

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 3842
LARSON OPERATING COMPANY
 Name: A DIVISION OF LARSON ENGINEERING, INC.
 Address: 562 WEST HIGHWAY 4
 City/State/Zip: OLMITZ, KS 67564-8561
 Purchaser: _____
 Operator Contact Person: TOM LARSON
 Phone: (620) 653-7368
 Contractor: Name: DUKE DRILLING CO, INC.
 License: 5929

Wellsite Geologist: KRIS KENNEDY
 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>1/6/2004</u>	<u>1/11/2004</u>	<u>3/2/2004</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 053-21123-0000
 County: ELLSWORTH
SWSE NWN E Sec. 18 Twp. 16 S. R. 7 East West
1300 feet from N Line of Section
1800 feet from E Line of Section

Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: SCHROEDER TRUST Well #: 1-18
 Field Name: WILDCAT
 Producing Formation: GRAND HAVEN
 Elevation: Ground: 1568' Kelly Bushing: 1576'
 Total Depth: 2675' Plug Back Total Depth: 2247'
 Amount of Surface Pipe Set and Cemented at 272 Feet
 Multiple State 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 *ALT I WITH 8-17-07*
 (Data must be collected from the Reserve Pit)
 Chloride content 32000 ppm Fluid volume 800 bbls
 Dewatering method used REMOVED FREE FLUIDS
 Location of fluid disposal if hauled offsite:
 Operator Name: EVANS TANK SERVICE, INC.
 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: Thomas Larson
 Title: PRESIDENT Date: 5-12-04
 Subscribed and sworn to before me this 12th day of MAY,
2004.
 Notary Public: Carol S. Larson
 Date Commission Expires: JUNE 25, 2005

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

CAROL S. LARSON
 Notary Public - State of Kansas
 My Appt. Expires 6-25-2005



Operator Name: LARSON OPERATING COMPANY
A DIVISION OF LARSON ENGINEERING, INC. Lease Name: SCHROEDER TRUST Well #: 1-18
 Sec. 18 Twp. 16 S. R. 7 East West County: ELLSWORTH

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 <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
Sample Sent to Geological Survey	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	HUTCH SALT	611'	+965'
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	HERRINGTON	979'	+597'
List All E. Logs Run:	DUAL INDUCTION NEUTRON DENSITY MICRO LOG		WABAUNSEE	1696'	-120'
			GRAND HAVEN	1765'	-189'
			SEVERY	2134'	-558'
			TOPEKA	2160'	-584'
			HEEBNER	2428'	-852'
			DOUGLAS	2460'	-884'
			BROWN LIME	2544'	-968'
			LANSING	2565'	-989'
			RTD	2675'	

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CASING RECORD <input checked="" type="checkbox"/> New <input checked="" 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	28	272	CLASS A	165	2% GEL & 3% CC
PRODUCTION	7-7/8	4-1/2	10.5	2288	SMD	225	5#/SK GILSONITE, 3/4% HALAD

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth		Type of Cement	# Sacks Used	Type and Percent Additives
	Top	Bottom			
<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		Acid. Fracture, Shot, Cement, Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
4	1770-74'			
4	1783-87'			

TUBING RECORD		Size	Set At	Packer At	Liner Run			
		NONE			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First, Resumed Production, SWD or Enhr.			Producing Method					
3/2/04			<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
				1012				

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

METHOD OF COMPLETION: _____ Production Interval: 1770-74'
1783-87'

SWIFT SERVICES, INC.

PO BOX 466

NESS CITY, 67560-0466

RECEIVED FEB 23 2004

Invoice

DATE	INVOICE #
1/12/04	6298

BILL TO
Larson Operating Company 562 W. Highway 4 Olmitz, KS 67564-8561

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TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Operator	Job Purpose
Net 30	1-18	Schroeder Trust	Ellsworth	Duke Drlg	Gas	Development	Wayne	4 1/2" Longst...

PRICE REFERE...	DESCRIPTION	QTY	UNIT PRICE	AMOUNT
575D	Milage	80	2.50	200.00
578D	Pump Service	1	1,200.00	1,200.00
280	Flocheck 21	500	1.50	750.00T
221	Liquid KCL	1	19.00	19.00T
193	Rotating Head	0	150.00	0.00T
330	Swift Multi-Density	225	9.75	2,193.75T
276	Flocele	50	0.90	45.00T
277	Gilsonite	1,100	0.30	330.00T
286	Halad-1	150	5.25	787.50T
287	Gas Stop	400	4.50	1,800.00T
581D	Service Charge Cement	225	1.00	225.00
583D	Drayage	958.8	0.85	814.98
	Subtotal			8,365.23
	Sales Tax		5.30%	314.04

PAID MAR - 9 2004

13194

Thank you for your business.

Total

\$8,679.27



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

RECEIVED
 MAY 13 2004
 KCC WICHITA

TICKET No **6298**

PAGE 1 OF 1

SERVICE LOCATIONS 1. NESS CO, KS	WELL/PROJECT NO. 1-18	LEASE SCHROEDER TRUST	COUNTY/PARISH ELLSWORTH	STATE KS	CITY	DATE 1-12-04	OWNER SAME
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR DUKE DRIG.	RIG NAME/NO.	SHIPPED VIA CT	DELIVERED TO LOCATED	ORDER NO.	
3.	WELL TYPE GAS	WELL CATEGORY DEVELOPMENT	JOB PURPOSE 4 1/2" LOGS/STAB	WELL PERMIT NO.	WELL LOCATION SW/KANOPOLIS, KS		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE # 104	80		ME		2.50	200.00
578		1			PUMP SERVICE	1	2278	JOB	FT	1200.00	1200.00
280		1			FLOCIER 21	500		GAL		1.50	750.00
221		1			LIQUID KCL	1		GAL		19.00	19.00
193		1			ROTATING HEAD (DID NOT RUN)	1		JOB		150.00	150.00
330		1			SWIFT MULTI-DEWET STANDARD	225		SKS		9.75	2193.75
276		1			FLOCIER	50		lbs		.90	45.00
277		1			GIZSWETE	1100		lbs		.30	330.00
286		1			HAUAB-1	150		lbs		5.25	787.50
287		1			GASSTOP	400		lbs		4.50	1800.00
581		1			SERVICE CHARGE COMPT	225		SKS		1.00	225.00
583		1			DRYAGE	23970	958.8	lbs	M	.85	814.98

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 *T.C. Larson*

DATE SIGNED **1-12-04** TIME SIGNED **0700** 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?				8365.23
WE UNDERSTOOD AND MET YOUR NEEDS?				8515.23
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TAX 314.04
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL 8679.27

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

OPERATOR *Wason* APPROVAL

Thank You!

SWIFT Services, Inc.

DATE 1-22-04 PAGE NO. 1

WELL NO. 1-18 LEASE SCHROEDER TRUST JOB TYPE 4 1/2" LONGSPEWING TICKET NO. 6298

CHART NO.	TIME	RATE (BPM)	VOLUME (BBLS/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0500							ON LOCATION
	0730							START 4 1/2" CASING END WELL
								TD - 2675' SETC 2278.46
								TP - 2293.08 4 1/2" IF 10.5
								ST - 36.10
	0910							CIRCULATE WELL - SET BRIDGE SHOE ROUTE
	1020	6	5		✓		300	PUMP KCL SPACER "
	1021	6	12		✓		300	PUMP FLOCHER-21 "
		6						
	1023	6	5		✓		300	PUMP KCL SPACER "
	1030							PLUG RH - MH
	1040	5 1/2	34.2		✓		250	MIX CEMENT - 100 SEC 13.0 PP6 "
			35.6		✓			115 SEC 13.5 PP6
	1053							WASH OUT PUMP LINES
	1053							RELEASE PLUG
	1054	7	0		✓			DISPLACE PLUG
		6 1/2	35				800	
	1100	6	35.9				1900	PLUG DOWN - PSEUP LATCHED PLUG
								OK RELEASE PSE - HELD
								WASH UP RECEIVED
								MAY 13
	1200							JOB COMPLETE KCC WICHITA
								RECEIVED
								MAY 13 2004 THANK YOU
								KCC WICHITA WARR, JUST, JASON

ALLIED CEMENTING CO., INC.

P.O. BOX 31
 RUSSELL, KS 67665
 PH (785) 483-3887
 FAX (785) 483-5566
 FEDERAL TAX ID [REDACTED]

RECEIVED JAN 15 2004

 * INVOICE *

Invoice Number: 092059

Invoice Date: 01/13/04

Sold Larson Operating Co.
 To: 562 W. HiWay #4
 Olmitz, KS
 67564

Cust I.D.....: Larson
 P.O. Number...: SchroderTR1-18
 P.O. Date.....: 01/13/04

Due Date.: 02/12/04
 Terms.....: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	165.00	SKS	7.1500	1179.75	T
Gel	3.00	SKS	10.0000	30.00	T
Chloride	5.00	SKS	30.0000	150.00	T
Handling	173.00	SKS	1.1500	198.95	E
Mileage (50)	50.00	MILE	8.6500	432.50	E
-173 sks @ \$.05 per sk per mi					
Surface	1.00	JOB	520.0000	520.00	E
Mileage pmp trk	50.00	MILE	3.5000	175.00	E
Wooden Plug	1.00	EACH	45.0000	45.00	T

All Prices Are Net, Payable 30 Days Following Subtotal: 2731.20
 Date of Invoice. 1 1/2% Charged Thereafter. Tax.....: 99.03
 If Account CURRENT take Discount of \$ 273.12 Payments: 0.00
 ONLY if paid within 30 days from Invoice Date Total...: 2830.23
 - 273.12
 2557.11

PAID FEB - 5 2004
 13023

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 KCC WICHITA

ALLIED CEMENTING CO., INC. 14365

Federal Tax [REDACTED]

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

SERVICE POINT:

DATE <u>1-7-04</u>	SEC. <u>18</u>	TWP. <u>11e</u>	RANGE <u>7</u>	CALLED OUT <u>9:00 AM</u>	ON LOCATION <u>11:15 PM</u>	JOB START <u>5:00 AM</u>	JOB FINISH <u>5:45 AM</u>
LEASE <u>Schroder</u>		WELL # <u>1-18</u>		LOCATION <u>H & 14th ST 9W, 4E, 1N, 3/4W 5/3</u>		COUNTY <u>Edwards</u>	STATE <u>Ka</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Duke #8
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4" T.D. 271'
 CASING SIZE 8 5/8" 28# DEPTH 271'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT 11 bbls

OWNER Same
 CEMENT
 AMOUNT ORDERED 1165 lbs Common
38cc 280 gal

EQUIPMENT
 PUMP TRUCK CEMENTER Jim D
 # 181 HELPER Bob B
 BULK TRUCK
 # 344 DRIVER Steve T
 BULK TRUCK
 # _____ DRIVER _____

COMMON	<u>165 lb</u>	@	<u>7.15</u>	<u>1179.75</u>
POZMIX		@		
GEL	<u>3 lb</u>	@	<u>10.00</u>	<u>30.00</u>
CHLORIDE	<u>5 lb</u>	@	<u>30.00</u>	<u>150.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>175 lb</u>	@	<u>1.15</u>	<u>198.75</u>
MILEAGE	<u>175 mi / OS</u>		<u>SD</u>	<u>432.50</u>

TOTAL ~~1991.20~~
1991.20

REMARKS:

Ran 271' of 8 5/8" csg. Broke circulation
Mixed 1165 lbs common 38cc 280 gal
Released Plug. Displaced with fresh
H₂O.
Cement did circulate

SERVICE

DEPTH OF JOB	<u>271'</u>		
PUMP TRUCK CHARGE			<u>520.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>50</u>	@	<u>3.50</u> <u>175.00</u>
PLUG 1-8 5/8" wooden		@	<u>45.00</u> <u>45.00</u>
		@	
		@	

TOTAL 740.00

CHARGE TO: Larson Operating Co
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	

RECEIVED

MAY 13 2004

TOTAL _____

KCC WICHITA

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE X [Signature]

X STEVEN H. STEPHENS
 PRINTED NAME

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.