

ORIGINAL

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

RECEIVED  
KANSAS CORPORATION COMMISSION  
Form ACO-1  
September 1999  
JUN 01 2007 Form Must Be Typed

Operator: License # 30329  
Name: Thomas Well Service, Inc.  
Address: P.O. Box 97  
City/State/Zip: McLouth, KS 66054  
Purchaser: N.C.R.A.  
Operator Contact Person: Bob Thomas  
Phone: (913) 758-0175  
Contractor: Name: HAT Drilling, LLC  
License: 33734  
Wellsite Geologist: \_\_\_\_\_

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. \_\_\_\_\_

9-26-06	9-28-06	5-23-07
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 103-21298-0000  
County: Leavenworth  
SE    NW    NW    Sec. 17 Twp. 8 S. R. 21  East  West  
4125 feet from (S) / N (circle one) Line of Section  
4125 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) (NE) SE NW SW  
Lease Name: Crook Well #: T-2  
Field Name: Easton  
Producing Formation: McLouth  
Elevation: Ground: 893 Kelly Bushing: \_\_\_\_\_  
Total Depth: 1403 Plug Back Total Depth: 1390  
Amount of Surface Pipe Set and Cemented at 40 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1403  
feet depth to surface w/ 192 sx cmt.

Drilling Fluid Management Plan AH II NH 7-10-08  
(Data must be collected from the Reserve Pit)  
Chloride content fresh water ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
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: Bob Thomas, Pres.  
Title: President Date: 5-29-07  
Subscribed and sworn to before me this 29<sup>th</sup> day of may,  
2007.  
Notary Public: Becca L. Haling  
Date Commission Expires: 7-22-07

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

NOTARY PUBLIC - State of Kansas  
BECCA L. HALING  
My Appt. Exp. 7-22-07

Operator Name: Thomas Well Service, Inc. Lease Name: Crook Well #: T-2  
 Sec. 17 Twp. 8 S. R. 21  East  West County: Leavenworth

**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 <i>(Attach Additional Sheets)</i>  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 <i>(Submit Copy)</i>  List All E. Logs Run:  <b>Dual Induction, Compensated Density, Gamma Ray/Neutron</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Kansas City (Base)</td> <td>626</td> <td>-359</td> </tr> <tr> <td>Upper McLouth</td> <td>1282</td> <td>-297</td> </tr> <tr> <td>Lower McLouth</td> <td>1344</td> <td>-359</td> </tr> <tr> <td>Burgess</td> <td>1366</td> <td>-381</td> </tr> <tr> <td>Mississippian</td> <td>1392</td> <td>-407</td> </tr> </table>	Name	Top	Datum	Kansas City (Base)	626	-359	Upper McLouth	1282	-297	Lower McLouth	1344	-359	Burgess	1366	-381	Mississippian	1392	-407
Name	Top	Datum																	
Kansas City (Base)	626	-359																	
Upper McLouth	1282	-297																	
Lower McLouth	1344	-359																	
Burgess	1366	-381																	
Mississippian	1392	-407																	

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	12 1/4	8 5/8	23	40	Portland	30	Gel & C.C.
production	6 3/4	4 1/2	9.5	1398	50/50 Poz	192	OWC

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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
4	1346-1350 KANSAS CORPORATION COMMISSION	450 gal 15% HCL acid	1346-1350
4	1368-1374		1368-1374
	RECEIVED JUN 01 2007 CONSERVATION DIVISION WICHITA KS		

TUBING RECORD	Size Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8 1376			
Date of First, Resumerd Production, SWD or Enhr.		Producing Method		
5-23-07		<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	5	0	40	

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	<u>1346-1350</u> <u>1368-1374</u>

27104

CONSOLIDATED OIL WELL SERVICES, INC.  
 P.O. BOX 884, CHANUTE, KS 66720  
 620-431-9210 OR 800-467-8676

TICKET NUMBER 08894  
 LOCATION Ottawa KS  
 FOREMAN Fred Madur

TREATMENT REPORT & FIELD TICKET  
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-26-06	8147	Crook # T2	17	8	21	LV
CUSTOMER <u>Thomas Well Service</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>P.O. Box 97</u>			<u>506</u>	<u>Fremad</u>		
CITY <u>Mcloth</u>	STATE <u>KS</u>	ZIP CODE <u>66054</u>	<u>368</u>	<u>Caskan</u>		
			<u>370</u>	<u>Marwil</u>		
			<u>503</u>	<u>Gardner</u>		

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 40' CASING SIZE & WEIGHT N/A  
 CASING DEPTH 40' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 10'  
 DISPLACEMENT 2.5 BBL DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 BPM

REMARKS: Establish Circulation. Mix + Pump 21 sks Class A Portland Cement 2% Gel 2% Calcium Chloride 1/4" Flo Seal. Cement to Surface. Displace casing clean w/ 2.5 BBL Fresh water. Shut in Casing.

*Fred*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405	1	PUMP CHARGE <u>Surface Cement</u>	<u>368</u>	<u>620.00</u>
5406	70 mi	MILEAGE <u>Pump Truck</u>	<u>368</u>	<u>222.50</u>
5407	Minimum	<u>70 mi Mileage</u>	<u>503</u>	<u>275.00</u>
5502C	4 hrs	<u>80 BBL Vac Truck</u>	<u>370</u>	<u>360.00</u>
11045	30 SKS	<u>Class A Portland Cement</u>		<u>237.50</u>
1118B	58 #	<u>Premium Gel</u>		<u>8.13</u>
1102	58 #	<u>Calcium Chloride</u>		<u>37.12</u>
1107	8 #	<u>Flo Seal</u>		<u>14.40</u>
		<u>Sub Total</u>		<u>1972.64</u>
		<u>Tax @ 6.3%</u>		<u>25.02</u>
		RECEIVED		
		KANSAS CORPORATION COMMISSION		
		MAY 31 2007		
		CONSERVATION DIVISION		
		SALES TAX		
		ESTIMATED TOTAL		<u>1897.66</u>

AUTHORIZATION \_\_\_\_\_

TITLE WOT 209377

DATE \_\_\_\_\_

X  
27184

CONSOLIDATED OIL WELL SERVICES, INC.  
P.O. BOX 884, CHANUTE, KS 66720  
620-431-9210 OR 800-467-8676

TICKET NUMBER 08897  
LOCATION Atchawa KS  
FOREMAN Fred Maden

TREATMENT REPORT & FIELD TICKET  
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-28-06	8147	Crooks # T-2	17	8	21	LV
CUSTOMER Thomas Well Service			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS P.O. Box 97			506	Fred Maden	505-T106	Max Maden
CITY McLouth			164	Ric Arb		
STATE KS			510	Gar And		
ZIP CODE 66059			503	Ken Allen		

JOB TYPE long string HOLE SIZE 6 3/4 HOLE DEPTH 1403 CASING SIZE & WEIGHT 4 1/2  
CASING DEPTH 1398 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 4 1/2" Plug  
DISPLACEMENT 22.2 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 BPM

REMARKS: Check casing depth w/ wireline. Establish circulation. Mix & Pump 30 BBLs Fresh w/ 1 Gal ESA-41 Soap. Mix & Pump 135 SKS 50/50 Por Mix Cement @ 6% Gel + 48" Flo Seal. Follow w/ 65 SKS OWC. Flush pump & lines clean. Displace 4 1/2" rubber plug to casing TD w/ 22.2 BBL Fresh Water. Pressure to 650\* PSI. Release pressure to set float shoe. Check plug depth w/ wireline.

Hattberg

Fred Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE Cement Pump	164	600.00
5406	70 mi	MILEAGE Pump Truck	164	220.00
5407	6.93 Ton	Ton Mileage	510	509.85
5407	Minimum	Ton Mileage	503	275.00
5501C	5 hrs	Transport	505-T106	490.00
1124	127 SKS	50/50 Por Mix Cement		1123.25
1126	65 SKS	OWC Cement		952.25
1118B	650*	Premium Gel		95.20
1107	48**	Flo Seal		86.40
4404	1	4 1/2" Rubber Plug		40.00
1238	1 Gal	ESA-41 (soap)		33.25
		Sub Total		4626.40
		Tax @ 6.2%		146.89
		RECEIVED KANSAS CORPORATION COMMISSION MAY 31 2007		

CONSERVATION DIVISION  
WICHITA KS

TITLE 100# 209519

SALES TAX ESTIMATED TOTAL 4773.29

AUTHORIZATION \_\_\_\_\_

DATE \_\_\_\_\_