



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1199597
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: _____

1199597

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
--	---

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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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> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Bach, Jason dba Bach Oil Production
Well Name	Delimont 3
Doc ID	1199597

Tops

Name	Top	Datum
Stone Corral	1878	+378
Base Stone Corral	1899	+365
Topeka	3243	-979
Heebner	3451	-1187
Toronto	3478	-1214
Lansing	3495	-1231
Muncie Creek	3608	-1344
Stark	3673	-1409

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

BACH OIL PRODUCTION

WELL: DELIMONT #3

LOC.: 500' FNL & 1100' FEL
SEC. 8-2-19W
PHILLIPS COUNTY, KANSAS
API: 15-147-20730-00-00

ELEVATION

KB: 2264
GL: 2259
LOG MEASURED
FROM: KB

SURFACE CASING

8 5/8" Casing set @ 222'
w/175 SX

PRODUCTION CASING

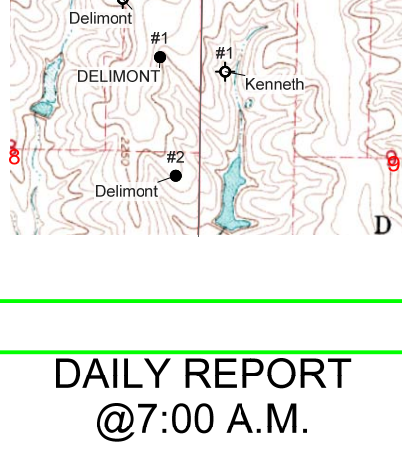
D&A

WELL LOG SURVEYS

NONE

SAMPLE LOG TOPS

FORMATION	DEPTH	DATUM	POSITION
Stone Corral	1878	+386	-11
Base Stone Corral	1899	+365	-14
Topeka	3243	-979	-15
Heebner	3451	-1187	-15
Toronto	3478	-1214	-13
Lansing	3495	-1231	-14
Muncie	3608	-1344	-18
Stark	3673	-1409	-19



REFERENCE WELL:

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

REMARKS AND RECOMMENDATIONS

This well was plugged and abandoned.

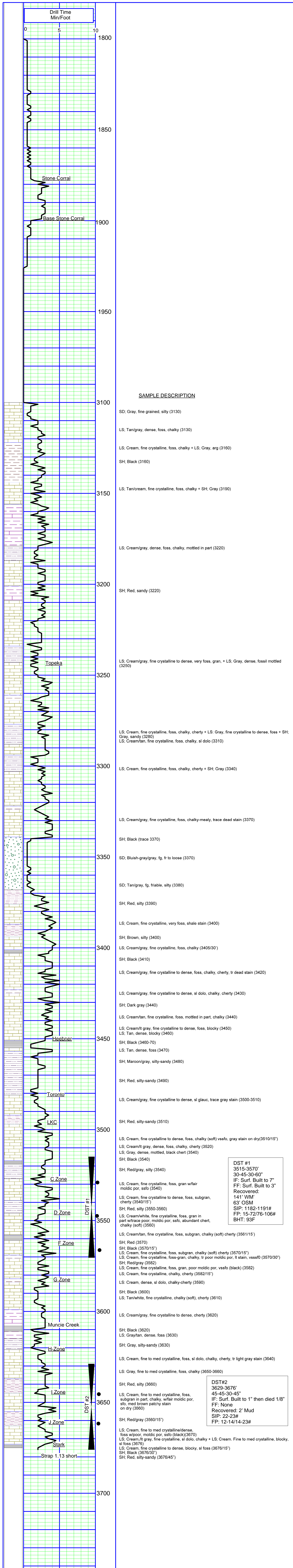
Respectfully submitted,

Robert J. Petersen
Robert J. Petersen

DAILY REPORT

@ 7:00 A.M.

1-3-14 MIRU
1-4-14 415'
1-5-14 2090'
1-6-14 2865'
1-7-14 3405'
1-8-14 3570'





INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 140689

Invoice Date: Jan 3, 2014

Page: 1

Voice: (817) 546-7282

Fax: (817) 246-3361

Bill To:

Bach Oil Production
82 W. 500 Ln.
Phillipsburg, KS 67661

Customer ID	Field Ticket #	Payment Terms	
Bach	55002	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Russell	Jan 3, 2014	2/2/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Delimont #3		
175.00	CEMENT MATERIALS	Class A Common	17.90	3,132.50
3.29	CEMENT MATERIALS	Gel	23.40	76.99
10.00	CEMENT SERVICE	Chloride	64.00	640.00
194.67	CEMENT SERVICE	Cubic Feet Charge	2.48	482.78
439.48	CEMENT SERVICE	Ton Mileage Charge	2.60	1,142.65
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
100.00	CEMENT SERVICE	Heavy Vehicle Mileage -- 2 units	7.70	770.00
50.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	220.00
1.00	CEMENT SUPERVISOR	Tony Pfannenstiel		
1.00	OPERATOR ASSISTANT	Danny Sinner		
1.00	OPERATOR ASSISTANT	Jesse Cozart		

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

\$ 1,994.29

ONLY IF PAID ON OR BEFORE
Jan 28, 2014

Subtotal	7,977.17
Sales Tax	255.99
Total Invoice Amount	8,233.16
Payment/Credit Applied	
TOTAL	8,233.16

ALLIED OIL & GAS SERVICES, LLC 055002

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Russell Ks

Delmont 3

DATE <u>1-3-14</u>	SEC. <u>8</u>	TWP. <u>2</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>10:30 pm</u>	JOB FINISH <u>11:30 pm</u>
LEASE <u>Delinat</u>	WELL# <u>#3</u>	LOCATION <u>Phillipsburg Ks</u>			COUNTY <u>Phillips</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)		<u>A to Hunter rd. 3 1/2 W S into</u>					

CONTRACTOR <u>Murkin #24</u>	OWNER
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/2"</u>	T.D.
CASING SIZE <u>8 7/8"</u>	DEPTH <u>222'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>5'</u>
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS.	
DISPLACEMENT <u>13.18</u>	

CEMENT			
AMOUNT ORDERED	<u>175 com</u>		
	<u>+ 31 cc 21 gal</u>		
COMMON	<u>175 sk</u>	@ <u>17.9</u>	<u>\$3,132.50</u>
POZMIX		@	
GEL	<u>3.29</u>	@ <u>23.4</u>	<u>\$76.99</u>
CHLORIDE	<u>10 sk</u>	@ <u>64.0</u>	<u>\$640.00</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>194.67 lbs</u>	@ <u>2.48</u>	<u>\$482.78</u>
MILEAGE	<u>439.28 Tm</u>	@ <u>2.60</u>	<u>\$1,142.64</u>
			<u>TOTAL \$5,414.94</u>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Tony P.</u>
# <u>417</u>	HELPER <u>Denny S</u>
BULK TRUCK	
# <u>378</u>	DRIVER <u>Jesse C.</u>
BULK TRUCK	
#	DRIVER

REMARKS:

* Circulated mud to Surface
* Ran 175 sk com @ 26.46 hrs
* Disposed cement @ 13.18 hrs
cement circulated to Surface.
* 5 sk 8 7/8" 1 1/2" @ #3 W S into

SERVICE

DEPTH OF JOB	<u>222'</u>		
PUMP TRUCK CHARGE			<u>\$6512.25</u>
EXTRA FOOTAGE		@	
MILEAGE <u>Regen</u>	<u>50</u>	@ <u>7.90</u>	<u>\$395.00</u>
MANIFOLD <u>Light</u>	<u>50</u>	@ <u>4.40</u>	<u>\$220.00</u>
<u>Heavy</u>	<u>50</u>	@ <u>4.70</u>	<u>\$235.00</u>
		@	

TOTAL \$7502.25

CHARGE TO: BACH Oil

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

TOTAL 0

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cement 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)	
TOTAL CHARGES	<u>\$7977.18</u>
DISCOUNT	<u>\$6994.29</u> IF PAID IN 30 DAYS
	<u>net 5982.87</u>

PRINTED NAME Anthony Martin

SIGNATURE Anthony Martin



PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 140741
Invoice Date: Jan 9, 2014
Page: 1

Bill To:
Bach Oil Production 82 W. 500 Ln. Phillipsburg, KS 67661

Customer ID	Field Ticket #	Payment Terms	
Bach	61397	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-03	Oakley	Jan 9, 2014	2/8/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Delimont #3		
123.00	CEMENT MATERIALS	Class A Common	17.90	2,201.70
82.00	CEMENT MATERIALS	Pozmix	9.35	766.70
7.00	CEMENT MATERIALS	Gel	23.40	163.80
51.00	CEMENT MATERIALS	Flo Seal	2.97	151.47
220.15	CEMENT SERVICE	Cubic Feet Charge	2.48	545.97
440.50	CEMENT SERVICE	Ton Mileage Charge	2.60	1,145.30
1.00	CEMENT SERVICE	Plug to Abandon	1,250.00	1,250.00
50.00	CEMENT SERVICE	Pump Truck Mileage	7.70	385.00
50.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	220.00
1.00	EQUIPMENT SALES	8-5/8 Wooden Plug	107.64	107.64
1.00	CEMENT SUPERVISOR	Kelly Gabel		
1.00	EQUIPMENT OPERATOR	Wayne McGhghy		

Subtotal	6,937.58
Sales Tax	461.35
Total Invoice Amount	7,398.93
Payment/Credit Applied	
TOTAL	7,398.93

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

\$ 1,365.98

ONLY IF PAID ON OR BEFORE
Feb 3, 2014

ALLIED OIL & GAS SERVICES, LLC 061397

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT
Oakley, KS

DATE <u>1-9-14</u>	SEC. <u>8</u>	TWP. <u>2</u>	RANGE <u>19W</u>	CALLED OUT	ON LOCATION	JOB START <u>12:30 PM</u>	JOB FINISH <u>1:00 PM</u>
LEASE <u>Belmont</u>	WELL # <u>#3</u>	LOCATION <u>Long Island KS 6209dentel</u>			COUNTY <u>Phillips</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)		RD <u>3 1/2 E 5000</u>					

CONTRACTOR Munfin #24 OWNER Same

TYPE OF JOB DVA

HOLE SIZE 7 7/8 T.D. _____ CEMENT _____

CASING SIZE _____ DEPTH _____ AMOUNT ORDERED 205 60/40 490 gel

TUBING SIZE _____ DEPTH _____ 1/4 # fluecel

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

EQUIPMENT

PUMP TRUCK CEMENTER Nelly #422
422 HELPER Wayne McGibghy
BULK TRUCK
3963306 DRIVER Juan Money (Gas)
BULK TRUCK
_____ DRIVER _____

COMMON	123 @ 17.90	2201.70
POZMIX	82 @ 9.35	766.70
GEL	7 @ 23.40	163.80
CHLORIDE	@	
ASC	@	
	<u>fluecel 51 # @ 2.97</u>	<u>151.47</u>
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	<u>230.15 cu ft @ 2.48</u>	<u>545.97</u>
MILEAGE	<u>8.8175 @ 50 x 2.00</u>	<u>1745.30</u>
TOTAL		<u>4974.94</u>

REMARKS:

25 @ 18.90
100 @ 12.60
40 @ 2.70
10 @ 40 w/ 1/2 in plug
30 R#

Thank You
Nelly & crew

SERVICE

DEPTH OF JOB	1890
PUMP TRUCK CHARGE	1250.00
EXTRA FOOTAGE	@
MILEAGE M.I.V 50	@ 4.40 220.00
MANIFOLD	@
M.I.H.V 50	@ 7.70 385.00
	@
TOTAL	<u>1855.00</u>
TOTAL	<u>3890.00</u>

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

PLUG & FLOAT EQUIPMENT

1-8 7/8 Wooden Plug	@	107.64
	@	
	@	
	@	
TOTAL		<u>107.64</u>

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) _____
TOTAL CHARGES 6,937.58
DISCOUNT 1,365.98 IF PAID IN 30 DAYS
5,571.59 Net

PRINTED NAME Anthony Martin
SIGNATURE Anthony Martin



DRILL STEM TEST REPORT

Prepared For: **Bach Oil Production**

P.O. Box 723
Alma NE 68920

ATTN: Bob Peterson

Delimont #3

8-2s-19w Phillips,KS

Start Date: 2014.01.07 @ 00:48:00

End Date: 2014.01.07 @ 09:04:30

Job Ticket #: 55152 DST #: 1

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

Printed: 2014.01.10 @ 09:16:16



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Bach Oil Production

8-2s-19w Phillips,KS

P.O. Box 723
Alma NE 68920

Delimont #3

Job Ticket: 55152

DST#: 1

ATTN: Bob Peterson

Test Start: 2014.01.07 @ 00:48:00

GENERAL INFORMATION:

Formation: **C-D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:28:15

Time Test Ended: 09:04:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Royal Fisher

Unit No: #44

Interval: 3515.00 ft (KB) To 3570.00 ft (KB) (TVD)

Reference Elevations: 2264.00 ft (KB)

Total Depth: 3570.00 ft (KB) (TVD)

2259.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8879

Inside

Press@RunDepth: 102.09 psig @ 3516.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.07 End Date: 2014.01.07

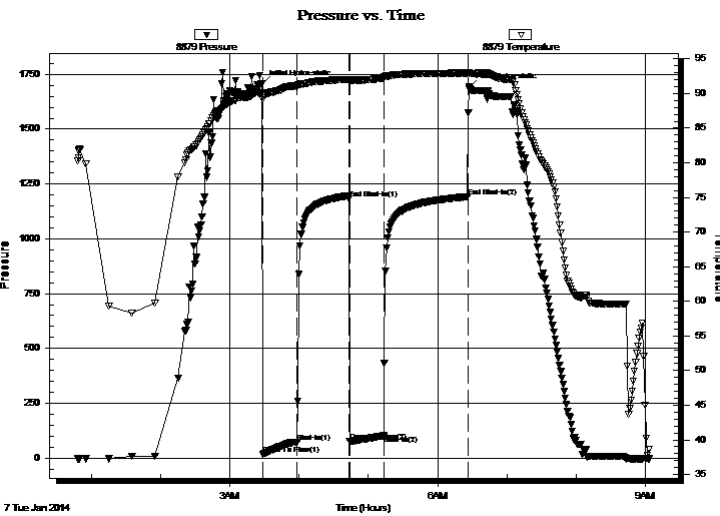
Last Calib.: 2014.01.08

Start Time: 00:48:05 End Time: 09:04:29

Time On Btm: 2014.01.07 @ 03:28:00

Time Off Btm: 2014.01.07 @ 06:27:15

TEST COMMENT: 30 - IF - Surface blow built to 7"
45 - ISI - No return
30 - FF - Surface blow built to 3"
60 - FSI - No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1705.59	90.07	Initial Hydro-static
1	15.00	89.14	Open To Flow (1)
31	72.89	91.09	Shut-In(1)
76	1182.75	92.04	End Shut-In(1)
76	76.00	91.66	Open To Flow (2)
106	102.09	92.21	Shut-In(2)
178	1191.97	92.96	End Shut-In(2)
180	1691.62	92.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	OSM - 100M - oil spots	0.31
141.00	WM - 55W - 45M	1.42

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Bach Oil Production

8-2s-19w Phillips,KS

P.O. Box 723
Alma NE 68920

Delimont #3

Job Ticket: 55152

DST#: 1

ATTN: Bob Peterson

Test Start: 2014.01.07 @ 00:48:00

Tool Information

Drill Pipe:	Length: 3392.00 ft	Diameter: 3.80 inches	Volume: 47.58 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 54000.00 lb
			<u>Total Volume: 48.19 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3515.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	55.00 ft			
Tool Length:	82.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3493.00	
Hydraulic tool	5.00			3498.00	
Jars	5.00			3503.00	
Safety Joint	3.00			3506.00	
Packer	4.00			3510.00	27.00 Bottom Of Top Packer
Packer	5.00			3515.00	
Stubb	1.00			3516.00	
Recorder	0.00	6669	Inside	3516.00	
Recorder	0.00	8879	Inside	3516.00	
Perforations	18.00			3534.00	
Change Over Sub	1.00			3535.00	
Drill Pipe	31.00			3566.00	
Change Over Sub	1.00			3567.00	
Bullnose	3.00			3570.00	55.00 Bottom Packers & Anchor

Total Tool Length: 82.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Bach Oil Production

8-2s-19w Phillips,KS

P.O. Box 723
Alma NE 68920

Delimont #3

Job Ticket: 55152

DST#: 1

ATTN: Bob Peterson

Test Start: 2014.01.07 @ 00:48:00

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:

70000 ppm

Viscosity: 66.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	OSM - 100M - oil spots	0.310
141.00	WM - 55W - 45M	1.422

Total Length: 204.00 ft

Total Volume: 1.732 bbl

Num Fluid Samples: 0

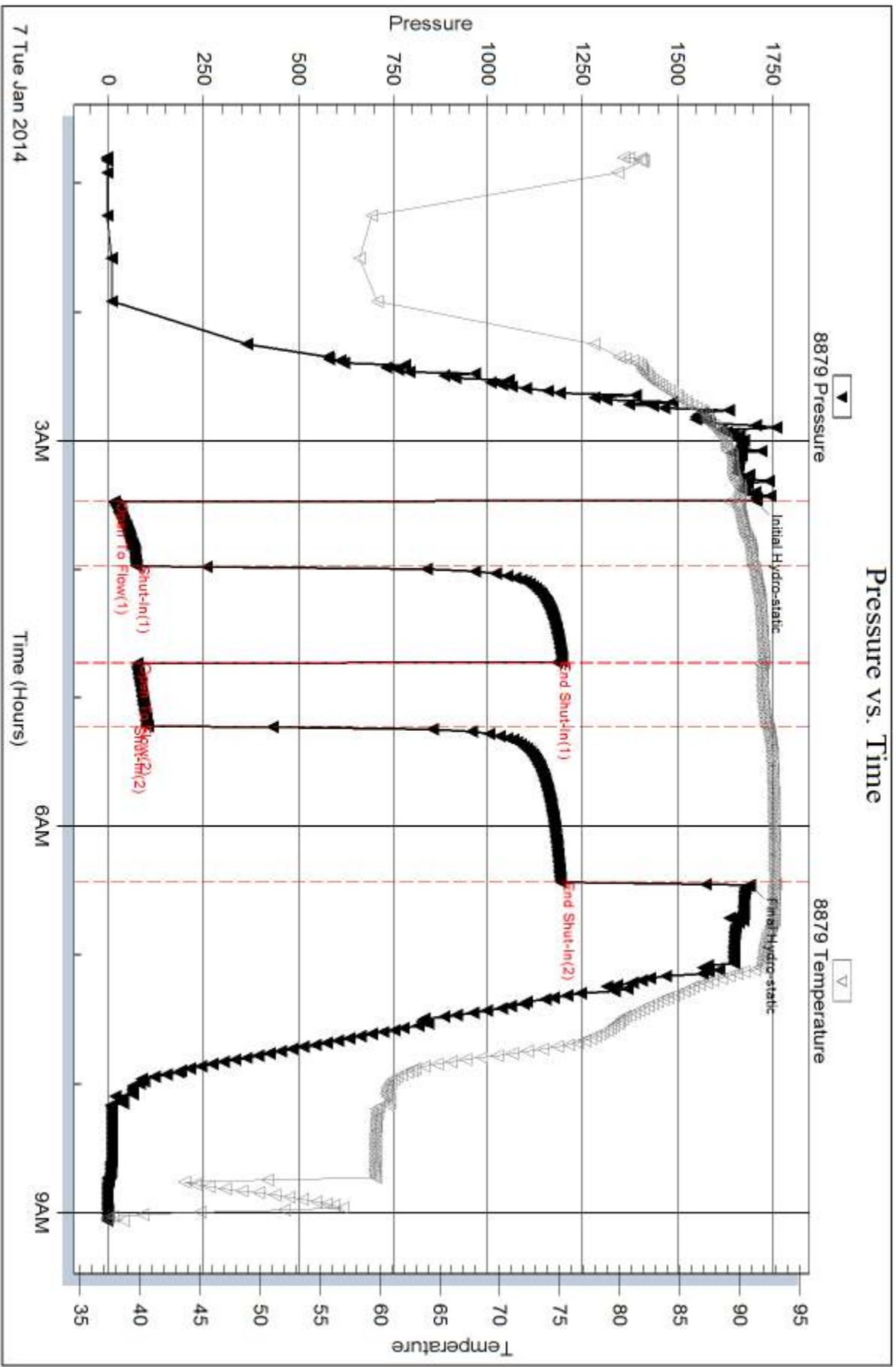
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Bach Oil Production**

P.O. Box 723
Alma NE 68920

ATTN: Bob Peterson

Delimont #3

8-2s-19w Phillips,KS

Start Date: 2014.01.08 @ 20:06:00

End Date: 2014.01.09 @ 03:52:00

Job Ticket #: 55153 DST #: 2

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

Printed: 2014.01.10 @ 09:15:40



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Bach Oil Production

8-2s-19w Phillips,KS

P.O. Box 723
Alma NE 68920

Delimont #3

Job Ticket: 55153

DST#: 2

ATTN: Bob Peterson

Test Start: 2014.01.08 @ 20:06:00

GENERAL INFORMATION:

Formation: **I-J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:53:00
 Time Test Ended: 03:52:00
 Interval: **3629.00 ft (KB) To 3676.00 ft (KB) (TVD)**
 Total Depth: 3676.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Royal Fisher
 Unit No: #44
 Reference Elevations: 2264.00 ft (KB)
 2259.00 ft (CF)
 KB to GR/CF: 5.00 ft

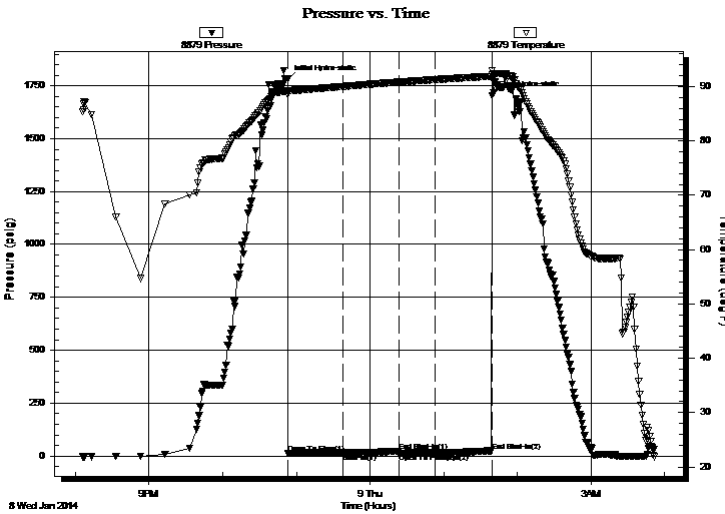
Serial #: 8879

Inside

Press@RunDepth: 14.56 psig @ 3630.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.01.08 End Date: 2014.01.09 Last Calib.: 2014.01.09
 Start Time: 20:06:05 End Time: 03:51:59 Time On Btm: 2014.01.08 @ 22:52:45
 Time Off Btm: 2014.01.09 @ 01:39:15

TEST COMMENT: 45 - IF - Surface blow built to 1" then died off an 1/8"
 45 - ISI - No Return
 30 - FF - No Surface blow
 45 - FSI - No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1781.32	89.19	Initial Hydro-static
1	12.28	88.53	Open To Flow (1)
46	14.19	90.02	Shut-In(1)
91	22.99	90.82	End Shut-In(1)
91	12.71	90.81	Open To Flow (2)
121	14.56	91.28	Shut-In(2)
167	23.75	91.90	End Shut-In(2)
167	1705.27	92.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud - 100M	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Bach Oil Production

8-2s-19w Phillips,KS

P.O. Box 723
Alma NE 68920

Delimont #3

Job Ticket: 55153

DST#: 2

ATTN: Bob Peterson

Test Start: 2014.01.08 @ 20:06:00

Tool Information

Drill Pipe:	Length: 3500.00 ft	Diameter: 3.80 inches	Volume: 49.10 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: 115.00 ft	Diameter: 2.25 inches	Volume: 0.57 bbl	Weight to Pull Loose: 56000.00 lb
			<u>Total Volume: 49.67 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3629.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	47.00 ft			
Tool Length:	74.00 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			3607.00	
Hydraulic tool	5.00			3612.00	
Jars	5.00			3617.00	
Safety Joint	3.00			3620.00	
Packer	4.00			3624.00	27.00 Bottom Of Top Packer
Packer	5.00			3629.00	
Stubb	1.00			3630.00	
Recorder	0.00	6669	Inside	3630.00	
Recorder	0.00	8879	Inside	3630.00	
Perforations	10.00			3640.00	
Change Over Sub	1.00			3641.00	
Drill Pipe	31.00			3672.00	
Change Over Sub	1.00			3673.00	
Bullnose	3.00			3676.00	47.00 Bottom Packers & Anchor

Total Tool Length: 74.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Bach Oil Production

8-2s-19w Phillips,KS

P.O. Box 723
Alma NE 68920

Delimont #3

Job Ticket: 55153

DST#: 2

ATTN: Bob Peterson

Test Start: 2014.01.08 @ 20:06:00

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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Mud - 100M	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

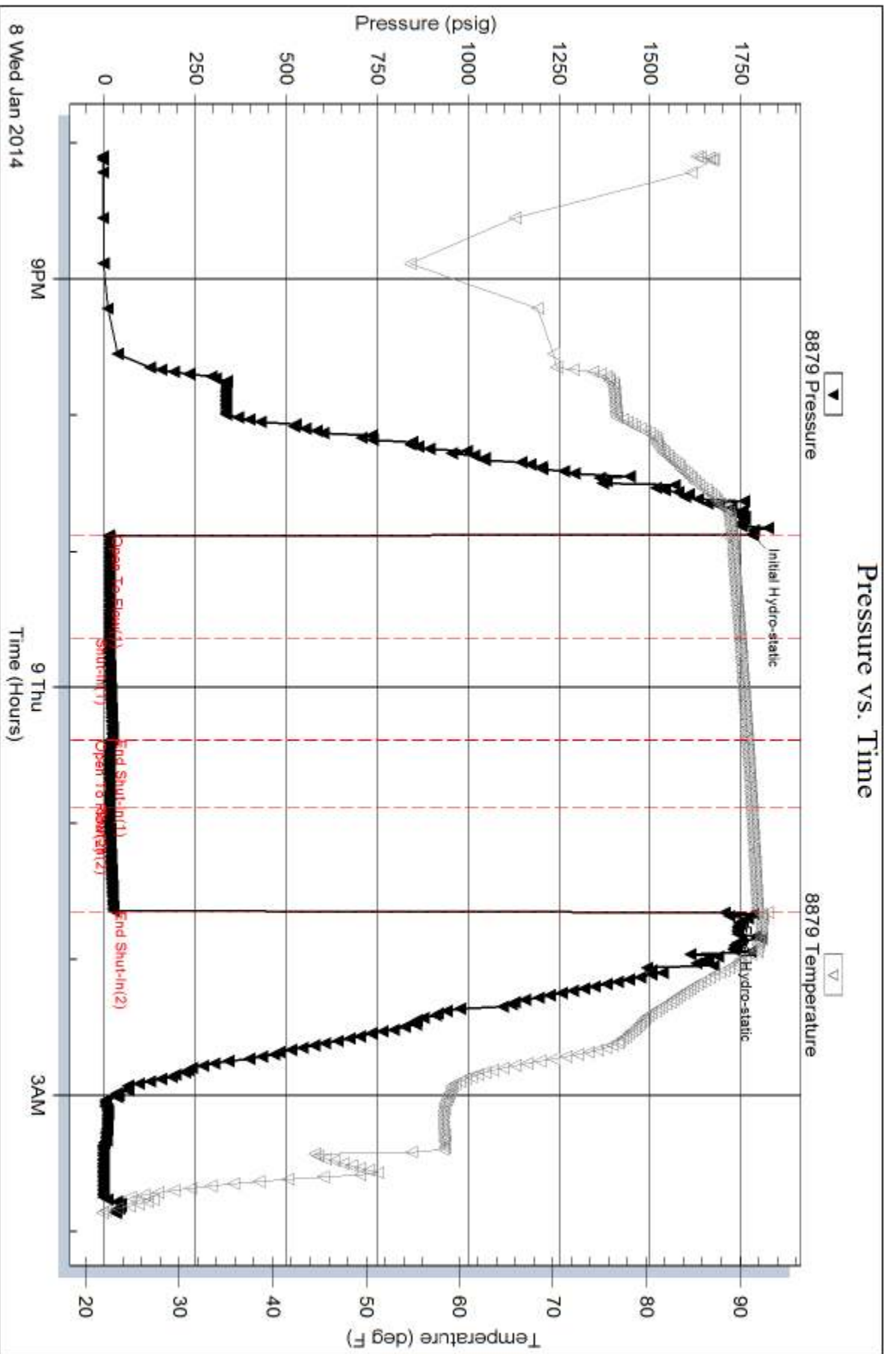
Serial #: 8879

Inside

Bach Oil Production

Delmont #3

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 55153

Printed: 2014.01.10 @ 09:15:42

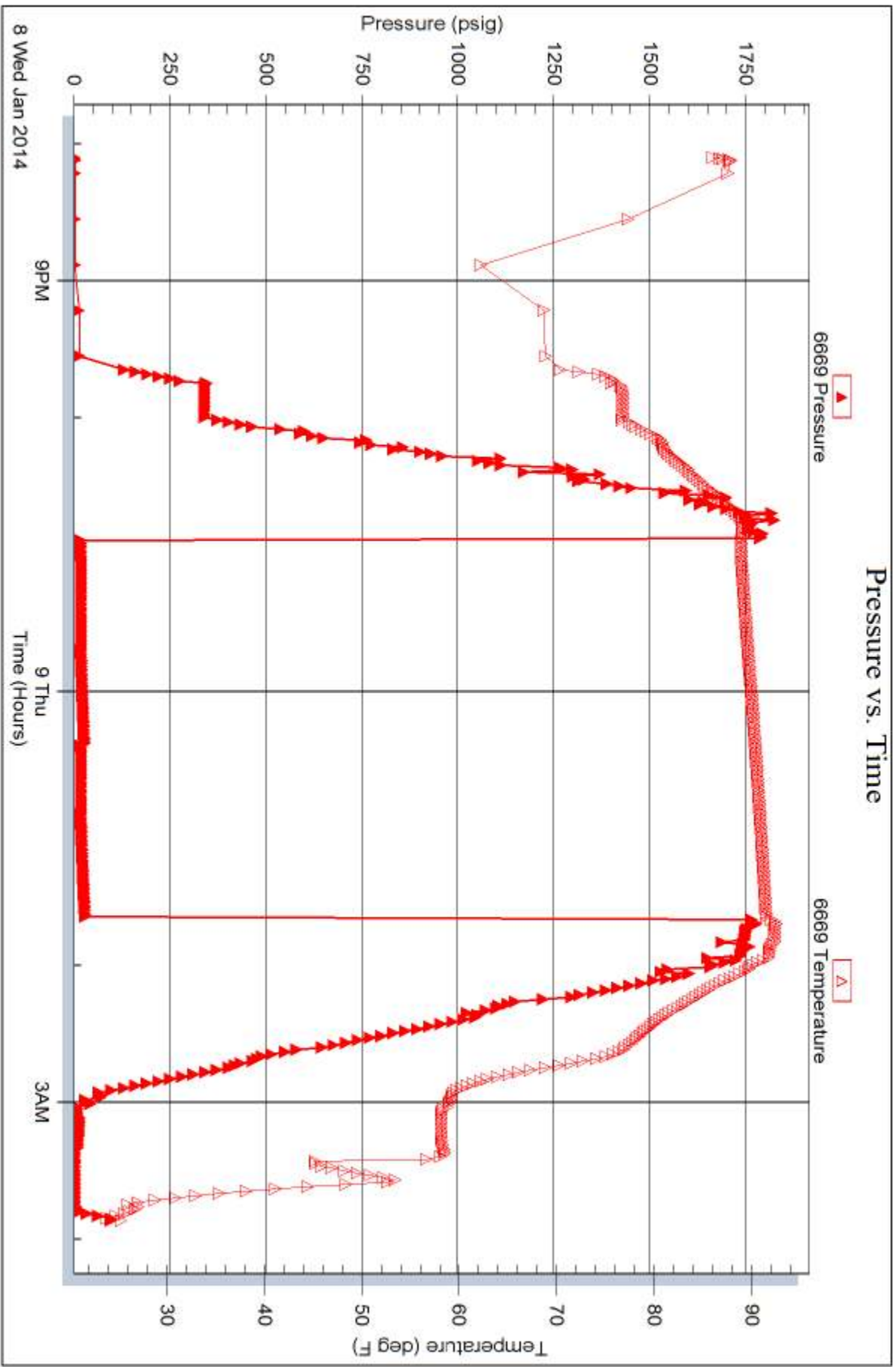
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Inside

Bach Oil Production

Delmont #3

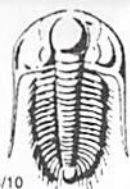
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 55153

Printed: 2014.01.10 @ 09:15:43



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 55152

Well Name & No. Delimant #3 Test No. 1 Date 1-7-2014
 Company Bach Oil Production Elevation 2264 KB 2259 GL
 Address P.O. Box 723 Alma Ne. 68920
 Co. Rep / Geo. Bob Peterson Rig Murfin #24
 Location: Sec. 8 Twp. 2 Rge. 19W Co. Phillips State KS

Interval Tested 3515 - 3570 Zone Tested C-D
 Anchor Length 55 Drill Pipe Run 3392 Mud Wt. 8.9
 Top Packer Depth 3511 Drill Collars Run 124 Vis 600
 Bottom Packer Depth 3515 Wt. Pipe Run 8 WL 5.6
 Total Depth 3570 Chlorides 200 ppm System LCM 1/2#

Blow Description IF - Surface blow built to 7"
ISI - No return
FF - Surface blow built to 3"
FSI - No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>141'</u>	<u>WM</u>		<u>55</u>	<u>45</u>	
<u>63</u>	<u>OSM</u>	<u>spots</u>		<u>100</u>	

Rec Total 204' BHT 93F Gravity API RW 294 @ 27 °F Chlorides 70,000 ppm

(A) Initial Hydrostatic 1705 Test 1150 T-On Location 11:40pm
 (B) First Initial Flow 15 Jars 250 T-Started 12:48am
 (C) First Final Flow 72 Safety Joint 75 T-Open 3:28am
 (D) Initial Shut-In 1182 Circ Sub N/C T-Pulled 6:13am
 (E) Second Initial Flow 76 Hourly Standby _____ T-Out 9:06am
 (F) Second Final Flow 102 Mileage 170 R/T 263.50 Comments _____
 (G) Final Shut-In 1191 Sampler _____
 (H) Final Hydrostatic 11691 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 1738.50
 Final Shut-In 60 Accessibility _____ MP/DST Disc't _____
 Sub Total 1738.50

Approved By _____ Our Representative [Signature]

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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **55153**

4/10

Well Name & No. Delimont #3 Test No. 2 Date 1-8-14
 Company Bach Oil Production Elevation 2264 KB 2259 GL
 Address P.O. Box 723 Alma Ne. 68920
 Co. Rep / Geo. Bob Peterson Rig Murfin 24
 Location: Sec. 8 Twp. 2 Rge. 19w Co. Phillips State KS

Interval Tested 3629-3676 Zone Tested I-J
 Anchor Length 47' Drill Pipe Run 3500 Mud Wt. 9.2
 Top Packer Depth 3625 Drill Collars Run 115' Vis 60
 Bottom Packer Depth 3629 Wt. Pipe Run 0 WL 6.4
 Total Depth 3676 Chlorides 1000 ppm System LCM 1/2#
 Blow Description IF - Surface blow built to 1" then died off an 1/8"
ISI - No Return
FF - No Surface blow
FSI - No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>2'</u>	<u>Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 2' BHT 93°F Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1781 Test 1150 T-On Location 7:00pm
 (B) First Initial Flow 12 Jars 250 T-Started 8:06pm
 (C) First Final Flow 14 Safety Joint 75 T-Open 10:53pm
 (D) Initial Shut-In 22 Circ Sub N/C T-Pulled 11:38am
 (E) Second Initial Flow 12 Hourly Standby _____ T-Out 3:52am
 (F) Second Final Flow 14 Mileage 170 B/T 263.50 Comments loaded tool after test
 (G) Final Shut-In 23 Sampler _____
 (H) Final Hydrostatic 1705 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____

Initial Open 45 Extra Packer _____ Extra Copies _____
 Initial Shut-In 45 Extra Recorder _____ Sub Total 0
 Final Flow 30 Day Standby _____ Total 1738.50
 Final Shut-In 45 Accessibility _____ MP/DST Disc't _____
 Sub Total 1738.50

Approved By _____ Our Representative [Signature]

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