

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  
Name: LARSON OPERATING COMPANY  
A DIVISION OF 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: ACE DRILL'N INC  
License: 33006

Wellsite Geologist: ROBERT LEWELLYN

Designate Type of Completion:  
 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. \_\_\_\_\_

7/20/2005 7/31/2005 8/31/2005  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 101-21886-0000

County: LANE

APPR E2 NE Sec. 5 Twp. 17 S. R. 27  East  West

1328 feet from NORTH Line of Section

515 feet from EAST Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: JOHNSON Well #: 1-5

Field Name: PENDENNIS SW

Producing Formation: LANSING- KANSAS CITY

Elevation: Ground: 2694' Kelly Bushing: 2697'

Total Depth: 4606' Plug Back Total Depth: 4494'

Amount of Surface Pipe Set and Cemented at 251 Feet

Multiple State Cementing Collar Used?  Yes  No

If yes, show depth set 2080 Feet

If Alternate II completion, cement circulated from 2080

feet depth to SURFACE w/ 170 sx cmt.

Drilling Fluid Management Plan *AH II ncr 9-4-08*  
(Data must be collected from the Reserve Pit)

Chloride content 17000 ppm Fluid volume 620 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 Lu

Title: SECRETARY/TREASURER Date: 11/9/2005

Subscribed and sworn to before me this 9th day of NOVEMBER

2005.

Notary Public: Debra J. Ludwig

Date Commission Expires: 5/5/2008

KCC Office Use ONLY

NO Letter of Confidentiality Attached

If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

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

Operator Name: LARSON OPERATING COMPANY  
A DIVISION OF LARSON ENGINEERING, INC. Lease Name: JOHNSON Well #: 1-5  
 Sec. 5 Twp. 17 S. R. 27  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 type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Sample Sent to Geological Survey	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	ANHYDRITE	2106	+591
Electric Log Run (Submit Copy)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	HEEBNER	3924	-1227
List All E. Logs Run:	DUAL INDUCTION		TORONTO	3945	-1248
	DUAL COMPENSATED POROSITY		LANSING	3964	-1267
	BOREHOLE COMPENSATED SONIC		MUNCIE CREEK	4123	-1426
	MICRORESISTIVITY		STARK SHALE	4221	-1524
			BASE KANSAS CITY	4291	-1594
			ALTAMONT	4334	-1637
			PAWNEE	4421	-1724
			FORT SCOTT	4472	-1775
			CHEROKEE	4495	-1798
			MISSISSIPPIAN	4577	-1880

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"	28#	251'	CLASS A	175	2% GEL, 3% CC
PRODUCTION	7-7/8"	5-1/2"	15.5#	4603'	SMD	125	1/4#/SK FLOCELE
					EA-2	125	5% CALSEAL, 5#/SK GILSONITE, 1/2% HALAD

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	SURF	2080	SMD	170	1/4#/SK FLOCELE
<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
		Amount	Kind	
4	4488-92' 4370-72'	SEE ATTACHED PAGE		
4	4306-08', 4197-4201'			
4	4136-39', 4046-49'			
4	4197-4200', 4046-49', 3970-72'			

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8"	4479.51		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.		Producing Method			
9/1/05		<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
	55	0	90	0	37

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

Production Interval: 3970-4492' OA

LARSON OPERATING COMPANY

Operator Name: A DIVISION OF LARSON ENGINEERING, INC.

Lease Name: JOHNSON

Well #: 1-5

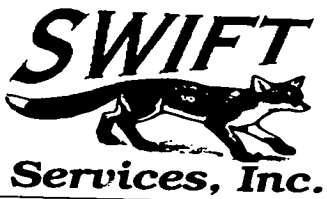
Sec. 5 Twp. 17 S. R. 27  East  West

County: LANE

Acid, Fracture, Shot, Cement, Squeeze Record (Amount and Kind of Material Used)	Depth
500 GAL 15% MCA	4488-92'
1000 GAL 15% NE/MCA	4488-92'
500 GAL 15% MCA	4370-72'
500 GAL 15% MCA	4306-08'
500 GAL 15% MCA	4197-4201'
SQZ: 100 SX CLASS A	4197-4201'
500 GAL 15% MCA	4136-39'
250 GAL 15% MCA & 750 GAL 15% NEFE	4136-39'
500 GAL 15% MCA	4046-49'
1000 GAL 15% NEFE	4046-49'
SQZ: 50 SX CLASS A	4046-49'
500 GAL 15% MCA	4046-49'
500 GAL 15% MCA	3970-72'
SQZ: 50 SX CLASS A	3970-72'

RECEIVED  
KANSAS CORPORATION COMMISSION  
NOV 14 2005  
CONSERVATION DIVISION  
WICHITA, KS





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

TICKET  
 No 8868

PAGE 1 OF 2

SERVICE LOCATIONS  
 1. **NESS COMPS**  
 WELL/PROJECT NO. **1-5** LEASE **JOHNSON** COUNTY/PARISH **LANE** STATE **KS** CITY DATE **7-31-05** OWNER **SAME**  
 2. TICKET TYPE  SERVICE CONTRACTOR **ACE NALG** RIG NAME/NO. **LOCATION** ORDER NO.  
 SALES  
 3. WELL TYPE **OIL** WELL CATEGORY **DEVELOPMENT** JOB PURPOSE **5 1/2" LONGSTRAW** DELIVERED TO **LOCATION** ORDER NO.  
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS **PRJWJWS, K - 3/4 E, 2 1/4 S, WS**

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #104	40	ME			4.00	160.00
578		1			PUMP SERVICE	1	JOB	4603	FT	1250.00	1250.00
221		1			LITQUID KCL	2	Gal			25.00	50.00
281		1			MUD FLUSH	500	Gal			.75	375.00
419		1			ROTATING HEAD RENTAL	1	JOB			200.00	200.00
RECEIVED KANSAS CORPORATION COMMISSION NOV 14 2005 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 **T.C. Larson**  
 DATE SIGNED **7-31-05** TIME SIGNED **1600**  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	2035.00
WE UNDERSTOOD AND MET YOUR NEEDS?				#2	4036.25
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				subtotal	6071.25
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX	204.83
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	6276.08

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

SWIFT OPERATOR **WAVE WILSON** APPROVAL

**Thank You!**



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

TICKET CONTINUATION

TICKET No. 8868

CUSTOMER: LADSON OPERATING  
WELL: JOHNSON 1-5  
DATE: 7-31-05  
PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		LWM		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF									
325		1				STANDARD CEMENT	125				8.25	1031.25	
330		1				SWIFT MULTIGR-DESIGN STAMPED	125				10.50	1312.50	
276		1				FLOCELF	31				1.00	31.00	
277		1				GELSWITE	625				.40	250.00	
283		1				SALT	650				.17	110.50	
284		1				CALSEAL	600		6		30.00	180.00	
286		1				HALAB-1	59				5.50	324.50	
581		1				SERVICE CHARGE							
583		1				MILEAGE CHARGE							
							TOTAL WEIGHT	26075					
							LOADED MILES	40					
							CUBIC FEET	250				1.10	275.00
							TON MILES	521.5				1.00	521.50

RECEIVED  
KANSAS CORPORATION COMMISSION  
NOV 14 2005  
CONSERVATION DIVISION  
WICHITA, KS

CONTINUATION TOTAL 4036.25

**JOB LOG**

**SWIFT Services, Inc.**

DATE 7-31-05 PAGE NO. 7

CUSTOMER Wesco OPERATING WELL NO. 1-5 LEASE JOHNSON JOB TYPE 5 1/2" LONGSTRAW TICKET NO. 8868

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1600							ON LOCATION
								TD-4606 SET = 4603
								TP-4609 5 1/2" #/FT 15.5
								SS-41'
								PORT COLLAR = 2080' TOP JT #
	1905							CALCULATE WELL - DROP BALL ROTATE
	2025	6	12		✓		450	PUMP 500 GAL MUDFLUSH "
	2027	6	20		✓		450	PUMP 20 BBLs KCL-FLUSH "
	2035		4					PLUG RH
	2040	5	52		✓			MAX COMPT - 125 SMD e 12.2 PP6 "
			30		✓			125 EA2 + 15.4 PP6 "
	2103							WASH OUT PUMP - LOKS - UNLOAD JT - TWIST OFF
								- CALL FOR CUG SPACER
								RELEASE PLUG - LEAVE CASING W/ BEM
								- DROP OUT CMT.
			0		✓			DISPLACE PLUG "
			98					SHOT OFF ROTATE
			108.7				1750	PLUG DOWN - PSEUP WATCH 2J PLUG
								OK RELEASE PSI - HEAD
								WASH UP
	2330							JOB COMPLETE
								THANK YOU
								WAKK, RUSTY, ROB



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

TICKET  
 No 8884

PAGE 1 OF 1

1. SERVICE LOCATIONS <u>NESS CITY, KS</u>	WELL/PROJECT NO. <u>1-5</u>	LEASE <u>JOHNSON</u>	COUNTY/PARISH <u>WJE</u>	STATE <u>KS</u>	CITY	DATE <u>8-10-05</u>	OWNER <u>SAME</u>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>WILD WEST WELL SERVICE</u>	RIG NAME/NO.	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>LOCATION</u>	ORDER NO.	
3.	WELL TYPE <u>OIL</u>	WELL CATEGORY <u>DEVELOPMENT</u>	JOB PURPOSE <u>CRACK POST COLLAR</u>	WELL PERMIT NO.	WELL LOCATION <u>POWELL # 3/4E, 2 1/4S, WS</u>		
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	MI			4.00	160.00
577		1			PUMP SERVICE	1	JOB			800.00	800.00
330		1			SWIFT MULTI-DEGREE STANDARD	170	SKS			11.00	1870.00
276		1			FLOCIE	59	UBS			1.10	64.90
581		1			SERVICE CHARGE CRACK	235	SKS			1.10	258.50
583		1			DRAYAGE	23269	UBS	465.38	M	1.00	465.38
RECEIVED KANSAS CORPORATION COMMISSION NOV 14 2005 CONSERVATION DIVISION WICHITA, KS											

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

X T.C. Wilson  
 DATE SIGNED 8-10-05 TIME SIGNED 1330  
 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?				3618	78
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Lane TAX 5.3%	102 55
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	3721 33
<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  
Wayne Wilson

APPROVAL

Thank You!



**JOB LOG**

**SWIFT Services, Inc.**

DATE 8-10-05 PAGE NO. 1

CUSTOMER **LARSON OPERATING** WELL NO. **1-5** LEASE **JOHNSON** JOB TYPE **CEMENT PORT COLLAR** TICKET NO. **8384**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1300							ON LOCATION
								2 3/8 x 5 1/2 PORT COLLAR @ 2080'
								RECEIVED KANSAS CORPORATION COMMISSION NOV 14 2005 CONSERVATION DIVISION WICHITA KS
	1330				✓		1000	PSE TEST - HEAD
	1440	2 1/2	3	✓		150		OPEN PORT COLLAR - 2 1/2 RATE
	1445	4	94	✓		350		MIX CEMENT 170 SKS SUD
	1510	4	7	✓		500		DISPARE CEMENT
	1515			✓			1000	CLOSE PORT COLLAR - PSE TEST - HEAD
								CIRCULATE 10 SKS CEMENT TO POT
	1530	3	20	✓			500	RUN 4 JTS CIRCULATE CLEAN
								WASH UP
	1630							JOB COMPLETE
								THANK YOU WAVE DUST, SHADE