

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

9/25/10

Operator: License # 3842
 Name: LARSON ENGINEERING, INC.
 Address: 562 WEST STATE ROAD 4
 City/State/Zip: OLMITZ, KS 67564-8561
 Purchaser: NCRA
 Operator Contact Person: TOM LARSON
 Phone: (620) 653-7368
 Contractor: Name: H.D.DRILLING, LLC
 License: 33935
 Wellsite Geologist: ROBERT LEWELLYN
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, 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./SWD
 Plug Back Plug Back Total Depth _____
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

<u>6/1/2008</u>	<u>6/11/2008</u>	<u>7/14/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 101-22100-00-00
 County: LANE
SE NW NE NE Sec. 27 Twp. 19 S. R. 30 East West
4864 486 S feet from NORTH Line of Section
735 708 E feet from EAST Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: FREEMAN Well #: 1-27
 Field Name: WILDCAT
 Producing Formation: CHEROKEE
 Elevation: Ground: 2893' Kelly Bushing: 2898'
 Total Depth: 4700' Plug Back Total Depth: 4649'
 Amount of Surface Pipe Set and Cemented at 287 Feet
 Multiple State Cementing Collar Used? Yes No
 If yes, show depth set 2149 Feet
 If Alternate II completion, cement circulated from 2149
 feet depth to SURFACE w/ 200 sx cmt.

Drilling Fluid Management Plan Alt II 04-11-25-08
 (Data must be collected from the Reserve Pit)
 Chloride content 8500 ppm Fluid volume 950 bbls
 Dewatering method used ALLOWED TO DRY
 Location of fluid disposal if hauled offsite: _____
 Operator Name: _____
 Lease Name: _____ License No.: _____
 Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
 County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this information shall be filed with the Kansas Corporation Commission, 130 South 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 on 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.

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.

Signature: Carol Larson
 Title: SECRETARY/TREASURER Date: 9/25/2008
 Subscribed and sworn to before me this 25th day of September,
2008.
 Notary Public: Debra J. Ludwig
 Date Commission Expires: MAY 5, 2012

KCC Office Use ONLY
 Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

RECEIVED
KANSAS CORPORATION COMMISSION

SEP 26 2008

DEBRA J. LUDWIG
 Notary Public - State of Kansas
 My Appt. Expires 5/5/2012

CONSERVATION DIVISION
WICHITA, KS

Operator Name: LARSON ENGINEERING, INC. Lease Name: FREEMAN Well #: 1-27
 Sec. 27 Twp. 19 S. R. 30 East West County: LANE

INSTRUCTIONS: Show important tops and base of formation penetrated. Detail all cores. Report all final copes of drill stem 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 copy of all Electric Wireline Logs surveyed. Attach final geologist well site report.

Drill Stem Tests Taken (Attach Additional Sheets) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Sample Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run (Submit Copy) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: DUAL INDUCTION DUAL COMP POROSITY MICRORESISTIVITY	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name KCC Top Datum ANHYDRITE 2171 +727 BASE ANHYDRITE 2229 +669 HEEBNER SHALE 3931 -1033 LANSING-KANSAS CITY 3974 -1076 STARK SHALE 4265 -1367 BASE KANSAS CITY 4347 -1449 MARMATON 4379 -1481 PAWNEE 4474 -1576 FORT SCOTT 4516 -1618 CHEROKEE 4537 -1639 MISSISSIPPIAN 4601 -1703 RECEIVED KANSAS CORPORATION COMMISSION SEP 26 2008 CONFIDENTIAL CONSERVATION DIVISION WICHITA, KS
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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	12-1/4"	8-5/8"	23#	287'	CLASS A	175	2% GEL, 3% CC
PRODUCTION	7-7/8"	4-1/2"	10.5#	4699'	SMD	125	1/4#/SK FLOCELE
					EA-2	100	5% CALSEAL, 10% SALT, 1/2% CFR-1, 1/8#/SK FLOCELE. 7-1/2#/SK GILSONITE

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth		Type of Cement	# Sacks Used	Type and Percent Additives
	Top	Bottom			
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	SURF	2149'	SMD	200	1/4#/SK FLOCELE

Shots per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid. Fracture, Shot, Cement, Squeeze Record (Amount and Kind of Material Used)	
		Amount and Kind of Material Used	Depth
4	4588-91	250 GAL 15% MCA	4588-91
4	4550-52	250 GAL 15% MCA	4550-52
4	4424-27	250 GAL 15% MCA	4424-27
		SQZ: 50 SX CLASS A	4424-27

TUBING RECORD		Size 2-3/8"	Set At 4645'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 7/14/08			Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. 15	Gas Mcf 0	Water Bbls. 4	Gas-Oil Ratio 0	Gravity 29

Disposition of Gas: Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: 4550 - 4591 OA

ALLIED CEMENTING CO., LLC. 34025

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

SERVICE POINT:
Russell KS

DATE <u>6-1-08</u>	SEC. <u>27</u>	TWP. <u>19</u>	RANGE <u>30</u>	CALLED OUT	ON LOCATION	JOB START <u>1:30am</u>	JOB FINISH <u>2:00am</u>
LEASE <u>Freeman</u>	WELL # <u>1-27</u>		LOCATION <u>Dighton KS 8W 7S</u>		COUNTY <u>Lane</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>W into</u>				

CONTRACTOR HD Drilling Co Rig #1

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 289'

CASING SIZE 8 5/8 23# DEPTH 290'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 17.51 Bbl

OWNER _____

CEMENT AMOUNT ORDERED 175 com 3%CC 2%Gel

EQUIPMENT

PUMP TRUCK CEMENTER John Roberts

366 HELPER Matt

BULK TRUCK

410 DRIVER Robert

BULK TRUCK

_____ DRIVER _____

COMMON	<u>175</u>	@	<u>12.15</u>	<u>2,126.25</u>
POZMIX		@		
GEL	<u>J</u>	@	<u>18.25</u>	<u>54.75</u>
CHLORIDE	<u>6</u>	@	<u>51.00</u>	<u>306.00</u>
ASC		@		
	<u>KCC</u>	@		
	<u>SEP 25 2008</u>	@		
	<u>CONFIDENTIAL</u>	@		
		@		
		@		
		@		
HANDLING	<u>184</u>	@	<u>2.05</u>	<u>377.20</u>
MILEAGE	<u>.09/sk/mile</u>			<u>331.20</u>
TOTAL				<u>3,195.40</u>

REMARKS:

Est. circulation Mix 175sk com

3% cc 2% Gel Displace w/17.51 Bbl

H2O. Cement Did Circulate!

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>893.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>20</u>	@	<u>7.00</u>
MANIFOLD		@	
		@	
TOTAL <u>1,033.00</u>			

CHARGE TO: Larson Operating

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@	
	@	
<u>8 7/8 Wood Plug</u>	@	<u>66.00</u>
	@	
	@	
TOTAL <u>66.00</u>		

To Allied Cementing Co., 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.

Thanks!

PRINTED NAME Doug Roberts

SIGNATURE Doug Roberts

Thanks!

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS



CHARGE TO: **LARSON OPERATING**
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET
 No 14559

PAGE 1 OF 2

SERVICE LOCATIONS: 1. **NESS CITY, KS**

WELL/PROJECT NO.: **1-27** LEASE: **FRESMAN** COUNTY/PARISH: **LANE** STATE: **Ks** CITY: DATE: **7-9-08** OWNER: **SAME**

TICKET TYPE: SERVICE SALES CONTRACTOR: **WORLD WEST WELL SERVICE** RIG NAME/NO.: SHIPPED VIA: **CT** DELIVERED TO: **LOCATION** ORDER NO.:

WELL TYPE: **OIL** WELL CATEGORY: **DEVELOPMENT** JOB PURPOSE: **SQUEEZE PERFS - CNT PORT COLLAR** WELL PERMIT NO.: WELL LOCATION: **AMY, KS - 1/4 W, BS, W INTO**

REFERRAL LOCATION: INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #104	45		MI		6.00	270.00
578		1			PUMP SERVICE	1		JOB	4424 FT	1400.00	1400.00
288		1			SACK SAND	1		SBS		25.00	25.00
325		1			STANDARD CEMENT	50		SBS		12.75	637.50
290		1			D-ACR	1		GAL		35.00	35.00
581		1			SERVICE CHARGE CEMENT	75		SBS		1.90	142.50
583		1			DRAINAGE	7050		LBS	158.625 TM	1.75	277.59
286		1			HAUL-1	10		LBS		6.50	65.00

RECEIVED
 MANSAS CORPORATION COMMISSION
 SEP 26 2008
 CONSERVATION DIVISION
 WICHITA, KS

CONFIDENTIAL
 SEP 25 2008
 KCCS

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X *J. Larson*
 DATE SIGNED: **7-9-08** TIME SIGNED: **1300**
 A.M. P.M.

REMIT PAYMENT TO:
SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				#1	2852.59
WE UNDERSTOOD AND MET YOUR NEEDS?				#2	5066.98
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Subtotal	7919.57
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Tax Lane 5.3%	216.24
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	8135.81
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR: *Waxie Wilson* APPROVAL:

Thank You!



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 14559

CUSTOMER (ARSON) OPERATING WELL FRESHMAN 1-27 DATE 7-9-08 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY.	UM	QTY.	UM		
						CONST PORT COLAR						
330		1				SWIFT MULTI-DRYDRY STANDARDS	200	SECS			15.50	3100.00
276		1				FLOCELE	75	LBS			1.50	112.50
290		1				D-ADD	3	GAL			35.00	105.00
<p>KCC SEP 25 2008 CONFIDENTIAL</p>												
<p>RECEIVED KANSAS CORPORATION COMMISSION SEP 26 2008 CONSERVATION DIVISION MICHITA, KS</p>												
581		1				SERVICE CHARGE						
							CUBIC FEET					
583		1				MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES			
						29955	45			300	1.90	570.00
										673.9875	1.75	1179.48

CONTINUATION TOTAL 5066.98

JOB LOG

SWIFT Services, Inc.

DATE 7-9-08 PAGE NO.

CUSTOMER **LARSON OPERATING** WELL NO. **1-27** LEASE **FREEMAN** JOB TYPE **COMMIT SQUEEZE PERFS - PORT COLLAR** TICKET NO. **14559**

CHART NO.	TIME	RATE (BPM)	VOLUME (BB) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1300							ON LOCATION
								KCC SEP 25 2000 CONFIDENTIAL 2 3/8 x 4 1/2 RBP e 4478 PERFS e 4424-27 PKR e 4377
	1340		10 1/2	✓		1500		TEST TOOLS - TUB - HEAD e 4440 PKR
			40	✓				RELEASE PKR - CIRCULATE WELL CLEAN
	1420		14 1/2					SPOT 1 SK SAND e 4440
	1500		2		✓	600		PULL PKR TO 4377' - SET LOAD ADJUSTS - PSE - S/E
	1505	1 3/4	4	✓		1000		INT RATE
	1515	1 1/2	10 1/2	✓		200		OPEN BYPASS - MAX SOCKS STANARDS (10" HAWB - 1 1ST TUB)
								SET DOWN - CLOSE BYPASS
	1525	1 1/2	0	✓		500		DISPARE COMMT
		1 1/2	7 1/2	✓		600		" CNT e PERFS
		1 1/2	12	✓		950		"
	1535	1/2	17	✓		1250		" SHUT DOWN
	1540					1050		SHUT IN - WASH TRUCK
	1600					800		STAGE - BLEED OFF
	1610					1000		" "
	1630					1250		" " SLOW
	1635					1500		HOLDING
	1645					1500		RELEASE - HOLD
	1650	2 1/2	60	✓		450		REVERSE CLEAN - WASH THROUGH SQUEEZE - 4' SAND
	1730							PULL TUBING - TOOL (PKR) 45 SKS CNT IN PERFS RUN PORT COLLAR OPENING TOOL - PORT COLLAR e 2149'
	2010				✓	1000		PSE TEST CABLE - HEAD
	2015	3 1/2	2	✓		400		OPEN PORT COLLAR - INT RATE
	2020	4	111	✓		400		MAX COMMT 200 SKS SAND 1/4 # FLOCELE P/SK
	2055	4	7 1/2	✓		600		DISPARE COMMT
	2105			✓		1000		CLOSE PORT COLLAR - PSE TEST - HEAD
								CIRCULATE 20 SKS CNT TO PER
	2115	3 1/2	25	✓		450		RUN 4 JTS - CIRCULATE CLEAN PULL 10 JT S/E
	2200							WASH TRUCK / DONE FOR TODAY
	0830	3 1/2	35	✓		500		WASH SAND OFF RBP EN AM 7-10-08
	0930							JOB COMPLETE

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KANSAS CORPORATION COMMISSION
SEP 26 2008
CONSERVATION DIVISION
WICHITA, KS

THANK YOU
WAYNE, BRETT, RAY, ROB



CHARGE TO: **Carlson OPERATING**
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET No 14491

PAGE 1 OF 2

1. SERVICE LOCATIONS Ness City, KS	WELL/PROJECT NO. 1-27	LEASE FREEMAN	COUNTY/PARISH LANE	STATE Ks	CITY	DATE 6-11-08	OWNER SAME
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR H-D DRILLING #1	RIG NAME/NO.	SHIPPED VIA CT	DELIVERED TO LOCATION	ORDER NO.	
3.	WELL TYPE OIL	WELL CATEGORY DEVELOPMENT	JOB PURPOSE 5 1/2" LONGSTRAP	WELL PERMIT NO.	WELL LOCATION NEIGHTON, Ks - 8th, 7s, W2T0		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT
		LOC	ACCT	DF		QTY.	UM	QTY.	UM		
575		1			MILEAGE # 104	50		ME		6.00	300.00
578		1			PUMP SERVICE	1		JOB	4700 FT	1400.00	1400.00
221		1			LIQUID KCL	2		Gal		26.00	52.00
281		1			MUD FLUSH	500		Gal		1.00	500.00
419		1			ROTATING HEAD RENTAL	1		JOB		250.00	250.00
<p>KCC SEP 25 2008 CONFIDENTIAL</p>											

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 SEP 26 2008
 CONSERVATION DIVISION
 WICHITA, KS

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X *John [Signature]*
 DATE SIGNED **6-11-08** TIME SIGNED **1800** A.M. P.M.

REMIT PAYMENT TO:
SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				#1	2502.00
WE UNDERSTOOD AND MET YOUR NEEDS?				#2	5602.20
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Subtotal	8104.20
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX	262.01
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO			Lane 5.3%	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	8366.21



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 14491

CUSTOMER **LARSON OPERATING** WELL **FREEMAN 1-27** DATE **6-11-08** PAGE **2** OF **2**

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOG	ACCT	DF								
325		1				STANDARD CONCRET	EA-2	100	SKS		12.75	1275.00
330		1				SWEET MULTE-DWSETT STAMPS		125	SKS		15.50	1937.50
276		1				FLOCFE		56	lbs		1.50	84.00
283		1				SALT		500	lbs		.20	100.00
284		1				CALCAL		5	SKS	500 lbs	30.00	150.00
285		1				CFR-1		50	lbs		4.50	225.00
290		1				D-AR		2	gal		35.00	70.00
277		1				GILSONOTE		750	lbs		.40	300.00
						RECEIVED KANSAS CORPORATION COMMISSION CONSERVATION DIVISION WICHITA, KS SEP 26 2008						
581		1				SERVICE CHARGE		CUBIC FEET		225	1.90	427.50
583		1				MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES			
							22866	50	590.4	571.65	1.75	1033.20
							23616					1000.39

KANSAS
 SEP 25 2008
 CONFIDENTIAL

CONTINUATION TOTAL 5602.20
5269.39

JOB LOG

SWIFT Services, Inc.

DATE 6-11-08 PAGE NO. 7

CUSTOMER Larson Operating WELL NO. 1-27 LEASE FREEMAN JOB TYPE 5 1/2" LONGSTRING TICKET NO. 14491

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1800							ON LOCATION
								KCC 7D-4700 SET = 4699 TP-4700.80 4 1/2" / FT 10.5 SEP 25 2008 ST-42.57 CONFIDENTIAL PORT COLU = 2148
	1745							DROP BALL - CALCULATE ROTATE
	1855	6	12		✓		450	PUMP 500 GAL MUD FLUSH "
	1857	6	20		✓		450	PUMP 20 BRIS KCL FLUSH "
	1903		4					PLUG RH
	1905	5 1/2	46		✓		350	MAX CONSIST - Q - 125 SMD = 12.7 PPG "
		4 1/2	24		✓		200	TZ - 100 EA-2 = 15.5 PPG "
	1923							WASH OUT PUMP - 2228
	1924							RELEASE CATCH DOWN PLUG
	1925	7	0		✓			DISPLACE PLUG "
		6 1/2	64				700	SHOT OFF ROTATING
	1936	6 1/2	74.06				1500	DRUG DOWN - PSE UP CATCH DOWN PLUG
	1938						OK	RELEASE PSE - HEAD
								RECEIVED KANSAS CORPORATION COMMISSION SEP 26 2008 CONSERVATION DIVISION WICHITA, KS
								WASH TRUCK
	2030							JOB COMPLETE
								THANK YOU WAKE, BRETT, DON