KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACQ-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

ODICINIAL

Operator: License # 30102	API No. 15 - 001-29293-0000
Name: C & S Oil	County: Allen
Address: PO Box 41	ne -sw - nw - Sec. 32 Twp. 23 S. R. 18 7 East West
City/State/Zip: Neosho Falls, Ks 66758	3600 feet from S / N (circle one) Line of Section
Purchaser: CMT Transportation, Inc.	4318 feet from E/ W (circle one) Line of Section
Operator Contact Person: Robert Chriestenson or Ron German	Footages Calculated from Nearest Outside Section Corner:
Phone: (_620) _963-2342 or 620-365-0919	(circle one) NE SE NW SW
Contractor: Name: L & S Well Service, LLC RECEIVED	Lease Name: Craig Mentzer Well #: 20
33374	Field Name: Colony West
Wellsite Geologist: none	Producing Formation: Bartelsville
Designate Type of Completion: KCC WICHITA	Elevation: Ground: 994' Kelly Bushing: none
New Well Re-Entry Workover	Total Depth: 1237' Plug Back Total Depth: 1006'
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 22 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
f Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 1237
Operator:	feet depth to surface w/ 152 sx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Orilling Fluid Management Plan (Date must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug BackPlug Back Total Depth	Dewatering method used_air drilled
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	
Other (SWD or Enhr.?) Docket No	Operator Name:
10/26/2005 10/27/2005 10/28/2005	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	Quarter Sec Twp S. R East West
recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with the 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 at 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. It months if requested in writing and submitted with the form (see rule 82-3-110 geologist well report shall be attached with this form. ALL CEMENTING
all requirements of the statutes, rules and regulations promulgated to regulat serein 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: Rust Christer	KCC Office Use ONLY
itle: Owner Date: 12/12/2005	Letter of Confidentiality Received
subscribed and sworn to before me this 12th day of Alecamber	/ If Denied, Yes Date:
0 <u>05</u> .	
Intervenibility Catherine & Saburtas	Geologist Report Received
lotary Public: Latical J Schuster NOTARY PUBLIC - State	ol Kansas UIC Distribution
tate Commission Expires: 12/31/3005 PATRICIA J. SCI	

Operator Name: C &			Lea	ase Name:	Craig Mentzer		Well #: 20		
Sec. 32 Twp	23 S. R. 18	_	Cou	unty: Allen			-		
temperature, fluid re	ecovery, and flow rate	and base of formations pag and shut-in pressures if gas to surface test, final geological well site	, whether along wit	r shut-in pr	essure reached	static level, bydro	ostatic oressuu	es hottom hole	
Drill Stem Tests Take	-	☐ Yes 📝 No		\sum_{\text{!}}	.og Formati	on (Top), Depth a	and Datum	Sample	
Samples Sent to Ge	ological Survey	Yes No		Nan	ne elsville		Top 950'	Datum	
Cores Taken		Yes 🗸 No					300		
Electric Log Run (Submit Copy)		✓ Yes No							
List All E. Logs Run:									
Gamma Ray	/ Neutron								
		CASING Report all strings set-	RECORI	٠٠٠ بـــ		ion, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)		Veight os. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
Surface	11"	7"			22"	Portland	6	AGGIUVES	
Production casin	g 5 1/2"	2 7/8"			1006'	owc	152		
8		ADDITIONAL	CEMEN	TING / SQL	JEEZE RECORD				
Purpose: Depth Top Bottom		Type of Cement	Type of Cement #Sacks Used		REGET (Fige) Additives				
Protect Casing Plug Back TD Plug Off Zone						DEC 1920	105		
					K	CCWIC			
Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record					.				
Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used) Depth						
2	954' to 958' (9 shots) 960' to 976' (34 shots)			Spot 75 Gal 15	5% HCL, used 40	000 lbs sand to	o frac		
2	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·							
	901.5 (0 991.5 (2	1 shots)							
TUBING RECORD	Size	Set At	Packer	r At	Liner Run	Yes No			
Date of First, Resumero	Production, SWD or E	nhr. Producing Meti	hod	Flowing			Othe	r (Explain)	
Estimated Production Per 24 Hours	Oil i	Bbls. Gas	Mcf	Wate			as-Oil Ratio	Gravity	
Disposition of Gas	.25	OMBI STICAL					····	·	
	METHOD OF C	_	_		Production Interv				
Vented Sold (If vented, Sul	Used on Lease bmit ACO-18.)	☐ Open Hole ☐ Other <i>(Speci</i> i	√ Pe (v)	nt. 🔲 D	ually Comp. [Commingled	····		

620-328-44	33	00012
0-10 10-18' 18-120	LIME	10-26-05 Drilled 11" hole and set 22' of 7" surface casing with 6 sacks Portland cement
120-150		
150-150		10-27-05 Started drilling 5 1/2" hole
170-170		10-21-00 Omitod arming o na more
216-295		10-27-05 Finished drilling to
216-293 295-353		T.D. 1237'
		1.5. (20)
353-357 357-360	BLACK SHALE	WATER @ 385'
360-400		VIATER @ 500
		611' SLIGHT BLOW
400-445	SANDY SHALE	
		686' SLIGHT BLOW
485-500	SANDY SHALE	
500-502		761' 25" ON 1/2" ORIFICE
576-591		861' 20" ON 1/2" ORIFICE
	SANDY SHALE	
	SHALE	1062' 17" ON 1/2" ORIFICE
603-612		1137' 17" ON 1/2" ORIFICE
612-625		1107 17 017 112 01111 102
	SANDY SHALE	
641-669	SHALE	
669-672		
672-673		
673-693		
	SHALE	
703-707		RECEIVED
	BLACK SHALE	DEC 19 2005
710-711		DEC 13 KUUJ
	SHALE	KCC WICHITA
719-731		
731-735	BLACK SHALE	
735-747	LIME	
747-750	BLACK SHALE	
750-751	COAL	
751-761	LIME	
761-791	SHALE	
791-796	SANDY SHALE	
796-810	SAND	OIL ODOR TRACE
810-826	SHALE	
826-846	SANDY SHALE	
846-902	SAND	
902-917	SAND	
917-918	SANDY SHALE	
918-950	SAND	

Drill Log

C S OIL

L S Well Service, LLC #33374

950-1020 SANDY SHALE

Cherryvale, Kansas 67335

543A 22000 Road

Craig Mentzer #20

API#001292930000

S32, T23,R18

Allen Co, KS

L S Well Service, LLC #33374 543A 22000 Road Cherryvale, Kansas 67335 620-328-4433 **Drill Log**

CSOIL

Craig Mentzer #20 S32, T23,R18 Allen Co, KS API#001292930000

1020-1122 SAND 1122-1123 COAL 1123-1130 SHALE 1130-1132 LIME 1132-1152 SHALE 1152-1237 LIME MISSISSIPPI

T.D. 1237'

RECEIVED
DEC 1 9 2005
KCC WICHITA

L S Well Service, L.L.C.# 33374 '543 22000 ROAD CHERRYVALE, KANSAS 67335-8515 620-328-4433 OFFICE TICKET NUMBER 2005/028
LOCATION When Co.
FOREMAN JD 68 D&

CEMENT TREATMENT REPORT

WELL NAME \ + 5/	Hole	Pipe .	Annual Volumn in	
8-15 WELL NAME men ter #20			Linear Ft/Bl.	
ION TOWNSHIP RANGE COUNTY	6 3/4"	4 1/2"	40.5	
32 23 188 allen	6 1/2"	4 1/2"	46	
TOMER	6 1/4"	2 1/2"	33.5	
CHYDS OIL	5 1/4"	2 1/2"	53.5	
NG ADDRESS	5 1/4"	2"	47	
P.O. Box 41	5 1/2"	2 1/2"	41	
	Tubing-Linea	r Ft/Bl.		
Jeosho Falls	11"	8 5/8"	15	
TE Kansas ZIP CODE 66758	10"	7"	24	
E Sansys	4 1/2"	10.5 lb.	63.1	
E ARRIVED ON LOCATION	2 1/2"		170	
· Author	2"		250	
, WELL DATA		<u> </u>	<u> </u>	
E SIZE 5 /2 17	TYP	E OF TREAT	MENT	
TAL DEPTH 1237	() SURFAC	CE PIPE		
	PRODU	CTION CASI	1G	ļ
SING SIZE 2/2 "	1 \ /	ZE CEMENT	. .	
SING DEPTH 1006'	() PLUG A () PLUG B	ND ABANDO	N	
CKER DEPTH	() PLUG B			
RE LINE READING BEFOI	() WASHI			
RE LINE READING AFTER	() OTHER			
The City Court of the Court of the City Court of			<u>,</u>	
STRUCTIONS PRIOR TO JOB		RECE		
		NEUE		
		DEC 19	2003	
			<u> </u>	
		CC W	CHITA_	
JTHORIZATION TO PROCEED	TITLE	40000	DATE	
<u> </u>		77	D4DD510051W4T55	
OOKED ONTO CASING. ESTABLISHE	ED CIRCULATION WITH	_7	BARRELS OF WATER	
			_AHEAD, THEN BLEN	
13 2 SACKS OF OWC	CEMENT, THE	N DROPPED	RUBBER PLUG, THE	•
UMPEDBARRELS OF WATER.				
			7 = /	1
	600-		/ . (/	7
() LANDED PLUG ON BOT	TOM AT PSI		-Not	へ
() SHUT IN PRESSURE		///	ICNIATINGE'	
() LOST CIRCULATION		(S	IGNATURE)	
() TOPPED OFF WELL WI				
(> SET FLOAT SHOE - SH	UT IN			
I°				