



KANSAS CORPORATION COMMISSION 1044959  
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: Coffeyville Resources

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 #: \_\_\_\_\_

07/13/2010	07/17/2010	08/17/2010
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. ~~8~~ - 15-147-20629-00-00  
Spot Description: \_\_\_\_\_  
NE NW SE SW Sec. 36 Twp. 1 S. R. 19  East  West  
1,213 Feet from  North /  South Line of Section  
1,712 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Phillips  
Lease Name: VERA JACKSON Well #: A-1  
Field Name: Wildcat  
Producing Formation: Lansing Kansas City  
Elevation: Ground: 2246 Kelly Bushing: 2251  
Total Depth: 3688 Plug Back Total Depth: 3676  
Amount of Surface Pipe Set and Cemented at: 247 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: 3676  
feet depth to: 0 w/ 600 sx cmt.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content: 22000 ppm Fluid volume: 1000 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 #: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

**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 Garrison Date: 10/04/2010



1044959

Operator Name: Bach, Jason dba Bach Oil Production Lease Name: VERA JACKSON Well #: A-1  
 Sec. 36 Twp. 1 S. R. 19  East  West County: Phillips

**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: Log 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	248	COM	175	3% CC/2% Gel
Production	7.25	5.50	14	3676	AMD	600	

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
4	"I" @ 3575' to 3581'	500 gal 15% MCA; retreat 1000 gal 20% NEFE	
4	"D" @ 3478' to 3482'	300 gal 15% MCA	

TUBING RECORD: Size: <u>2 3/8</u>	Set At: <u>3670</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production: <u>8/30/2010</u>	SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>10</u>	Gas Mcf	Water Bbls. <u>15</u> 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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: <u>LKC</u>
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Form	ACO1 - Well Completion
Operator	Bach, Jason dba Bach Oil Production
Well Name	VERA JACKSON A-1
Doc ID	1044959

Tops

Name	Top	Datum
Base Ft. Hays	650	+1601
Stone Corral	1822	+429
Base Stone Corral	1847	+404
Topeka	3170	-919
Heebner	3384	-1133
Toronto	3410	-1159
Lansing	3428	-1177
BKC	3647	-1396



PO BOX 31 Russell, KS 67665

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

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

# INVOICE

Invoice Number: 123571

Invoice Date: Jul 13, 2010

Page: 1

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Bach	Vera Jackson #A-1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Russell	Jul 13, 2010	8/12/10

Quantity	Item	Description	Unit Price	Amount
105.00	MAT	Class A Common	13.50	1,417.50
70.00	MAT	Pozmix	7.55	528.50
3.00	MAT	Gel	20.25	60.75
6.00	MAT	Chloride	51.50	309.00
175.00	SER	Handling	2.25	393.75
50.00	SER	Mileage 175 sx @ .10 per sk per mi	17.50	875.00
1.00	SER	Surface	991.00	991.00
50.00	SER	Pump Truck Mileage	7.00	350.00

<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>\$ 1231.98</b></p> <p>ONLY IF PAID ON OR BEFORE  <b>Aug 7, 2010</b></p>	Subtotal	4,925.50
	Sales Tax	157.47
	Total Invoice Amount	5,082.97
	Payment/Credit Applied	
	<b>TOTAL</b>	<b>5,082.97</b>

# ALLIED CEMENTING CO., LLC. 041796

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

SERVICE POINT:  
*Russell*

DATE: <i>7-13-10</i>	SEC: <i>36</i>	TWP: <i>1</i>	RANGE: <i>19</i>	CALLED OUT	ON LOCATION	JOB START: <i>5:30pm</i>	JOB FINISH: <i>6:00pm</i>
LEASE: <i>Vera Jackson</i>	WELL #: <i>A-1</i>	LOCATION: <i>Phillipsburg W Hunter Rd</i>			COUNTY: <i>Phillips</i>	STATE: <i>KS</i>	
OLD OR NEW (Circle one) <input checked="" type="radio"/> NEW		LOCATION: <i>W to 100th St to Conner Rd 1/2 mile</i>					

CONTRACTOR: <i>McAfee 16</i>		OWNER
TYPE OF JOB: <i>Surface</i>		
HOLE SIZE: <i>12 1/4</i>	T.D.: <i>248</i>	CEMENT
CASING SIZE: <i>8 1/8</i>	DEPTH: <i>247</i>	AMOUNT ORDERED: <i>175 @ 40 30/60 20/60</i>
TUBING SIZE	DEPTH	
DRILL PIPE	DEPTH	
TOOL	DEPTH	
PRES. MAX	MINIMUM	COMMON: <i>105 @ 13.50 1417.50</i>
MEAS. LINE	SHOE JOINT	POZ MIX: <i>70 @ 7.50 525.00</i>
CEMENT LEFT IN CSG: <i>15'</i>		GEL: <i>3 @ 20.25 60.75</i>
PERFS:		CHLORIDE: <i>6 @ 51.50 309.00</i>
DISPLACEMENT: <i>1 1/2 BBL</i>		ASC: <i>@</i>
EQUIPMENT		
PUMP TRUCK # <i>398</i>	CEMENTER: <i>Craig</i>	
	HELPER: <i>Paul</i>	
BULK TRUCK # <i>410</i>	DRIVER: <i>Glenn</i>	
	DRIVER:	

REMARKS:  
*95% on bottom. Esc Circulation  
Mix Cement & Displace Plug  
Cement Created.*

HANDLING: <i>175 @ 2.25 393.75</i>	
MILEAGE: <i>10 @ 7.50 75.00</i>	
<b>TOTAL: 3587.50</b>	

CHARGE TO: *Back Oil*

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**SERVICE**

DEPTH OF JOB		
PUMP TRUCK CHARGE		<i>991.00</i>
EXTRA FOOTAGE	@	
MILEAGE: <i>50</i>	@ <i>7.00</i>	<i>350.00</i>
MANIFOLD	@	
	@	
	@	
<b>TOTAL: 1341.00</b>		

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

**PLUG & FLOAT EQUIPMENT**

	@	
	@	
	@	
	@	



PO BOX 31 Russell, KS 67665

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

# INVOICE

Invoice Number: 123573  
 Invoice Date: Jul 17, 2010  
 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	Vera Jackson #A-1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-02	Russell	Jul 17, 2010	8/16/10

Quantity	Item	Description	Unit Price	Amount
600.00	MAT	AMD	22.95	13,770.00
300.00	SER	Handling	2.25	675.00
50.00	SER	Mileage 300 sx @ .10 per sk per mi	30.00	1,500.00
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	164.00	164.00
12.00	EQP	5.5 Centralizer	35.00	420.00
5.00	EQP	5.5 Basket	161.00	805.00

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

\$ 4963.15

ONLY IF PAID ON OR BEFORE  
 Aug 11, 2010

Subtotal	19,855.00
Sales Tax	1,045.36
Total Invoice Amount	20,900.36
Payment/Credit Applied	
<b>TOTAL</b>	<b>20,900.36</b>

# ALLIED CEMENTING CO., LLC. 041803

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

SERVICE POINT: RUSSELL

DATE <u>7/2/10</u>	SEC. <u>36</u>	TWP. <u>1</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>3:00pm</u>	JOB FINISH <u>3:30pm</u>
LEASE <u>Vera Jackson</u>	WELL # <u>A-1</u>	LOCATION <u>Phillipsburg to Harts Rd</u>		COUNTY <u>Phillips</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one) <u>NEW</u>				<u>400 1/2 Saw Vinto</u>			

CONTRACTOR Alvin #16  
 TYPE OF JOB Phalix son Spring  
 HOLE SIZE 7 7/8 TD 3682  
 CASING SIZE 5/2 DEPTH 3691  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT 13.55  
 CEMENT LEFT IN CSG. 13.55  
 PERFS.  
 DISPLACEMENT 89 3/4 BBL  
 EQUIPMENT

OWNER  
 CEMENT AMOUNT ORDERED 600 A.M.D  
 COMMON @  
 POZMIX @  
 GEL @  
 CHLORIDE @  
 ASC @  
A.M.D 600 @ 22.95 13,770.00  
 HANDLING 300 @ 2.25 675.00  
 MILEAGE 10/56/mile 1,500.00  
 TOTAL 15,945.00

PUMP TRUCK CEMENTER Craig  
 # 417 HELPER Paul  
 BULK TRUCK # 473 DRIVER Ken  
 BULK TRUCK # 410 DRIVER Glenn

REMARKS:  
Insert 50' @ 3677 For Completion &  
Mix 4500 @ 42ppg, 1500 @ 14.8ppg  
Clear lines Displace Plug  
Cement Calculator?  
House hold 1551C  
Rathole 3051C  
Thank 5'

CHARGE TO: Back 01  
 STREET  
 CITY STATE ZIP

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

SERVICE  
 DEPTH OF JOB  
 PUMP TRUCK CHARGE 1957.00  
 EXTRA FOOTAGE @  
 MILEAGE 50 @ 7.00 350.00  
 MANIFOLD @  
 TOTAL 2307.00

PLUG & FLOAT EQUIPMENT  
5/2  
 Float shoe @ 214.00  
 Catch Down @ 164.00  
 12 Centralizers @ 35.00 420.00  
 5 Baskets @ 161.00 805.00

# GEOLOGIST'S REPORT

## DRILLING TIME AND SAMPLE LOG

**COMPANY** BACH OIL PROD

**LEASE** Vera Jackson A #1

**FIELD** WILDCAT

**LOCATION** 1213' FSL & 1712' FWL

**SEC.** 36 **TWP.** 1 **RGE.** 19W

**COUNTY** PHILLIPS **STATE** KANSAS

**DRILLING CONTR.** AMERICAN EAGLE

**SPUD** 7/13/10 **COMP** 7/17/10

**RTD** 3688 **LTD** 3688

**MUD UP** 2900 **TYPE MUD** CHEMICAL

**SAMPLES SAVED FROM** 2900 **TO RTD**

**DRILL TIME KEPT FROM** 2900 **TO RTD**

**SAMPLES EXAMINED FROM** 2900 **TO RTD**

**GEOLOGICAL SUPERVISION FROM** 3100 **TO RTD**

**GEOLOGIST** ROBERT J. PETERSEN LIC. #167

**API #** 15-167-20629-00-00

### ELEVATION

KB 2251'

DF .....

GL 2246'

This log measured from: K.B.

### SURFACE CASING:

8 5/8"  
Set @248'  
W/175SX

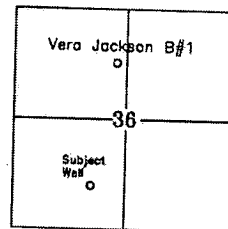
### PRODUCTION CASING:

5 1/2" Casing Set

### WELL LOG SURVEYS

RAG

FORMATION	E-LOG TOP	SUBSEA	STRUCT. POS.
BASE FT HAYS	650	+1601	+8
STONE CORRAL	1822	+428	+5
BASE STONE CORRAL	1847	+404	-1
TOPEKA	3170	-919	-2
HEEBNER	3384	-1133	-3
TORONTO	3410	-1159	FLAT
LANSING	3428	-1177	FLAT
BKC	3647	-1396	-1



DAILY REPORT 7:00 A.M.

7-13-10 MIRU SPUD

7-14-10 710'

7-15-10 2525'

7-16-10 3360'

### REFERENCE WELL

Bach Oil  
Barbara #1  
680' FSL & 400' FEL  
35-1-19W  
EL 2206KB



680' FSL & 400' FEL  
35-1-19W  
EL. 2206KB

7-15-10 2525'

**REMARKS AND RECOMMENDATIONS**

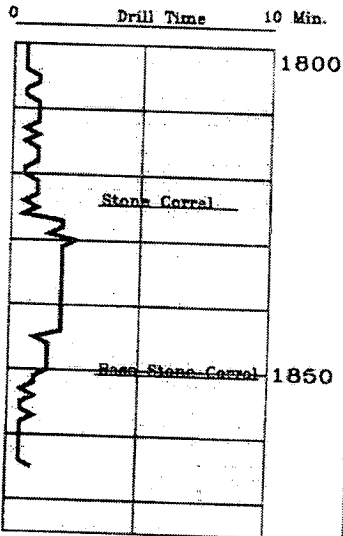
7-16-10 3360'

Production casing was set to further test this well.

7-17-10 3688'

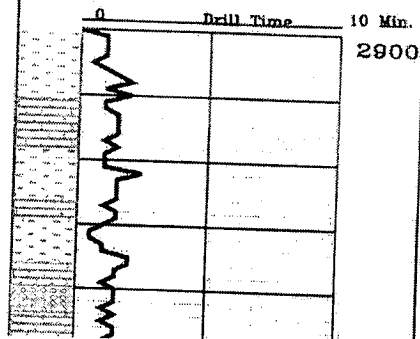
Respectfully submitted,

Robert Petersen



NOTE:

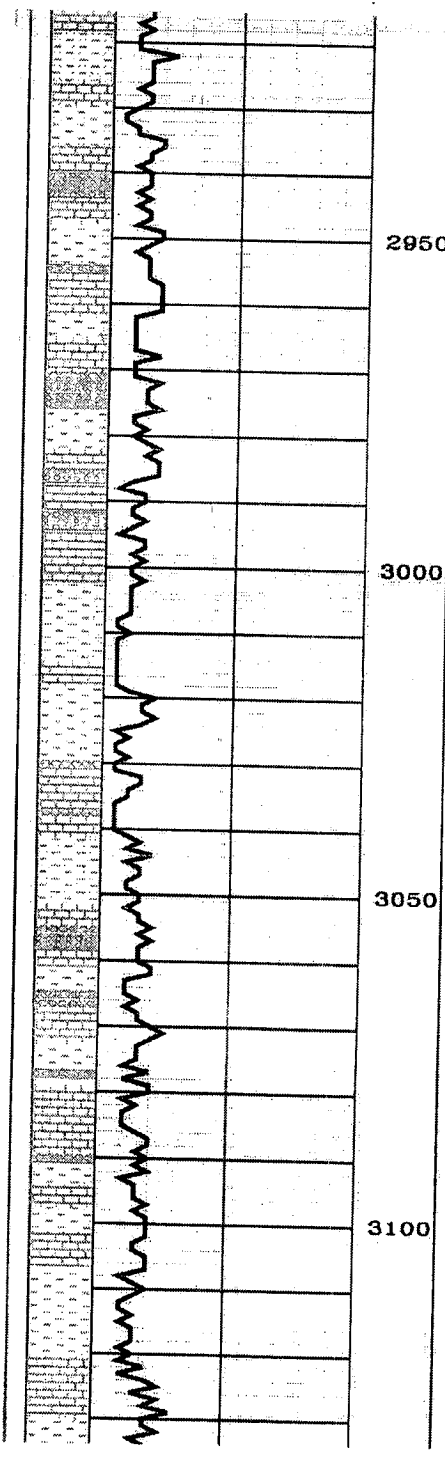
E-LOG TOPS ARE 3' HIGH TO SAMPLE LOG TOPS



Sample Description

SH; Gray + SS; Lt gray, fine gray, silty + LS; Gray, fine crystalline, chalky w/dead oil flakes (30)

LS; Cream/tan, fine crystalline, foss., chalky + SS; Gray/white, fine grained; silty, friable + SH; Red/gray (60)



LS; Cream/tan, fine crystalline, foss., chalky + SS; Gray/white, fine grained, silty, friable + SH; Red/gray (60)

2950

LS; Gray/dark gray mottled, fine crystalline, foss., chalky + SS; Gray/white, fine grained, friable + SH; Red/gray (90)

LS; Gray, dense, foss, blocky + SH;  
Dark gray/red/gray + SS; Gray (20)

3000

LS; Gray/cream, fine crystalline to dense, foss (50)

SH; Red/gray + SS; Gray silty + SS; Tan/gray, fine grained, friable to well-cem + LS; Cream, fine crystalline to dense, foss/ool (80)

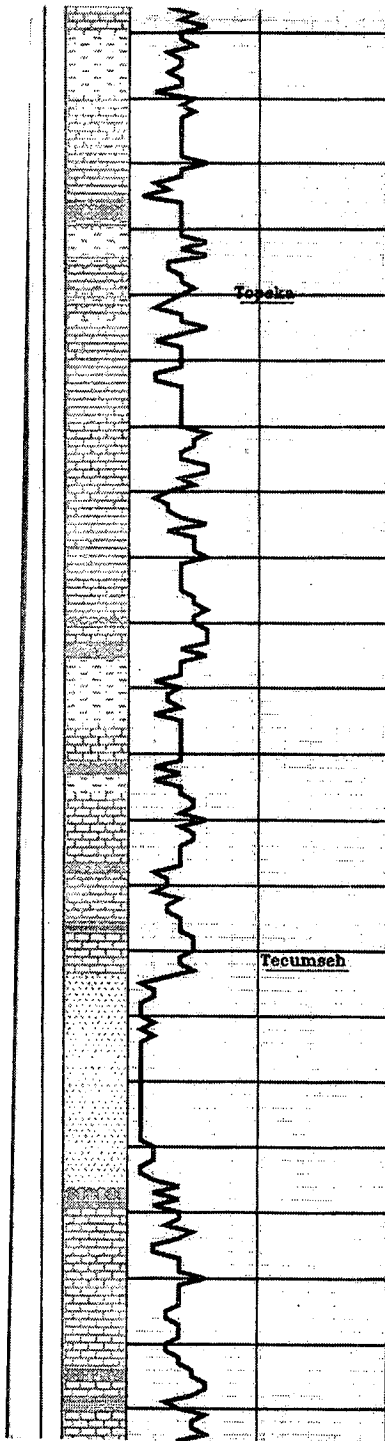
3050

SH; Gray + SH; Dark gray + LS; Cream/tan, fine crystalline, ool (10)

3100

SH; Gray, silty (40)

LS; Cream/tan, fine crystalline to dense, foss (40)



to dense, foss (40)

SH; Gray/red + SS; Gray +LS; Cream/lit gray, fine crystalline to dense, foss, trace stain (70)

SH; Gray/dark gray + LS; Cream, fine crystalline, ool, chalky + LS; Gray/dark gray mottla, fine crystalline foss (00)

SH; Gray (90)

LS; Gray/cream; fine crystalline to dense, foss, chalky (10)

LS; Lt gray/tan/cream, fine crystalline to dense blocky, cherty (20)

SH; Red (30)

LS; Cream/lit gray, dense (30)

LS; Cream/gray, dense, foss, chalky, slightly chalky + SH; Gray/dark gray (40)

LS; Gray, dense, foss + SH; Gray/trace SS; Gray, fine grained, angular (50)

LS; Cream, fine crystalline, foss, chalky, cherty (60)

LS; Cream/lit gray, blocky (70)

LS; Cream, fine crystalline to dense, foss, chalky (80)

LS; Tan/lit gray/cream, dense + SH; Gray (00)

SS; Gray/tan, fine grained, well-cemented to friable + SH; Red/gray—few dead oil flakes (10)

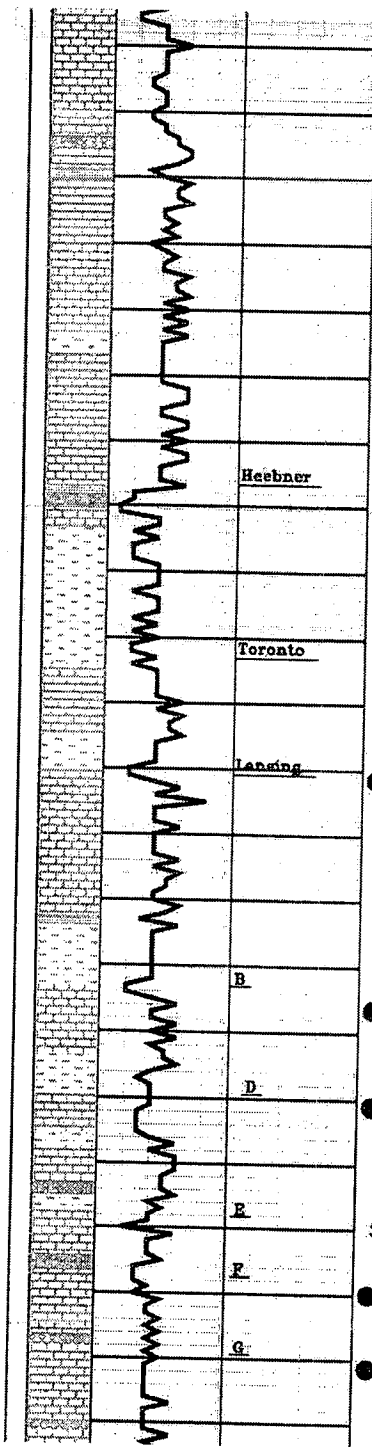
SS; Gray; Tan/brown, fine grained, subangular to subrounded, friable + SH; Red/gray (20)

LS; Cream/tan, fine crystalline, oolitic-granular, foss, chalky + SH; Gray/dark gray (30)

+SH; Red/gray + LS; Gray, fine crystalline to dense, foss (40)

LS; Lt gray, fine crystalline ool, chalky (50)

SH; Black (50)



+SH: Red/gray + LS: Gray, fine crystalline to dense, foss (40)

LS: Lt gray, fine crystalline ool, chalky (50)

SH: Black (50)

LS: Gray, fine crystalline to dense, foss (60)

LS: Cream/tan, fine crystalline, ool/foss-mottled, slightly brecciated, cherty + SH: Red/gray (80)

SHORT TRIP TO COLLARS @ 3360'  
STRAP 1.35 SHORT

LS: Cream, fine crystalline, ool, chalky, hard + LS: Cream/lt gray, fine crystalline to dense, chalky, cherty (90/00)

SH: Black (00/flood 10)

LS: Tan, fine crystalline to dense, foss (10)

SH: Red/gray/green (10)

3400 SS: White/tan/brown, fine grained, subangular to subrounded, friable (20)

LS: Cream/tan, fine crystalline, ool, chalky, trace edge stain + tr poor oolitic por, trace gray stain on dry (25)

LS: Tan/gray, fine crystalline to dense, dolomitic, cherty + LS: Tan/gray, dense, dolo (25/15")

SH: Red/gray, sandy + SS: Gray, friable to well-cem (40)

LS: Cream, fine crystalline, oolitic-granular, slightly chalky-dolomitic, cherty w/fair intergran por, sfo, odor, lt brown stain or porosity (50)

LS: Cream, fine crystalline, slightly chalky + LS: Cream/lt gray/graym fine crystalline to dense, foss (60/70)

SH: Black (70)

3450 SH: Red/gray (70)

LS: Cream, fine crystalline, ool-gran, w/poor to fair intergran por, sfo, odor (75/15")

LS: Cream, fine crystalline to dense, ool, slightly chalky (80)

SH: Red/gray, silty (90)

LS: Tan, fine crystalline, dolo, cherty w/gsf, heavy odor, fair to good intercrystalline por (95)

LS: Cream, fine crystalline, ool w/fair inter-ool por, even to patchy stain (00)

SH: Gray (10)

3500 LS: Cream/gray, fine crystalline, ool, dolomitic w/fair, intercrystalline por, stain, sfo (20)

SH: Red/gray (20)

LS: Cream/lt gray, fine crystalline, foss, dolomitic w/ppt por, sfo, odor, bleeding oil (30)

SH: Black (40)

LS: Cream, fine crystalline, ool, chalky w/poor intercrystalline por, patchy stain, sfo (40)

LS: Cream, fine crystalline, ool, chalky + LS: Cream/gray, fine

