KANSAS CORPORATION COMMISSION RIGINAL

OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM WELL HISTORY – DESCRIPTION OF WELL & LEASE

Form ACO-1 September 1999 Form Must Be Typed

10/22/10

Onewstern Lineans # 1	0040	ADI No. 15 101 20100 00 00
Operator: License #		API No. 15 - 101-22109-00-00
	LARSON ENGINEERING, INC.	County: LANE
	562 WEST STATE ROAD 4	NE SW SW SE Sec. 20 Twp. 18 S. R. 29 ☐ East ☑ West
	OLMITZ, KS 67564-8561	
Purchaser: NCRA	9 9 2000	feet from EAST Line of Section
Operator Contact Person	TOM LARSON	Footages Calculated from Nearest Outside Section Corner:
Phone:	(620) 653-7368 H.D. DRILLING, LLC	(circle one) NE SE NW SW
Contractor: Name:	H.D. DRILLING, LLC	Lease Name: PENKA Well #: 1-20
License:	33935	Field Name: WILDCAT
Wellsite Geologist:	THOMAS J FUNK	Producing Formation: MARMATON, CHEROKEE
Designate Type of Comp	eletion:	Elevation: Ground: 2822' Kelly Bushing: 2827'
X New Well	Re-Entry Workover	Total Depth: 4648' Plug Back Total Depth: 4596'
X Oil	SWD SIOW Temp Abd.	Amount of Surface Pipe Set and Cemented at Feet
Gas I		Multiple State Cementing Collar Used? ☑ Yes ☐ No
	Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth set Feet
If Workover/Re-entry: OI		If Alternate II completion, cement circulated from 2132
•	d ven in a de renevel	feet depth to SURFACE w/ 200 sx cmt.
	Original Total Depth:	Drilling Fluid Management Plan AITI MT 1-7-09
		(Data must be collected from the Reserve Pit)
·——	Re-perf Conv. to Enhr./SWD	Chloride content 9500 ppm Fluid volume 1050 bbls
	Plug Back Total Depth	
	Docket No.	Dewatering method usedALLOWED TO DRY
Dual Completion		Location of fluid disposal if hauled offsite:
Other (SWD or E	nhr.?) Docket No.	Operator Name:
		Lease Name: License No.:
6/25/2008	7/4/2008 7/22/2008 Date Reached TD Completion Date or	Quarter Sec Twp S. R 🗆 East 🗆 West
Spud Date or Recompletion Date	Recompletion Date	County: Docket No.:
Kansas 67202, within Information on side two	120 days of the spud date, recompletion, workove of this form will be held confidential for a period of percess of 12 months). One copy of all wireline logs	with the Kansas Corporation Commission, 130 South Market-Room 2078, Wichita, er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-3 and geologist well report shall be attached with this form. ALL CEMENTING submit CP-111 form with all temporarily abandoned wells.
All requirements of the herein are complete and	statutes, rules and regulations promulgated to regulat correct to the best of my knowledge.	te the oil and gas industry have been fully complied with and the statements
(0 0	KCC Office Use ONLY
Signature:	rul Za	Letter of Confidentiality Attached
Title: SECRETARY/T	REASURER Date: 10/22/2008	If Denied, Yes Date:
Subscribed and sworn to	·	, Wireline Log Received
20 <u>08</u> .		Geologist Report Received
Notary Public:	beer Shudwig	RECEIVED UIC Distribution KANSAS CORPORATION COMMISSION
Date Commission Expire	OU) (OCT 2 3 2008
Date Commission Expire	53. IVITTI J, 2012	UCI Z 3 Z000

DEBRA J. LUDWIG DEBRA J. LUDWIG

Notary Public - State of Kansas

My Appt. Expires 5/5/20/2

CONSERVATION DIVISION WICHITA, KS

KCC

Operator Name: _	ARSON ENG	INEERIN	G, INC.			Lea	se Name: _	PENK	(A	OCT 22	2008	Well #:	1-20-
Sec. 20 1	Twp18	S. R.	29	_ 🗆 🗆	ast 🛚 West	t Cou	ınty:	LANE	-	ONFID			
NSTRUCTIONS: ool open and close and flow rates if ga Attach final geologi	ed, flowing and s to surface te	l shut-in p st, along v	ressures	s, whether s	shut-in pressu	ure reached s	static level, h	ydrosta	tic pressur	es, bottom ho	le tempe	rature, fluid	recovery,
Drill Stem Tests Ta		⊠	Yes	□ N	lo	⊠ Log	1	Formati	on (Top), [Depth and Dat			☐ Sample
Sample Sent to Ge	ological Surve	y 🖾	Yes		I .	Name ANHYDRI1	ΓE				Top 2170		Datum +657
Cores Taken			Yes	⊠ N	lo	BASE ANH HEEBNER	SH		RECE		2199 3931		+628 -1104
Electric Log Run (Submit Copy) .ist All E. Logs Rur		NDUCTION PO		□ N	lo	LANSING STARK SH PAWNEE FORT SCO CHEROKE MISSISSIF	I OTT :E SH	(OCT 23	ON DIVISION	ON3975 4249 4442 4492 4516 4586		-1148 -1422 -1615 -1665 -1689 -1759
	WIIOTIC	RESISTI	CA	SING REC		New	☐ Use						
			Report a	III strings se	et - conducto			producti		T		- 	
Purpose of string	Size Hole Drilled				Setting Depth		Type of Cement		# Sacks Used	Т	Type and Percent Additiv		
SURFACE	12-1/4"	8-5/	8"	23#	247'	CLASS A			175	2% GEL, 3%	2% GEL, 3% CC		
PRODUCTION	RODUCTION 7-7/8" 5-1/2"			15.5#	4643'	SMD 125 1/4#/SK FLOCELE 7#/SK GILSONITE, 1/8			1/8#/SK FLO	CELE,			
						EA-2	100115575	75000	100	3/4% CFR		-	
				AL	DITIONAL C	EMENTING/	SQUEEZE	TECOR		I			
Ourpose:		Top	epth Bottom		Type of Cement			# Sa	# Sacks Used Type and Percent Additive			tives	
Perforate Protect Ca Plug Back Plug Off Zo	TD	SURF	2132	SMD					200	1/4#/SK FLC	OCELE		
Shots per Foot	PERF	ORATION	N RECO	RD – Bridg Each Interv	e Plugs Set/ al Perforated	Гуре І	(Am			re, Shot, Ceme Material Used)			Depth
4	4562-66						250 GAL 1	5% MC	A		4562-66		
4	4395-4400						250 GAL 1	5% MC	A			4395-4400	
4	4367-70						250 GAL 1	5% MC	MCA			4367-70	
TUBING RECORE			3/8"	Set At	30'	acker At	Liner Run		Yes	⊠ No			
Date of First, Resu		on, SWD	or Enhr.	Produ	cing Method		Flowing	⋈	Pumping	∏ Gas	Lift	☐ Other	(Explain)
Estimated Product Per 24 Hours	7/22/08 ion	Oil	Bbls.	Ga	s Mo	 -				as-Oil Ratio			ravity
Discoulities of O		52				METHOD (OF COMPLE	TION	· · ·			Pr	oduction Inter
Disposition of Gas	Sold	☐ Us	ed on Le	ease	☐ Ope		⊠ Perf.		ually Com	ıp. 🗆 Co	ommingle	ed43	367 - 4566 OA
☐ Vented L If vented, sub		_ ∪	JG 011 E		•	er (Specify)					<u></u>		

ALLIED CEMENTING CO., LLC. 33076

REMIT TO P.O. F. RUSS		NSAS 676	665	SERVICE POINT:							
						Tuest	my -				
DATE 6.25.08	SEC.	TWP. /8	RANGE 29	CALLED OUT 2:00 PM	ON LOCATION 7:00 PM	JOB START 8:607M	JOB FINISH 9:00PM				
LEASEPenka	WELL#	1.20	LOCATION Practice	m3w25/1	N ment	COUNTY	Hansas_				
OLD OR NEW (Ci	rcle one)		tank haft	2 cattle guards		,	(
		2:11	, which is a second sec	-		, ,					
CONTRACTOR	Y-D S	Bullu	ng	OWNER Za	roon Engil	neering	Inc.				
TYPE OF JOB	Systace		<u> </u>		2	2					
HOLE SIZE /2 CASING SIZE 8	36 Alas	122#DE	<u> </u>	CEMENT	DERED <u>/75</u>						
TUBING SIZE	10 NE		PTH	$\frac{1}{2}$		ox com	mon				
DRILL PIPE			PTH		O / B O E C.						
TOOL		DE	PTH			_					
PRES. MAX	····		NIMUM	COMMON	175 m/	_@_ <i>12,30</i>	2152.50				
MEAS. LINE	I CCC A		OE JOINT	POZMIX		@					
CEMENT LEFT IN PERFS.	V CSG.	5		GEL	304	_@ <u>_18.40</u>					
DISPLACEMENT	140	7 BB/ <	420	CHLORIDE _ ASC	SA4	_@ <u>_</u> >/_ 2 <i>D</i> _@	257.50				
		UIPMENT		- KEC	RATION COMMISSION	- @	200				
ME	EQ			,		_@					
PUMP TRUCK	CEMENT	res C	Propilina	<u>OCT</u>	2 3 2008	_ @ _ OCT 2	2 2008				
_	HELPER	///	Tue Tue las	CONSERV	ATION DIVISION	· · CONE					
BULK TRUCK			and the second		CHITA, KS	_ @	### Care 9 10 0 mm				
# 3 42	DRIVER	Alvin	Rodarmel			_ @ @					
BULK TRUCK			.,			_ @ _ @					
#	DRIVER			- HANDLING_	183 p. 4	@ Z. ID	3843				
				MILEAGE	188 ALD	9 36	592.92				
	RE	MARKS:	<i>:</i>		4.4	TOTAL	3442.4				
Bottom By hole Hook	pak ci up to j	inculations to	in circulate k & mixed c 2% Gel	DEPTH OF JO PUMP TRUCK	SERVIO B <u>250</u> C CHARGE		900,00				
Displace p	ith 1	4.9 BB	s fresh HZD.	EXTRA FOOT		@	100000				
Cement	did ci	rculate	to our face.	MILEAGE	36	@ 7.00	25200				
Shuting	0 8/8	swedge	2	— MANIFOLD _		_ @	****				
						_@	•				
	_	C .		The second of th		_ @					
CHARGE TO:	awon	Engin	earing Inc.			TOTAL	1152.00				
STREET 562	West	State	Rd 4			IOIAL	113010				
CITY Of mits	5 S	TATE Ha	1000 ZIP 6756	54							
	<i>-</i>				PLUG & FLOAT	EQUIPMEN	IT				
				 	· · · · · · · · · · · · · · · · · · ·	@					
						_ @					
To Allied Cemen	ting Co.,	LLC.				_ @					
	•		menting equipment	t ———	· · · · · · · · · · · · · · · · · · ·	_ @ _*					
			to assist owner or			_ @					
			he above work wa			mom . r					
			of owner agent or			TOTAL					
			and the "GENERA	CATEGORATE (If Any)						
1 EKMS AND CO)ITIUNC	JNS" liste	d on the reverse sid	10.	•		· ·				
	7)	TOTAL CHAR	RGES						
PRINTED NAME	X	ous P	10Derts	DISCOUNT _	·	IF PAI	D IN 30 DAYS				
	/, \		1		,						
SIGNATURE X	X De	y Ke	helt	_ =11.16.	INI (
	4	V	1	- Julyan	,						



SWIFT OPERATOR WAWE WILSON

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

	T	IC	K	ET
--	---	----	---	----

Νº	1	4	5	5	3	
	PAGE				OF	•

Thank You!

SERVICE LOCATIONS 1. NESS CXV. K		LL/PROJECT NO.		LEA		PENER		COUNTY/PARISH WE	STATE	CITY			· · ·	DATE	7-4-08	OWN	R SAME	0
<u>2.</u> <u>3.</u>	7	KET TYPE CONT SERVICE SALES LL TYPE		1-9 VB		AK 1 EGORY	JOB PUF	RIG NAME/NO.	SHIPPEI VIA CT	DELIVERED 1	CATEO	لہ			ER NO.			
4. REFERRAL LOCATION		OTL OICE INSTRUCTION	NS	1		Transal		51/2" LONGSTRING		WELL FERMI	· NO.		-			<u> 5w</u>	25,1E,1x	<u>1, w</u>
PRICE REFERENCE	SECONDARY REI PART NUM	· ·	LOC	ACCT	DF			DESCRIPTION		QTY.	U/M	QTY	r.	U/M	UNIT PRICE		AMOUNT	
১७১			1			MILEAGE # 10	+		•,•	40	M		[Ь	00	240	00
_ ১৭৪			1			RIMP SERI	IRE.			\	JOB	46	431	G	1400	00	1400	00
221			1			LIQUED KC	L			2	أهمر		<u>i</u>		26	00	< ১	00
281						MUDFLUSH	<u> </u>			₹00	S. GAL					00		100
419			1			ROTATING	dash	RESTAL		1	120B				250	00		00
		D-		-	2		·			-	<u> </u>							·
		RECEIVED PRPORATION CO	121 a l		,						i						- <u></u>	
	OC:	T 2 3 2008	****104	ION				第75%			 							
	CONSER	21/AT					·]		Ì				<i>n</i>	
	W	ICHITA, KS	٧		į						1							
								200			ĺ		i					Ţ <u> </u>
LEGAL TERMS: the terms and con-	9	_		•		REMIT	PAY	MENT TO:	OUR EQUIPME	JRVEY NT PERFORME		REE DI	UN- ECIDED	DIS- AGREE	PAGE TOT	AL	- 4126-	
but are not limited	i to, PAYMENT , F	RELEASE, IN							WE UNDERSTO MET YOUR NE	OOD AND EDS?						•	2442	100
MUST BE SIGNED BY CU	•		R TO		4	SWIFT	SER'	VICES, INC.	OUR SERVICE PERFORMED	WAS WITHOUT DELAY					1	# 2	<u> </u>	
START OF WORK OR DE		E. O NOEITI I NO				P.0	O. B0	OX 466	WE OPERATE AND PERFORI	THE EQUIPME MED JOB IS	NT			-	SU Sto-	c.t	7837	50
x	C. Jan	0	<u>ر</u>			NESS	CITY	, KS 67560	SATISFACTOR		ì	`E2		L		.3%	262	101
DATE SIGNED		SIGNED 1130		A.M.				8-2300		YES		□ NC			TOTAL		8099	57

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

APPROVAL



PO Box 466 Ness City, KS 67560

TICKET CONTINUATION

TICKET No. 14553

<u>5395,56</u>

Service	o, Inc.	Off: 785-798-		CUSTOMER LARSON OPERATING	WELL RYCH	D	DATE 7-4-08	PAGE OF
PRICE REFERENCE	SECONDÁRY REFERENCE PART NUMBER	E/ MACCOUNTED	TING TIME	DESCRIPTION			ÜNT	AMOUNT
32 <i>S</i>		j		STANDARD COYENT EA-2	OO SKS	QTY: U/M	12,75	Ī
330				SWETT MULTE-DIVISITY STANGED	125 SKS		15/15	1275 ∞ 1937 50
276				FLOCEIS.	36 US		13/30	•
<u> </u>		1		GILSONOTE	750, 485	- i -		84100
283				SALT	30 USS	- 	120	300 00
284		1		CASIAL	5 248	Sooles	30,00	100100
১ 8১		1		CFR-1	50,085	200103		150 00
١٩٥	· ·	1		D-AN	216AL	- + -	450	225 00
				2 705	A GAL		35/00	<u> 70100</u>
					 	<u> </u>	 	- i -
						- i -		
						1		
					† • • • • • • • • • • • • • • • • • • •			
								<u> </u>
					1	<u> </u>		
			_		 	- 	 	
	RECEIVE KANSAS CORPORATION	D					 	
						 	 	i
	OCT 232	008	- - 	V				
	CONSERVATION D	VISION	- - 					
	WICHITA, KS		- - 			-	 	
ا8ک		- , -		SERVICE CHARGE	CUBIC FEET			
<u>583</u>		i	- - 	MILEAGE TOTAL WEIGHT LOADED MILES CHARGE 23616	TON MILES	125	1 90	<u> </u>
		<u></u>		LHANGEN ASOID YU		172.32	1 175	876126
						CONTIN	IUATIONTOTAL	5395.5b

SWIFT Services, Inc. DATE 7-4-08 **JOB LOG** CUSTOMER WELL NO. JOB TYPE 5/12 LONGSTRENG TICKET NO. LARSON OPERATENG 1-20 PENKA 14553 PRESSURE (PSI) PUMPS VOLUME (BBL) (GAL) TIME **DESCRIPTION OF OPERATION AND MATERIALS** NO. С TUBING CASING 1130 ON LOCATOON 70 - 4648 KCC TP- 4645 OCT 2 2 2008 55- 42,30 SET e 4643 COMFINENTIAL 5/2# 15,5 PORTCOLLAR = 2138 1045 DROP BALL - CXCULATE ROTATE 12 1205 PUMP SOO GAC MUDERUSH 1207 20 500 | PUMP 20 BBLS - KCL FLUSH u 41/2 1212 PLUG RH 51/2 400 MX CSMRJ - W-125 SID SMB 1215 84 11 41/2 14 250 TZ- 100 SKJ EA-2 12.33 WASH OUT PUMB. LEVEL 1234 RELEASE LATCH DOWN PING 1235 O DESPLACE PLUG 11 99 850 SHUT OFF ROTATE 6% 109.6 1500 PWG DOWN - PSE UP WATCH IN PWG 1250 1252 RELEASE PST- HELD RECEIVED KANSAS CORPORATION COMMISSION WASH TRUCK OCT 23 2008 CONSERVATION DIVISION WICHITA, KS 1400 JOB COMPLETE THANK YOU WAWE BRETT, JEFF



CHARGE TO:	
ADDRESS	
CITY, STATE, ZIP CODE	

Nº 14099

PAGE	0,	OF		
1		,)	
 T	WNER			

	3, 1,10.					1	1
SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	СПУ	DATE OWNER	
1. HAYS	/-2 ⁰	YENUA	LANE	Vs		07-10-08	
2. NES	TICKET TYPE CONTRACTO	R	RIG NAME/NO.		DELIVERED TO	ORDER NO.	
1	SERVICE SALES		Explessible	CT.	Swids, le, la, Wins DI	GNION	
J.	WELL TYPE	WELL CATEGORY	JOB PURPOSE		WELL PERMIT NO.	WELL LOCATION	
4.	<u> </u>	Devenso	CMT: PORT COLLA				
REFERRAL LOCATION	INVOICE INSTRUCTIONS	<i>J</i>					

PRICE REFERENCE	SECONDARY REFERENCE/	ACCOUNTING			DESCRIPTION					UNIT			
REFERENCE	PART NUMBER		OC ACCT D		DESCRIPTION		U/M	QTY.	U/M	PRICE		AMOUNT	
<u>575</u>		1			MILEAGE # //O	40	m		<u> </u>	6	1001	240	ν V
578		1			PumpSelvice	1	EA			1400	1		
290		1			DAIR	1	KAL		İ	35		35	bu
<u> </u>		2			SmO Cm7	એળ	154			15	ì		100
276		2		ļ	FLOCELE	56	LB				150	. 0	100
<u>581</u> 583		· a		ļ	SERVICE CHG CM7	225	54				જ્રિ	427	50
583		2			DRAYE 446,52	a de la composição de l	17/2			1	75	781	14/
	KANGAS RECEIVED												
	CORPORATION CON	Miss	ION						1				i -
	OCT 2 3 2008												
	CONSERVATION DIVISIO	AL											
	WICHITA, KS								 				Ť
I ECAL TEDMO	Customer hereby poknowledge				CIID	VEV	146	DEE UN-	DIS-	1			+-

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						
DATE	IGNED	TIME SIGNE				

□ A.M. **>=** P.M. 1430

REMIT PAYMENT TO:

SWIFT SERVICES, INC. P.O. BOX 466 NESS CITY, KS 67560 785-798-2300

			I		•	
SURVEY	AGREE	UN- DECIDED	DIS- AGREE		6067	19/
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				PAGE TOTAL	42	<i>'/</i>
WE UNDERSTOOD AND MET YOUR NEEDS?						İ
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					_	
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	. !			Lane TAX 7	170	61
ARE YOU SATISFIED WITH OUR		NO NO				İ
CUSTOMER DID NO	T WISH TO	TOTAL	6238	150		

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

Thank You!

SWIFT Services, Inc. DATE D7-10-08 PAGE NO. **JOB LOG** CUSTOMER LARSON LEASE PENHA WELL NO. PUMPS PRESSURE (PSI) YOLUME (BBL) (BAL) CHART TIME DESCRIPTION OF OPERATION AND MATERIALS T C DNWCATION, DISCUSS JOB, SITUP 1430 CMT: SMO 29/8×5/2 PORT COLLAR @ 2132 PSI TEST 1445 1000 1000 CONFIDENTIAL INJRAK 1450 30 4.0 200 0 START CMY 200 30 STACT TO CIRC MUD CIRC CMT TO PIT MIX 20545 @ 14# 105 110 ENO CMT Disp Clase PC CMT 200 SKS ८५३० 3.5 75 ওজ 20 sus 70 p.71 PS17857 1535 1000 1000 RUN 4 JOMES Revision 1545 35 1st FeAg 11.0 ALCLEAN 202 JUB COMPLETE DAVE, JOSHB, DONG RECEIVED
KANSAS CORPORATION COMMISSION OCT 2 3 2008

CONSERVATION DIVISION WICHITA, KS