



KANSAS CORPORATION COMMISSION 1056415
 OIL & GAS CONSERVATION DIVISION

Form ACO-1
 June 2009
 Form Must Be Typed
 Form must be Signed
 All blanks must be Filled

WELL COMPLETION FORM
 WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 31569
 Name: Bach, Jason dba Bach Oil Production
 Address 1: PO BOX 723
 Address 2: _____
 City: ALMA State: NE Zip: 68920 + 0723
 Contact Person: Jason Bach
 Phone: (308) 928-8920
 CONTRACTOR: License # 30606
 Name: Murfin Drilling Co., Inc.
 Wellsite Geologist: Bob Peterson
 Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
 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
 Conv. to GSW

Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

4/06/2011	4/11/2011	4/14/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-163-23945-00-00
 Spot Description: _____
SE NE SW SE Sec. 27 Twp. 6 S. R. 20 East West
850 Feet from North / South Line of Section
1610 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Rooks
 Lease Name: Dewey Well #: 1
 Field Name: Wildcat
 Producing Formation: None
 Elevation: Ground: 2178 Kelly Bushing: 2183
 Total Depth: 3725 Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at: 218 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set: _____ Feet
 If Alternate II completion, cement circulated from: 1228
 feet depth to: 0 w/ 210 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 11000 ppm Fluid volume: 500 bbls
 Dewatering method used: Evaporated
 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

Letter of Confidentiality Received
 Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
 ALT I II III Approved by: Deanna Garcia Date: 07/11/2011



1056415

Operator Name: Bach, Jason dba Bach Oil Production Lease Name: Dewey Well #: 1
 Sec. 27 Twp. 6 S. R. 20 East West County: Rooks

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name Attached	Top Attached	Datum Attached
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

List All E. Logs Run:
Rag

CASING RECORD <input checked="" 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
Surface	12.25	8.625	20	218	COM	210	3% CC/2% Gel

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	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
-----------------------------------	-----------	---------	-------------	---------------	---------

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
-------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------

Form	ACO1 - Well Completion
Operator	Bach, Jason dba Bach Oil Production
Well Name	Dewey 1
Doc ID	1056415

Tops

Anhydrite	1776	+407
Base Anhydrite	1807	+376
Topeka	3183	-1000
Heebner	3384	-1201
Toronto	3406	-1223
Lansing	3421	-1238
Base Kansas City	3625	-1442
Arbuckle	3679	-1496



PO BOX 31 Russell, KS 67665

*DR
5-5-11*

INVOICE

Invoice Number: 126824

Invoice Date: Apr 7, 2011

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

Bill To:

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

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Bach	Dewey #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Russell	Apr 7, 2011	5/7/11

Quantity	Item	Description	Unit Price	Amount
210.00	MAT	Class A Common	16.25	3,412.50
4.00	MAT	Gel	21.25	85.00
7.00	MAT	Chbride	58.20	407.40
221.00	SER	Handling	2.25	497.25
45.00	SER	Mileage 221 sx @.11 per sk per mi	24.31	1,093.95
1.00	SER	Surface	1,125.00	1,125.00
90.00	SER	Pump Truck Mileage	7.00	630.00
90.00	SER	Light Vehicle Mileage	4.00	360.00
1.00	CEMENTER	Shane Poche		
1.00	CEMENTER	Heath Long		
1.00	OPER ASSIST	Tony Pfannenstiel		
1.00	EQUIP OPER	Ron Bennett		
1.00	OPER ASSIST	Mark Radke		

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

\$ 1522.23

ONLY IF PAID ON OR BEFORE
May 2, 2011

Subtotal	7,611.10
Sales Tax	
Total Invoice Amount	7,611.10
Payment/Credit Applied	
TOTAL	7,611.10

ALLIED CEMENTING CO., LLC. 039582

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

SERVICE POINT:
Russell

DATE <u>4/7/11</u>	SEC. <u>27</u>	TWP. <u>6</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION <u>6:00 pm</u>	JOB START <u>9:30 AM</u>	JOB FINISH <u>10:00 AM</u>
LEASE <u>Dewey</u>	WELL # <u>1</u>	LOCATION <u>Damar N to Logan Rd</u>				COUNTY <u>Rooks</u>	STATE <u>Ks</u>
OLD OR NEW (Circle one) <u>NEW</u>		<u>2N 2E</u>					

CONTRACTOR Mupkin Drilling Rg #16
TYPE OF JOB Surface Sol
HOLE SIZE 12 1/4 T.D. 220'
CASING SIZE 5 5/8 DEPTH 218.05'
TUBING SIZE _____ DEPTH _____
DRILL PIPE _____ DEPTH _____
TOOL _____ DEPTH _____
PRES. MAX _____ MINIMUM _____
MEAS. LINE _____ SHOE JOINT _____
CEMENT LEFT IN CSG. 15'
PERFS. _____
DISPLACEMENT 12.93

EQUIPMENT

PUMP TRUCK CEMENTER Shane Heath
409 HELPER Tony
BULK TRUCK _____
410 DRIVER Ron
BULK TRUCK _____
378 DRIVER Mark

REMARKS:

Raw site + casing Jt.
Est. Circulation
Mixed 210 sts
Cement Circulated

CHARGE TO: Daeh Oil Production
STREET _____
CITY _____ STATE _____ ZIP _____

Thanks!

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment
and furnish cement and labor to assist cementing

OWNER _____
CEMENT AMOUNT ORDERED 210 Con 39 cc
28 Gel

COMMON	<u>210</u>	@	<u>16.25</u>	<u>3412.50</u>
POZMIX		@		
GEL	<u>4</u>	@	<u>21.25</u>	<u>85.00</u>
CHLORIDE	<u>7</u>	@	<u>58.20</u>	<u>407.40</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>221</u>	@	<u>2.25</u>	<u>497.25</u>
MILEAGE	<u>11/5k/mi</u>			<u>1093.95</u>
TOTAL				<u>5496.10</u>

SERVICE

DEPTH OF JOB	_____			
PUMP TRUCK CHARGE				<u>1125.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>90</u>	@	<u>7.00</u>	<u>630.00</u>
MANIFOLD		@		
Lum	<u>90</u>	@	<u>4.00</u>	<u>360.00</u>
<u>4 hrs wait Time</u>		@		
TOTAL				<u>2115.00</u>

PLUG & FLOAT EQUIPMENT

_____	@			
_____	@			
_____	@			
_____	@			
_____	@			



PO BOX 31 Russell, KS 67665

PR
5-571

INVOICE

Invoice Number: 126865

Invoice Date: Apr 11, 2011

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

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

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Bach	Dewey #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-03	Oakley	Apr 11, 2011	5/11/11

Quantity	Item	Description	Unit Price	Amount
147.00	MAT	Class A Common	16.25	2,388.75
98.00	MAT	Pozmix	8.50	833.00
8.00	MAT	Gel	21.25	170.00
61.00	MAT	Flo Seal	2.70	164.70
253.00	SER	Handling	2.25	569.25
45.00	SER	Mileage 253 sx @ .11 per sk per mi	27.83	1,252.35
1.00	SER	Plug	2,225.00	2,225.00
90.00	SER	Pump Truck Mileage	7.00	630.00
90.00	SER	Light Vehicle Mileage	4.00	360.00
1.00	CEMENTER	David West		
1.00	EQUIP OPER	Wayne McGhghy		
1.00	OPER ASSIST	Kevin Weighous		

<p>ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF</p> <p>\$ 1718.61</p> <p>ONLY IF PAID ON OR BEFORE May 6, 2011</p>	Subtotal	8,593.05
	Sales Tax	541.36
	Total Invoice Amount	9,134.41
	Payment/Credit Applied	
	TOTAL	9,134.41

ALLIED CEMENTING CO., LLC. 037183

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

SERVICE POINT:

Dakota KS

DATE <u>4-11-2011</u>	SEC. <u>27</u>	TWP. <u>6S</u>	RANGE <u>20W</u>	CALLED OUT	ON LOCATION	JOB START <u>5:00PM</u>	JOB FINISH <u>10:00PM</u>
LEASE <u>Dewey</u>	WELL # <u>1</u>	LOCATION <u>Damarks, 8N, 3E, 3N,</u>	COUNTY <u>Rooks</u>	STATE <u>KS</u>			
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>1E, 1N, W/INTO</u>				

CONTRACTOR Mud Fin #16 OWNER Beck Oil

TYPE OF JOB Plug

HOLE SIZE 7 7/8 T.D. 3661

CASING SIZE 8 5/8 DEPTH

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 DEPTH 3661

TOOL DEPTH

PRES. MAX 600 PSI MINIMUM -

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT Fresh Water & Mud

EQUIPMENT

PUMP TRUCK CEMENTER David W.

422 HELPER Wayne M.

BULK TRUCK

344/170 DRIVER Kevin W.

BULK TRUCK

DRIVER

CEMENT

AMOUNT ORDERED 245 SK 60:40:4%

Gel + 1/4# Flo-seal

COMMON	<u>147 SKS</u>	@ <u>16.25</u>	<u>2388.75</u>
POZMIX	<u>98 SKS</u>	@ <u>8.50</u>	<u>833.00</u>
GEL	<u>8 SKS</u>	@ <u>21.25</u>	<u>170.00</u>
CHLORIDE		@	
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>253</u>	@ <u>2.25</u>	<u>569.25</u>
MILEAGE	<u>114 PER SK/MILE</u>		<u>1252.00</u>
TOTAL			<u>5378.05</u>

REMARKS:

- 1st Plug 3661 FT 25SX
- 2nd Plug 1790 FT 25SX
- 3rd Plug 1180 FT 100SX
- 4th Plug 270 FT 40SX
- 5th Plug 40 FT 10SX
- Rat 30SX
- Mouse 15SX

SERVICE

DEPTH OF JOB	<u>3611</u>		
PUMP TRUCK CHARGE			<u>2225.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>45 X 2</u>	@ <u>7.00</u>	<u>630.00</u>
MANIFOLD		@	
<u>LEIGHT VENCE 45X2</u>		@ <u>4.00</u>	<u>360.00</u>
		@	

TOTAL 3215.00

CHARGE TO: Beck Oil

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

BACH OIL PRODUCTION

WELL: DEWEY #1

**LOC.: 850' FSL & 1610' FEL
SEC. 27-6-20W**

ROOKS COUNTY, KANSAS
API: 15-163-23945-00-00

ELEVATION

KB: 2183'
GL: 2178'
LOG MEASURED
FROM: KB

DRILLING CONTR.: MURFIN RIG #16
SPUD: 4-6-11 COMP: 04-11-11
MUD UP: 2800' TYPE MUD: CHEM.
DRILL TIME: 2900-RTD
RTD: 3725' LTD: 3724'
SAMPLES SAVED: 3050'-RTD
GEOLOGIST: ROBERT J. PETERSEN

SURFACE CASING

8 5/8" surface csg.
Set @218' KB.
Cem. w/210sx Common,
3% CC, 2% Gel.

PRODUCTION CASING

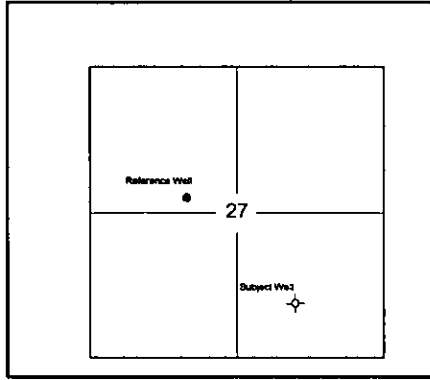
D & A

WELL LOG SURVEYS

RAG

ELECTRIC LOG TOPS

FORMATION	DEPTH	DATUM	POSITION
Stone Corral	1776	+407	+2
Base Stone Corral	1807	+376	FLAT
Topeka	3183	-100	-4
Heebner	3384	-1201	-10
Toronto	3406	-1223	-4
Lansing	3421	-1238	-9
Base Kansas City	3625	-1442	-12
Arbuckle	3679	-1496	-30



REFERENCE WELL:

Bach Oil
Lefa #3
NW SE SE NW
27-6-20W
E1 2040KB

DAILY REPORT

@7:00 A.M.

4-6-11 MIRU SPUD
4-7-11 220' Drilling
4-8-11 1610' Drilling
4-9-11 2810' Drilling
4-10-11 3435' Drilling
4-11-11 3725' DST#1

REMARKS AND RECOMMENDATIONS

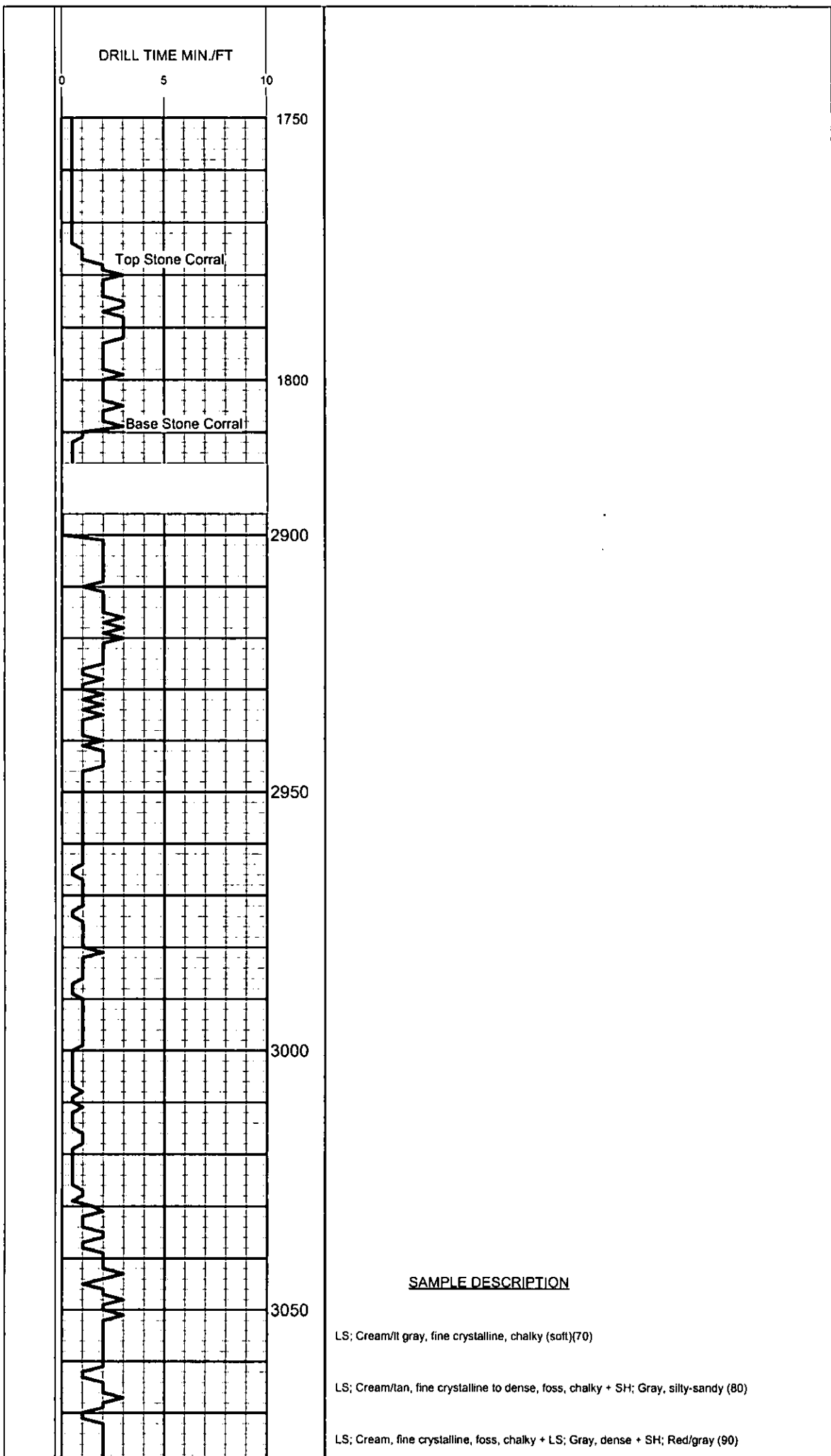
Due to the structural position and DST results the operator plugged and abandoned this well.

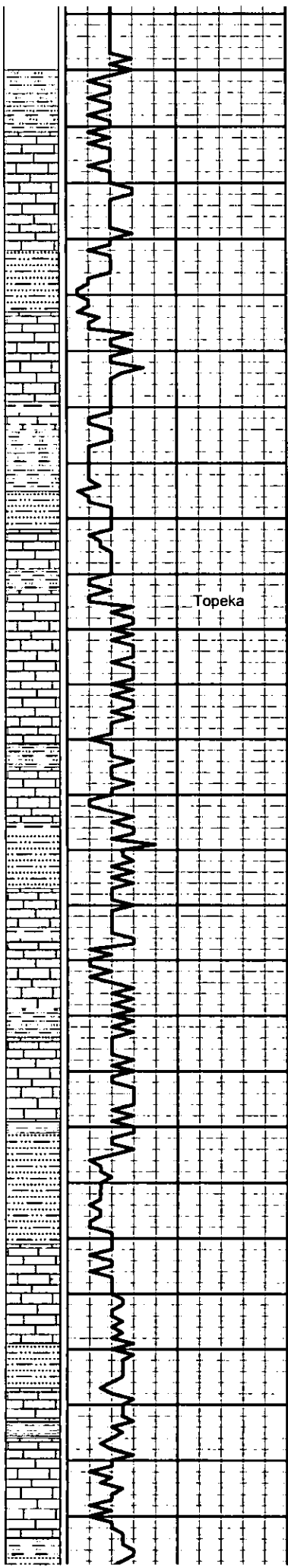
Respectfully submitted,

Robert J. Petersen

Robert J. Petersen

--	--	--	--





LS: Lt gray/cream, fine crystalline, foss, chalky + SH; Gray (3100)

SS: Gray/lt brow, fine grained, friable, silty (10)

LS: Gray/dark gray, fine crystalline, fossil-mottled, chalky (20)

LS: Cream, fine crystalline, foss, chalky(40)

SS: Gray, silty + SH; Red/gray (50)

LS: Gray/cream, fine crystalline, fossil-mottled, chalky(60)

LS: Tan/gray/cream; fine crystalline to dense, foss, blocky + SH; Red/gray (70)

SH: Gray, silty-sandy, gummy + LS; Cream, dense, foss (80)

SH: Gray, silty (90)

LS: Tan, fine crystalline, foss (90)

SH: Gray (3200)

LS: Gray/tan, dense, argillaceous (3200)

LS: Gray/cream, fine crystalline to dense, foss + SH; Gray/dark gray (10)

SH: Red/gray (20)

LS: Tan, fine crystalline, foss, sl dolomitic, chalky, cherty (20-30)

SH: Black (40)

SH: Red/gray, silty-sandy (40)

SS: Gray, fine grained, silty (50)

LS: Cream/tan, fine crystalline, ool, chalky (60)

SH: Gray (70)

LS: Lt gray/cream, fine crystalline, foss, mottled, dolomitic (80)

SH: Gray, calc (90)

LS: Lt gray/gray, fine crystalline, foss, subchalky (3300)

SH: Black (3300)

SH: Red/gray, silty-sandy (10)

+Siltstone; Brown, hard (20)

LS: Cream, fine crystalline to dense, sl dolo (20)

LS: Cream, fine crystalline to dense, subchalky, foss (30)

LS: Cream/lt gray, fine crystalline to dense, ool/foss, sl chalky/cherty + SH; Gray + SS; Gray, fine grained, ang (40)

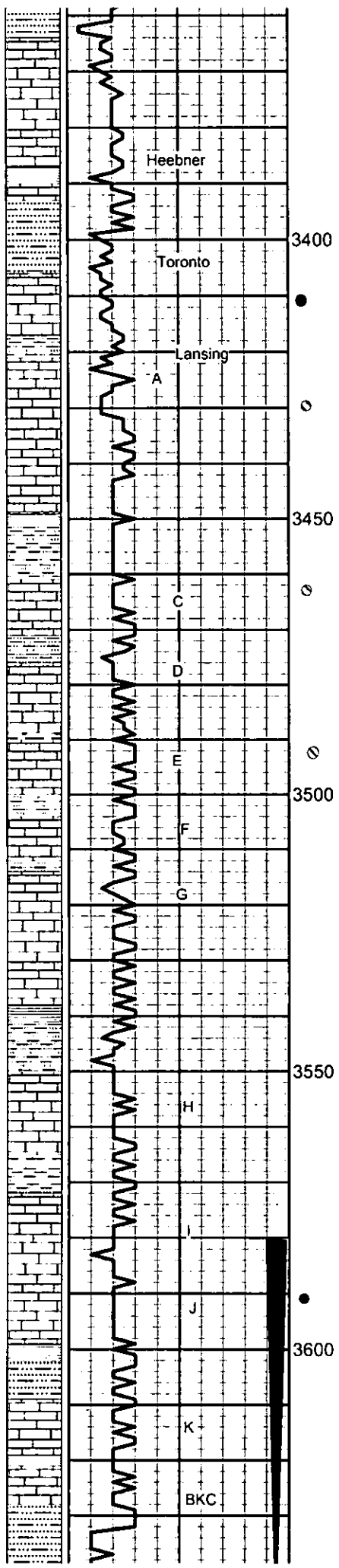
SH: Black (50)

SH: Red/gray, silty-sandy (50)

LS: Tan/cream, fine crystalline to dense, ool + LS; Brown, dense, cherty, chalky + SH; Gray, silty (60)

LS: Cream, fine crystalline to dense, chalky, cherty + SH; Red (70)

VIS 57
WT 8.9
LCM 4#



LS; Cream/gray, fossil mottled, chalky, cherty, trace stain (80)

LS; Lt gray, fine crystalline, sl foss, chalky (90)

VIS 60
WT 8.9
LCM 4#

LS; Cream. Lt gray, fine crystalline foss, chalky (3400)
SH; Black (3400)

LS; Tan/gray, very fine crystalline, foss (10)

SH; Red/gray, silty + SS; Gray (10)

SH; Red/gray, silty + SS; Tan (20)
SH; Brown, silty (30)

LS; Cream, fine crystalline, foss, w/fair intercrystalline/vug por, cherty, ssfo, lt stain, no odor (30)

LS; Cream, very fine crystalline to dense, foss (30)

SH; Red/gray, silty (40)

LS; Cream, fine crystalline, ool, subgranular, chalky (40)

VIS 58
WT 8.9
LCM 4#

trace pinpoint por, lt stain, vsso (50)

LS; Cream, fine crystalline, ool, chalky, sl dol (50-60)

LS; Gray, dense, foss (70)

SH; Black (70)

SH; Red/gray, silty, sandy (70)

SH; Green (80)

LS; Cream, fine crystalline, foss-subgranular, trace poor fossilcast por, spot dark stain, ssfo(tarry), no odor (80)

LS; Lt gray, fine to med crystalline, foss, sl dol (92)

SH; Red, silty (92)

LS; Cream, fine crystalline, foss, subgran w/chert inclusions, fair intercrystalline, por, lt stain, vsso, no odor (92/20")

SH; Black + LS; Cream, fine crystalline, foss, subgranular w/poor intergran por, vsso (3500)

LS; Cream, fine crystalline, ool-granular w/fair intergran por, lt stain, sfo, (10)

LS; Cream, fine crystalline, ool, chalky (20)

SH; Gray (20)

LS; Cream, fine crystalline to dense, chalky (20/20")

LS; Cream/tan, dense, chalky (20/40")

LS; Cream/tan, fine crystalline to dense, foss, chalky(soft) cherty (30)

LS; Cream, dense, foss, chalky, sl cherty (40-50)

LS; Gray, fine crystalline, foss, chalky (60)

SH; Black (60)

SH; Red/gray, silty-sandy (60)

LS; Cream/lt gray, fine crystalline, foss, chalky, cherty (80)

SH; Red/gray, silty (80)

LS; Tan, fine crystalline to dense, mostly dense w/fossil-cast por, ssfo, odor, light stain (90)

LS; Cream, fine crystalline to dense, chalky-decrease in stain (3600)

LS; Tan, fine crystalline, fossiliferous w/fair fossil-cast por, sfo, odor (10)

VIS 68
WT 9.1

LS; Gray/tan, fine crystalline, foss (20)

SH; Black (trace 20)

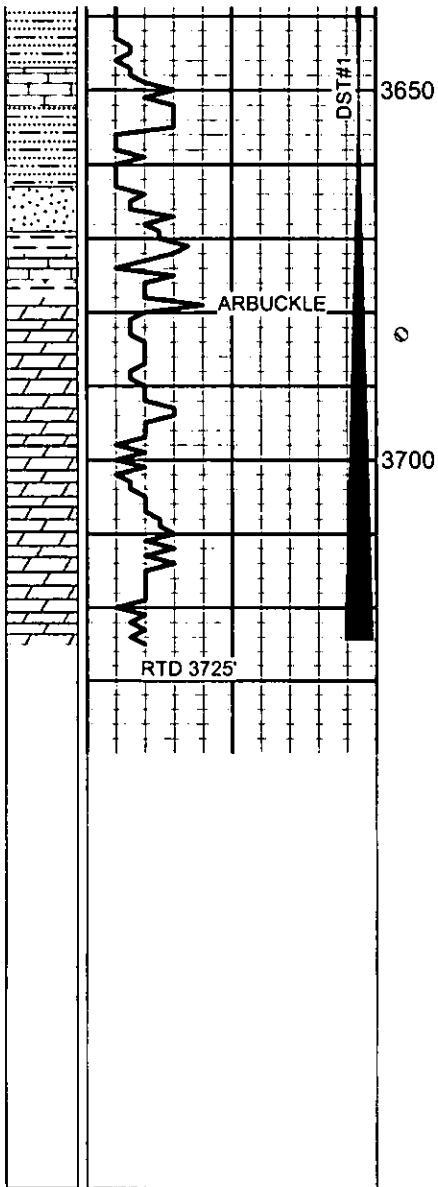
LS; Lt gray/cream, fine crystalline to dense, sl foss, very chalky w/scatt hematite nod(30)

SH; Black (30-40)

LS; Lt gray, fine crystalline, foss-subgranular, chalky (40-50)

SH; red/green/lt gray (50)

DST#1
3580-3725'
30-45-30-45
IF: Weak blow
built to 3 inches
FF: Weak surface blow



SH; Red/gray, sandy (60)

1. 1/2 inch
 built to 1/2 inch
 Recovered: 180' OCM
 5% oil/95% mud
 SIP 943-808#
 FP: 28-53/91-114#

LS; Lt gray/cream, fine crystalline, foss, trace stain (60-70)
 SH; Red/green, sandy (70)

trace SS; Gray, fine grained, subrounded, well-cem (80)

LS; Cream, fine crystalline, sl foss, chalky, blocky (90)
 increase Chalky LS (90)

SS; Gray, fine to medium, subangular to subrounded, well cemented w/ssfo, no odor + SH; Dark gray, silty, sandy (90)

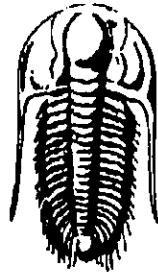
Dolo; Yellow/pink, medium crystalline, sucrosic, tight, cherty (brick red chert + smoky ool chert), trace poor vug por, vssfo (larry), no odor(3700)

Dolo; Cream, medium to coarse crystalline, suc w/poor intercrystalline por show dead oil (10)

Dolo; Pink/marron, coarse crystalline, sucrosic, tight (20)

DRIFT SURVEY
 220' 1/4 DEG.
 1813' 3/4 DEG.
 3725' 1 DEG

Dol; Pink/tan, fine to med crystalline, fair vug por (barren)(25)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Bach Oil**

PO Box 723
Alma, NE. 68920

ATTN: Bob Peterson

27 6 20w Rooks, KS

Dewey #1

Start Date: 2011.04.11 @ 04:35:00

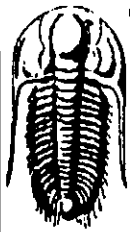
End Date: 2011.04.11 @ 10:00:00

Job Ticket #: 040764 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

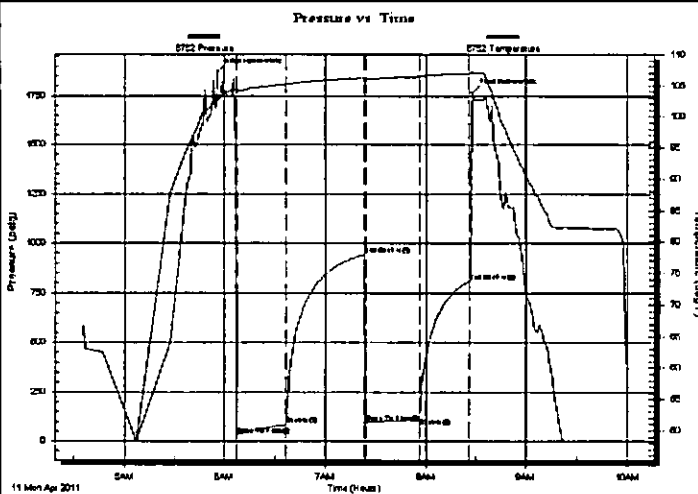
Dewey #1
27 6 20w Rooks, KS
Job Ticket: 040764 **DST#: 1**
Test Start: 2011.04.11 @ 04:35:00

GENERAL INFORMATION:

Formation: **LKC-J**
Deviated: **No Whipstock:** **ft (KB)**
Time Tool Opened: **06:07:00**
Time Test Ended: **10:00:00**
Interval: **3580.00 ft (KB) To 3725.00 ft (KB) (TVD)**
Total Depth: **3725.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
Test Type: **Conventional Bottom Hole**
Tester: **Chuck Kreutzer Jr.**
Unit No: **36**
Reference Elevations: **2184.00 ft (KB)**
2179.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 6752 **Inside**
Press@RunDepth: **114.44 psig @ 3581.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2011.04.11** End Date: **2011.04.11** Last Calib.: **2011.04.11**
Start Time: **04:35:05** End Time: **09:59:59** Time On Btm: **2011.04.11 @ 05:56:00**
Time Off Btm: **2011.04.11 @ 08:28:00**

TEST COMMENT: IF: Weak blow built to 3 in. over 30 mins.
IS: No blow back over 45 mins.
FF: Weak blow after 10 mins. Built to 1/2 in. over 30 mins.
FS: No blow back over 45 mins.



PRESSURE SUMMARY

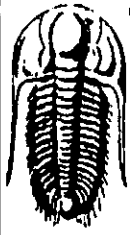
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1870.05	102.85	Initial Hydro-static
11	28.34	104.23	Open To Flow (1)
41	82.64	105.16	Shut-in(1)
87	942.93	106.18	End Shut-in(1)
88	90.65	106.01	Open To Flow (2)
120	114.44	106.43	Shut-in(2)
150	808.22	106.88	End Shut-in(2)
152	1766.33	107.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	ocm-5%o95%m	1.16

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

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

Dewey #1
27 6 20w Rooks, KS
Job Ticket: 040764 **DST#: 1**
Test Start: 2011.04.11 @ 04:35:00

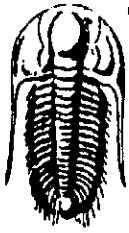
Tool Information

Drill Pipe:	Length: 3419.00 ft	Diameter: 3.80 inches	Volume: 47.96 bbl	Tool Weight: 2800.00 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: 150.00 ft	Diameter: 2.25 inches	Volume: 0.74 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 48.70 bbl	Tool Chased 2.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3580.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	145.20 ft			
Tool Length:	173.20 ft			
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			3557.00	
Hydraulic tool	5.00			3562.00	
Jars	5.00			3567.00	
Safety Joint	3.00			3570.00	
Packer	5.00			3575.00	28.00 Bottom Of Top Packer
Packer	5.00			3580.00	
Stubb	1.00			3581.00	
Recorder	0.00	6752	Inside	3581.00	
Recorder	0.00	6741	Outside	3581.00	
Perforations	4.00			3585.00	
Change Over Sub	0.60			3585.60	
Blank Spacing	124.00			3709.60	
Change Over Sub	0.60			3710.20	
Perforations	12.00			3722.20	
Bullnose	3.00			3725.20	145.20 Bottom Packers & Anchor

Total Tool Length: 173.20



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Bach Oil
PO Box 723
Alma, NE. 68920

Dewey #1
27 6 20w Rooks, KS
Job Ticket: 040764 **DST#: 1**
Test Start: 2011.04.11 @ 04:35:00

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: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 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
180.00	ocm-5%o95%m	1.158

Total Length: 180.00 ft Total Volume: 1.158 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

