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 # 30102	API No. 15 - 207-26859-00-00
Name: C & S Oil	County: Woodson
Address: P.O. Box 41	e/2 _w/2 _ nw Sec. 24 _ Twp. 23 _ S. R. 16 _ 🗸 East _ West
City/State/Zip: Neosho Falls, Ks 66758	4001 feet from S / N (circle one) Line of Section
Purchaser: Plains Marketing	4231 feet from (E)/ W (circle one) Line of Section
Operator Contact Person: Robert Chriestenson / Ron German	Footages Calculated from Nearest Outside Section Corner:
m. 4620 365-0010 or /620\ 363-2865	(circle one) NE (SE) NW SW
Contractor: Name: L & S Well Service LLC RECEIVED	Lease Name: Remlinger Well #: 16 B
License: 33374 APR 1 5 2005	Field Name: Neosho Falls-Leroy
none	Squirrel
Wellsite Geologist: HOTE Designate Type of Completion: KCC WICHITA	Elevation: Ground: 958 Kelly Bushing: none
New Weil Re-Entry Workover	Total Depth: 1037' Plug Back Total Depth: 1030'
✓ Oil SWD Temp. Abd.	Amount of Surface Pipe Set and Cemented at 40 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐Yes ☑No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 1037
Operator:	feet depth to surface w/ 135 sx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Orilling Fluid Management Plan AH II NCR 7-22-08 (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride contentppm Fluid volumebbls
Plug BackPlug Back Total Depth	Dewatering method used_air drilled
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Location of hulo disposal it flauled offsite.
Other (SWD or Enhr.?) Docket No	Operator Name:
1-29-2005 2-2-2005 2-3-2005	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with t Kansas 67202, within 120 days of the spud date, recompletion, workover Information of side two of this form will be held confidential for a period of 12 107 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.	or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regulation are complete and correct to the best of my knowledge.	e the oil and gas industry have been fully complied with and the statements
Signature: Relut amedies	KCC Office Use ONLY
Title: Owner Date: April 4th, e	2005 Letter of Confidentiality Received
Subscribed and swom to before me this 4th day of Opril	If Denied, Yes Date:
20.05	Wireline Log Received
\mathcal{A}	Geologist Report Received
Notary Public: Patricla Ja Schrester	UIC Distribution
Date Commission Expires: <u>Lecimber 3/st, 200</u>	5
A MOTERY PURIL C - State of Kennes	

PATRICIA J. SCHUSTE My Appt. Exp. (2) 1/2

ORIGINAL

Operator Name: C 8	& S Oil			Leas	e Name:	Remlinge	r		Well #: 16	В	
Sec. 24 Twp. 2	²³ S. R. ¹⁶	_ 📝 Eas	t 🗌 West	Count	ty: Woo	ison					
INSTRUCTIONS: S tested, time tool ope temperature, fluid re- Electric Wireline Log	n and closed, flowin covery, and flow rate	g and shu es if gas to	t-in pressures, surface test, a	whether s	shut-in pro	essure read	ched stat	tic level, hydro:	static pressur	es, botto	om hole
Drill Stem Tests Take		Y	es 🗸 No		7 L	og Fo	mation ((Top), Depth ar	nd Datum		Sample
Samples Sent to Geo Cores Taken Electric Log Run (Submit Copy)	ological Survey	□ Y □ Y ☑ Y	es 🗸 No		Nam	ė .			Тор		Datum
List All E. Logs Run:											
Gamma Ray	/ Neutron / CC	CL .									
		Repo	CASING	RECORD	Ne			etc.			
Purpose of String	Size Hole Drilled	Siz	e Casing t (in O.D.)	We	ight / Ft.	Setting Depth	,	Type of Cement	# Sacks Used		and Percent
surface	10"	7"		n/a		40'		ortland	40	none	
production	5 1/2"	2 7/8"		n/a		1030'	di	versified light	135	none	
									:		
		,	ADDITIONAL	CEMENT	ING / SQL	JEEZE REC	ORD				
Purpose: Depth Top Bottom Top Bottom		Туре	Type of Cement #Sacks		s Used			Type and Pe	rcent Additives	•	·····
Plug Back TD Plug Off Zone											
Shots Per Foot			tD - Bridge Plug			Acid		e, Shot, Cement S		d	
,	943' to 962'	Footage of I	Each Interval Per	forated		100 gal.		ot and Kind of Mate	erial Used)		Depth
	040 10 002	40 31100						f frac sand			
							-		R	ECE	IVED
		The state of the s		·····				,	A	PR 1	2005
									KC	CW	CHITA
TUBING RECORD	Size	Šet At		Packer A	At	Liner Run	Y	ės 🗌 No			
Date of First, Resumero 3-10-05	d Production, SWD or E	inhr.	Producing Meth		Flowing	√ P	umping	Gas Lift	Othe	er (Explain).
Estimated Production Per 24 Hours	Oil 1	Bbls.	Gas	Mcf	Wate	r	Bbls.	Ga	s-Oil Ratio		Gravity
Disposition of Gas	METHOD OF C	OMPLETIC	N .	L		Production	Interval	***************************************			
Vented Sold (If vented, Su	Used on Lease bmit ACO-18.)		Open Hole Other (Special	Perf	i. [] C	ually Comp.		Commingled		······································	

L S Well Service, LLC #33374 543-A 22000 Rd. Cherryvale, KS 67335 620-328-4433

DRILLER LOG

Robert Chriestenson C S OIL Remlinger #16B API#207-26859-00-00 SEC. 24, T23, R16E WOODSON CO, KS

0-5	DIRT
5-25'	SANDY CLAY
25-35	RIVER ROCK
35-90	SHALE
90-95	LIME
95-125	SAND
125-165	LIME
165-258 258-275	SHALE LIME
256-275 275-285	
285-305	LIME
305-307	SHALE
307-320	LIME
320-322	SHALE
322-330	LIME
330-365	
365-375	SAND LIME
	SHALE
375-378 378-380	
380-393	LIME SHALE
393-394	
	COAL
394-399	SHALE
399-402	LIME
402-410	SHALE
410-415 415-427	LIME SHALE
427-430	LIME
430-435	SHALE
435-440	LIME
440-443	SHALE
443-470	LIME
470-480	SAND
480-499	LIME
499-503	SHALE
503-526	LIME
526-529	SHALE
529-551	LIME
551-553	SHALE
553-587	LIME
587-591	SHALE
591-594	SANDY SHALE
594-601	SAND
601-606	SANDY SHALE
606-626	SAND
626-631	SANDY SHALE
631-691	SAND
001 001	

691-692

SANDY SHALE

1-29-05 Drilled 10" hole and	ORIGINA set 40
of 7" surface pipe.	
Pumped by Diversified	

2-1-05 Started drilling 5 1/2" hole

2-2-05 Finished drilling to T.D. 1037'

WATER @ 100'

941' OIL ODOR 949' SAND WITH LIGHT OIL 962' SAND WITH HEAVY OIL

RECEIVED

APR 1 5 2005

KCC WICHITA

L Ş Well Service, LLC #33374 543-A 22000 Rd. Cherryvale, KS 67335 620-328-4433

DRILLER LOG

Robert Chriestenson C S OIL

Remlinger #16B API#207-26859-00-00 SEC. 24, T23, R16E WOODSON CO, KS

ORIGINAL

692-694	SHALE
694-711	LIME
711-726	SHALE
726-741	LIME
741-746	SHALE
746-756	LIME
756-757	SHALE BLACK
757-761	LIME
761-772	SAND
772-777	SANDY SHALE
777-791	SAND
791-801	SANDY SHALE
801-806	SAND
806-811	SANDY SHALE
811-815	SHALE
815-816	COAL
816-817	SHALE
	LIME
831-846	SHALE
	LIME
851-866	SHALE
	LIME
	SHALE
	BLACK SHALE
889-902	LIME
902-903	SHALE
903-912	LIME
· · · · · · · · · · · · · · · · · · ·	SAND
	SANDY SHALE
	SHALE
	SANDY SHALE
	SAND WITH LIGHT OIL
962-964	SAND WITH HEAVY OIL
	SAND
	SHALE
	LIME
1012-1037	SHALE

T.D. 1037'

RECEIVED

APR 1 5 2005

KCC WICHITA

L S Well Service, L.L.C.# 33374 543 22000 ROAD CHERRYVALE, KANSAS 67335-8515 620-328-4433 OFFICE TICKET NUMBER 2005 0129 LOCATION Woodson Co FOREMAN BL LC GB

CEMENT	TREATMENT	FREPORT

ORIGINAL

DATE CU	5- 207-26869-00-0 STOMER# WELL NAME	,	Type of Cement
1-29-05	Remlinger 1	6B	Port land
SECTION TO	WNSHIP RANGE CO	DUNTY	Number of Sacks 40
24	23 165	Woodson	
CUSTOMER			
C4:	SOIL		
MAILING ADDRE	SS		
P.O.	Box 41		
CITY Neosho	Falls	Cerus epidele	
STATE KOINS		8	
TIME ARRIVED O	N LOCATION		
	WELL DATA		
HOLE SIZE	10"		TYPE OF TREATMENT
TOTAL DEPTH	401		SURFACE PIPE
			(PRODUCTION CASING
	7"		() SQUEEZE CEMENT
CASING DEPTH	40'		() PLUG AND ABANDON () PLUG BACK
OPEN HOLE			() MISP. PUMP
PACKER DEPTH			() WASH DOWN
WIRE LINE	READING BEFORE		() OTHER
WIRE LINE	READING AFTER		
TREATMENT VIA			
NOTOLIOTIONO D	DIOD TO JOB		
NSTRUCTIONS P	KIOK TO JOB		RECEI
			APR 15
LITUODIZATION	TO ODOCCED		KCC WIC
NUTHORIZATION		TITLE	
Complete of	Section of the sectio	engan seringan p	And the second second
Hooked ont	o 7" washed a	'as down	ale established arraulat
4 bebraic	O sx Port land	drapped Til	har Diza . dis Algand ann
with 11/c	1 Bls Water. Gar	od coment	Yetuyus of Sulver
	PLUG ON BOTTO	M	
	() SHUT IN PRESSU	JRE	
	() SHUT IN PRESSU () LOST CIRCULATI		(SIGNATURE)
		ION	(SIGNATURE)

L S Well Service, L.L.C.# 33374 543 22000 ROAD CHERRYVALE, KANSAS 67335-8515 620-328-4433 OFFICE ORIGINAL LOCATION Woodson FOREMAN BL. GR

APR 1 5 2005

KCC WICHITA

CEMENT TREATMENT REPORT API # 15-207-26859-00-00 DATE CUSTOMER# WELL NAME **Type of Cement** 2-03-05 16B Remlinger Diversified Light RANGE SECTION TOWNSHIP COUNTY **Number of Sacks** 166 24 23 Woodson CUSTOMER C+5011 MAILING ADDRESS P.O. Box 41 CITY Neosho Falls STATE Kansas ZIP CODE 66758 TIME ARRIVED ON LOCATION **WELL DATA** HOLE SIZE 5/211 TYPE OF TREATMENT TOTAL DEPTH 1037 () SURFACE PIPE > PRODUCTION CASING CASING SIZE 2 7/8" () SQUEEZE CEMENT () PLUG AND ABANDON CASING DEPTH 1030 ' () PLUG BACK OPEN HOLE () MISP. PUMP PACKER DEPTH () WASH DOWN WIRE LINE **READING BEFORE** () OTHER WIRE LINE READING AFTER TREATMENT VIA **INSTRUCTIONS PRIOR TO JOB** Robert Christenson **AUTHORIZATION TO PROCEED** TITLE DATE dropped rubber plue and landed bottom with 1000 psi. ()A) PLUG ON BOTTOM () SHUT IN PRESSURE () LOST CIRCULATION RECEIVED (\$\mathcal{L}\$ GOOD CEMENT RETURNS

SACKS

() TOPPED OFF WELL WITH

CONSOLIDATED OIL WELL SERVICES, INC. 211 W. 14TH STREET, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

CUSTOMER#

STATE

WELL DATA

K2

TOTAL DEPTH

PLUG DEPTH

OPEN HOLE

40)

PACKER DEPTH

BBL'S

PUMPED

15

6

Squire

INJ RATE

15

PPG

DATE

3-7-05

CASING SIZE

CASING WEIGHT

TUBING SIZE 2

TUBING WEIGHT

PERFS & FORMATION

STAGE

· PAD

10 balls

20.40

12-20

12-20

12-20

FLUSH

release bulls

2nd well

37517 TICKET NUMBER FIELD TICKET REF# LOCATION Theyer FOREMAN Theto

TREATMENT REPORT **FRAC & ACID**

WELL NAME & NUMBER

ZIP CODE

Remlinger 16-13

TOWNSHIP SECTION RANGE COUNTY 16E 24 $(\mathcal{N}O)$ TRUCK# DRIVER TRUCK # DRIVER 1101 Harv George TYPE OF TREATMENT Frac -**CHEMICALS** KCL SUB Bracker PROPPANT SAND / STAGE PSI 1700 BREAKDOWN 15004 START PRESSURE **END PRESSURE** BALL OFF PRESS ROCK SALT PRESS 200 ISIP 5 MIN 10 MIN **15 MIN**

OUCT+ (USP)	5	V			12	MIN RATE	
TOTAL	105				/5	MAX RATE	
>					5,5	DISPLACEMENT	
	4						1
	` /				·]
REMARKS: CLISTOPPEC	5 put 100	j gal. a	cid thru	1"/-160	$c\omega^{2}$	Agelwater 2% KC	Ţ
Max 120 bb15	1	J		7		.)	_
\	\					RECEIVED	_
`						APR 1 5 2005	_
` ,			,			ATHOUSE	
						KCC WICHITA	_
		······································					_
ULTUODITATION			TiTL F			DATE 3-7-05	
AUTHORIZATION	<u> </u>		TITLE		(// · · · · · · · · · · · · · · · · · ·	DATE	
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