KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY – DESCRIPTION OF WELL & LEASE

Operator: License # 3842
Name: LARSON OPERATING COMPANY
A DIVISION OF LARSON ENGINEERING, INC.
Address: 562 WEST STATE ROAD 4
City/State/Zip: OLMITZ, KS 67564-8561
Purchaser:
Operator Contact Person: TOM LARSON
Phone: (620) 653-7368
Contractor: Name: EXPRESS WELL SERVICE
License: 6426
Wellsite Geologist:

Designate Type of Completion:

___ New Well ___ Re-Entry _X_ Workover
___ Oil _X_ SWD ___ SIOW ___ Temp Abd.
___ Gas ___ ENHR ___ SIGW
___ Dry ___ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: LARSON OPERATING COMPANY
Well Name: STAAB #10 SWD
Original Comp. Date: 8-14-50 Original Total Depth: 3659'

___ Deepening ___ Re-perf. ___ Conv. to Enhr./SWD
___ Plug Back ___ Plug Back Total Depth
___ Commingled Docket No.
___ Dual Completion Docket No.
_X_ Other (SWD or Enhr.?) Docket No. D-03,060

9/25/2006	10/24/2006	10/30/2006
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 051-06666-0001
County: Ellis
~~C~~ NE NW NE Sec. 11 Twp. 12 S. R. 18 ☐ East ☒ West
~~4620~~ 4643 feet from South Line of Section
~~1650~~ 1702 feet from EAST Line of Section
GPS - KCC - DG
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: AV STAAB Well #: 10 SWD
Field Name: BEMIS-SHUTTS
Producing Formation: ARBUCKLE/GRANITE WASH SWD
Elevation: Ground: 2121' Kelly Bushing: 2126'
Total Depth: 4190' Plug Back Total Depth: 4190'
Amount of Surface Pipe Set and Cemented at 1375 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.
WO - DG - 1/8/09

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 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: 11/6/06
Subscribed and sworn to before me this 11TH day of NOVEMBER,
20 06.
Notary Public: Debra J. Ludwig
Date Commission Expires: MAY 5, 2008

DEBRA J. LUDWIG
Notary Public - State of Kansas
My Appt. Expires 5/5/2008

KCC Office Use ONLY

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

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Side Two

Operator Name: LARSON OPERATING COMPANY A DIVISION OF LARSON ENGINEERING, INC. Lease Name: STAAB Well #: 10 SWD

Sec. 11 Twp. 28 S. R. 18 ☐ East ☒ West County: ELLIS

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)*	☐ Yes	☐ No
Sample Sent to Geological Survey	☐ Yes	☐ No
Cores Taken	☐ Yes	☐ No
Electric Log Run *(Submit Copy)*	☐ Yes	☐ No

List All E. Logs Run:

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum

CASING RECORD ☐ New ☐ 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		10-3/4		1375'		700	
PRODUCTION		7	20	3651'		175	
LINER		5-1/2	15.5	3608'	SMD	225	NONE

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top	Depth Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
____ Perforate ____ Protect Casing ____ Plug Back TD ____ Plug Off Zone	3619	3866	5-1/2" 17# WELDED LINER	100	

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
	OPEN HOLE 3866-4190	2500 GAL 28% Fe	3866-4190

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8" SEAL-TITE	3578'	3578'	☒ Yes ☐ No

Date of First, Resumed Production, SWD or Enhr.	Producing Method				
10/30/06	☐ Flowing	☐ Pumping	☐ Gas Lift	☐ 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

If vented, submit ACO-18.)

METHOD OF COMPLETION

☒ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled

☒ Other *(Specify)* SWD

Production Interval

3688-

4190'

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JOB LOG — **SWIFT Services, Inc.**

DATE 10-16-08 PAGE NO. 1

CUSTOMER	WELL NO.	LEASE	JOB TYPE	TICKET NO.
Larson Operating	#10	Staab	Liner	11124

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	16:50							On Loc. set up truck
								5½ Csg. in 7" @ 3608'
								Tuser Float @ 3581'
								Hook up to 5½
								Break Circulation
	17:50							Drop Ball
	18:00		70					START mixing 125sk SMDC 11.2#/gal
			8.4					Tail in with 30sk 14#/gal
	18:25		79					Finished mixing
								wash out pump & line
								Displ. hatch down Plug
	18:55					1500		Plug down 1500 psi holding
								Release press. Float held
								Ann. still Flowing
								Hook up pump 70 sk down Ann.
	19:15							Finished mixing
								Ann. Holding 200 psi
								Shut in
								Release pres. off 5½
								wash and rack up truck
								JOB Complete

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DEC 09 2008
CONSERVATION DIVISION
WICHITA, KS

Thank You

Ryan, Don, Shane

SWIFT Services, Inc.

CHARGE TO: Larson Operating
ADDRESS
CITY, STATE, ZIP CODE

TICKET
Nº 11124
PAGE 1 OF 1

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. Hays, Ks	#10	Staab	Ellis	Ks.		10-16-06	Same

2.	TICKET TYPE ☒ SERVICE ☐ SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.
3.		Express Well Serv.		CIT	Loc.	

4. REFERRAL LOCATION	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION
	Disposal	Workover	Cmt. 5½" Liner in 7" Csg.		

INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC	ACCT	DF	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
575		1			MILEAGE #106	20	mi			4 00	80 00
578		1			Pump Service	1	ea			1250 00	1250 00
~~440~~		1			~~Top Plug~~	~~1~~	~~ea~~	~~5½~~	~~in~~	~~700 00~~	
581		1			Service Charge	225	sk			1 10	247 50
583		1			Drayage	559	TON miles			1 00	559 00
330		1			SMDC	225	sk			13 50	3037 50

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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

DATE SIGNED / TIME SIGNED ☐ 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
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			

ARE YOU SATISFIED WITH OUR SERVICE? ☐ YES ☐ NO

☐ CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	5,174 60
Ellis TAX 5.3%	274 22
TOTAL	5448 22

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

SWIFT OPERATOR Roger B. Leyhe Jr. APPROVAL

Thank You!

Dec. 9. 2008 4:34PM LARSON ENGINEERING No. 4668 P. 2