



**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
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

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

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total 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**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1045722

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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 <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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ 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)* \_\_\_\_\_

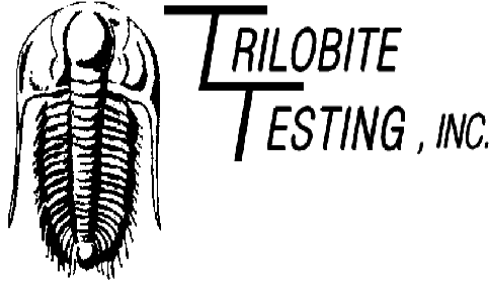
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
-----------------------------------	-----------	---------	-------------	---------------	---------

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

Form	ACO1 - Well Completion
Operator	Bach, Jason dba Bach Oil Production
Well Name	Dellenbach 1
Doc ID	1045722

Tops

Name	Top	Datum
Anhydrite	1714'	+409
Base Anhydrite	1745'	+378
Topeka	3116'	-993
Heebner Shale	3317'	-1194
Toronto	3339'	-1216
Lansing	3354'	-1231
BKC	3558'	-1435
Arbuckle (RW)	3594'	-1471
Arbuckle	3608'	-1485
TD	3676'	-1553



## DRILL STEM TEST REPORT

Prepared For: **Bach Oil Production**

P O Box 723  
Alma, Ne 68920-0723

ATTN: Jason Bach

**27-6s-20w Rooks,Ks**

**Dellenbach #1**

Start Date: 2010.09.25 @ 21:04:34

End Date: 2010.09.26 @ 03:08:28

Job Ticket #: 40149                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

# EM TEST REPORT

[Click Here to upgrade to Unlimited Pages and Expanded Features](#)

**Dellenbach #1**

**27-6s-20w Rooks,Ks**

Job Ticket: 40149

**DST#: 1**

Test Start: 2010.09.25 @ 21:04:34

ATTN: Jason Bach

## GENERAL INFORMATION:

Formation: **Tor-LKC "D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:15:59

Time Test Ended: 03:08:28

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 42

**Interval: 3315.00 ft (KB) To 3420.00 ft (KB) (TVD)**

Reference Elevations: 2123.00 ft (KB)

Total Depth: 3420.00 ft (KB) (TVD)

2118.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 6625 Inside**

Press @ Run Depth: 56.98 psig @ 3324.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.09.25

End Date:

2010.09.26

Last Calib.:

2010.09.26

Start Time: 21:04:34

End Time:

03:08:28

Time On Btm:

2010.09.25 @ 23:14:29

Time Off Btm:

2010.09.26 @ 01:25:58

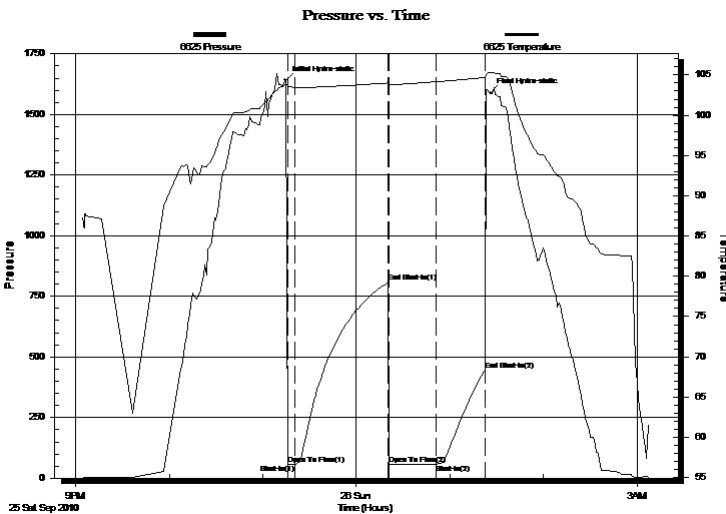
TEST COMMENT: IFP-w k bl 1/4"

ISIP-no bl

FFP-no bl

FSIP-no bl

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1641.05	103.90	Initial Hydro-static
2	56.52	103.64	Open To Flow (1)
6	56.22	103.45	Shut-In(1)
66	809.48	104.01	End Shut-In(1)
67	56.00	103.84	Open To Flow (2)
97	56.98	104.15	Shut-In(2)
128	447.25	104.68	End Shut-In(2)
132	1588.22	105.29	Final Hydro-static

## Recovery

## Gas Rates

Length (ft)	Description	Volume (bbl)
5.00	mud w/show of oil	0.07

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

[Click Here to upgrade to Unlimited Pages and Expanded Features](#)

Dellenbach #1

27-6s-20w Rooks,Ks

Job Ticket: 40149

DST#: 1

Test Start: 2010.09.25 @ 21:04:34

ATTN: Jason Bach

Tool Information

Drill Pipe:	Length: 3304.00 ft	Diameter: 3.80 inches	Volume: 46.35 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			Total Volume: 46.35 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3315.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	105.00 ft			
Tool Length:	126.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Change Over Sub	1.00			3295.00	
Shut In Tool	5.00			3300.00	
Hydraulic tool	5.00			3305.00	
Packer	5.00			3310.00	21.00 Bottom Of Top Packer
Packer	5.00			3315.00	
Stubb	1.00			3316.00	
Perforations	8.00			3324.00	
Recorder	0.00	6625	Inside	3324.00	
Recorder	0.00	8652	Outside	3324.00	
Blank Spacing	63.00			3387.00	
Perforations	30.00			3417.00	
Bullnose	3.00			3420.00	105.00 Bottom Packers & Anchor

**Total Tool Length: 126.00**

Click Here to upgrade to  
Unlimited Pages and Expanded Features

Dellenbach #1

27-6s-20w Rooks,Ks

Job Ticket: 40149

DST#: 1

Test Start: 2010.09.25 @ 21:04:34

ATTN: Jason Bach

**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: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in <sup>3</sup>	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
5.00	mud w/show of oil	0.070

Total Length: 5.00 ft      Total Volume: 0.070 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

DST Test Number: 1

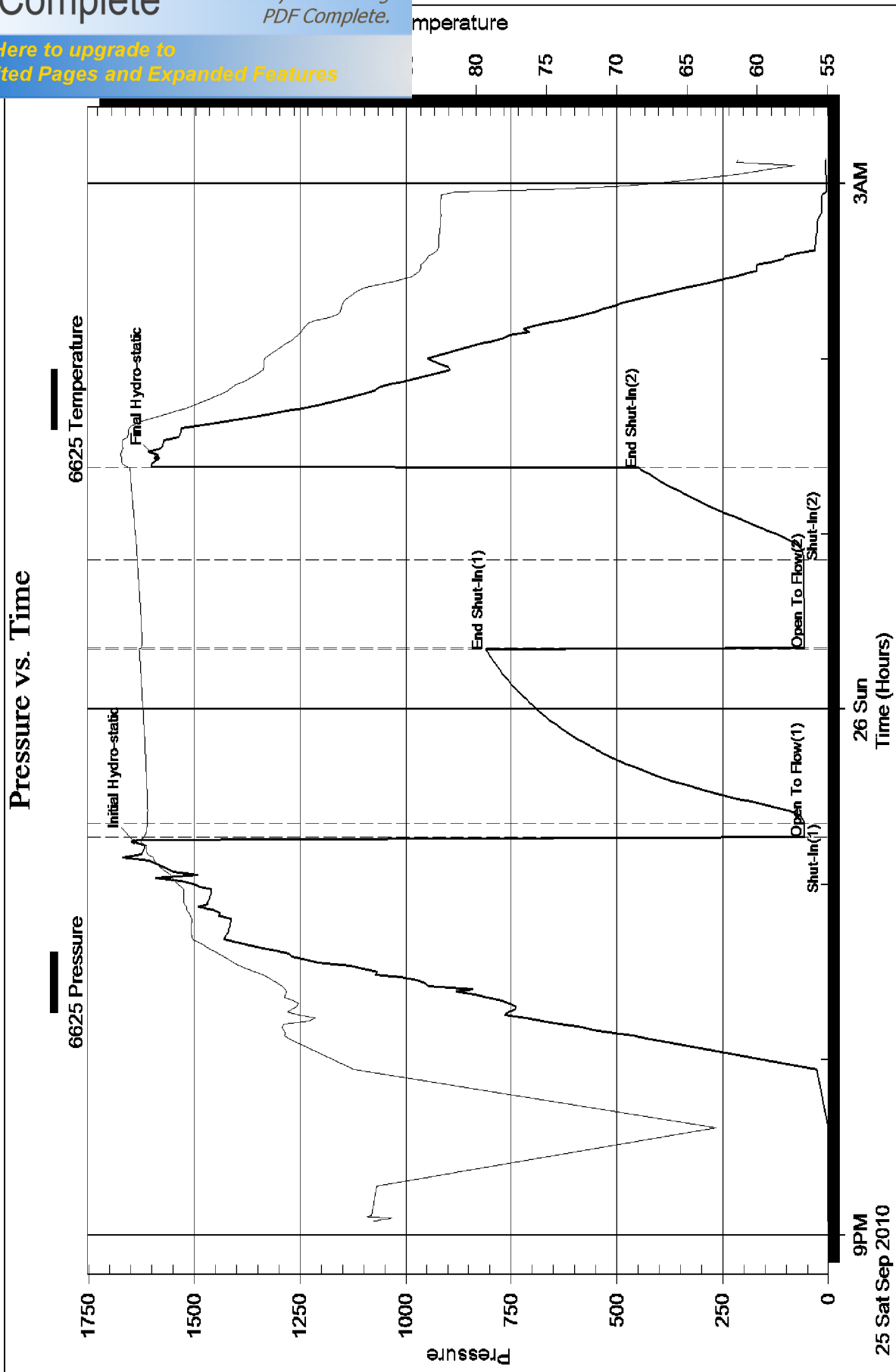
27-6s-20w Rooks, Ks

Bach Oil Production

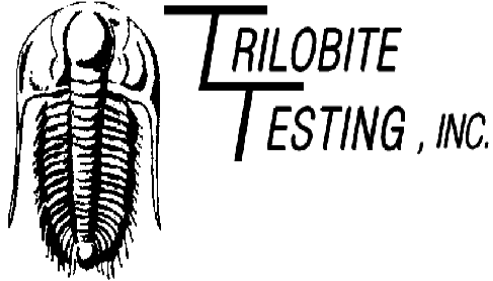
Inside

Serial #: 6625

### Pressure vs. Time







## DRILL STEM TEST REPORT

Prepared For: **Bach Oil Production**

P O Box 723  
Alma, Ne 68920-0723

ATTN: Jason Bach

**27-6s-20w Rooks,Ks**

**Dellenbach #1**

Start Date: 2010.09.26 @ 15:49:13

End Date: 2010.09.27 @ 00:40:38

Job Ticket #: 40150                      DST #: 2

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

# EM TEST REPORT

Click Here to upgrade to Unlimited Pages and Expanded Features



ATTN: Jason Bach

**Dellenbach #1**

**27-6s-20w Rooks,Ks**

Job Ticket: 40150

**DST#: 2**

Test Start: 2010.09.26 @ 15:49:13

### GENERAL INFORMATION:

Formation: **LKC I-L**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 18:13:08  
 Time Test Ended: 00:40:38  
**Interval: 3466.00 ft (KB) To 3560.00 ft (KB) (TVD)**  
 Total Depth: 3560.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole  
 Tester: Ray Schwager  
 Unit No: 42  
 Reference Elevations: 2123.00 ft (KB)  
 2118.00 ft (CF)  
 KB to GR/CF: 5.00 ft

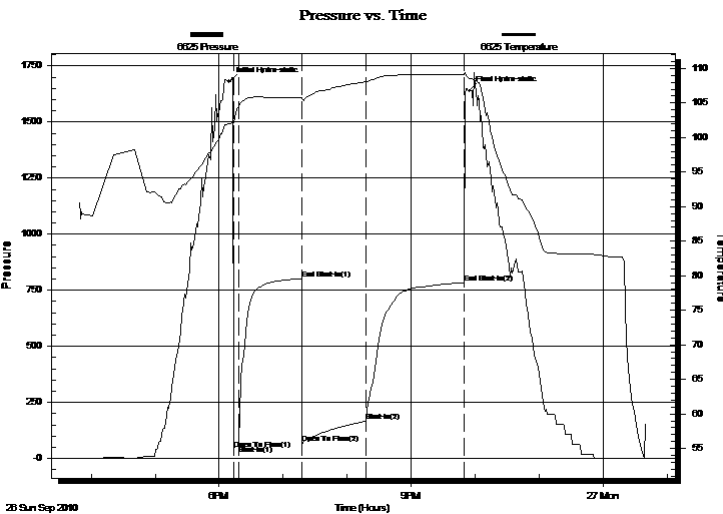
### Serial #: 6625

Inside

Press@RunDepth: 168.32 psig @ 3473.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2010.09.26 End Date: 2010.09.27 Last Calib.: 2010.09.27  
 Start Time: 15:49:13 End Time: 00:40:38 Time On Btm: 2010.09.26 @ 18:09:38  
 Time Off Btm: 2010.09.26 @ 21:54:37

TEST COMMENT: IFP-w k to strg in 4 min  
 ISIP-no bl bk  
 FFP-w k to strg in 4 min  
 FSIP-2 1/2" bl bk

### PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1680.28	101.99	Initial Hydro-static
4	43.21	102.11	Open To Flow (1)
9	60.77	104.36	Shut-In(1)
68	801.12	105.77	End Shut-In(1)
68	67.29	105.59	Open To Flow (2)
128	168.32	108.04	Shut-In(2)
220	782.97	109.04	End Shut-In(2)
225	1639.74	108.60	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
0.00	840'GIP	0.00
215.00	CO	3.02
186.00	MGO 20%G20%M60%O	2.61

### Gas Rates

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

Click Here to upgrade to Unlimited Pages and Expanded Features

Dellenbach #1

27-6s-20w Rooks,Ks

Job Ticket: 40150

DST#: 2

Test Start: 2010.09.26 @ 15:49:13

ATTN: Jason Bach

Tool Information

Drill Pipe:	Length: 3458.00 ft	Diameter: 3.80 inches	Volume: 48.51 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	50000.00 lb
			Total Volume: 48.51 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial	42000.00 lb
Depth to Top Packer:	3466.00 ft			Final	42000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	94.00 ft				
Tool Length:	115.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Change Over Sub	1.00			3446.00	
Shut In Tool	5.00			3451.00	
Hydraulic tool	5.00			3456.00	
Packer	5.00			3461.00	21.00 Bottom Of Top Packer
Packer	5.00			3466.00	
Stubb	1.00			3467.00	
Perforations	6.00			3473.00	
Recorder	0.00	6625	Inside	3473.00	
Recorder	0.00	8652	Outside	3473.00	
Blank Spacing	64.00			3537.00	
Perforations	20.00			3557.00	
Bullnose	3.00			3560.00	94.00 Bottom Packers & Anchor

**Total Tool Length: 115.00**

Click Here to upgrade to  
Unlimited Pages and Expanded Features

Dellenbach #1

27-6s-20w Rooks,Ks

Job Ticket: 40150

DST#: 2

Test Start: 2010.09.26 @ 15:49:13

ATTN: Jason Bach

**Mud and Cushion Information**

Mud Type: Gel Chem	Cushion Type:	Oil API: 34 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.67 in <sup>3</sup>	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
0.00	840'GIP	0.000
215.00	CO	3.016
186.00	MGO 20%G20%M60%O	2.609

Total Length: 401.00 ft      Total Volume: 5.625 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

DST Test Number: 2

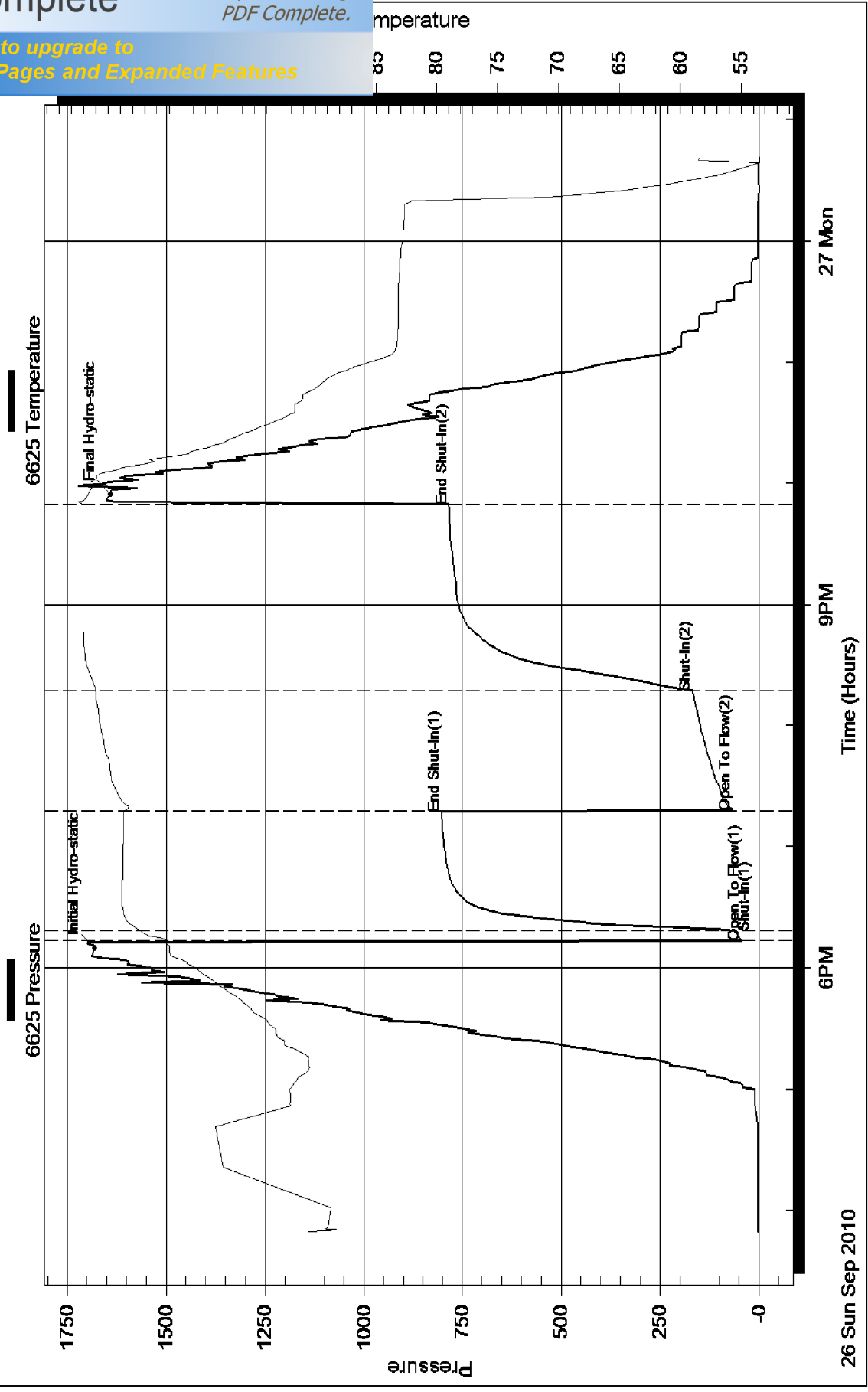
27-6s-20w Rooks,Ks

Bach Oil Production

Inside

Serial #: 6625

**Pressure vs. Time**





PO BOX 31 Russell, KS 67665

Voice: (785) 483-3887  
 Fax: (785) 483-5566

# INVOICE

Invoice Number: 124533  
 Invoice Date: Sep 22, 2010  
 Page: 1

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

Federal Tax I.D.#: 20-5975804

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Bach	Dellenbach #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Russell	Sep 22, 2010	10/22/10

Quantity	Item	Description	Unit Price	Amount
90.00	MAT	Class A Common	13.50	1,215.00
60.00	MAT	Pozmix	7.55	453.00
3.00	MAT	Gel	20.25	60.75
5.00	MAT	Chloride	51.50	257.50
50.00	MAT	Sugar	1.10	55.00
150.00	SER	Handling	2.25	337.50
50.00	SER	Mileage 150 sx @ .10 per sk per mi	15.00	750.00
1.00	SER	Cement Surface	991.00	991.00
50.00	SER	Pump Truck Mileage	7.00	350.00

Subtotal	4,469.75
Sales Tax	149.01
Total Invoice Amount	4,618.76
Payment/Credit Applied	
<b>TOTAL</b>	<b>4,618.76</b>

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

\$ **893.95**

ONLY IF PAID ON OR BEFORE  
**Oct 17, 2010**



# ALLIED CEMENTING CO., LLC. 041949

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Russell KS

DATE	9-22-10	SEC.	27	TWP.	6 S	RANGE	20 W	CALLED OUT		ON LOCATION		JOB START	1:00 AM	JOB FINISH	1:30 AM
LEASE	Dellen Bach	WELL #	1	LOCATION	OLD 24 + HOGAN RD.				COUNTY	Logan	STATE	KANSAS			
OLD OR NEW (Circle one)	NEW											S N 13 1/4 E 1/4 S 1/4 T20			

CONTRACTOR	American Eagle Rig #	OWNER	
TYPE OF JOB	Cement Surface		60/40
HOLE SIZE	12 1/4	T.D.	219'
CASING SIZE	8 5/8	DEPTH	218'
TUBING SIZE		DEPTH	
DRILL PIPE		DEPTH	
TOOL		DEPTH	
PRES. MAX		MINIMUM	
MEAS. LINE		SHOE JOINT	
CEMENT LEFT IN CSG.	15'		
PERFS.			
DISPLACEMENT	13 / BBK		
EQUIPMENT			
PUMP TRUCK	CEMENTER Glenn		
#	398	HELPER	Heath
BULK TRUCK			
#	410	DRIVER	RON
BULK TRUCK			
#		DRIVER	

CEMENT			
AMOUNT ORDERED	150 SX		
	3 1/2 CC		
	2 3/4 GEL		50 SUGAR
COMMON	90	@	1350 1215.00
POZMIX	60	@	755 453.00
GEL	3	@	2025 6075.00
CHLORIDE	5	@	5150 25750.00
ASC		@	
Sugar	50#	@	110 5500.00
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	150	@	225 337.50
MILEAGE	.104/stk/mile		750.00

TOTAL ~~2810.50~~  
3623.75

REMARKS:  
Ran 5 new JTS 8 5/8 #CSG  
set @ 218', Load Hole + Reviewed  
CIRCULATION, Hook-up to  
pump truck + mixed 150SX  
Cement + displaced 1333L water  
  
Cement did circulate  
TO SURFACE, THANKS

### SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			991.00
EXTRA FOOTAGE		@	
MILEAGE	50	@	700 350.00
MANIFOLD		@	
		@	
		@	

TOTAL 1341.00

CHARGE TO: Jason Bach Oil Co.  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

### PLUG & FLOAT EQUIPMENT

		@	
		@	
		@	

To Allied Cementing Co., LLC.



PO BOX 31 Russell, KS 67665

Voice: (785) 483-3887  
 Fax: (785) 483-5566

# INVOICE

Invoice Number: 124628  
 Invoice Date: Sep 28, 2010  
 Page: 1

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

Federal Tax I.D.#: 20-5975804

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Bach	DellenBach #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-02	Russell	Sep 28, 2010	10/28/10

Quantity	Item	Description	Unit Price	Amount
90.00	MAT	Class A Common	13.50	1,215.00
60.00	MAT	Pozmix	7.55	453.00
3.00	MAT	Gel	20.25	60.75
400.00	MAT	AMD	22.95	9,180.00
6.00	MAT	Salt	21.25	127.50
550.00	SER	Handling	2.25	1,237.50
50.00	SER	Mileage 550 sx @ .10 per sk per mi	55.00	2,750.00
1.00	SER	Production String	1,957.00	1,957.00
50.00	SER	Pump Truck Mileage	7.00	350.00
1.00	EQP	5.5 Float Shoe	214.00	214.00
1.00	EQP	5.5 Latch Down Plug Assembly	164.00	164.00
12.00	EQP	5.5 Centralizer	35.00	420.00
4.00	EQP	5.5 Basket	161.00	644.00

<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><b>\$ 3754.58</b></p> <p>ONLY IF PAID ON OR BEFORE  <b>Oct 23, 2010</b></p>	Subtotal	18,772.75
	Sales Tax	786.13
	Total Invoice Amount	19,558.88
	Payment/Credit Applied	
	<b>TOTAL</b>	<b>19,558.88</b>



# ALLIED CEMENTING CO., LLC. 041754

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
Russell Ks.

DATE	9-28-10	SEC.	27	TWP.	6 S	RANGE	20 W	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE	Dellenbach		WELL #		1		LOCATION	Logan Ks. 9 S 2 E 1/4 S		COUNTY	Logan
OLD OR NEW	(Circle one)									STATE	KANSAS
										ROCKS	

CONTRACTOR American Eagle Rig #2  
 TYPE OF JOB PRODUCTION STRING (Circ Cement)  
 HOLE SIZE 7 7/8 T.D. 3676  
 CASING SIZE 5 1/2 New DEPTH 3675'  
 TUBING SIZE 1 1/2 # CSG DEPTH  
 DRILL PIPE DEPTH  
 TOOL LATCH DOWN Plug Assy @ 3662  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT 13.88  
 CEMENT LEFT IN CSG 13.88  
 PERFS.  
 DISPLACEMENT 89.36 / BBL

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 150 sx 60% 10% salt 28 GEL  
5# GILSONITE PER SX

400 sx A.M.D.

COMMON	90	@	13.50	1215.00
POZMIX	60	@	7.55	453.00
GEL	3	@	20.25	60.75
CHLORIDE		@		
ASC		@		
AMD	400	@	22.95	9180.00
Sgt	6	@	21.25	127.50
		@		
		@		
		@		
		@		
		@		
HANDLING	550	@	2.25	1237.50
MILEAGE	110/sk/pile			2750.00
				TOTAL <u>15023.75</u>

EQUIPMENT

PUMP TRUCK CEMENTER GLENN  
 # 417 HELPER Heath  
 BULK TRUCK  
 # 481 DRIVER Dan  
 BULK TRUCK  
 # 410 DRIVER Roy

REMARKS:  
Ran 89 JTS New 5 1/2 - 1 1/2" CSG, Set @ 3675'  
Lead CSG + Received Circulation, 1-HR,  
Mixed 400 sx AMD Followed By 150 sx 60% 10%  
10% salt, 28 GEL, 5# Gilsonite per sx, Clear-Line  
Release LATCH DOWN Plug. + Displace 89 BBL  
WATER, Latch Down plug @ 1500 #  
Cement DID circulate to surface,  
30sx @ Rathole, THANKS

CHARGE TO: Jason Bach Oil Co.  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			1957.00
EXTRA FOOTAGE	@		
MILEAGE	50	@	7.00 350.00
MANIFOLD	@		
	@		
	@		
TOTAL <u>2307.00</u>			

PLUG & FLOAT EQUIPMENT

1-FICAT Shoe			214.00
1-LATCH DOWN Plug Assy	@		164.00
12-CENTRALIZERS	@	35.00	420.00
4-BASKETS	@	161.00	644.00

To Allied Cementing Co., LLC.

**Randall Kilian Corporation**  
Geologist



**Certified Petroleum  
Geologist #3351  
License #224**

P.O. Box 26  
Hays, Kansas 67601-0026  
Phone: 785-628-6061  
Cell: 785-635-1349

## GEOLOGIST'S WELL REPORT

COMPANY RACH OIL PRODUCTION (31569)

WELL Dellenbach #1

FIELD Locelela

LOCATION (legal) Ap. SW SE NE NE  
(1000' FNL & 620' FEL)  
Section 27 TWP 6S RGE 20W

(Map) 10 mi S & 2 mi E of Logan, Ks.

COUNTY Rooks STATE Kansas

ELEVATION: 2123' K.B., 2116' G.L.

Depths measured from Kelly Bushing

A. P. I. NUMBER 15-163-23896

GEOLOGY BY Randall Kilian

## PERTINENT WELL DATA

CONTRACTOR American Eagle Drilling LLC (33493)

RIG #2 HYDRAULICS D-375 6x14x60  
(Todd Mersch TP)

DRILL PIPE 4 1/2" X-H COLLARS 6" 14 (468')

CASING: SURFACE 8 5/8" @ 207' w/ 150 sx Common

PRODUCTION 5 1/2" @ 3672' w/ 550 sx ALHD

DRILLING FLUID: COMPANY Andy's Mud & Chemical Co.  
(Kirk Werth)

TYPE: Chemical & Drispac

REMARKS: Full service Steel Pits

DRILL STEM TESTS: COMPANY Trilobite Testing Inc.  
(Ray Schwager)

NUMBER OF TESTS Two (2)

ELECTIC LOGS: COMPANY Pioneer Log-Tech Inc.

DETAIL (5") 3100' - RTD

TYPE DI, Comp N-D, Micro

DRILLING TIME FROM 3075' TO RTD

SAMPLE TIME FROM 3100' TO RTD

SUPERVISION FROM 3100' TO RTD

VERTICAL DEVIATION 1/2" @ 219', 3/4" @ 1719', 1/2" @  
3420', 1" @ 3675'

PLUGGING REPORT 30 sx Rat

RESERVE PIT 200 bbls., Chl. 8,000





## DRILL STEM TESTS

NO	INTERVAL	IFP/TIME	ISIP/TIME	FFP/TIME	FSIP/TIME	IHP/FHP	RECOVERY
1	Hor-D 3315- 3420'	56# 56# 5"	809# 60"	56# 56# 30"	447# 30"	1641# 1688#	5' Mud w/ s.o.
2	LKc H-L 3466- 3560'	43# 60# 5"	801# 60"	67# 168# 60"	782# 90"	1680# 1639#	840' GIP 401' M,G,Oil 34°
3							
4							
5							
6							
7							
8							

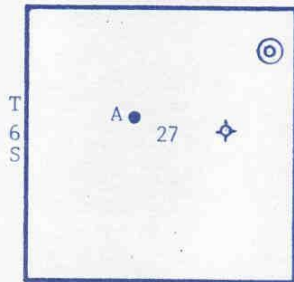
MUD RECORD						
CHK	DEPTH	WT	VIS	FIL	CHL	YP
1	3026'					
2	3088'	8.7	56			
3	3225'	8.9	52			
4	3288'	9.1	52	8.8	800	13
5	3410'	9.2	54			
6	3494'	9.4	47	8.8	1k	16
7	3580'	9.2	50			
8	3675'	9.3	48	8.0	1.1k	16
9						
10						
11						

BIT RECORD						
NO	SIZE	MAKE	TYPE	DEPTH	FEET	HOURS
1	12 3/4"	JZ	RR	219'	219'	3
2	7 7/8"	JZ	QX20J	3675'	3456'	62 1/2
3						
4						
5						
6						
7						

Displace  
LCM 2#  
LCM 1#  
LCM 3#  
LCM 2# \$7037

# FORMATION TOPS & STRUCTURAL GEOLOGY

R 20 W



**REFERRED TO:**

- A: BACH OIL PRODUCTION  
Lela #3 NW SE SE NW 27
- B: \_\_\_\_\_
- C: \_\_\_\_\_
- D: \_\_\_\_\_
- E: \_\_\_\_\_

STRATIGRAPHIC MARKERS	SUBJECT WELL		DATUM	STRUCTURAL POSITION				
	SAMPLE	E. LOG		A	B	C	D	E
Anhydrite	1716'	1714'	+ 409	+ 405				
Base	1747'	1745'	+ 378	+ 376				
Topeka	3117'	3116'	- 993	- 996				
Heeb. Sh.	3317'	3317'	-1194	-1191				
Tor.	3345'	3339'	-1216	-1219				
Lans.	3356'	3354'	-1231	-1231				
BKe.	3558'	3558'	-1435	-1430				
Arb. (RW)	3594'	3594'	-1471	-1466				
Arbuckle	3609'	3608'	-1485	-1479				
TD	3675'	3676'	-1553	-1524				

Pipe strap 1.24' short.

\*Structural position of subject well as compared to referred well.

SUMMARY

The Dellenbach #1 well was drilled with American Eagle Drilling tools rig #2 beginning 9-21-10 and drilling was completed 9-27-10.

The drillsite was located via a 3-D seismic survey

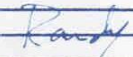
The well ran flat to about 6' low structurally to the Lela #3. No upper LKc zones developed quality reservoirs. However, the LKc J zoned developed and DST'ed gas & oil.

Oil shows were encountered in several LKc zones and Arbuckle.

Based upon all data, 5 1/2" casing was set and cemented to further test and produce the well.

Recommended perfs: LKc J 3519-25'.  
Before abandoning: Arb. 3613-15, LKc I 3503-06', F 3435-37', F 3421-24', and Toronto 3339-42'.

Respectfully,



Randall Kilian



