



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1096821
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: _____



1096821

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Commingled <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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PO Box 93999
Southlake, TX 76092

Invoice Number: 131802

Invoice Date: Jul 1, 2012

Voice: (817) 546-7282

Page: 1

Fax: (817) 246-3361



Bill To:

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

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Bach	Don #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-03	Russell	Jul 1, 2012	7/31/12

Quantity	Item	Description	Unit Price	Amount
132.00	MAT	Class A Common	16.25	2,145.00
88.00	MAT	Pozmix	8.50	748.00
8.00	MAT	Gel	21.25	170.00
50.00	MAT	Flo Seal	2.70	135.00
230.00	SER	Handling	2.25	517.50
20,470.00	SER	Drayage	0.11	2,251.70
1.00	SER	Rotary Plug	1,250.00	1,250.00
89.00	SER	Pump Truck Mileage	7.00	623.00
89.00	SER	Light Vehicle Mileage	4.00	356.00
1.00	EQP	8.5/8 Wiper Plug	64.00	64.00
1.00	CEMENTER	Glenn Ginther		
1.00	EQUIP OPER	Woody O'Neil		
1.00	EQUIP OPER	Robert Yakubovich		
1.00	OPER ASSIST	Kevin Rupp		

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

\$ 2621.25

ONLY IF PAID ON OR BEFORE

Jul 26, 2012

Subtotal	8,260.20
Sales Tax	561.69
Total Invoice Amount	8,821.89
Payment/Credit Applied	
TOTAL	8,821.89

INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 131682

Invoice Date: Jun 26, 2012

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

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	Don #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Russell	Jun 26, 2012	7/26/12

Quantity	Item	Description	Unit Price	Amount
170.00	MAT	Class A Common	16.25	2,762.50
3.00	MAT	Gel	21.25	63.75
6.00	MAT	Chloride	58.20	349.20
179.00	SER	Handling	2.25	402.75
15,394.00	SER	Drayage	0.11	1,693.34
1.00	SER	Surface	1,125.00	1,125.00
86.00	SER	Pump Truck Mileage	7.00	602.00
86.00	SER	Light Vehicle Mileage	4.00	344.00
1.00	CEMENTER	Glenn Ginther		
1.00	EQUIP OPER	Woody O'Neil		
1.00	EQUIP OPER	Robert Yakubovich		

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

\$ 2260.31

ONLY IF PAID ON OR BEFORE
Jul 21, 2012

Subtotal	7,342.54
Sales Tax	215.93
Total Invoice Amount	7,558.47
Payment/Credit Applied	
TOTAL	7,558.47

ALLIED OIL & GAS SERVICES, LLC 056440

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Russell, KS

DATE	SEC	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
6-26-10	15	1 S	19 W			10:30 PM	16:00 PM
LEASE <i>Don</i>	WELL # <i>1</i>	LOCATION <i>Phillipsboro, KS, N to 383 Hwy</i>			COUNTY <i>PHILLIPS</i>	STATE <i>KANSAS</i>	
OLD OR NEW (Circle one)		<i>W to RD 200 2 1/2 S 1/2 E D100</i>					

CONTRACTOR *MUREN DRIG. Rig #16 (Andy)* OWNER _____

TYPE OF JOB *Cement Surface* CEMENT AMOUNT ORDERED *170 sq Com*

HOLE SIZE *2 3/8* T.D. *234'* AMOUNT ORDERED *390 cc*

CASING SIZE *8 5/8 New* DEPTH *233'* AMOUNT ORDERED *23 GEL*

TUBING SIZE *20 # CSO* DEPTH _____

DRILL PIPE DEPTH _____

TOOL DEPTH _____

PRES. MAX *250 #* MINIMUM _____

MEAS. LINE SHOE JOINT _____

CEMENT LEFT IN CSG. *15'* _____

PERFS. _____

DISPLACEMENT *14 / BBL* _____

EQUIPMENT _____

PUMP TRUCK CEMENTER *Gerald Givtler* _____

417 HELPER *Woody O'Neil* _____

BULK TRUCK _____

378 DRIVER *BOB YAKUBOVICH* _____

BULK TRUCK _____

DRIVER _____

HANDLING *179* @ *2.25* *402.75*

MILEAGE *170 x 179 x .11* *1693.34*

86 *15394* TOTAL *5271.54*

REMARKS: *117° today!*

Ran 5 new joints @ 20 # 8 5/8 CSO

Set @ 233' Cement w/ 170 sq Com

390 cc + 23 GEL Displace

14 BBL Behind Cement & shut

IN @ 250 #

Cement did circulate

to surface

THANKS

CHARGE TO: *Boch/Jason DBA Boch Oil Prod.*

STREET _____

CITY _____ STATE _____ ZIP _____

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 *Ag [Signature]*

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<i>1125.00</i>
EXTRA FOOTAGE	@	
MILEAGE <i>170 86</i>	@ <i>7.00</i>	<i>602.00</i>
MANIFOLD	@	
<i>4 dv 86</i>	@ <i>4.00</i>	<i>344.00</i>
	@	

TOTAL *2071.00*

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL *0*

SALES TAX (If Any) *215.93*

TOTAL CHARGES *7342.54*

DISCOUNT *20/50 2260.31* IF PAID IN 30 DAYS

Net 5082.23 *BS 6-27*

before tax

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

BACH OIL PRODUCTION

WELL: DON #1

LOC.: 1424' FSL & 1896' FWL
 SEC. 15-1-19W
 PHILLIPS COUNTY, KANSAS
 API: 15-147-20683-00-00

DRILLING CONTR.: MURFIN RIG #16
 SPUD: 06-26-12 COMP: 07-01-12
 MUD UP: 2800' TYPE MUD: CHEM.
 DRILL TIME: 3050 to' RTD
 RTD: 3665' LTD: 3664'
 SAMPLES SAVED: 3050'-RTD
 GEOLOGIST: ROBERT J. PETERSEN

ELEVATION

KB: 2165
 GL: 2160
 LOG MEASURED
 FROM: KB

SURFACE CASING

8 5/8" Set @ 233'
 W/170 SX 3% CC 2%gel

PRODUCTION CASING

N/A D&A

WELL LOG SURVEYS

DIL/CDL

ELECTRIC LOG TOPS

FORMATION	DEPTH	DATUM	POSITION
Stone Corral	1810	+355	-11
Base Stone Corral	1833	+332	-14
Topeka	3157	-992	-17
Heebner	3365	-1200	-5
Toronto	3395	-1230	-10
Lansing	3412	-1247	-10
BKC	3590	-1425	-12
	3632	-1467	-10

Note: Sample tops are 2 feet lower than electric log tops.

REFERENCE WELL:

Bach Oil Production
 Pete's Pond #1
 1750' FSL & 2416' FWL
 14-1-19W

REMARKS AND RECOMMENDATIONS

Due to the negative DST results this well was plugged and abandoned.

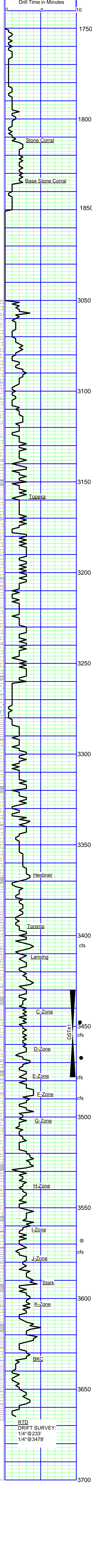
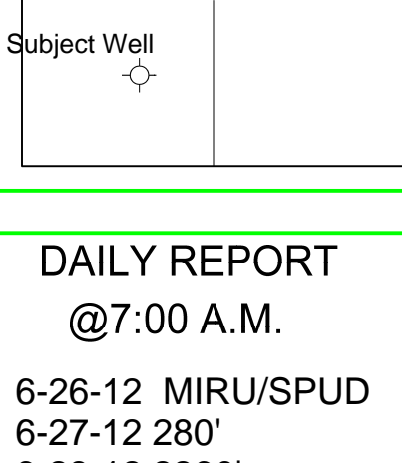
Respectfully submitted,

Robert J. Petersen
 Robert J. Petersen

DAILY REPORT

@7:00 A.M.

6-26-12 MIRU/SPUD
 6-27-12 280'
 6-28-12 2260'
 6-29-12 3120'
 6-30-12 3478' DST #1
 7-01-12 3665' LOGGING



SAMPLE DESCRIPTION

LS; Lt gray, dense + SH; Gray, fine grained, silty (3060)

LS; Gray, fine crystalline, foss, cherty, mottled + SH; Dark gray (3070)

LS; Tan/cream, dense, chalky + SH; Gray (3080)

LS; Cream/gray, fine crystalline to dense, foss + SH; Gray (3090)

LS; Cream, fine crystalline to dense, foss, trace moldic por (3100-3110)

SH; Gray, sandy (fine grained) 3110-3120)

LS; Cream, fine crystalline, foss-subgranular (3130)

LS; Cream/gray, fine crystalline, fossil mottled + SH; Gray, silty (3140)

LS; Cream/gray, fine crystalline to dense + SH; Gray (3150-3160)

SH; Black (3170)

SH; Gray, silty (3159)

LS; Cream/gray, fine crystalline, foss, slightly mottled (3180)

LS; Cream, fine crystalline, foss, granular, moldic por (3190)

LS; Cream, fine crystalline to dense, foss, sl chalky, trace stain (3200)

LS; Cream/lt gray, fine crystalline, foss, trace stain (dead) (3210-3220)

SH; Black (3230)

SD; Gray, fine grained, well-cemented (3240)

LS; Tan/cream, fine crystalline, ool-granular, trace stain (3240)

LS; Tan/gray, fine crystalline, foss, sl dolo, cherty + SH; Gray, silty (3250)

SH; Gray (3260)

LS; Cream/tan, fine crystalline, foss-granular, chalky, cherty w/chert inclusions (3260-3270)

LS; Lt gray, fine crystalline to dense (3280)

SH; Black (3280)

SD; Gray, fine grained, calc, friable (3290)

SH; Red/gray, silty, sandy (3300)

LS; Cream/lt gray, fine crystalline,, foss, chalky, cherty (3300)

SH; Red/gray, silty + SD; Gray, fine grained, friable (3310-3320)

LS; Cream, fine crystalline, foss, sl dolo (3320)

SH; Black (3330)

LS; Cream/gray, fine crystalline, foss, sl dolo, chalky (3330)

LS; Cream, fine crystalline, foss/ool in part, sl chalky (3338)

SH; Red/gray, silty-sandy (3350-3360)

LS; Cream, fine crystalline, dolo, foss w/moldic por, ssfo (3360)

LS; Cream/lt gray, fine crystalline, foss-subgranular, chalky, slightly dolo (3370-3380)

SH; Black (trace 3380/increase 3390)

LS; Tan, fine crystalline, hard, foss (3390)

SH; Gray + SD; Gray, fine grained (3390)

SH; Red/gray, + SD; Gray, fine grained, silty (3400)

SD; Gray, fine grained, well-cemented to friable + SH; Red, silty (3405)

LS; Cream, fine crystalline, foss, dolo, chalky, cherty, trace stain, dead(3405/30')

SH; Gray, sandy (3410)

LS; Cream, fine crystalline to dense, ool, w/trace light stain (3430)

LS; Cream/lt gray, fine crystalline to dense, sl foss, chalky (3440)

SH; Black (tr 3450) + SH; Red/green (3450)

LS; Cream, fine crystalline, foss + LS; Gray, fine crystalline, mottled, foss (3455)

LS; Cream, fine crystalline w/micro gray pyrite mottle, chalky, vssfo, w/light stain on dry (3455/20')

LS; Cream/tan, fine crystalline to dense, foss with poor to fair intercrystalline/moldic por ssfo, no odor + LS; Dark gray/black, dense, cherty (3455/40')

LS; Cream, fine crystalline to dense, blocky + SH; Red (3455/60')

SH; Red/gray, silty (3470)

LS; Cream, fine crystalline, foss w/pt moldic por, cherty (orange-angular) dolomitic, sfo, very faint odor (3478) decrease sfo (3478/20')

SH; Dark gray (3478/20')

LS; Cream, fine crystalline, ool, granular, chalky (3490/30')

SH; Gray/red, silty (3500)

LS; Cream/white, fine crystalline, foss, trace moldic por, chalky, vssfo, patchy dark stain, no odor, no stain on dry (3520/20')

LS; Cream/white, dense, chalky (3510)

SH; Gray (3520)

LS; Cream/lt gray, dense, chaly, sl pyritic (3520)

LS; Cream/tan, fine crystalline, dolomitic, chalky (white-soft), trace stain (3530)

LS; Gray, fine crystalline to dense,foss, chalky (3540)

SH; Black (3540-3550)

SH; Red/gray, silty, sandy (3550)

LS; Cream/tan, fine crystalline, foss, granular in part + LS; White, fine crystalline, foss, chalky-soft (3550)

LS; Cream/lt gray, fine crystalline, dolo, chalky, cherty(tan/angular)(3560)

LS; Gray, fine crystalline, chalky (3570)

SH; Black (3570)

SH; Red/gray (3570)

SH; Maroon/gray, silty (3575)

LS; Cream/lt gray, dense, foss, granular in part w/poor ppt moldic por, sfo, dark tarry, very faint odor (3575/20')

LS; Cream, fine crystalline to dense, foss-subgranular in part, chalky w/ poor intergran and moldic por, ssfo-dark tarry, very faint odor + ssdo (3575/40')

LS; Tan/gray, dense (3575/60')

SH; Red, silty (3575/60')

SH; Red/gray, silty (3590)

LS; Cream, fine crystalline, foss-granular w/poor to fair intergran por, ssfo (black) no odor (3590)

LS; Lt gray, fine crystalline, dolo, chalky (3600)

SH; Black (3610)

SH; Red/gray (3610)

LS; Cream, fine crystalline, foss, chalky (3620-3630)

SH; Black (3640)

SH; Red/gray (3640)

LS; Lt gray, fine crystalline, foss, sl dolo (3640)

LS; Cream, fine crystalline to dense, ool-subgran to gran (3650)

SH; Red/gray, silty-sandy (3650-3660)

LS; Cream, fine crystalline, foss, chalky, sl dolo + LS; Gray, fine crystalline to dense, foss + SH; Red/gray, silty-sandy (36660-3665)

Bit Trip @ 3338'

DST#1
 3430-3478'
 45-45-30-45"
 IF: Surface blow throughout
 FF: None
 RECOVERED:
 40' Mud w/Show of oil
 SIP: 1166-1143#
 FP: 25-30/41-42#
 HP: 1698-1677#

RTD
 DRIFT SURVEY:
 1/4" @ 233'
 1/4" @ 3478'



DRILL STEM TEST REPORT

Prepared For: **Bach Oil Production**

PO Box 723
Alma NE 67920-0723

ATTN: Jason Bach

Don #1

15-1s-19w Phillips,KS

Start Date: 2012.06.30 @ 05:50:37

End Date: 2012.06.30 @ 12:16:31

Job Ticket #: 47430 DST #: 1

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

Printed: 2012.07.12 @ 13:54:09



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Bach Oil Production
 PO Box 723
 Alma NE 67920-0723
 ATTN: Jason Bach

15-1s-19w Phillips,KS

Don #1

Job Ticket: 47430

DST#: 1

Test Start: 2012.06.30 @ 05:50:37

GENERAL INFORMATION:

Formation: **LKC C-D**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:04:32
 Time Test Ended: 12:16:31
 Interval: **3430.00 ft (KB) To 3478.00 ft (KB) (TVD)**
 Total Depth: 3478.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ray Schwager
 Unit No: 42
 Reference Elevations: 2165.00 ft (KB)
 2160.00 ft (CF)
 KB to GR/CF: 5.00 ft

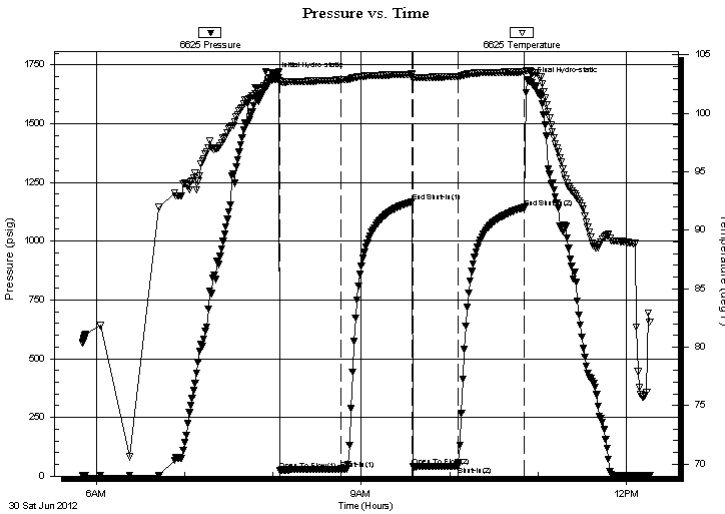
Serial #: 6625

Inside

Press @ Run Depth: 42.44 psig @ 3442.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.06.30 End Date: 2012.06.30 Last Calib.: 2012.06.30
 Start Time: 05:50:37 End Time: 12:16:31 Time On Btm: 2012.06.30 @ 08:01:32
 Time Off Btm: 2012.06.30 @ 10:54:31

TEST COMMENT: 45-IFP-surface bl thru-out
 45-ISIP-no bl
 30-FFP-no bl
 45-FSIP-no bl

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1698.78	102.90	Initial Hydro-static
3	25.87	102.79	Open To Flow (1)
45	30.46	102.85	Shut-In(1)
93	1166.99	103.33	End Shut-In(1)
94	41.53	102.86	Open To Flow (2)
124	42.44	103.13	Shut-In(2)
170	1143.74	103.53	End Shut-In(2)
173	1677.60	103.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	Mud w/show of oil	0.29

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Bach Oil Production
PO Box 723
Alma NE 67920-0723
ATTN: Jason Bach

15-1s-19w Phillips, KS

Don #1

Job Ticket: 47430 **DST#: 1**

Test Start: 2012.06.30 @ 05:50:37

GENERAL INFORMATION:

Formation: **LKC C-D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:04:32

Time Test Ended: 12:16:31

Test Type: Conventional Bottom Hole (Initial)

Tester: Ray Schwager

Unit No: 42

Interval: 3430.00 ft (KB) To 3478.00 ft (KB) (TVD)

Total Depth: 3478.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2165.00 ft (KB)

2160.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8700 Outside

Press @ RunDepth: psig @ 3442.00 ft (KB)

Start Date: 2012.06.30

End Date:

2012.06.30

Start Time: 05:51:01

End Time:

12:15:25

Capacity: 8000.00 psig

Last Calib.:

2012.06.30

Time On Btm:

Time Off Btm:

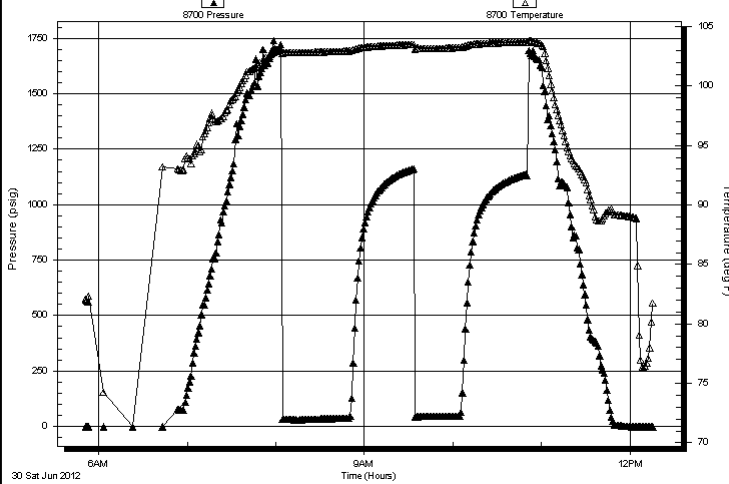
TEST COMMENT: 45-IFP-surface bl thru-out

45-ISIP-no bl

30-FFP-no bl

45-FSIP-no bl

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
40.00	Mud w /show of oil	0.29

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 67920-0723
ATTN: Jason Bach

15-1s-19w Phillips,KS
Don #1
Job Ticket: 47430 **DST#: 1**
Test Start: 2012.06.30 @ 05:50:37

Tool Information

Drill Pipe:	Length: 3392.00 ft	Diameter: 3.80 inches	Volume: 47.58 bbl	Tool Weight:	2200.00 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	55000.00 lb
			<u>Total Volume: 47.73 bbl</u>	Tool Chased	6.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	42000.00 lb
Depth to Top Packer:	3430.00 ft			Final	42000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	48.00 ft				
Tool Length:	76.00 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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Change Over Sub	1.00			3403.00	
Shut In Tool	5.00			3408.00	
Hydraulic tool	5.00			3413.00	
Jars	5.00			3418.00	
Safety Joint	2.00			3420.00	
Packer	5.00			3425.00	28.00 Bottom Of Top Packer
Packer	5.00			3430.00	
Stubb	1.00			3431.00	
Perforations	11.00			3442.00	
Recorder	0.00	6625	Inside	3442.00	
Recorder	0.00	8700	Outside	3442.00	
Blank Spacing	33.00			3475.00	
Bullnose	3.00			3478.00	48.00 Bottom Packers & Anchor

Total Tool Length: 76.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Bach Oil Production
PO Box 723
Alma NE 67920-0723
ATTN: Jason Bach

15-1s-19w Phillips,KS
Don #1
Job Ticket: 47430 **DST#: 1**
Test Start: 2012.06.30 @ 05:50:37

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: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.96 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 800.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	Mud w/show of oil	0.288

Total Length: 40.00 ft Total Volume: 0.288 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

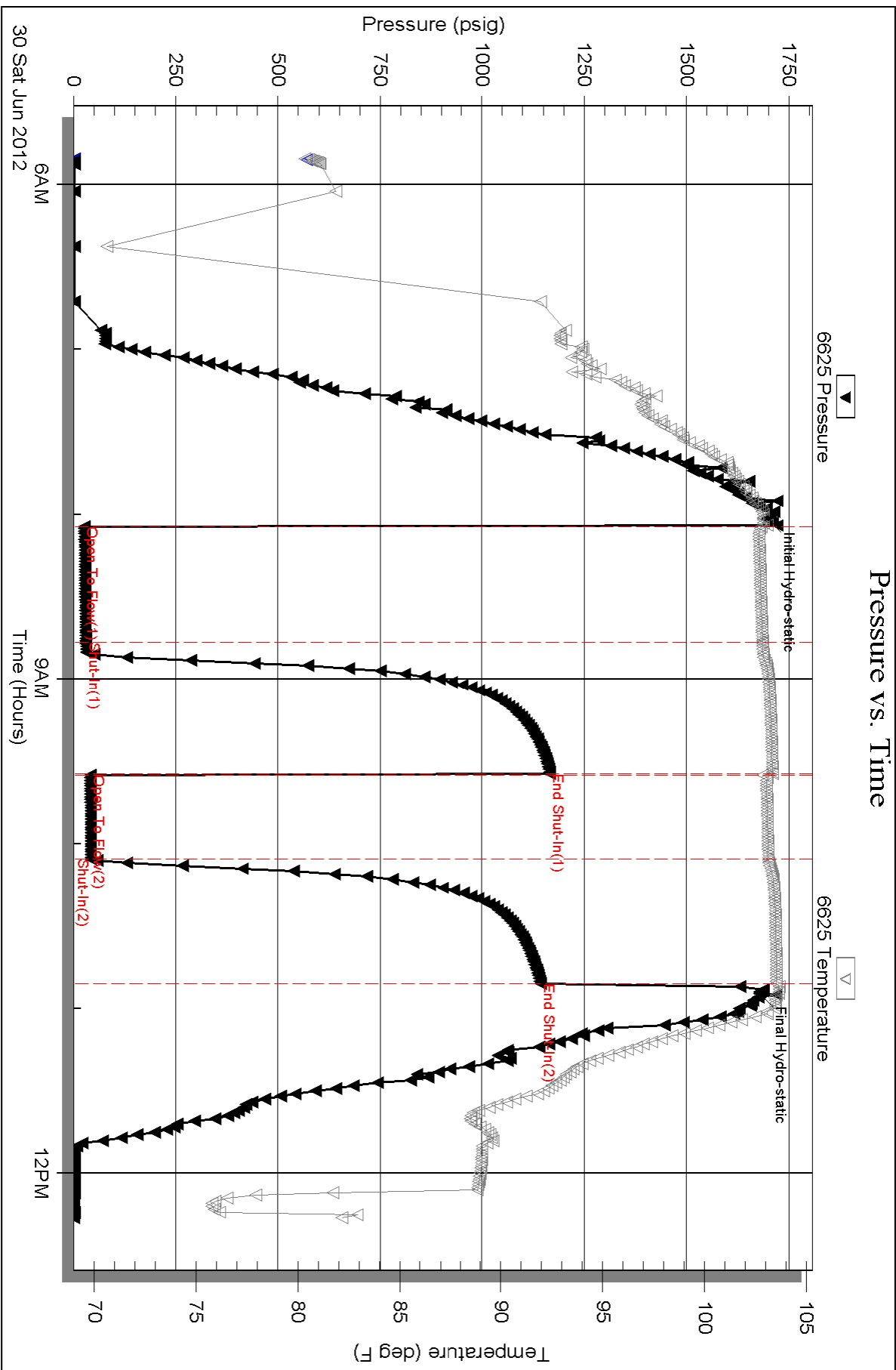
Serial #: 6625

Inside

Bach Oil Production

Don #1

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 47430

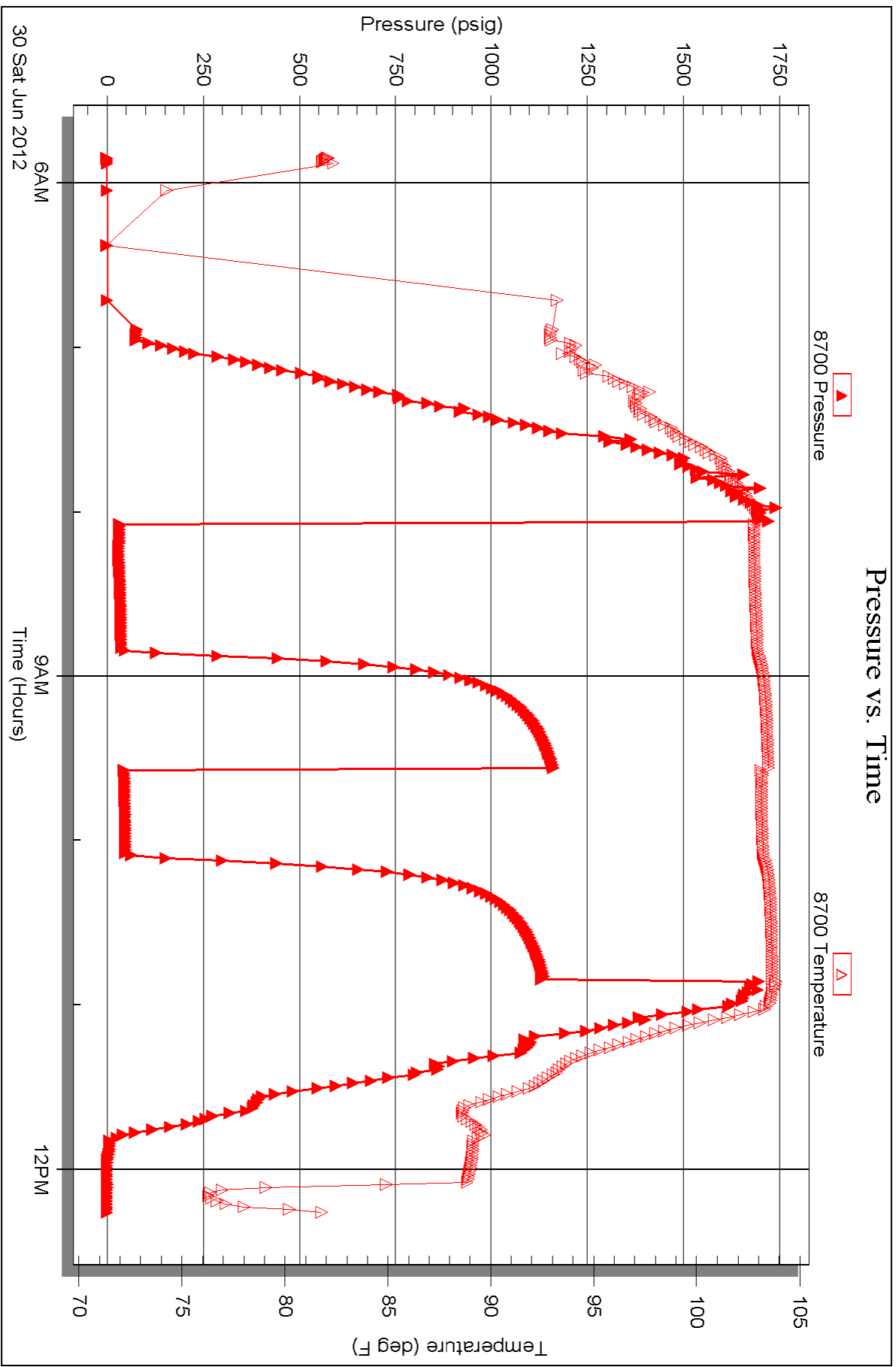
Printed: 2012.07.12 @ 13:54:11

Serial #: 8700

Outside Bach Oil Production

Don #1

DST Test Number: 1





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47430

Well Name & No. Don #1 Test No. 1 Date 6-30-12
 Company Bach Oil Production Elevation 2165 KB 2160 GL
 Address PO Box 723 ALMA, NE 67920-0723
 Co. Rep / Geo. Bob Peterson Rig MURFIN rig 16
 Location: Sec. 15 Twp. 1st Rge. 19^W Co. Phillips State K

Interval Tested 3430-3478 Zone Tested LKC C-D
 Anchor Length 48 Drill Pipe Run 3392 Mud Wt. 9.2
 Top Packer Depth 3425 Drill Collars Run 30 Vis 55
 Bottom Packer Depth 3430 Wt. Pipe Run - WL 8
 Total Depth 3478 Chlorides 800 ppm System LCM 2 1/2 #

Blow Description IFP - SURFACE BLOW THRU-OUT
ISIP - NO BLOW
FFP - NO BLOW
FSIP - NO BLOW

Rec	Feet of	%gas	%oil	%water	%mud
<u>40</u>	<u>Mud w/show of oil</u>				

Rec Total 40 BHT 163 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>1698</u>	<input checked="" type="checkbox"/> Test 1150	T-On Location <u>0525</u>
(B) First Initial Flow <u>25</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>0550</u>
(C) First Final Flow <u>30</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>0805</u>
(D) Initial Shut-In <u>1166</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>1050</u>
(E) Second Initial Flow <u>41</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>1216</u>
(F) Second Final Flow <u>42</u>	<input checked="" type="checkbox"/> Mileage <u>180 RT</u> 279	Comments _____
(G) Final Shut-In <u>1143</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1677</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>1754</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>1754</u>	

Approved By RJ Peterson Our Representative Ray Schwager Thank you

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.

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

October 15, 2012

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

Re: ACO1
API 15-147-20683-00-00
Don 1
SW/4 Sec.15-01S-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