KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM WELL HISTORY – DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 3842	API No. 15 - 097-21520-0000
LARSON OPERATING COMPANY	
Name: A DIVISION OF LARSON ENGINEERING, INC.	County: KIOWA
Address: 562 WEST HIGHWAY 4	SW SE Sec. 25 Twp. 30 S. R. 20 East West
City/State/Zip: OLMITZ, KS 67564-8561	660 feet from SOUTH Line of Section
Purchaser: RECEIVED	1980 feet from EAST Line of Section
Operator Contact Person: TOM LARSON Phone: (620) 653-7368 FEB 1 9 2004	Footages Calculated from Nearest Outside Section Corner:
	(circle one) NE SE NW SW
Contractor: Name:DUKE DRILLING CO., INC. KCC WICHITA	Lease Name: LIGGETT Well #:1-25 Field Name: W/C
Wellsite Geologist:JON D. CHRISTENSEN	Producing Formation:
Designate Type of Completion:	Elevation: Ground:2163' Kelly Bushing:2174'
X New Well Re-Entry Workover	Total Depth:5200' Plug Back Total Depth:
Oil SWD SIOW Temp Abd.	Amount of Surface Pipe Set and Cemented at663 Feet
Gas ENHR SIGW	Multiple State Cementing Collar Used?
X Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth set Feet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth to w/ sx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan P+A KJR 6/08
Deepening Re-perf Conv. to Enhr./SWD	(Data must be collected from the Reserve Pit)
Plug Back Plug Back Total Depth	Chloride content31000 ppm Fluid volume 1800 bbls
Commingled Docket No	Dewatering method used ALLOWED TO DRY
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No.	Operator Name:
	Lease Name: License No.:
9/24/2003 10/3/2003	Quarter Sec. Twp. S. R. East West
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this information shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workover Information on side two of this form will be held confidential for a period of 1: 107 for confidentiality in excess of 12 months). One copy of all wireline logs a TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Sub	or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3-130) and geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regulate herein are complete and correct to the best of my knowledge.	the oil and gas industry have been fully complied with and the statements
	KCC Office Use ONLY
Signature: homos farson	Letter of Confidentiality Attached
Title: PRESIDENT Date: 2/14/2004	If Denied, Yes 🗆 Date:
Subscribed and sworn to before me this <u>14TH</u> day of <u>FEBRUARY</u>	, Wireline Log Received
20 <u>04</u> .	Geologist Report Received
Notary Public: arel S. Farson	UIC Distribution
Date Commission Expires: JUNE 25, 2005 A CAROL S. LARS Notary Public - State of K My Appt. Expires 6-25-20	ansas

						Side Two	•					
	ARSON OPEI DIVISION OF		N ENGI	NEERING, II			se Name:	LIGG			Well #:	1-25
Sec. 25	M CLAD		20		ıst 🛛 Wes	st Cou	nty:	KIOV	VA			
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 Take (Attach Additiona		\boxtimes	Yes	□ No		⊠ Log	F	-orma	tion (Top), [Depth and Datum		☐ Sample
Sample Sent to Geol	logical Surve	y 🗵	Yes	☐ No	,	Name HOWARD HEEBNER	CHAI E				p '32 98	Datum -1558 -2024
Cores Taken			Yes	⊠ No	,	BROWN L	MST			43	883	-2209
Electric Log Run (Submit Copy)			Yes	□ No		LANSING ' STARK SH MARMATC	IALE			47	106 709 359	-2232 -2535 -2685
List All E. Logs Run:		NDUCTIC COMP PC		,		ALTAMON PAWNEE CHEROKE MISSISSIF MISSISSIF	E SHALE	ΓE		49 49 50	396 927 971 961 03	-2722 -2753 -2797 -2887 -2929
				SING RECC		New	Use		tion, etc.			
Purpose of string	Size Hole Drilled	Size C Set (in	asing	Weight Lbs./Ft.	Setting Depth		Type of Cement		# Sacks Used	Type a	nd Percent Ac	lditives
COND	30"	20)"	48#	40'	6 YD 10 S	K GROUT					
SURFACE	12-1/4"	8-5	/8"	24#	663'	65-35 POZ CLASS A	7		225 100	6% GEL, 3% CC, 2% GEL, 3% CC,		
	<u> </u>	L		ADI	DITIONAL	CEMENTING/	SQUEEZE F	RECOF	RD OF	4		
Purpose:		De Top	epth Bottom		Туре	of Cement		# S	acks Used	Type a	nd Percent Ac	lditives
Perforate Protect Casin Plug Back TI Plug Off Zon	Ď į				Management and the second							
	DEDE	OPATIO	N PECO	DD Pridge	Dlugo Cot	/Tune	I Total		aid Erectur	o Chat Camant O	D	
Shots per Foot Specify Footage of Each Interval Perforated (Amount and Kind of Material Used)				queeze Recor	Depth							
	Market American American											
		····							· · · · · · · · · · · · · · · · · · ·			
TUBING RECORD		Size		Set At	F	Packer At	Liner Run		7 Vac	□ No		
Date of First, Resum	ned Productio	n, SWD	or Enhr.	Produci	ng Method					□ No		
Estimated Production Per 24 Hours	n	Oil	Bbls.	Gas	M	Icf Wat	Flowing ter Bb	ls.	Pumping G	Gas Lift		er (Explain) Gravity
Disposition of Gas METHOD OF COMPLETION Production Interval												
☐ Vented ☐ If vented, submit	Sold t ACO-18.)	☐ Us	ed on Le	ase	□Ор	en Hole	☐Perf.		Dually Com	p. Commin	igled	

Other (Specify)

ALLIEF CEMENTING CO., INC.

15257

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

	ALLED OUT ON LOCATION JOB START JOB FINISH
15 77	COUNTY STATE
OLD OR NEW (Circle one) line 7W/	N F/inTo
CONTRACTOR DOKC#	OWNER Latson Operating
TYPE OF JOB ROTALY Ploy	
HOLE SIZE 77/8 T.D. /200	CEMENT
CASING SIZE DEPTH	AMOUNT ORDERED 1255x 60:40,6+
TUBING SIZE DEPTH	Yut Flo-Seal
DRILL PIPE 4/7 DEPTH 1200	
TOOL DEPTH	7 A - 1 C2/ 25
PRES. MAX 100957 MINIMUM —	COMMON 75 A @ 7.15 536.25
MEAS. LINE SHOE JOINT CEMENT LEFT IN CSG.	POZMIX 50 @ 3.80 190.00
PERFS.	GEL@/0:00@/0:00
DISPLACEMENT FRESH H204 MON	CHLORIDE @
	@
EQUIPMENT	
PUMPTRUCK CEMENTER David W.	@
#362 HELPER DWayne W.	HANDLING 132 @ 1/15 151,80
BULK TRUCK	MILEAGE 55 X.05 X 1.32 363,00
#363 DRIVER TOUL C. BULK TRUCK	
# DRIVER	RECEIVED TOTAL 1.344.43
- DATI IIA	
	FEB 1 9 2004
REMARKS:	KCC WICHITA SERVICE
13/1/09 1200 F1	KCC ANION
PUMP 99BB/S, WETER MIX 505x	DEPTH OF JOB /200
	PPUMP TRUCK CHARGE 520.00
BBUS MUS 2nd thry 650 FT	EXTRA FOOTAGE @
Polity & 51515, Wate 717865058	MILEAGE 55 @ 3,50 192.50
LOSX OT HOFT Place Rat 155X	PLUG@
Plus Mouse W/185x Wash 12 Ris	
Cown,	7,25
CHARGE TO: Larson OperaTing	TOTAL 7/2.50
CHARGE 10: 2015011 0 P2/61.10	
STREET	FLOAT EQUIPMENT
CITY STATE ZIP	
CITTSTATEZIF	@
	@
To Allied Cementing Co., Inc.	@
You are hereby requested to rent cementing equipment	
and furnish cementer and helper to assist owner or	TOTAL
contractor to do work as is listed. The above work was	
done to satisfaction and supervision of owner agent or	TAY
contractor. I have read & understand the "TERMS AND	TAX
CONDITIONS" listed on the reverse side.	TOTAL CHARGE
	DISCOUNT IF PAID IN 30 DAYS
1 km. 1 1101	1 1 1 0 1 -
SIGNATURE Make Holley	1 Mike Godfrey
ANTER	PRINTEDNAME
ANY APPLI	CABLE TAX

WILL BE CHARGED UPON INVOICING

ALLIED CEMENTING CO., INCRIGIANAZE SERVICE POINT: Med. Lodge, KS

TO P.O. BOX 31 RUSSELL, KANSAS 67665

GEG TWD DANCE CA	LLED OUT ON LOCATION JOB START JOB FINISH
DATE 9-25-03 SEC. TWP. RANGE 20 W CA	D'AM CODAM 103 MAN 11 JAM
^ (\)	er N. To Co. line. Kiowa KS
	nto
CONTRACTOR DUKO#1	OWNER LARSON Operating
TYPE OF JOB Surface	
HOLE SIZE 12.14" T.D. 665	CEMENT
CASING SIZE 85/8 Z4.00 DEPTH (ddo'	AMOUNT ORDERED 225 sx 65:35:6+36cc+
TUBING SIZE DEPTH	14#Flo-Seal \2005x Class A+306cc+26qel
DRILL PIPE 412" DEPTH (db5'	
TOOL DEPTH	7/2 30
PRES. MAX MINIMUM	COMMON Class A 100 sx @ 7.15 715.
MEAS. LINE SHOE JOINT 36, 85	POZMIX@
CEMENT LEFT IN CSG. 36, 85 PERFS.	GEL $4sx$ @ 10.85 40.85 CHLORIDE $14sx$ @ 30.65 400.85
DISPLACEMENT 40 bb tresh	ALW 225 sx. @ 6.70 1,507.50
	flo-Seal 56# @ 1.40 78.40
EQUIPMENT	@
	@
PUMPTRUCK CEMENTER Mike Kucker	@
#352 HELPER Dave telio	HANDLING 536 5X @ 1.15 616.40
# 353 DRIVER Travy Cushenbury	MILEAGE 536 X 55 X . 0 5 1474.00
# 353 DRIVER Travy Cushenbury BULK TRUCK	10=1 20
# DRIVER	RECEIVED TOTAL 4851.30
	PPD 4 0 000L
REMARKS:	FEB 1 9 2004 SERVICE
, 4)	KCC WICHITA
OANPipe on bott om break Circill Start	
Load Cement: 255x 65135:6+30cc.+21/4-Plo-Seal @ 12.5 weight @ 20005: 11 an Start tail Cement	DEPTH OF JOB (dd') PUMP TRUCK CHARGE 520.00
1005x Class A + 3°600+2°69el@15,2 weight@150ps;	EXTRA FOOTAGE 366 @ 150 183.00
115 Stop Rymas Palease Plus Start Niso.	MILEAGE 55 @ 3.50 192.50
@ 10hbl at See Cement 3000si, 1130Am	PLUG Top Rubber Plug @ 100,00 100,00
Bumo Dlug 300-500, 40bbl Disp. Shut-in	@
Circ 20Hbl Comunt 50sx to pit	@
	TOTAL 995,50
CHARGE TO: Larson Operating	
STREET	ELOAT EOLIDMENT
	FLOAT EQUIPMENT
CITYSTATEZIP	0 18 Gemaco
	1-BAFFIE PIATE @ 45.00 45.00
	3-CENTRALIZERS @ 55.00 165.00 1-BASKET @ 180.00 180.00
	@ # 180.00 100.
	@
To Allied Cementing Co., Inc.	- 1.55 C - 1
You are hereby requested to rent cementing equipment	total <u>390.∞</u>
and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was	TOTAL
done to satisfaction and supervision of owner agent or	
contractor. I have read & understand the "TERMS AND	TAX
CONDITIONS" listed on the reverse side.	TOTAL CHARGE
COLIDITION II III ON III IOVOISO SIGO.	·
The state of the s	DISCOUNT IF PAID IN 30 DAYS
SIGNATURE Mile Harry	m la colla
SIGNATURE WILLIAM	NULLINE GOATING
ANY AI	PPLICABLE TAX PRINTED NAME
WILL	BE CHARGED.

UPON INVOICING