

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

12/07/11

Form ACO-1 October 2008 orm Must Be Typed

CONFIDENTIAL WELL COMPLETION FORM WELL COMPLETION OF WELL & LEASE

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OPERATOR: License # 3842	API No. 15 - 101-22183-00-00
Name: LARSON ENGINEERING, INC.	Spot Description:
Address 1: 562 WEST STATE ROAD 4	NW - SW - NE - NE Sec. 10 Twp. 18 S. R. 30 ☐ East ☑ West
Address 2:	977 feet from NORTH Line of Section
City: OLMITZ State: KS Zip: 67564 + 8561	1204 feet from EAST Line of Section
Contact Person: TOM LARSON	Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 653-7368	⊠ NE □ NW □ SE □ SW
CONTRACTOR: License # 30606	County: LANE
Name: MURFIN DRILLING CO, INC	Lease Name: SHARP SEED Well #: 1-10
Wellsite Geologist: ROBERT STOLZLE	Field Name: WILDCAT
Purchaser: NCRA RECEIVED	Producing Formation: MARMATON, LANSING-KANSAS CITY
Designate Type of Completion:	Elevation: Ground: 2863' Kelly Bushing: 2868'
x New Well Re-Entry Workove PEC 0 9 2009	Total Depth: 4653' Plug Back Total Depth: 4607'
SIGW KCC WICHIT	Multiple State Cementing Collar Used? Yes No
CM (Coal Bed Methane) Temp. Abd.	If yes, show depth set: 2186' Feet
Dry Other Util 3 7 2003 Act	If Alternate II completion, cement circulated from: 2186'
(Core, WSW, Expl., Cathodic, etc.) If Workover/Re-entry: Old Well Info as follows:	feet depth to: SURFACE w/ 180 sx cmt.
Operator:	Drilling Fluid Management Plan AH IIII 1216 09
Well Name:	(Data must be collected from the ReseMe Pit)
Original Comp. Date: Original Total Depth:	Chloride content: 8900 ppm Fluid volume: 480 bbls
Deepening Re-perf Conv. to Enhr./SWD	Dewatering method used: ALLOWED TO DRY
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Docket No	Operator Name:
Dual Completion Docket No.	Lease Name: License No.:
Other (SWD or Enhr.?) Docket No.	Quarter Sec Twp S. R
8/8/2009 8/18/2009 9/3/2009	County: Docket No.:
Spud Date or Date Reached TD Completion Date or Recompletion Date	
INSTRUCTIONS: An original and two copies of this information shall be filed we Kansas 67202, within 120 days of the spud date, recompletion, workover or coon side two of this form will be held confidential for a period of 12 months if rectiality in excess of 12 months). One copy of all wireline logs and geologist we BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form	onversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information quested in writing and submitted with the form (see rule 82-3-107 for confidentil report shall be attached with this form. ALL CEMENTING TICKETS MUST
All requirements of the statutes, rules and regulations promulgated to regulate the are complete and correct to the best of my moviedge.	e oil and gas industry have been fully complied with and the statements herein
	KCC Office Use ONLY
Signature:	Letter of Confidentiality Received
Title: PRESIDENT Date: 12/7/09	(f Denied, Yes □ Date:
Subscribed and sworn to before me this 7TH day of DECEMBER	, Wireline Log Received
20.09.	Geologist Report Received
Notary Public: aral Vy Jars na CAROL S. LAR	
Date Commission Expires: JUNE 25, 2012 My Appt. Expires 6/25/2	

Side Two

operator Name: _	LARSON ENG	INEERING,	INC.		Leas	e Name: _	SHARP SEED		Well #:	1-10
Sec. <u>10</u> Twp.	18 Ş. R.	30	East (⊠ West	Coul	nty:	LANE			
NSTRUCTIONS: ime tool open and	Show import closed, flowing rates if gas to	ant tops and and shut-insurface test	d base on pressi , along t	of formation	her shut-in pr	essure rea	ched static level, hy	drostatic pre	f drill stem tests giving essures, bottom hole t tach copy of all Electr	emperature, fluid
Orill Stem Tests Ta (Attach Addition			Yes	□ N	0	⊠	Log Formation	on (Top), De	pth and Datum	☐ Sample
Samples Sent to G	eological Surv	ey ⊠	Yes	□ N	0	Nan BAS	ne SE ANHYDRITE		Top 2243	Datum +625
ores Taken] Yes	⊠ N	0		BNER SH ISING GROUP		3902 3939	-1034 -1071
ectric Log Run		`⊠	Yes		n		SE KC GP VNEE		4278 4405	-1410 -1535
(Submit Copy)		V 2	103		•	FOF	RT SCOTT		4458	-1590
st All E. Logs Rur		NDUCTION			an off the s	1	EROKEE SH SISSIPPIAN	D ~	4479 4547	-1611 -1679
	MICRO	RESISTIVI	LA D	EC 0%	£003			KE	CEIVED	
				11/11/2	7			DEC	0 9 2009	
		Repor	t all stric	CASI	NG RECORD	⊠ l face, interr	New 🛭 Used mediate, production	KCC V	VICHITA	
Purpose of string	Size Hole Drilled	Size Cas Set (in O.	ing	Weight Lbs./Ft.	Setting Depth		Type of Cement	# Sacks Used	· •	cent Additives
JRFACE	12-1/4"	8-5/8*		20#	258'	CLASS A		175	2% GEL, 3% CC	
RODUCTION	7-7/8"	5-1/2"		15.5#	4652'	SMD		35	1/4#/SK FLOCELE	
						EA-2		100	7-1/2#/SK GILSONI	TE, 1/2% CFR
	····			ADDIT	ONAL CEME	NTING/SC	UEEZE RECORD	, , ,		
urpose:	1	Depth Top Botto	m		Тур	of Cemer	t	# Sacks Used	Type and Per	cent Additives
Perforate Protect Cas Plug Back	sing	JRF	4607'	SMD				1/4#/SK FLOCELE		
Plug Off Zo	ne							<u> </u>		
Shots per Foot					Plugs Set/T	ype			hot, Cement, Squeez Material Used)	
4	4441-43, 4416						250 GAL 15% M		naterial Oscoj	Depth 4441-43
	· · · · · · · · · · · · · · · · · · ·	· ·					250 GAL 15% M	CA	**** **** ******	4410-12
		, <u>.</u>					250 GAL 15% M	CA		4163-68
		,							-	
JBING RECORD		2-3/8*	Set At	: 4602'	Packer At:		Liner Run:	☐ Yes	⊠ No	
ate of First, Resu	med Productio	on, SWD or	Enhr.	Produc	ing Method:	☐ Flowi	ng 🛭 Pumping	; <u></u>	as Lift	(Explain)
stimated Producti	on	Oil 58	Bbls.	Gas	Mcf 0		Water 0	Bbis.	Gas-Oil Ratio	Gravity 34
DISPOS	TION OF GAS	 S:	T		MFTH	OD OF CO	MPLETION:		PRODUCT	ION INTERVAL:
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ALLIED CEMENTING CO., LLC. 036266

REMIT TO P.O. BOX 31

SERVICE POINT: **RUSSELL, KANSAS 67665** Ness City, KS TWP SEC. RANGE CALLED OUT ON LOCATION DATE 8-08-09 30 W COUNTY LOCATION Amy W. to Dooge Nd 1341. OLD OR NEW (Circle one) CONTRACTOR Murfin #24 OWNER TYPE OF JOB Surface HOLE SIZE /2/4 T.D. 258' **CEMENT** CASING SIZE 8 58 AMOUNT ORDERED 1755x Common DEPTH 258' **TUBING SIZE** DEPTH 390 290 Gel DRILL PIPE ' DEPTH 258' TOOL PRES. MAX 200 COMMON 175 @ 13.50 2362.50 <u>MINIMUM</u> MEAS. LINE POZMIX CEMENT LEFT IN CSG. @ 20.25 40.75 GEL CHLORIDE @ 51.50 309.00 15.47 666 Fresh water ___@_ **EQUIPMENT** __@ @ @ CEMENTER _____ NI C **PUMP TRUCK** # 447 HELPER Alvin RECEIVED **BULK TRUCK** #456-198 DRIVER Scott DEC 0 9 2009 **BULK TRUCK** DRIVER HANDENEVICENTA MILEAGE 40 x/84 x.10 **REMARKS:** TOTAL 3.882. 35 On location Safety Meeting Rig up pe en boltom SERVICE Grote circulation with nic Pumped 1755x common 3 % Cc 2 % Gcl DEPTH OF JOB 2581 Shut down released plag. Displaced With 15. 47 bbb Fresh weter PUMP TRUCK CHARGE EXTRA FOOTAGE _____ Coment MILEAGE YO @ 7.00 280.00 hut down shut in MANIFOLD -@____ @ CHARGE TO: _____SCO TOTAL 1271.00 STATE _____ZIP___ PLUG & FLOAT EQUIPMENT 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 TOTAL _66 00 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. SALES TAX (If Any)_ TOTAL CHARGES

DISCOUNT ______ IF PAID IN 30 DAYS



CHARGE TO:	Larson	Ena	neerin	o	
ADDRESS				J	
CITY, STATE.	ZIP CODE				

TICKET

Nº 16982

PAGE		OF	•
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DATE	OWNER		
8-18-09			

Thank You!

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SERVICE LOCATIONS	- L . VC WELL/PROJECT N			COUNTY/PARISH	STATE	CITY			DAT	E	OWNE	R	==
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2.	TICKET TYPE CO	ONTRACTOR	^ -	RIG NAME/NO.	SHIPPE)		ER NO.	-L-		
1	SERVICE SALES	Murtin,	Dolar Co.	29	VIA	Dight	7017						
3.	WELL TYPE	آم ا		JOB PURPOSE	1	WELL PERMIT NO	,			L LOCATION			
4. REFERRAL LOCATION	011		evelopment	Cement Lon	<u>astrina</u>				-10	ighten 8	3W	1/2N	Wisi
REFERRAL LOCATION	INVOICE INSTRUC	TIONS	•		<i>y</i>				,	J	•	,	
PRICE	SECONDARY REFERENCE/	ACCOUNTING							-	UNIT	_		===
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LEGAL TERMS:	Customer hereby acknowled	ges and agrees to	7	1 23 D	SI	JRVEY	AGREE	UN- DECIDED	DIS.		1		
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	USTOMER OR CUSTOMER'S AGENT PR	NOT TO	↓ SWIFT S	SERVICES, INC	OUR SERVICE	WAS VITHOUT DELAY?				Fage	[0	TOVE	الانط
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SWIFT OPERATOR			PROVAL		-y		301111000 I		io Rensi				کب

APPROVAL



PO Box 466 Ness City, KS 67560

TICKET CONTINUATION

No. 14982

CONTINUATION TOTAL

Services, Inc.		85-798-23		_	CUSTOMER Larson Engineering	WELL .			8-18-09	PAGE OF
PRICE SECONDARY REFEREN REFERENCE PART NUMBER		ACCOUNTING ACCT	IG DF	TIME	DESCRIPTION		U/M	QTY, U/M	UNIT PRICE	AMOUNT
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HART	son Eng	RATE	VOLUME		MPS	Sharp PRESSUE		
NO.	TIME	(BPM)	(BBL) (GAL)	T	C	TUBING	CASING	DESCRIPTION OF OPERATION AND MATERIALS
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-	2040				,	Lage project		Plug Mouse hole Start SMD down well/22ppq
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		131.						Wash Punping Lines
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CHARGE TO:	son Engineering	
ADDRESS	7	
CITY, STATE, ZIP CODE		

TICKET

Nº 16138.

OF ·
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SERVICE LOCATIONS 1. Hays ks 2. Nass C. f 3. 4. REFERRAL LOCATION	y Ks,	TICKET DYPE CO SERVICE SALES WELL TYPE	ONTRACTO	W WEL	Sh W LCATE	S GORY JOB PL	COUNTY/PARISH L 41) E RIG NAME/NO. IRPOSE Port Col	V2 #	DELIVERED TO O C O WELL PERMIT	fi.	201	ORI	E -25-0, DER NO.	P OWI	IER Scinn	
PRICE REFERENCE		Y REFERENCE/ NUMBER	LOC	ACCT ACCT	DF		DESCRIPTION		QTY.	U/M	QTY.	U/M	UNIT		AMOUNT	,
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the terms and cond	ditions on the re	everse side hei	eof whic	ch include,	.]	REMIT PA	MENT TO:	OUR EQUIPMEN WITHOUT BREAT WE UNDERSTOR	KDOWN?	AG	REE DECIDE	DIS- D AGREE	PAGE TOT	'AL	4672	ن- د
but are not limited LIMITED WARRA MUST BE SIGNED BY CU	ANTY provisio	ns.		NITY, and		SWIFT SER	VICES, INC	MET YOUR NEEL OUR SERVICE W PERFORMED WI	DS? /AS THOUT DELAY?							!
START OF WORK OR DE	LIVERY OF COODS	OMERS AGENT FI	dok to				OX 466	WE OPERATED AND PERFORME CALCULATIONS SATISFACTORIL	THE EQUIPMENT D JOB Y?				Lane TAX _5.3	%	137	54
DATE SIGNED	29-09	IME SIGNED		P.M.		785-79	, KS 67560 8-2300	_ cu	YES STOMER DID NO	T WISH	□ NO TO RESPOND		TOTAL	i	4810	C+
SWIFT OPERATOR	Mer	h hor	her acc		PROVAL	ERIALS AND SERVICES	The customer hereby	acknowledges receipt of	the materials a	nd servi	ces listed on t	his ticket			Thank?	You!

JOB LO	<u>. </u>		TWELLNA		ices, Inc.	DATES-25-09 PAGE N		
LATSON	Engine	aring.	WELL NO.	1-10		1 <u>11-p</u>	JOB TYPE Port Collar	TICKET NO. 16/38
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T C	PRESSUR TUBING	E (PŠI) CASING	DESCRIPTION OF OPERATION A	
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