

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 30102
Name: C & S Oil
Address: PO Box 41
City/State/Zip: Neosho Falls, Ks 66758
Purchaser: CMT Transportation, Inc.
Operator Contact Person: Robert Christenson
Phone: (620) 365-0919
Contractor: Name: L & S Well Service, LLC
License: 33374
Wellsite Geologist: none

Designate Type of Completion:

☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.
☐ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: _____
Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Enhr./SWD
☐ Plug Back _____ Plug Back Total Depth _____
☐ Commingled _____ Docket No. _____
☐ Dual Completion _____ Docket No. _____
☐ Other (SWD or Enhr.?) _____ Docket No. _____

11/20/2006	11/21/2006	11/22/2006
Spud Date or	Date Reached TD	Completion Date or
Recompletion Date		Recompletion Date

API No. 15 - 207-27076-00-00
County: Woodson
NE SE NE Sec. 33 Twp. 23 S. R. 17 ☒ East ☐ West
3694 feet from (S) N (circle one) Line of Section
590 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE (SE) NW SW
Lease Name: Christenson Well #: 14

Field Name: Neosho Falls-Leroy

Producing Formation: Mississippi

Elevation: Ground: 960' Kelly Bushing: none

Total Depth: 1256' Plug Back Total Depth: none

Amount of Surface Pipe Set and Cemented at 22.5 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1256'
feet depth to surface w/ 185 sx cmt.

Drilling Fluid Management Plan Alt II NH 6-19-08
(Data must be collected from the Reserve Pit)

Chloride content fresh water ppm Fluid volume _____ bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License No.: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West

County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Robert Christenson

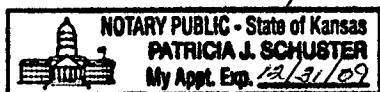
Title: Owner Date: 1-4-07

Subscribed and sworn to before me this 4th day of January

2007

Notary Public: Patricia J. Schuster

Date Commission Expires: December 31st, 2009



KCC Office Use ONLY

N Letter of Confidentiality Received
If Denied, Yes ☐ Date: _____
☐ Wireline Log Received
☐ Geologist Report Received
☐ UIC Distribution

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CONSERVATION DIVISION
WICHITA, KS

Operator Name: C & S Oil Lease Name: Christenson Well #: 14
 Sec. 33 Twp. 23 S. R. 17 ☒ East ☐ West County: Woodson

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy) List All E. Logs Run: Gamma Ray - Nuetron	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Mississippi 1172'
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CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
surface	11"	8 5/8"		22.5'	portland	6	
longstring casing	5 1/2"	2 7/8"		1250'	OWC	185	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	1187' - 1207' (40 shots)	950 gal 15% HCL	

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 11/27/2006		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. X 1	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas		METHOD OF COMPLETION		Production Interval	
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify)	<div style="text-align: right; border: 1px solid black; padding: 5px; display: inline-block;"> RECEIVED KANSAS CORPORATION COMMISSION JAN 08 2007 CONSERVATION DIVISION WICHITA, KS </div>			

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

DRILLER LOG

C S Oil

Christenson #14
S33 T23, R17E
Woodson Co., KS
API#15-207-27076-00-00

0-2	SOIL
2-13'	CLAY
13-64	LIME
64-129	SHALE
129-149	LIME
149-199	SHALE
199-202	LIME
202-210	SHALE
210-214	LIME
214-225	SHALE
225-266	LIME
266-325	SHALE
325--327	BLACK SHALE COAL
327-335	SHALE
335-364	LIME
364-366	SHALE
366-384	SAND
384-400	LIME
400-403	SHALE
403-405	BLACK SHALE COAL
405-407	SHALE
407-428	LIME
428--431	BLACK SHALE COAL
431-435	LIME
435-585	SHALE
585-586	BLACK SHALE COAL
586-615	SHALE
615-616	BLACK SHALE COAL
616-620	SHALE
620-623	LIME
623-645	SHALE
645-678	LIME
678-679	SHALE
679-680	BLACK SHALE COAL
680-750	SHALE
750-752	BLACK SHALE COAL
752-803	SHALE
803-815	LIME
815-821	SANDY SHALE
821-856	SHALE
856-861	SAND
861-899	SANDY SHALE
899-921	SHALE
921-928	SANDY SHALE
928-1116	SHALE
1116-1118	BLACK SHALE COAL
1118-1172	SHALE

11-20-06 Drilled 11" hole and
Set 22.5' of 8 5/8" Surface pipe
Set with 6 sacks of Portland Cement

11-21-06 Started drilling 5 1/2" hole

11-21-06 Finished drilling to T.D.1256'

850' OIL SHOW
1049' OIL SHOW
1179' ODOR OIL

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WICHITA, KS

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

DRILLER LOG

C S Oil

Chrestenson #14
S33 T23, R17E
Woodson Co., KS
API#15-207-27076-00-00

1172-1256 LIME MISSISSIPPI

T.D. 1256'

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CONSERVATION DIVISION
WICHITA, KS

KEPLEY WELL SERVICE CEMENTING

19245 Ford Road
Chanute, KS 66720
(620) 431-9212
Mobile (620) 431-8945

Cementing - L & S
543A 22000 Road
Cherryvale, KS 67335

Date	Invoice
11/28/2006	581

Date: 11-22-06
Well Name: Christenson 14
Section: 33
Township: 23
Range: 17
County: Woodson
API: 207-27076-00-00

CEMENT TREATMENT REPORT

TYPE OF TREATMENT: Production Casing
HOLE SIZE: 5.5
TOTAL DEPT: 1256
WIRE LINE READING BEFORE:
WIRE LINE READING AFTER:

(x) Landed Plug on Bottom at 700 PSI
(x) Shut in Pressure 700
() Lost Circulation
(x) Good Cement Returns
() Topped off well with _____ Sacks
() Set Float Shoe - Shut In

Service or Product	Quantity	Per Foot Pricing/Unit Pricing	Amount
2 7/8	1,250	3.00	3,750.00T
<p><i>Paid in full</i></p>			

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Hooked onto 2 7/8 casing. Established circulation with 15 barrels of water, 6 GEL, 2 METSO, 1 COTTON ahead, blended 185 sacks of OWC cement, dropped rubber plug, and pumped 15 barrels of water.

Subtotal	\$3,750.00
Sales Tax (7.3%)	\$273.75
Balance Due	\$4,023.75