

CONFIDENTIAL

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
10/09/10

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: THOMAS J FUNK
 Designate Type of Completion: OCT 3 2008
 New Well Re-Entry Workover
 Oil SWD SLOW 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. _____
 6/12/2008 6/22/2008 7/21/2008
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

API No. 15 - 101-22108-00-00
 County: LANE
 SW NW NE NE Sec. 4 Twp. 19 S. R. 29 East West
4687 ⁵⁸⁰ S feet from NORTH Line of Section
1087 ¹¹²² E feet from EAST Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: PHYLLIS "A" Well #: 1-4
 Field Name: WILDCAT
 Producing Formation: MARMATON
 Elevation: Ground: 2820' Kelly Bushing: 2825'
 Total Depth: 4667' Plug Back Total Depth: 4621'
 Amount of Surface Pipe Set and Cemented at 285 Feet
 Multiple State Cementing Collar Used? Yes No
 If yes, show depth set 2123 Feet
 If Alternate II completion, cement circulated from 2123
 feet depth to SURFACE w/ 200 sx cmt.

Drilling Fluid Management Plan AHJHUS 1-20-09
 (Data must be collected from the Reserve Pit)
 Chloride content 12400 ppm Fluid volume 775 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: 10/9/08
 Subscribed and sworn to before me this 9TH day of OCTOBER,
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
OCT 16 2008
CONSERVATION DIVISION
WICHITA, KS
RECEIVED
KANSAS CORPORATION COMMISSION
OCT 10 2008
CONSERVATION DIVISION
WICHITA, KS

notary stamp required

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

Operator Name: LARSON ENGINEERING, INC. Lease Name: PHYLLIS "A" Well #: 1-4
 Sec. 4 Twp. 19 S. R. 29 East West County: LANE

INSTRUCTIONS: Show important tops and base of formation penetrated. Detail all cores. Report all final copies 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 type="checkbox"/> Yes <input checked="" 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: DUAL INDUCTION DUAL COMP POROSITY MICRORESISTIVITY	<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;"><input checked="" type="checkbox"/> Log</td> <td style="width:40%;">Formation (Top), Depth and Datum</td> <td style="width:30%;"><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>ANHYDRITE</td> <td>2160</td> <td>+665</td> </tr> <tr> <td>BASE ANHYDRITE</td> <td>2186</td> <td>+639</td> </tr> <tr> <td>HEEBNER SH</td> <td>3935</td> <td>-1110</td> </tr> <tr> <td>LANSING</td> <td>3978</td> <td>-1153</td> </tr> <tr> <td>STARK SH</td> <td>4257</td> <td>-1432</td> </tr> <tr> <td>BASE KANSAS CITY</td> <td>4335</td> <td>-1510</td> </tr> <tr> <td>PAWNEE</td> <td>4447</td> <td>-1622</td> </tr> <tr> <td>FORT SCOTT</td> <td>4500</td> <td>-1675</td> </tr> <tr> <td>CHEROKEE SH</td> <td>4523</td> <td>-1698</td> </tr> <tr> <td>MISSISSIPPIAN</td> <td>4590</td> <td>-1765</td> </tr> </table> <div style="text-align: center; margin-top: 10px;"> <p>RECEIVED OCT 16 2008 KANSAS CORPORATION COMMISSION CONSERVATION DIVISION WICHITA, KS</p> </div>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	ANHYDRITE	2160	+665	BASE ANHYDRITE	2186	+639	HEEBNER SH	3935	-1110	LANSING	3978	-1153	STARK SH	4257	-1432	BASE KANSAS CITY	4335	-1510	PAWNEE	4447	-1622	FORT SCOTT	4500	-1675	CHEROKEE SH	4523	-1698	MISSISSIPPIAN	4590	-1765
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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#	285'	CLASS A	185	2% GEL, 3% CC
PRODUCTION	7-7/8"	5-1/2"	15.5#	4666'	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 type="checkbox"/> Protect Casing					
<input type="checkbox"/> Plug Back TD					
<input type="checkbox"/> Plug Off Zone					
	SURF	2123	SMD	200	1/4#/SK FLOCELE

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	4452-56		250 GAL 15% MCA	4452-56

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TUBING RECORD		Size	Set At	Packer At	Liner Run	CONSERVATION DIVISION WICHITA, KS	
		2-3/8"	4628		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Date of First, Resumed Production, SWD or Enhr.			Producing Method				
7/21/08			<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
	45	0	0	0	38		

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

Production Interval 4452-4456

If vented, submit ACO-18.)

ALLIED CEMENTING CO., LLC. 33026

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

SERVICE POINT:
Ness City

DATE <u>6-12-08</u>	SEC. <u>4</u>	TWP. <u>19S</u>	RANGE <u>29W</u>	CALLED OUT <u>4:30 PM</u>	ON LOCATION <u>7:30 PM</u>	JOB START <u>7:30 PM</u>	JOB FINISH <u>8:15 PM</u>
LEASE <u>Phy 115 A</u>	WELL # <u>1-4</u>	LOCATION <u>Dighton, 3W to Ike Rd</u>			COUNTY <u>Lane</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="checkbox"/> NEW (Circle one)		LOCATION <u>35 to 120 Rd 1/2 W 5/8</u>					

CONTRACTOR: H-D Drilling #1
 TYPE OF JOB: Surface
 HOLE SIZE: 12 1/4" T.D. 287'
 CASING SIZE: 8 5/8" DEPTH 285'
 TUBING SIZE: _____ DEPTH _____
 DRILL PIPE: _____ DEPTH _____
 TOOL: _____ DEPTH _____
 PRES. MAX: 200A MINIMUM 0
 MEAS. LINE: _____ SHOE JOINT 15'
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT 17 BBLs of freshwater

OWNER: Larson

CEMENT
 AMOUNT ORDERED 185 sx Common
3% CC 2% Gel

COMMON	<u>185 sx</u>	@	<u>12.30</u>	<u>2275.50</u>
POZMIX		@		
GEL	<u>4 cu</u>	@	<u>18.40</u>	<u>73.60</u>
CHLORIDE	<u>6 cu</u>	@	<u>51.50</u>	<u>309.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>195.04</u>	@	<u>2.10</u>	<u>409.50</u>
MILEAGE	<u>195.04</u>	@	<u>09 36</u>	<u>631.80</u>
TOTAL				<u>3699.40</u> <u>3699.40</u>

EQUIPMENT

PUMP TRUCK CEMENTER Rick H.
 # 181 HELPER Wayne D.
 BULK TRUCK
 # 344 DRIVER Alvin R.
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

pipe on bottom, break circulation
mixed 185 sx Common 3% CC 2% Gel
and displaced with 17 BBLs of freshwater
and shut in.
used 8 5/8 sledge
Cement did Circulate.

SERVICE

DEPTH OF JOB 285'
 PUMP TRUCK CHARGE _____ 900.00
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 36 @ 7.00 252.00
 MANIFOLD _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL 1152.00

PLUG & FLOAT EQUIPMENT

_____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL _____

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.

PRINTED NAME x Doug Roberts
 SIGNATURE x Doug Roberts
THANKS!

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS



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

TICKET CONTINUATION

TICKET No. 13799

CUSTOMER *Larson Operating* WELL *Phyllis A #1-4* DATE *6-22-08* PAGE *2* OF *2*

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QUANTITY				UNIT PRICE		AMOUNT	
		LOC	ACCT	DF			QTY	UM	QTY	UM				
325		1				Standard Cement	100	sk			12	75	1275	00
330		1				SMOC	185	sk			15	50	1937	50
276		1				Flocele	57	#			1	50	85	50
277		1				Gilsonite	700	#				40	280	00
284		1				Calsea 1	470	#	5	sk	30	00	150	00
283		1				Salt	500	#				20	100	00
255		1				CFR-1	47	#			4	50	211	50
581		1				SERVICE CHARGE								
583		1												
							CUBIC FEET		225 sk		1	90	427	50
							TON MILES		471.64		1	75	825	37

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MILEAGE CHARGE TOTAL WEIGHT 23,582 LOADED MILES 40

CONTINUATION TOTAL 5,292 37

JOB LOG

SWIFT Services, Inc.

DATE 8-22-08 PAGE NO. 1

CUSTOMER Larson Operating WELL NO. 1-4 LEASE Phyllis A JOB TYPE Long String TICKET NO. 13799

CHART NO.	TIME	RATE (BPM)	VOLUME (BBD) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0100							On loc. Rig running 5 1/2" 15.5# Csg. Ser @ 4666 Latched down Baffle 4630' Port collar @ 2121' Csg. on Bottom Drop Ball
	0235							Circulate + Rotate
	0340		12					Plug Rate hole 15sk
			20					Pump 500gal mud Flush 20" 2% HCL water
	0348							Mix 110sk SMD 12.5 #/gal Mix 100sk EA-2 15.4 #/gal
			66					Finish mixing wash out Pump & Line
	0408							Start Displ.
	0430		110			1500		Plug down 1500psi holding Release press. Float held wash and Rack up truck
	0500							Job Complete

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[Handwritten Signature]

[Handwritten Signature]
Rogers, Brent, David R.



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

TICKET No 14560

PAGE 1 OF 1

SERVICE LOCATIONS 1. Ness City, Ks	WELL/PROJECT NO. 1-4	LEASE PHYLLIS "A"	COUNTY/PARISH LANE	STATE Ks	CITY	DATE 7-10-08	OWNER SAME
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR EXPRESS WELL SERVICE	RIG NAME/NO.	SHIPPED VIA CT	DELIVERED TO LOCATION	ORDER NO.	
3.	WELL TYPE OIL	WELL CATEGORY DEVELOPMENT	JOB PURPOSE CEMENT PORT COLLAR	WELL PERMIT NO.	WELL LOCATION SW/DEIGHTON, 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	40				6.00	240.00
578		1			PUMP SERVICE	1	2123	FT		1400.00	1400.00
330		1			SWIFT MULTI-DEGREE STANDARD	200		SKS		15.50	3100.00
276		1			FLOPPY	56		IRS		1.50	84.00
290		1			D-ADR	2		GAL		35.00	70.00
531		1			SERVICE CHARGE CEMENT	225		SKS		1.90	427.50
533		1			DRAYAGE	22326	135	446.52	TR	1.75	781.41

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 WICHITA KS
 OCT 10 2008

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 7. C. Larson
 DATE SIGNED **7-10-08** TIME SIGNED **0830** 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?					
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?	<input type="checkbox"/> YES <input type="checkbox"/> NO				
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	6275.37

SWIFT OPERATOR WAVE WILSON APPROVAL _____

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

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE **7-10-08** PAGE NO. **7**

CUSTOMER **LARSON OPERATING** WELL NO. **1-4** LEASE **PHYLLIS "A"** JOB TYPE **CEMENT PORT COLLAR** TICKET NO. **14560**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBLS/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0830							ON LOCATION
								2 3/8 x 5 1/2 PORT COLLAR - 2123
	0910				✓		1000	PSI TEST CASING - HEAD
	0915	3	2	✓		450		OPEN PORT COLLAR - INT RATE
	0920	4	111	✓		450		MAX CEMENT 200 SKS SMD 1/4" FLOCCLE P/SK
	1000	3 1/2	7 1/2	✓		550		DISPLACE CEMENT
	1010			✓		1000		CLOSE PORT COLLAR - PSI TEST - HEAD
								CALCULATED 20 SKS CEMENT TO PET
	1020	4	25	✓		500		RUN 4 JTS - CALCULATE CLEAN
								WASH TRUCK
	1100							JOB COMPLETE
								THANK YOU WAVE, BRETT, DON

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WICHITA, KS