

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

CONFIDENTIAL

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 3842
 Name: LARSON OPERATING COMPANY
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: SUMMIT DRILLING
 License: 30141
 Wellsite Geologist: TIM HEDRICK
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp Abd.
 Gas ENHR SIGW
 Dry PIPELINE CONNECTION
 Other DELAYED COMPLETION WAITING ON

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. _____

		DELAYED COMPLETION
<u>7/21/2004</u>	<u>7/26/2004</u>	<u>COMPLETION</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 053-21129-0000
 County: ELLSWORTH
APP E/2 SW NW Sec. 17 Twp. 16 S. R. 7 East West
1900 feet from NORTH of Section
990 feet from WEST of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE **NW** SW
 Lease Name: HOFFMAN Well #: 1-17
 Field Name: WILDCAT
 Producing Formation: DELAYED COMPLETION
 Elevation: Ground: 1560' Kelly Bushing: 1570'
 Total Depth: 2200 Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 270 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.

RECEIVED
 KANSAS CORPORATION COMMISSION
 NOV 17 2004
 CONSERVATION DIVISION
 WICHITA, KS

KCC
 NOV 16 2004
CONFIDENTIAL

Drilling Fluid Management Plan
 (Data must be collected from the Reserve Pit) *ALT I with 8-28-04*
 Chloride content _____ ppm Fluid volume _____ bbls
 Dewatering method used _____
 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: Thomas Hedrick
 Title: SR. GEOLOGIST Date: 11/16/2004
 Subscribed and sworn to before me this 16TH day of NOVEMBER, 2004.

Notary Public: Laura E. Alarid
 Date Commission Expires: NOTARY PUBLIC 2005
STATE OF COLORADO
 My Commission Expires 03/28/2005

KCC Office Use ONLY

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

Operator Name: LARSON OPERATING COMPANY
A DIVISION OF LARSON ENGINEERING, INC. Lease Name: HOFFMAN Well #: 1-17
 Sec. 17 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: <u>RADIATION GUARD LOG</u> <u>NEUTRON / DENSITY POROSITY LOG</u>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> <tr> <td>HUTCHISON SALT</td> <td>580</td> <td>990</td> </tr> <tr> <td>HERRINGTON</td> <td>967</td> <td>603</td> </tr> <tr> <td>FLORENCE</td> <td>1170</td> <td>400</td> </tr> <tr> <td>RED EAGLE</td> <td>1550</td> <td>20</td> </tr> <tr> <td>GRAND HAVEN</td> <td>1758</td> <td>-188</td> </tr> <tr> <td>SEVERY</td> <td>2126</td> <td>-556</td> </tr> <tr> <td>TOPEKA</td> <td>2158</td> <td>-588</td> </tr> <tr> <td>TD</td> <td>2200</td> <td></td> </tr> </table> <p style="text-align: center; font-size: 1.2em; font-weight: bold;">KCC</p> <p style="text-align: center; font-size: 1.2em; font-weight: bold;">NOV 16 2004</p> <p style="text-align: center; font-size: 1.2em; font-weight: bold;">CONFIDENTIAL</p>	Name	Top	Datum	HUTCHISON SALT	580	990	HERRINGTON	967	603	FLORENCE	1170	400	RED EAGLE	1550	20	GRAND HAVEN	1758	-188	SEVERY	2126	-556	TOPEKA	2158	-588	TD	2200	
Name	Top	Datum																										
HUTCHISON SALT	580	990																										
HERRINGTON	967	603																										
FLORENCE	1170	400																										
RED EAGLE	1550	20																										
GRAND HAVEN	1758	-188																										
SEVERY	2126	-556																										
TOPEKA	2158	-588																										
TD	2200																											

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	270'	CLASS A	175	2% GEL & 3% CC
PRODUCTION	7-7/8"	4-1/2"	10.5	2192'	SMD EA-2	75 100	2%CC, 1/4#/sk flocele 7#/sk gilsonite, 1/2% Halad

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 (Amount and Kind of Material Used)	Depth
	NONE -- WAITING ON PIPELINE CONNECTION		

RECEIVED
 KANSAS CORPORATION COMMISSION
 NOV 17 2004
 CONSERVATION DIVISION
 WICHITA, KS

TUBING RECORD		Size	Set At	Packer At	Liner Run			
					<input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First, Resumed Production, SWD or Enhr.			Producing Method					
			<input 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

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

If vented, submit ACO-18.)

METHOD OF COMPLETION

Production Interval _____

ALLIED CEMENTING CO., INC.

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

 * INVOICE *
 * RECEIVED * JUL 30 2004

Invoice Number: 093879

Invoice Date: 07/27/04

Sold Larson Operating Co.

To: 562 W. Hiway #4
 Olmitz, KS
 67564

KCC
 NOV 16 2004
 CONFIDENTIAL

RECEIVED
 KANSAS CORPORATION COMM
 NOV 17 2004
 CONSERVATION DIVISION
 WICHITA, KS

Cust I.D.....: Larson
 P.O. Number...: Hoffman 1-17
 P.O. Date.....: 07/27/04

Due Date...: 08/26/04
 Terms.....: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	175.00	SKS	7.6500	1338.75	T
Gel	3.00	SKS	11.0000	33.00	T
Chloride	5.00	SKS	30.0000	150.00	T
Handling	183.00	SKS	1.2500	228.75	E
Mileage (45)	45.00	MILE	9.1500	411.75	E
183 sks @ \$.05 per sk per mi					
Surface	1.00	JOB	520.0000	520.00	E
Mileage pmp trk	45.00	MILE	4.0000	180.00	E
TWP	1.00	EACH	45.0000	45.00	T

All Prices Are Net, Payable 30 Days Following Subtotal: 2907.25
 Date of Invoice. 1 1/2% Charged Thereafter. Tax.....: 90.87
 If Account CURRENT take Discount of \$ 290.72 Payments: 0.00
 ONLY if paid within 30 days from Invoice Date Total....: 2998.12

(290.72)
 2707.40

DRLG COMP W/O LOE

AFE # _____

ACCT # 135/60

APPROVED BY T.C. Larson

RECEIVED AUG 10 2004

Invoice

SWIFT SERVICES, INC.

PO BOX 466

NESS CITY, 67560-0466

DATE	INVOICE #
7/26/04	6892

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

KCC
NOV 16 2004
CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

NOV 17 2004

CONSERVATION DIVISION
WICHITA, KS

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Operator	Job Purpose
Net 30	1-11	Hoffman	Ellsworth	Summit Drlg	Gas	Development	Nick	Longstring
PRICE REFERE...	DESCRIPTION				QTY	UNIT PRICE	AMOUNT	
575D	Milage				80	2.50	200.00	
578D	Pump Charge				1	1,200.00	1,200.00	
410-4	Top Plug				1	35.00	35.00T	
193	Rotating Head				1	150.00	150.00T	
330	Swift Multi-Density				75	10.00	750.00T	
325	Cement				100	7.25	725.00T	
284	Calseal				5	25.00	125.00T	
283	Salt				500	0.15	75.00T	
277	Gilsonite				700	0.30	210.00T	
287	Gas Stop				200	4.50	900.00T	
286	Halad-1				50	5.25	262.50T	
581D	Service Charge Cement				175	1.00	175.00	
281	Mud Flush				500	0.60	300.00T	
221	Liquid KCL				2	19.00	38.00T	
583D	Drayage				748	0.85	635.80	
Subtotal								5,781.30
Sales Tax							5.30%	189.24
<input type="checkbox"/> DRLG <input checked="" type="checkbox"/> COMP <input type="checkbox"/> W/O <input type="checkbox"/> LOE AFE # _____ ACCT # <u>137/60</u> APPROVED BY <u>J.C. Larson</u>								

Thank you for your business.

Total

\$5,970.54