



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1105923
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: _____



1105923

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: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Bach, Jason dba Bach Oil Production
Well Name	Knape 3
Doc ID	1105923

Tops

Name	Top	Datum
Stone Corral	1768	+375
Base Stone Corral	1796	+347
Topeka	3121	-978
Heebner	3327	-1184
Toronto	3355	-1212
Lansing	3373	-1230
Muncie Creek	3484	-1341
Stark	3548	-1405
BKC	3592	-1449
RTD	3632	-1489



DRILL STEM TEST REPORT

Prepared For: **Bach Oil Production**

PO Box 723
Alma, NE 68920-0723

ATTN: Bob Peterson

Knape #3

13-1s-19w Phillips KS

Start Date: 2012.09.21 @ 23:10:00

End Date: 2012.09.22 @ 05:50:00

Job Ticket #: 48145 DST #: 1

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

Printed: 2012.09.26 @ 11:42:41



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Bach Oil Production
PO Box 723
Alma, NE 68920-0723
ATTN: Bob Peterson

13-1s-19w Phillips KS
Knappe #3
Job Ticket: 48145 **DST#: 1**
Test Start: 2012.09.21 @ 23:10:00

GENERAL INFORMATION:

Formation: **LKC "B - G"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:59:30
Time Test Ended: 05:50:00
Interval: **3388.00 ft (KB) To 3465.00 ft (KB) (TVD)**
Total Depth: 3465.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: James Winder
Unit No: 57
Reference Elevations: 2143.00 ft (KB)
2138.00 ft (CF)
KB to GR/CF: 5.00 ft

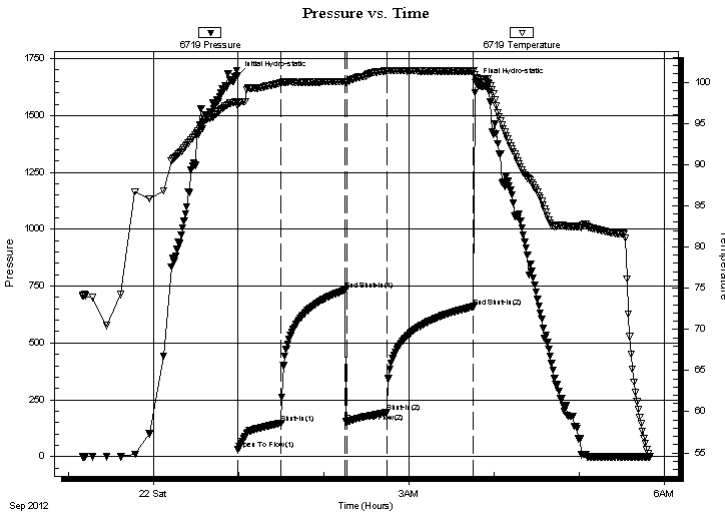
Serial #: 6719

Inside

Press @ Run Depth: 193.97 psig @ 3389.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.09.21 End Date: 2012.09.22 Last Calib.: 2012.09.22
Start Time: 23:10:05 End Time: 05:49:59 Time On Btm: 2012.09.22 @ 00:59:00
Time Off Btm: 2012.09.22 @ 03:47:00

TEST COMMENT: 30 - IF: Blow built to BOB (11") in 11 3/4 min.
45 - IS: Bled off, No blow back
30 - FF: Blow built to BOB in 28 min.
60 - FS: Bled off, No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1675.00	97.68	Initial Hydro-static
1	31.19	97.17	Open To Flow (1)
31	148.35	99.92	Shut-In(1)
76	732.39	100.09	End Shut-In(1)
77	153.31	100.07	Open To Flow (2)
106	193.97	101.37	Shut-In(2)
167	659.90	101.37	End Shut-In(2)
168	1644.34	100.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
196.00	Water w/trace oil 96%w, 4%m	1.05
115.00	WM w/trace oil 54%w, 46%w	1.61
62.00	WCM w/trace oil 86%w, 14%w	0.87
19.00	OCM 89%w, 11%o	0.27

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Bach Oil Production
PO Box 723
Alma, NE 68920-0723
ATTN: Bob Peterson

13-1s-19w Phillips KS
Knape #3
Job Ticket: 48145 **DST#: 1**
Test Start: 2012.09.21 @ 23:10:00

Tool Information

Drill Pipe:	Length: 3189.00 ft	Diameter: 3.80 inches	Volume: 44.73 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: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 46000.00 lb
			<u>Total Volume: 45.64 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3388.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	77.00 ft			
Tool Length:	105.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			3365.00	
Hydraulic tool	5.00			3370.00	
Jars	5.00			3375.00	
Safety Joint	3.00			3378.00	
Packer	5.00			3383.00	28.00 Bottom Of Top Packer
Packer	5.00			3388.00	
Stubb	1.00			3389.00	
Recorder	0.00	6719	Inside	3389.00	
Recorder	0.00	8320	Outside	3389.00	
Perforations	6.00			3395.00	
Blank Spacing	65.00			3460.00	
Perforations	2.00			3462.00	
Bullnose	3.00			3465.00	77.00 Bottom Packers & Anchor

Total Tool Length: 105.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Bach Oil Production
PO Box 723
Alma, NE 68920-0723
ATTN: Bob Peterson

13-1s-19w Phillips KS
Knape #3
Job Ticket: 48145 **DST#: 1**
Test Start: 2012.09.21 @ 23:10:00

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: 61.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1000.00 ppm			
Filter Cake: 2.00 inches			

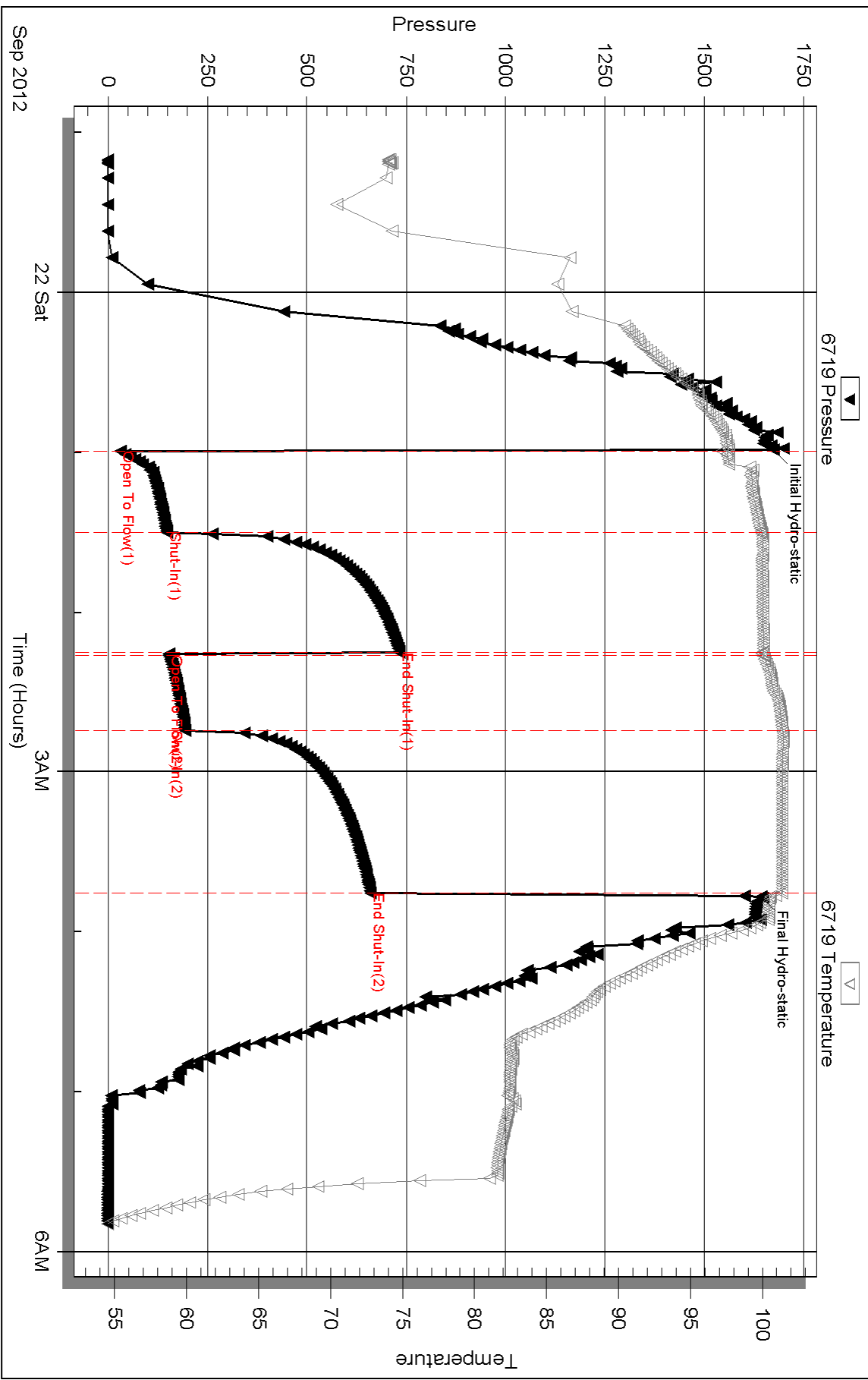
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
196.00	Water w/trace oil 96%w, 4%m	1.055
115.00	WM w/trace oil 54%m, 46%w	1.613
62.00	WCM w/trace oil 86%m, 14%w	0.870
19.00	OCM 89%m, 11%o	0.267

Total Length: 392.00 ft Total Volume: 3.805 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW= .287 ohms @ 50.7 deg F
Chlorides = 35,000 ppm

Pressure vs. Time

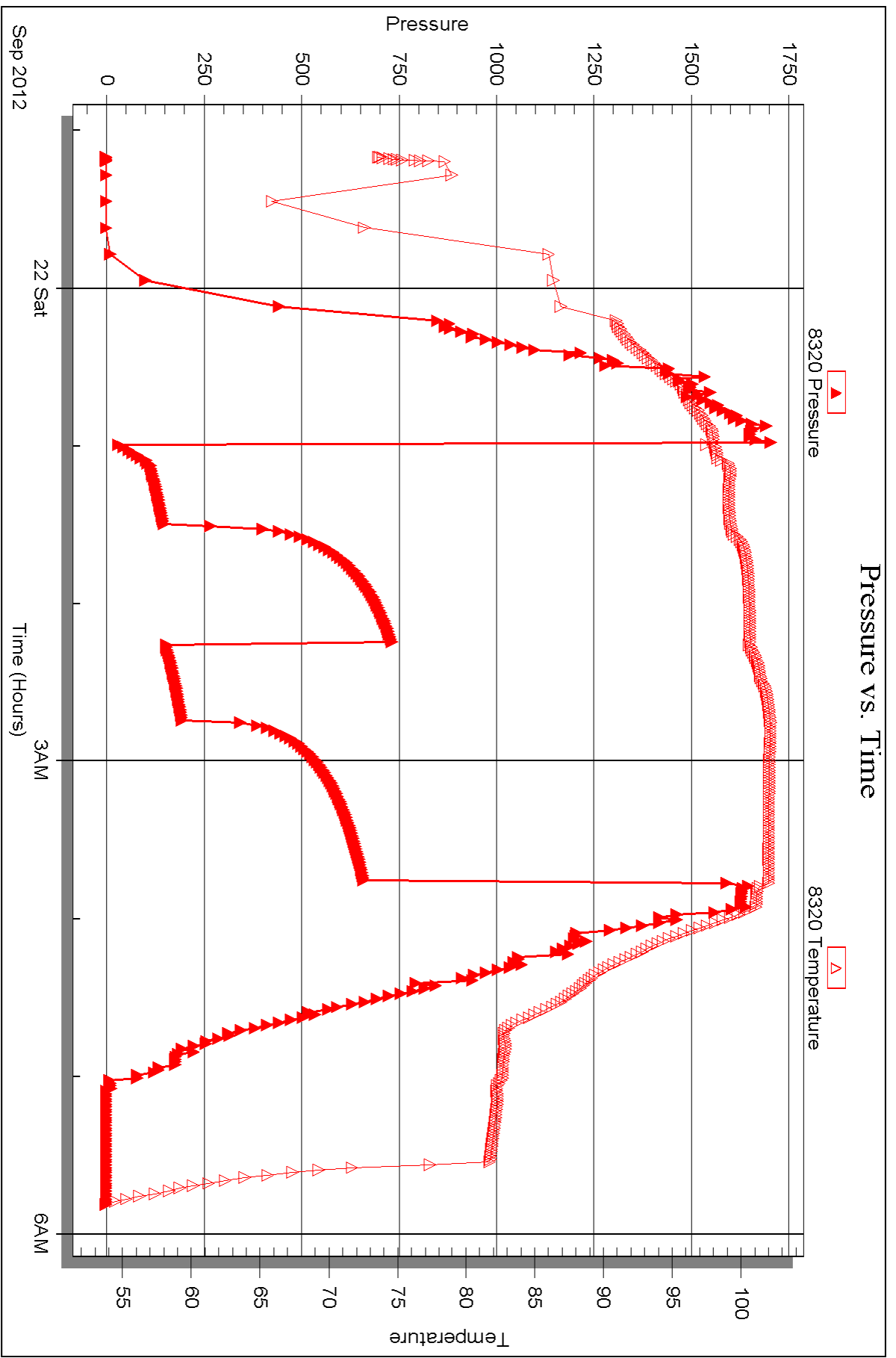


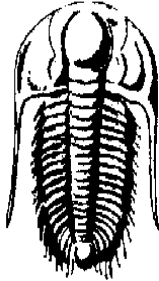
Serial #: 8320

Outside Bach Oil Production

Knape #3

DST Test Number: 1





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Bach Oil Production**

PO Box 723
Alma, NE 68920-0723

ATTN: Bob Peterson

Knape #3

13-1s-19w Phillips KS

Start Date: 2012.09.22 @ 13:43:00

End Date: 2012.09.22 @ 20:11:30

Job Ticket #: 48146 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.09.26 @ 11:41:49

Bach Oil Production
13-1s-19w Phillips KS
Knape #3
DST # 2
LKC "H - I"
2012.09.22



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Bach Oil Production
 PO Box 723
 Alma, NE 68920-0723
 ATTN: Bob Peterson

13-1s-19w Phillips KS
Knappe #3
 Job Ticket: 48146 **DST#: 2**
 Test Start: 2012.09.22 @ 13:43:00

GENERAL INFORMATION:

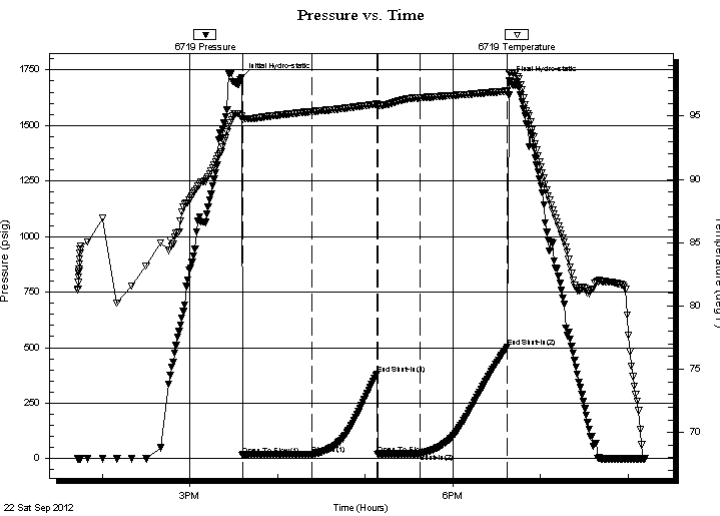
Formation: **LKC "H - I"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:36:00
 Time Test Ended: 20:11:30
 Interval: **3456.00 ft (KB) To 3530.00 ft (KB) (TVD)**
 Total Depth: 3530.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: James Winder
 Unit No: 57
 Reference Elevations: 2143.00 ft (KB)
 2138.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6719

Inside

Press @ Run Depth: 22.90 psig @ 3457.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.09.22 End Date: 2012.09.22 Last Calib.: 2012.09.22
 Start Time: 13:43:05 End Time: 20:11:29 Time On Btm: 2012.09.22 @ 15:35:30
 Time Off Btm: 2012.09.22 @ 18:39:00

TEST COMMENT: 45 - IF: Blow built to 1/4", blew at 1/4" for about 30 min., then died back, dead at 41 min.
 45 - IS: No blow back
 30 - FF: No blow
 60 - FS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1714.57	94.99	Initial Hydro-static
1	16.70	94.71	Open To Flow (1)
48	20.78	95.35	Shut-In(1)
93	382.20	95.94	End Shut-In(1)
93	21.47	95.80	Open To Flow (2)
122	22.90	96.43	Shut-In(2)
182	503.30	96.98	End Shut-In(2)
184	1700.64	98.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	OCM 88% m, 12% o	0.07
2.00	OM 56% m, 44% o	0.01

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Bach Oil Production
PO Box 723
Alma, NE 68920-0723
ATTN: Bob Peterson

13-1s-19w Phillips KS
Knape #3
Job Ticket: 48146 **DST#: 2**
Test Start: 2012.09.22 @ 13:43:00

Tool Information

Drill Pipe:	Length: 3253.00 ft	Diameter: 3.80 inches	Volume: 45.63 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: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose:	48000.00 lb
			<u>Total Volume: 46.54 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial	48000.00 lb
Depth to Top Packer:	3456.00 ft			Final	48000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	74.00 ft				
Tool Length:	102.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			3433.00	
Hydraulic tool	5.00			3438.00	
Jars	5.00			3443.00	
Safety Joint	3.00			3446.00	
Packer	5.00			3451.00	28.00 Bottom Of Top Packer
Packer	5.00			3456.00	
Stubb	1.00			3457.00	
Recorder	0.00	6719	Inside	3457.00	
Recorder	0.00	8320	Outside	3457.00	
Perforations	6.00			3463.00	
Blank Spacing	64.00			3527.00	
Bullnose	3.00			3530.00	74.00 Bottom Packers & Anchor

Total Tool Length: 102.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Bach Oil Production
PO Box 723
Alma, NE 68920-0723
ATTN: Bob Peterson

13-1s-19w Phillips KS
Knape #3
Job Ticket: 48146 **DST#: 2**
Test Start: 2012.09.22 @ 13:43:00

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:	ppm
Viscosity: 61.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1000.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	OCM 88% <i>m</i> , 12% <i>o</i>	0.074
2.00	OM 56% <i>m</i> , 44% <i>o</i>	0.010

Total Length: 17.00 ft Total Volume: 0.084 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 6719

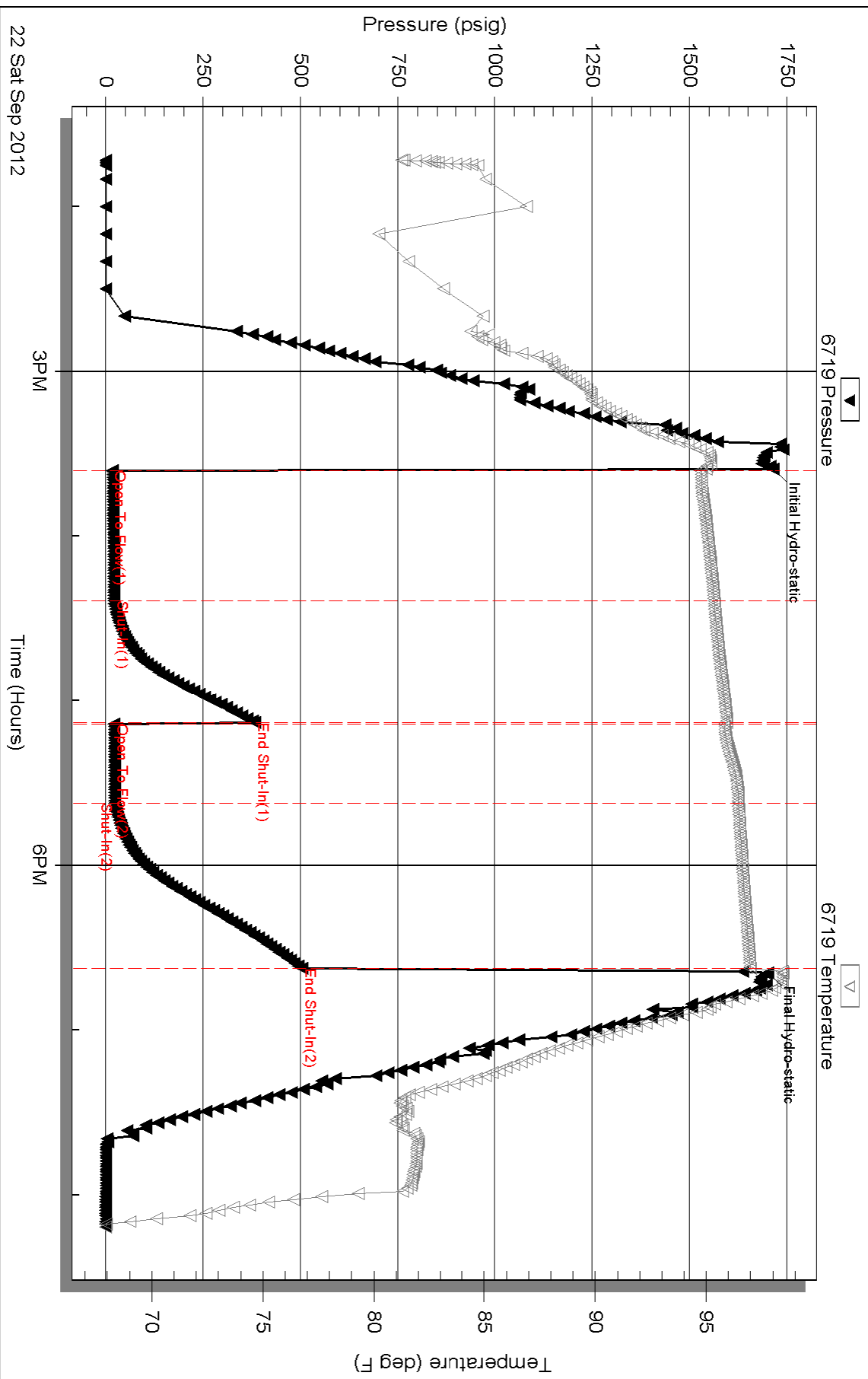
Inside

Bach Oil Production

Knape #3

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 48146

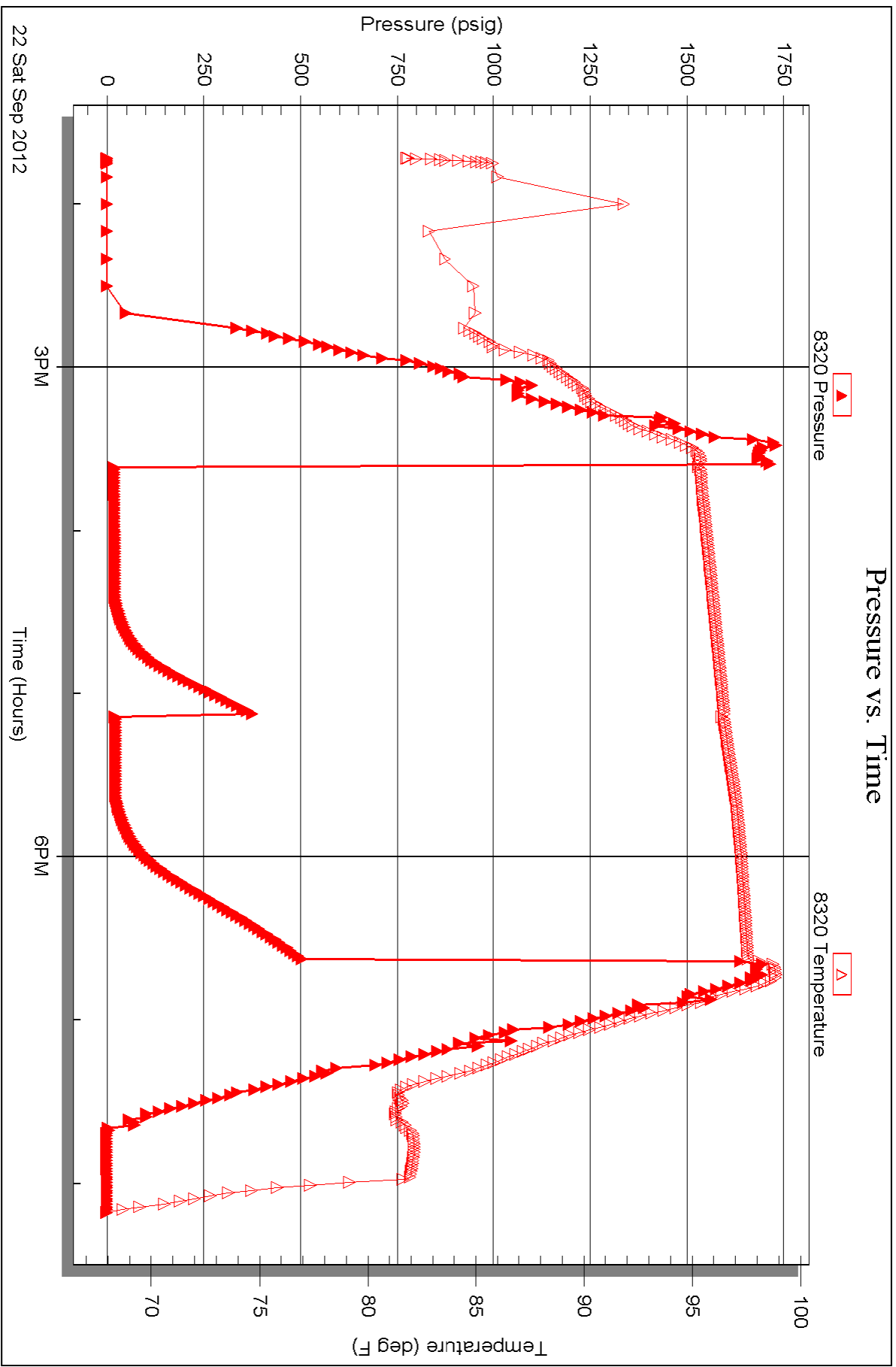
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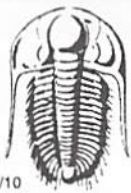
Serial #: 8320

Outside Bach Oil Production

Knape #3

DST Test Number: 2





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48145

Well Name & No. Knape #3 Test No. 1 Date 9-22-12
 Company Bach Oil Production Elevation ~~2152~~ 2143 KB ~~2117~~ 2138 GL
 Address PO Box 723 Alma, NE 68920-0723
 Co. Rep / Geo. Bob Peterson Rig Murfin #8
 Location: Sec. 13 Twp. 15 Rge. 19w Co. Phillips State KS

Interval Tested 3388 - 3465 Zone Tested LKC "B-G"
 Anchor Length 77 Drill Pipe Run 3189 Mud Wt. 8.9
 Top Packer Depth 3383 Drill Collars Run 186 Vis 61
 Bottom Packer Depth 3388 Wt. Pipe Run - WL 6.4
 Total Depth 3465 Chlorides 1000 ppm System LCM 2#

Blow Description IF: Blow built to BOB (11") in 1 3/4 min.
ISI: Bled off, No blowback
FF: Blow built to BOB in 28 min.
FSI: Bled off, No blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>19</u>	<u>OCM</u>	<u>-</u>	<u>11</u>	<u>-</u>	<u>89</u>
<u>62</u>	<u>WCM w/trace of oil</u>	<u>-</u>	<u>trace</u>	<u>14</u>	<u>86</u>
<u>105</u>	<u>WM w/trace of oil</u>	<u>-</u>	<u>trace</u>	<u>46</u>	<u>54</u>
<u>196</u>	<u>Water w/trace of oil</u>	<u>-</u>	<u>trace</u>	<u>96</u>	<u>4</u>
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 392 BHT 101 Gravity - API RW .287 @ 50.7 °F Chlorides 35,000 ppm

(A) Initial Hydrostatic 1675 Test * 1150 T-On Location 22:15 9/21
 (B) First Initial Flow 31 Jars * 250 T-Started 23:10 9/21
 (C) First Final Flow 148 Safety Joint * 75 T-Open 00:59
 (D) Initial Shut-In 732 Circ Sub *NA T-Pulled 3:45
 (E) Second Initial Flow 153 Hourly Standby _____ T-Out 5:45
 (F) Second Final Flow 1194 Mileage 130 RT 201.50 Comments (Hotel)
 (G) Final Shut-In 660 Sampler _____
 (H) Final Hydrostatic 1644 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____

Initial Open 30 Extra Packer _____ Extra Copies _____
 Initial Shut-In 45 Extra Recorder _____ Sub Total 0
 Final Flow 30 Day Standby _____ Total 1676.50
 Final Shut-In 60 Accessibility _____ MP/DST Disc't _____
 Sub Total 1676.50

Approved By _____ Our Representative James Winder

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48146

Well Name & No. Knape #3 Test No. 2 Date 9-22-12
 Company Bach Oil Production Elevation 2143 KB 2138 GL
 Address PO Box 723 Alma, NE 68920-0723
 Co. Rep / Geo. Bob Peterson Rig Murfin #8
 Location: Sec. 13 Twp. 15 Rge. 19w Co. Phillips State KS

Interval Tested 3456 - 3530 Zone Tested LKC "H-I"
 Anchor Length 74 Drill Pipe Run 3253 Mud Wt. 8.9
 Top Packer Depth 3451 Drill Collars Run 186 Vis 61
 Bottom Packer Depth 3456 Wt. Pipe Run - WL 6.4
 Total Depth 3530 Chlorides 1000 ppm System LCM 2#
 Blow Description IF: Blow built to 1/4", blew at 1/4" for about 30min then died back, dead at 41min.
ISI: No blowback
FF:
FSI:

Rec	Feet of	%gas	%oil	%water	%mud
<u>2</u>	<u>OM</u>	<u>-</u>	<u>44</u>	<u>-</u>	<u>56</u>
<u>15</u>	<u>OCM</u>	<u>-</u>	<u>12</u>	<u>-</u>	<u>88</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 17 BHT 97 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 1715 Test X 1150 T-On Location 13:10
 (B) First Initial Flow 17 Jars X 250 T-Started 13:43
 (C) First Final Flow 21 Safety Joint X 75 T-Open 15:36
 (D) Initial Shut-In 382 Circ Sub XNA T-Pulled 18:37
 (E) Second Initial Flow 21 Hourly Standby _____ T-Out 20:05
 (F) Second Final Flow 23 Mileage 130 RT 201.50 Comments _____
 (G) Final Shut-In 503 Sampler _____
 (H) Final Hydrostatic 1701 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 45 Extra Recorder _____ Sub Total 0
 Initial Shut-In 45 Day Standby _____ Total 1676.50
 Final Flow 30 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 60 Sub Total 1676.50

Approved By _____ Our Representative James Winder

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

BACH OIL PRODUCTION

WELL: KNAPE #3

LOC.: 2310' FSL & 1775' FWL
 SEC. 13-1-19W
 PHILLIPS COUNTY, KANSAS
 API: 15-147-20689-00-00

DRILLING CONTR.: MURFIN RIG #8
 SPUD: 09-18-12 COMP: 09-23-12
 MUD UP: 2850' TYPE MUD: CHEM.
 DRILL TIME: 3000 to' RTD
 RTD: 3630' LTD: 3632'
 SAMPLES SAVED: 3050'-RTD
 GEOLOGIST: ROBERT J. PETERSEN

ELEVATION

KB: 2143
 GL: 2138
 LOG MEASURED
 FROM: KB

SURFACE CASING

20# 8 5/8 "
 Casing set @ 226
 w/170 SX

PRODUCTION CASING

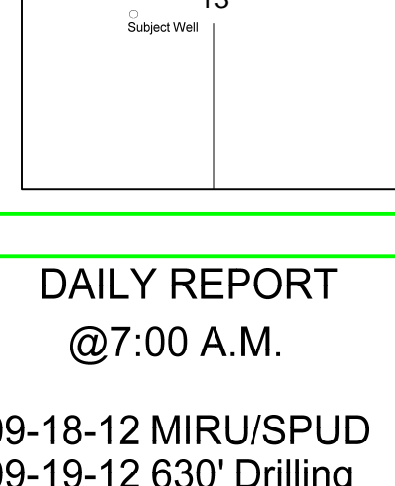
5 1/2" Casing set

WELL LOG SURVEYS

DIL/CDL/MICRO

ELECTRIC LOG TOPS

FORMATION	DEPTH	DATUM	POS.
Stone Corral	1768	+375	-3
Base Stone Corral	1796	+347	-3
Topeka	3121	-978	+2
Heebner	3327	-1184	Flat
Toronto	3355	-1212	+1
Lansing	3373	-1230	+2
Muncie Creek	3484	-1341	Flat
Stark	3548	-1405	+1
BKC	3592	-1449	-2
RTD	3632	-1489	N/A



REFERENCE WELL:

Bach Oil Prod.
 JK Unit #1
 250' FSL & 1840' FWL
 13-1-19W

REMARKS AND RECOMMENDATIONS

Production casing has been run to further test this well for commercial production.

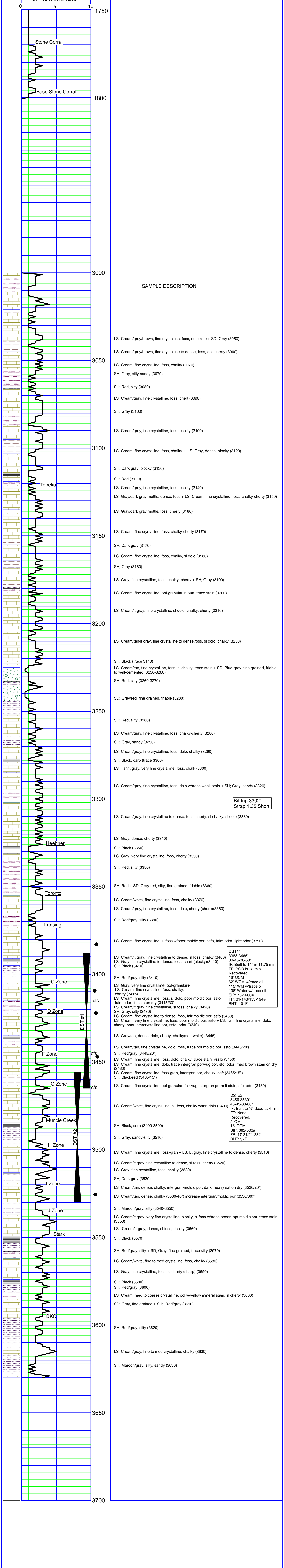
Respectfully submitted,

Robert J. Petersen
 Robert J Petersen

DAILY REPORT

@7:00 A.M.

09-18-12 MIRU/SPUD
 09-19-12 630' Drilling
 09-20-12 2380' Drilling
 09-21-12 3280' Drilling
 09-22-12 3465' DST#1
 09-23-12 3630' RTD





PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 132858
Invoice Date: Sep 23, 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	Knape #3	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-04	Russell	Sep 23, 2012	10/23/12

Quantity	Item	Description	Unit Price	Amount
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
16.00	MAT	Salt	26.35	421.60
450.00	MAT	AMD	25.90	11,655.00
2,250.00	MAT	Gilsonite	0.98	2,205.00
735.25	SER	Cubic Feet	2.48	1,823.43
2,636.08	SER	Ton Mileage	2.60	6,853.81
1.00	SER	Long String	2,558.75	2,558.75
83.00	SER	Pump Truck Mileage	7.70	639.10
83.00	SER	Light Vehicle Mileage	4.40	365.20
1.00	EQP	5.5 Latch Down Plug	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	Bobby Smith		
1.00	EQUIP OPER	Robert Yakubovich		
1.00	EQUIP OPER	Woody O'Neil		
1.00	OPER ASSIST	Walter Keith		
1.00	OPER ASSIST	Alan Genereux		

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

\$ 8574.05

ONLY IF PAID ON OR BEFORE
Oct 18, 2012

Subtotal	32,233.26
Sales Tax	1,359.52
Total Invoice Amount	33,592.78
Payment/Credit Applied	
TOTAL	33,592.78

ALLIED OIL & GAS SERVICES, LLC 056539

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Russell KS

DATE 9-23-12	SEC. 13	TWP. 1	RANGE 19	CALLED OUT	ON LOCATION	JOB START 8:30 AM	JOB FINISH 9:00 PM
LEASE Knaps	WELL # 3	LOCATION Phillipsburg and 383 3W 1 1/4 S E into			COUNTY Phillips	STATE KS	
OLD OR NEW (Circle one)							

CONTRACTOR Marlin Drilling #8
 TYPE OF JOB long string
 HOLE SIZE 7 7/8 T.D. 3632
 CASING SIZE 5 1/2 17" DEPTH 3631.91
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 36.55
 CEMENT LEFT IN CSG. 36.55
 PERFS.
 DISPLACEMENT 83 1/4 bbl

OWNER 204

EQUIPMENT
 PUMP TRUCK CEMENTER Robert V Bob S
 # 417 HELPER Woody O
 BULK TRUCK
 # 473 DRIVER Walter K
 BULK TRUCK
 # 481 DRIVER Alan G. (Grant Beard)

CEMENT
 AMOUNT ORDERED 450 sts AMD 5# gilsonite/sts
150 60/40 2% gel 10% salt 2% cc

COMMON	90	@ 17.90	1611.00
POZMIX	60	@ 9.35	561.00
GEL	3	@ 23.40	70.20
CHLORIDE	3	@ 64.00	192.00
ASC		@	
Salt	16	@ 26.35	421.60
AMD	450	@ 25.90	11,655.00
Gilsonite	2250#	@ 0.98	2,205.00
		@	
		@	
		@	
		@	
HANDLING	735.25 STS	@ 2.48	1823.43
MILEAGE	2636.08 t/m	2.60	6853.81
			TOTAL 25393.04

REMARKS:

ran 86 ft of 5 1/2 17" csg circulation
 circulation sac 30 min drop ball pumped
 80 bbl flush mix 450 sts of AMD and
 150 60/40 2% gel 10% salt 2% cc displaced
 83 1/4 to land plug to 1800"
 cement did circulate to surface
 Plug down at 8:30 PM

SERVICE

DEPTH OF JOB	3632	
PUMP TRUCK CHARGE	2558.75	
EXTRA FOOTAGE	@	
MILEAGE 83 HVM#	@ 7.70	639.10
MANIFOLD	@	
83 LVM#	@ 4.40	365.20
	@	
TOTAL 3569.05		

CHARGE TO: Back Oil
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

latch down	1	@ 324.09	324.09
bucket	5	@ 394.29	1971.45
cent	10	@ 57.33	573.30
float shoe	1	@ 408.33	408.33
		@	
			TOTAL 3277.17

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.

SALES TAX (If Any) 1359.52

TOTAL CHARGES 32,233.26

DISCOUNT 8,574.05 IF PAID IN 30 DAYS

net 23659.21 BS 9-24
 before tax

PRINTED NAME _____

SIGNATURE Dale P. [Signature]

PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 132789
Invoice Date: Sep 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	Knape #3	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Russell	Sep 18, 2012	10/18/12

Quantity	Item	Description	Unit Price	Amount
170.00	MAT	Class A Common	17.90	3,043.00
3.00	MAT	Gel	23.45	70.35
6.00	MAT	Chloirde	64.00	384.00
183.51	SER	Cubic Feet	2.48	455.11
695.54	SER	Ton Mileage	2.60	1,808.40
1.00	SER	Surface	1,512.25	1,512.25
83.00	SER	Pump Truck Mileage	7.70	639.10
83.00	SER	Light Vehicle Mileage	4.40	365.20
1.00	CEMENTER	Bobby Smith		
1.00	EQUIP OPER	Robert Yakubovich		
1.00	EQUIP OPER	Woody O'Neil		
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

\$ 2201.79

ONLY IF PAID ON OR BEFORE
Oct 13, 2012

Subtotal	8,277.41
Sales Tax	237.82
Total Invoice Amount	8,515.23
Payment/Credit Applied	
TOTAL	8,515.23

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

January 09, 2013

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

Re: ACO1
API 15-147-20689-00-00
Knape 3
SW/4 Sec.13-01S-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