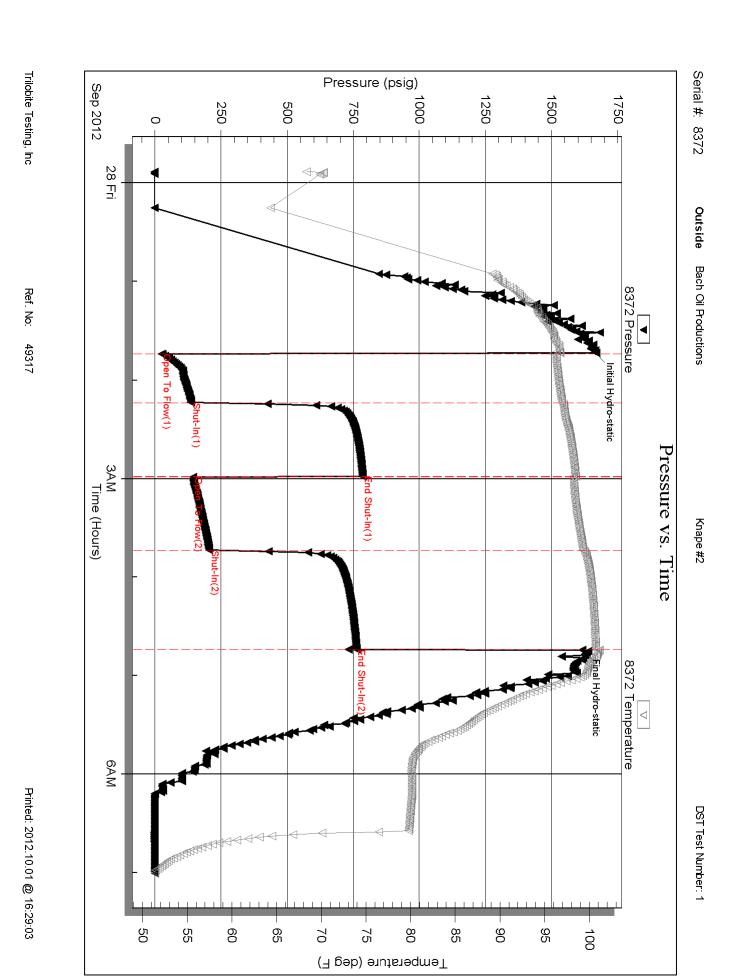
Total Length: 418.00 ft Total Volume: 4.252 bbl

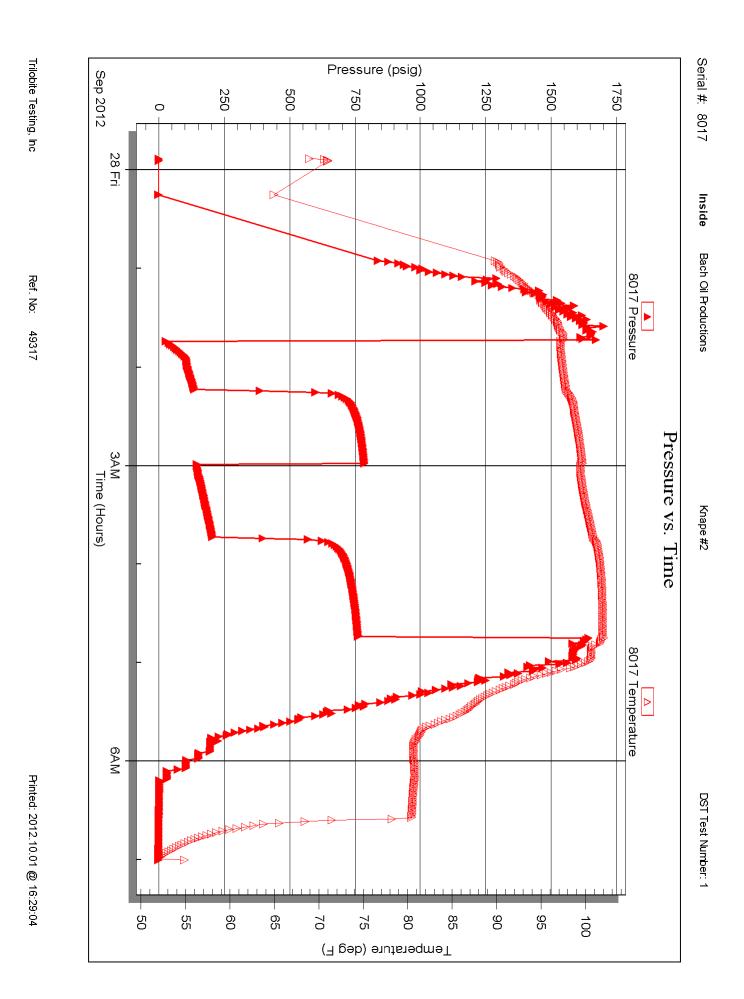
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 49317 Printed: 2012.10.01 @ 16:29:02







RILOBITE ESTING INC. P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49317

4/10				
Well Name & No. KNAPe # 2		Test No	1	Date 9-27-12
company BACh Dil Product	Hour	Elevation _	2151	кв2/47gl
Address P. O. BOX 723 Almi	+ NE. 68	920-07	123	
111	316833600	@ Rig 1/	ur FIN	#8
Location: Sec. / S Twp. / 5	_ Rge / 8 W.E	_ co Ph	illips	State #5
Interval Tested 3386 - 3456	Zone Tested	LKC 11	B-F 11	<u> </u>
Anchor Length 70	Drill Pipe Run	31,90	1	Mud Wt. 8,7
Top Packer Depth 33 8	Drill Collars Run			Vis
Bottom Packer Depth 3386	Wt. Pipe Run	0		WL 6.6
Total Depth 3456	Chlorides	800	opm System	LCM 2/2
Blow Description TFP - BOB	N 22 min			
ISIP-WOAK			min Di	ed Back in Main
FFP-Surfac	e Blow Buil		9in in 3	
	purface Blow	I'm 2mir	Died C	BACKIN 20min.
Rec / 17 Feet of MCW		%gas	%oil	85 %water 15 %muc
Rec 62 Feet of O & W CM		%gas	5 %oil	35 %water 60 %muc
Rec3/_ Feet of 0 C M		%gas	5 %oil	%water 95 %muc
Rec 93 Feet of OCM		%gas	45 %oil	%water 55 %muc
Rec 55 Feet of \$CO		∕Ø %gas	90 %oil	%water %muc
Rec Total 4/8 BHT 600	_ Gravity <u>36</u>	_ API RW		F Chloridesppn
(A) Initial Hydrostatic	Test1150		T-On L	ocation <u>23:09</u>
(B) First Initial Flow 25	Jars		T-Starr	
(C) First Final Flow	Safety Joint	5	T-Ope	
(D) Initial Shut-In 784	Circ Sub			
(E) Second Initial Flow	☐ Hourly Standby		T-Out	
(F) Second Final Flow	Mileage	71 RT	Comm	ents'
(G) Final Shut-In 76/	☐ Sampler	t 238.70		
(H) Final Hydrostatic	☐ Straddle			lined Shale Packer
2.	☐ Shale Packer			ined Packer
Initial Open 30	☐ Extra Packer		_ 110	tra Copies
Initial Shut-In 45	☐ Extra Recorder		– LA	otal
Final Flow 45	☐ Day Standby			1713.70
Final Shut-In 60	☐ Accessibility			ST Disc'y haul you
	Sub Total1713.			0 Ah
Approved By	O	ur Representative	-4	- (host)
Trilobite Testing Inc. shall not be liable for damaged of any kind of the property equipment, or its statements or opinion concerning the results of any test, too	or personnel of the one for whom	n a test is made, or for an	v loss suffered or sust	airred, directly or indirectly, through the use of its
				7856395864



PO Box 93999 Southlake, TX 76092

Voice: (

(817) 546-7282 (817) 246-3361

Bill To:

Fax:

Bach Oil Production R. R. #I Box 28

Phillipsburg, KS 67661

INVOICE

Invoice Number: 132865

Invoice Date: Sep 29, 2012

Page: 1



Customer ID	Well Name/# or Customer P.O.	Payment Terms Net 30 Days	
Bach	Knape #2		
Job Location	Camp Location	Service Date	Due Date
KS2-02	Russell	Sep 29, 2012	10/29/12

Quantity	Item	Description	Unit Price	Amount
90.00		Class A Common	17.90	1,611.00
60.00		Pozmix	9.35	561.00
3.00	At the second	Gel	23.40	70.20
3.00	MAT	Chloride	64.00	192.00
450.00		AWD	25.90	11,655.00
2,250.00		Gilsonite	0.98	2,205.00
16.00		Salt	26.35	421.60
735.26	SER	Cubic Feet	2.48	1,823.44
2,604.32		Ton Mileage	2.60	6,771.23
1.00		Production Casing	2,558.75	2,558.75
82.00		Pump Truck Mileage	7.70	631.40
82.00		Light Vehicle Mileage	4.40	360.80
1.00		5.5 AFU Float Shoe	408.33	408.33
1.00		5.5 Latch Down Plug	324.09	324.09
	EQP	5.5 Basket	394.29	1,971.45
10.00		5.5 Centralizer	57.33	573.30
1.00	CEMENTER	Dustin Chambers		
1.00	CEMENTER	Kevin Brungardt		
1.00	EQUIP OPER	Tony Pfannenstiel		
1.00	EQUIP OPER	Joel Monahan		
1.00	OPER ASSIST	Kevin Rupp		
I DDIOES AF	DENET DAVABLE	Subtotal		32,138.59

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



ONLY IF PAID ON OR BEFORE
Oct 24, 2012

Subtotal	32,138.59
Sales Tax	1,359.52
Total Invoice Amount	33,498.11
Payment/Credit Applied	
TOTAL	33,498.11

ALLIED CEMENTING CO., LLC. 042326 Federal Tax I.D.# 20-5975804

REMIT TO	P.O. BOX 31 RUSSELL, KANSAS	67665
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SERVICE POINT:

	SLL, KARSAS OF		
, ,	SECIS TOPN	RANGE	CALLED OUT ON LOCATION JOB START JOB FINISH 411:00 ALL
MILLE		1	CONTY O STATE S
LEASE KNAPE	WELL# 2	LOCATION HETC	1934.383, 2w, 1345, 83 2.02
OLD OR NEW Cit	rcle one)	NORTH TO 1	
CONTRACTOR			OWNER BACK PRODUCTION
TYPE OF JOB	VOUIL CO	IV IIII	THE PARTY AND LIFE
HOLESIZE 7	18"	D 3618	AMOUNT ORDERED
CASING SIZES		DEPTH .36.18	450 SACKS MULD +5 PPS GELSONET E
TUBING SIZE	I	DEPTH	The step
DRILL PIPE		DEPTH	GOVERNON GO @17.90 1611.00
PRES. MAX 2	neatt ,	AINIMIM OF	COMMON 20 ELION
MEAS, LINE		SHOE JOINT 20.1	6 POZIVIA 2 023 40 170,20
CEMENT LEFT II			GEL - 182.00
manufactured to the same of th		271- 120-0	CHLORIDE
DISPLACEMENT	860 2	BBCS. WATER	ASC 450 @25.90 1165600
	EQUIPME	NT	1 -15 -1575 275 PM @ -18 2205.00
	-	10.0	
PUMP TRUCK	CEMENTER	STEN CAKEN	@
# 4	HELPER 70	NY P.	@
BULK TRUCK	TORIVER JO	F1 M.	@
# 4/13 -18			@ 2 10 0012 1/8.
# 440	DRIVER KE	VTN/ K	HANDLING 735.26 62.48 1825.45 6771.23
11 610			1 EVER 1 101 37 8.E. 10
	REMAR	KS:	TOTAL 3.5,310.41
*	REMARK		
			SERVICE
0			DEPTH OF JOB 3618 1
336	TOB 606		DEPTH OF JOB 3610 2358.75 PUMP TRUCK CHARGE 2358.75
	1		
			EXTRA FOOTAGE
			EXTRA FUUTAGE
			MILEAGE AVIA 82 @ 1.70 BS1.70
			EXTRA FOOTAGE MILEAGE HVII. 82 @ 7.70 631.40 MANIFOLD 82 @ 4.40 360.30
		7	MILEAGE HVIII 82 @ 7.70 651.70 MANIFOLD 82 @ 47.40 360.80
	Back	Ropuczzo	MILEAGE HVIII 82 @ 7.70 651.70 MANIFOLD 82 @ 47.40 360.80
CHARGE TO:	BACH	RODUCTIO	MILEAGE HVIII 82 @ 7.70 651.70 MANIFOLD 82 @ 47.40 360.80
STREET F	CO. BOX	723	MILEAGE AVIA 82 @ 7.70 6.51.70 MANIFOLD 82 @ 4.40 360.80 TOTAL 3550.95
STREET F	CO. BOX	723	MILEAGE HVIII 82 @ 7.70 651.70 MANIFOLD 82 @ 47.40 360.80
CHARGE TO: STREET F. CITY ALM	CO. BOX	723	MILEAGE HVIII 82 @ 7.70 & 51.70 MANIFOLD 82 @ 4.40 360.80 TOTAL 3550.95 PLUG & FLOAT EQUIPMENT
STREET F	CO. BOX	723	MILEAGE HVIII 82 @ 7.70 & 51.70 MANIFOLD 82 @ 7.40 360.30 TOTAL 3550.95 PLUG & FLOAT EQUIPMENT
STREET F	CO. BOX	723	MILEAGE HVIII 82 @ 7.70 & 51.70 MANIFOLD 82 @ 4.40 360.80 TOTAL 3550.95 PLUG & FLOAT EQUIPMENT
STREET F.	P.O. BOX A STATE	NE ZIRES	MILEAGE HVIII 82 @ 7.70 & 51.70 MANIFOLD 82 @ 4.40 360.80 TOTAL 3550.95 PLUG & FLOAT EQUIPMENT
STREET F.	PO. BOX STATE	NE ZIPE	MILEAGE HVIII 82 @ 7.70 @ 51.70 MANIFOLD 82 @ 4.40 360.30 MOVIN 82 @ 4.40 360.30 TOTAL 3550.95 PLUG & FLOAT EQUIPMENT 5/2" 1-170 FLOAT SHOE @ 408.33 1-170 FLOAT SHOE @ 394.29 1971.45 5-BASIES @ 57.33 \$73.30
To Allied Cer	nenting Co., LLD	NE ZIP	MILEAGE HVIII 82 @ 7.70 @ 51.70 MANIFOLD 82 @ 4.40 360.30 MOVE TOTAL 3550.95 PLUG & FLOAT EQUIPMENT 5/2" 1-170 FLOAT SHOE @ 408.33 1-170 FLOAT SHOE @ 374.29 1971.45 5-BASKETS @ 57.33 573.30 poment @ 57.33 573.30
To Allied Cer You are herel	nenting Co., LL oy requested to rementer and help	NE ZIP	MILEAGE HVIII 82 @ 7.70 & 51.70 MANIFOLD 82 @ 4.40 360.30 MOVE TOTAL 3550.95 PLUG & FLOAT EQUIPMENT 5/2" 1-170 FLOAT SHOE @ 408.33 1-170 FLOAT SHOE @ 394.29 1971.45 5-BASKETS @ 57.33 \$73.30 principle of the was TOTAL 22771.17
To Allied Cer You are herel and furnish c	menting Co., LL. by requested to rementer and help do work as is listeration and super	Z. ZIP	MILEAGE HVIII 82 @ 7.70 @ 51.70 MANIFOLD 82 @ 4.40 360.30 MOVE TOTAL 3550.95 PLUG & FLOAT EQUIPMENT 5/2" 1-170 FLOAT SHOE @ 408.33 1-170 FLOAT SHOE @ 394.29 1971.45 5-BASKETS @ 57.33 573.30 poment er of rk was ent or
To Allied Cer You are herel and furnish c contractor to done to satisf	menting Co., LL. by requested to rementer and help do work as is life faction and super	Z. ZIP	MILEAGE HVIII 82 @ 7.70 @ 31.70 MANIFOLD 82 @ 7.40 360.30 MOVING 82 @ 7.40 360.30 TOTAL 3550.95 PLUG & FLOAT EQUIPMENT 5/2" 1-17" HONT SHOE @ 408.33 1-17" HONT SHOE @ 394.29 1971.45 5-345KETS @ 374.29 1971.45 FOR WAS PROPERLY WAS BEEN BOTH OF TOTAL 22771.17
To Allied Cer You are herel and furnish c contractor to done to satisf	menting Co., LL. by requested to rementer and help do work as is life faction and super	Z. ZIP	MILEAGE HVIII 82 @ 7.70 @ 31.70 MANIFOLD 82 @ 4.40 360.80 MO TOTAL 3550.95 PLUG & FLOAT EQUIPMENT 5/2" 1-9FU FLOAT SHOE @ 408.33 1-9FU FLOAT SHOE @ 324.09 5-BASKETS @ 334.29 1971.45 5-BASKETS @ 374.29 1971.45 TOTAL 3277.17 WERAL SALES TAX (If Any) 1.359, 52 TOTAL 3277.17 TOTAL 3277.17
To Allied Cer You are herel and furnish c contractor to done to satisf	menting Co., LL. by requested to rementer and help do work as is life faction and super	Z. ZIP	MILEAGE HVIII 82 @ 7.70 @ 31.70 MANIFOLD 82 @ 4.40 360.80 MO TOTAL 3550.95 PLUG & FLOAT EQUIPMENT 5/2" 1-9FU FLOAT SHOE @ 408.33 1-9FU FLOAT SHOE @ 324.09 5-BASKETS @ 334.29 1971.45 5-BASKETS @ 374.29 1971.45 TOTAL 3277.17 WERAL SALES TAX (If Any) 1.359, 52 TOTAL 3277.17 TOTAL 3277.17
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To Allied Cer You are herel and furnish c contractor to done to satisf	menting Co., LLC oy requested to rementer and help do work as is listaction and super have read and u D CONDITIONS	Z. ZIP	MILEAGE HVIII 82 @ 7.70 @ 31.70 MANIFOLD 82 @ 4.40 360.80 MO TOTAL 3550.95 PLUG & FLOAT EQUIPMENT 5/2" 1-9FU FLOAT SHOE @ 408.33 1-9FU FLOAT SHOE @ 324.09 5-BASKETS @ 334.29 1971.45 5-BASKETS @ 374.29 1971.45 TOTAL 3277.17 WERAL SALES TAX (If Any) 1.359, 52 TOTAL 3277.17 TOTAL 3277.17
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PO Box 93999 Southlake, TX 76092

Voice: Fax: (817) 546-7282

(817) 246-3361

Bill To:

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

INVOICE

Invoice Number: 132859

Invoice Date: Sep 24, 2012

Page: 1



Customer ID	Well Name/# or Customer P.O.	Payment Terms Net 30 Days	
Bach	Knape #2		
Job Location	Camp Location	Service Date	Due Date
KS2-01	Russell	Sep 24, 2012	10/24/12

Quantity	Item	Description	Unit Price	Amount
170.00		Class A Common	17.90	3,043.00
3.00	MAT	Gel	23.45	70.35
6.00	MAT	Chloride	64.00	384.00
183.51	SER	Cubic Feet	2.48	455.11
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	CEMENTER	Bobby Smith		
1.00	EQUIP OPER	Robert Yakubovich		
1.00	EQUIP OPER	Woody O'Neil		
1.00	OPER ASSIST	Walter Keith		
				0.010.50

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



ONLY IF PAID ON OR BEFORE
Oct 19, 2012

Sı	ubtotal	8,243.53
Sa	ales Tax	237.82
To	otal Invoice Amount	8,481.35
Pa	ayment/Credit Applied	
TO	DTAL	8,481.35

ALLIED OIL & GAS SERVICES, LLC 056540

REMITTO	P.C. BØX 31
	RUSSELL, KANSAS 67665

SERVICE POINT:
Rus.se | | KS

	SEC.	TWP.	RANGE	CA	LLED OUT	ON LOCATION	JOB START	JOB FINISH
DATE 9-24-12	18		18	-		1	COUNTY	STATE
LEASE Knape	WELL#	2	LOCATION Ph; Il;	or bu	9 1834 783	2.11/45	Phillips	1 K.S
OLD OR (NEW)(C	ircle one)		Giota				2.01	10.
CONTRACTOR A TYPE OF JOB 54 HOLE SIZE /2 7 CASING SIZE & TUBING SIZE DRILL PIPE	urface	DI DI DI	D. 2 <i>30</i> SPTH 2 <i>30, 15</i> SPTH SPTH		OWNER CEMENT AMOUNT OR	DERED <u>170 c</u>		: 250gcl
TOOL PRES. MAX		M	EPTH INIMUM	_	COMMON	170	@ <u>17.96</u> @	3043.00
MEAS, LINE	N CCC II		IOE JOINT 15'	-	POZMIX	7	@ 23,45	70.35
CEMENT LEFT I PERFS.	IN CSO. J.)			CHLORIDE	6	@ 64.00	384.00
DISPLACEMEN'	Γ		13% 661		ASC		@	/
DISTERCEMEN		UIPMEN					@	
	LQ	O11 112121 1					@	
PUMP TRUCK	CEMEN	TER Rob	Bobs	1				
# 417		Wood		i			@ @	
BULK TRUCK	1166161	. 000000	,				@	
# 473	DRIVER	Walte	- K	A			@	
BULK TRUCK			*	i.			@	
#	DRIVE	١		-	HANDLING	183.51 Ct3	@ 2,48	455.11
				1	MILEAGE 6	87.16 +/m		1786,62
,	R	EMARKS	:				TOTA	L 5739.08
ran Sits of a	25%	204 0	a recieved					
circulation	mixed	170 con	in 3% cc 7.90	ge/		SERV	ICE	
displaced 1	13/2 60	1 shat	in	1_				
				-	DEPTH OF JO			1512.25
Coment dia	cir	culate	to surface	-		K CHARGE	0	15/2.25
				+-	EXTRA FOO		@ @ <u>7.70</u>	631,40
				+		82 HUAI	@ 7.70	
					MANIFOLD	BZ LVMI	@ 4.40	360.80
						00000	@	
CHARGE TO: _	Bach	011		+			TOTA	L 2504.45
STREET				1			1011	
CITY		STATE	ZIP	+		PLUG & FLO	AT EQUIPMI	ENT
					-		@	
				1			@	
				1	-		@	
To: Allied Oil	& Gas Se	rvices, LI	.C.			,	@	
You are hereby	requeste	d to rent o	ementing equipme	ent			@	
and furnish cer	nenter an	d helper(s	to assist owner o	or				
contractor to d	o work as	is listed.	The above work	or			TOTA	AL
done to satisfa	ction and	supervisi	on of owner agent stand the "GENEF	LAS		12	401	
contractor. In	CONDIT		sted on the reverse	side.	SALES TAX	(If Any) 23	1.01	
TERMS AND	CONDIT	IONS III	sicu on the reverse	1	TOTAL CHA	RGES 8243.	53	
			1, m. L.	180	0/	2100 70	TO D	AID IN 30 DAYS
PRINTED NAM	1E_//a	bert	W. Micke	140	DISCOUNT	7.172.170	- 26	AID IN SO DATE
SIGNATURE _	Rol	est l	V. Mick	else	The year	1 6050,9 before tax	9 155	9-26
				-				
				1				

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG **ELEVATION** KB: 2152 **BACH OIL PRODUCTION** GL: 2147 LOG MEASURED WELL: KNAPE #2 FROM: KB LOC.: 2540' FNL & 530' FWL SEC. 18-1-18W SURFACE CASING PHILLIPS COUNTY, KANSAS 20# 8 5/8 " API: 15-147-20691-00-00 Casing set @ 230 w/160 SX PRODUCTION CASING DRILLING CONTR.: MURFIN RIG #8 SPUD: 09-24-12 COMP: 09-28-12 5 1/2" Casing set MUD UP: 2950' TYPE MUD: CHEM. DRILL TIME: 3000 to' RTD RTD: 3621' LTD: 3625' WELL LOG SURVEYS SAMPLES SAVED: 3050'-RTD DIL/CDL/MICRO GEOLOGIST: ROBERT J. PETERSEN **ELECTRIC LOG TOPS FORMATION** <u>DEPTH</u> POS. <u>DATUM</u> Stone Corral 1759 +393 -2 Base Stone Corral 1782 +370 -5 3119 Topeka -967 -7 Heebner 3326 -1174 -8 ○ Subject Well – 18 -Toronto 3357 -1205 -10 Lansing 3375 -1223 -9 Muncie Creek -11 3485 -1333 -10 Stark 3551 -1399 3594 BKC -1442 -10 REFERENCE WELL: **DAILY REPORT** Bach Oil Prod. Knape#1 @7:00 A.M. 2570' FSL & 1420' FEL 18-1-18W 09-24-12 MIRU/SPUD 09-25-12 440' Drilling REMARKS AND RECOMMENDATIONS 09-26-12 2280' Drilling Production casing has been run to further test this well for 09-27-12 3220' Drilling commercial production. 09-28-12 3456' Drilling Respectfully submitted, 09-29-12 3621' RTD Conditioning hole for casing Robert J Petersen **Drill Time in Minutes** 5 10 1750 Stone Corral Base Stone Corral 1800 1850 3000 **SAMPLE DESCRIPTION** LS; Cream, fine crystalline, foss, moldic por, dolo, + SH; Gray, sandy (3050) 3050 LS; Tan, fine crystalline, very foss, granular (3060) LS; Cream/gray, fine crystalline to dense, sl foss + SH; gray (3070) LS; Cream/tan/gray mottle, fine crystalline to dense, foss, chaly, trace stain (3080) SH; Gray (3090) LS; Cream/gray, dense, sl foss (3100) LS; Cream, dense, foss, cherty (3110) SH; gray, hardm sandy (3110) 3100 LS; Cream, fine crystalline, chalky (3120) LS; Dark gray, dense, foss, blocky (3130) <u>Topeka</u> SH; Maroon/gray (3140) LS; Cream, fine crystalline, foss, sl mottled, chalky (3150) SH; Dark gray (3150) LS; Cream/tan, med crystalline, foss, chalky, dolo, cherty (3160) LS; Cream, fine crystalline to dense, cherty (3170) 3150 LS; Cream/gray, fine crystalline to dense, cherty (blocky), foss in partm trace stain, sl dolo (3180) LS; Cream, fine crystalline to dense, sl foss + LS; Gray, hard, sandy (3190) LS; Cream/tan, fine crystalline, sl foss, cherty, chalky, trace stain (3200-3210) 3200 SH; Dark gray (3220) LS; Cream, fine crystalline, foss, chalky, cherty (3220) LS; Cream/gray, fine crystalline to denes, cherty, chalky (3230) SH; Black (3240) LS; Cream/tan, fine crystalline to dense, foss, chalky, trace stain (3240) SD; Gray, silty (3250) SD; Gray, fine to med grained, subangualr (3260) 3250 LS; Cream/gray, fine crystalline to dense, chalky (3260) LS; Cream/white, fine crystalline, sl foss, chalky (3270) SD; Black/gray, fine grained, friable (3280) LS; Cream, fine crystalline, dolo, foss, subfgranular (3290) SH; Black (trace 3290) LS; Cream/tan, fine crystalline to dense, ool, sl chalky (3300) LS; Cream/It gray, fine crystalline to densem sl dolo, trace stain (3310) 3300 LS; Cream, fine crystalline to dense, ool-granular in part (hard) + Dolo; Tan, fine crystalline, sucrosic + LS; Gray, dense, blocky (3320) LS; Cream/lt gray, fine crystalline, oolitic-granular w/trace moldic por, trace stain, chalky, cherty LS; Tan, fine crystalline, dolo (3340) <u>Heebner</u> SH; Black (3350) LS; Tan/gray, dense, foss, hard, trace stain (3350) SH; Red, silty (3360) 3350 Toronto Toronto LS; Cream/It gray, very fine crystalline, foss, dolo, chalky(white), trace stain (33600 LS; Cream/white, fine crystalline, oolitic-granular, chalky + LS; Gray, dense, blocky, dolo, cherty (3370)SH; Red/gray (3380) DST#1 3386-3456 LS; Cream/lt gray, fine crystalline, foss-granular in Lansing 30-45-45-60 part, chalky (3390) IF: BOB in 22 Min. ICIP: Weak surface blow in 3 min LS; Cream, fine crystallline, foss, cherty w/moldic por Died in 17 min It stain, ssfo (3400) FF: Built to 9 inches in 30 min FCIP: Weak surface died in 20 min Recovered: SH; Black, pyritic (3410) 177' MCW 85% water/15% mud 62' O & WCM 5% oil/35% water/60% mud SH; Red/gray (3410) 31' OCM-5% oil/95% mud 93' OCM-45% oil /55% mud 55' GCO -10% gas/90% oil 3400 LS; Cream, fine crystalline, ool-granular, w/fair to good intergran por + LS; Tan, fine crystalline, dolo, <u>C Zone</u> SIP: 784-761# FP: 25-136#/144-205# foss w/moldic por, sfo, faint odor, BHT: 100F It stain on dry (3410) LS; Cream/gray, fine crystalline, chalky-cherty (3414/15") cfs SH; Red/gray (3414/30") D Zone LS; Gray/brown, dolo, very fine crystalline, chalky, cherty (tan/blocky), moldic por, ssfo, faint ρ odor (3430) LS; Cream, fine crystalline, foss, w/fair intercrystalline por, sfo, med stain + LS; Cream, fine crystalline, chalky cherty (tan blocky) moldic por, ssfo, faint odor (3440) SH; Maroon/gray (3440) E Zone LS; Cream, fine crystalline, foss-gran w/fair to good intergran por, sfo (3442/15") SH; Green/gray (3450) LS; Cream, fine crystalline, ool, chalky, trace inter-ool por, ssfo, faint odor (3456) F Zone LS; Cream, dense, chalky (3456/30") 3450 LS; Cream, fine crystalline, sl foss, trace dolo, moldic por (3470) cfs SH; Red/gray (3470) G Zone LS; Cream, fine crystalline to dense, dolo, chalky-soft, cherty (blocky-mottled)3480) LS; Cream/gray, fine crystalline to dense, chalky, cherty (3490) Muncie Creek SH; Black (3490) SH; Red (3500) H Zone LS; Cream/gray, fine crystalline to dense, foss, chalky, cherty, trace stain (black) (3500) 3500 LS; Cream/tan, dense, foss-gran in part, foss, cherty (3510-20) LS; Gray, dense, cherty (3530) SH; Red/gray (3530) I Zone LS; Cream/white, fine crystalline to dense, foss, poor to fair moldc-vug por, sfo, odor (3530) increase odor, moldic por, sfo, dark sat, (3540) SH; Red/gray (3540-50) J Zone LS; Cream, fine crystalline to dense, sl foss, poor moldic por, lt stain (3550) LS; Cream, fine crystalline to dene, chalky (3560) 3550 SH; Red/green, silty (3570) LS; Cream/white, fine crystalline to dense, ool, chalky, trace moldic por, trace frac por, trace stain (3570) LS; Cream, fine crystallne, ool, chalkym soft + LS; Cream, dense (3580) SH; Black (trace 3590) SH; Red/gray, silty (3590) LS; Cream/It gray, fine crystalline to dense, oolitic-granular, trace yellow mineral stain (3600-3610)BKC 3600 SH; Maroon/gray, silty (3620) LS; Cream, fine crystalline to dense, foss, chalky (3620) 3650 3700

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/

Sam Brownback, Governor

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner

January 09, 2013

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

Re: ACO1 API 15-147-20691-00-00 Knape 2 NW/4 Sec.18-01S-18W 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