

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

12/18/09
Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5144
Name: Mull Drilling Company, Inc.
Address: P.O. Box 2758
City/State/Zip: Wichita KS 67201-2758
Purchaser: N/A
Operator Contact Person: Mark Shreve
Phone: (316) 264-6366
Contractor: Name: Duke Drilling Company, Inc.
License: 5929

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DEC 18 2007

Wellsite Geologist: Kevin Kessler
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. _____

<u>9/4/07</u>	<u>9/14/07</u>	<u>9/15/07</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 101-22040-00-00
County: Lane
NE NE NW SW Sec. 7 Twp. 17 S. R. 28 East West
2603 feet from S N (circle one) Line of Section
1211 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)
Lease Name: Dorthea Unit Well #: 1-7
Field Name: Wildcat

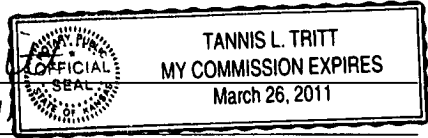
Producing Formation: N/A
Elevation: Ground: 2780' Kelly Bushing: 2789'
Total Depth: 4665' Plug Back Total Depth: N/A
Amount of Surface Pipe Set and Cemented at 213 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Pl: PA 115 46 09
(Data must be collected from the Reserve)
Chloride content 22,000 ppm Fluid volume 500 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: _____
Title: President/COO Date: 12/18/07
Subscribed and sworn to before me this 18 day of December,
2007.
Notary Public: Tannis L. Tritt
Date Commission Expires: 3-26-2011



KCC Office Use ONLY

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

RECEIVED
KANSAS CORPORATION COMMISSION
DEC 19 2007

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Mull Drilling Company, Inc. Lease Name: Dorthea Unit Well #: 1-7
 Sec. 7 Twp. 17 S. R. 28 East West County: Lane

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input 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: Superior: CDL/CNL; DIL; Sonic & Micro	<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>Anhydrite</td> <td>2176</td> <td>+ 617</td> </tr> <tr> <td>B/Anhydrite</td> <td>2204</td> <td>+ 586</td> </tr> <tr> <td>Heebner</td> <td>3943</td> <td>- 1153</td> </tr> <tr> <td>Lansing</td> <td>3978</td> <td>- 1188</td> </tr> <tr> <td>Stark</td> <td>4234</td> <td>- 1444</td> </tr> <tr> <td>B/KC</td> <td>4314</td> <td>- 1524</td> </tr> <tr> <td>Ft. Scott</td> <td>4480</td> <td>- 1690</td> </tr> <tr> <td>Cherokee Shale</td> <td>4504</td> <td>- 1714</td> </tr> <tr> <td>Mississippian</td> <td>4567</td> <td>- 1884</td> </tr> </table>	Name	Top	Datum	Anhydrite	2176	+ 617	B/Anhydrite	2204	+ 586	Heebner	3943	- 1153	Lansing	3978	- 1188	Stark	4234	- 1444	B/KC	4314	- 1524	Ft. Scott	4480	- 1690	Cherokee Shale	4504	- 1714	Mississippian	4567	- 1884
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CASING RECORD <input checked="" type="checkbox"/> New <input 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"	20#	213'	Common	160	2% gel, 3% cc

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				CONFIDENTIAL DEC 14 2007

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
		RECEIVED KANSAS CORPORATION COMMISSION DEC 19 2007 CONSERVATION DIVISION WICHITA, KS

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.		Producing Method <input type="checkbox"/> Flowing <input 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

Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

ALLIED CEMENTING CO., INC.

30883

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

SERVICE POINT: Great Bend
Kansas

DATE <u>9-15-07</u>	SEC <u>7</u>	TWP. <u>17</u>	RANGE <u>23</u>	CALLED OUT <u>5 AM</u>	ON LOC <u>9 AM</u>	JOB START <u>12 PM</u>	JOB FINISH <u>1 PM</u>
LEASE <u>Perth unit</u>	WELL# <u>1-7</u>	LOCATION <u>4+23 Hwy 2 1/2 S E15</u>			COUNTY <u>Leane</u>	STATE <u>K. S.</u>	
OLD OR <input checked="" type="checkbox"/> NEW (Circle one)							

CONTRACTOR Duke Rig #4

TYPE OF JOB Rotary Plug

HOLE SIZE _____ T.D. 4665 ft

CASING SIZE 8 1/2 DEPTH 213 ft

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 DEPTH 2230 ft

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED 255 60 48 gal

1/4" Flossal P/SK

COMMON	<u>153</u>	@	<u>11.10</u>	<u>1698.30</u>
POZMIX	<u>102</u>	@	<u>6.20</u>	<u>632.40</u>
GEL	<u>10</u>	@	<u>16.65</u>	<u>166.50</u>
CHLORIDE		@		
ASC		@		
<u>Flossal 64</u>		@	<u>2.00</u>	<u>128.00</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>267</u>	@	<u>1.90</u>	<u>507.30</u>
MILEAGE	<u>50.9.267</u>			<u>1201.50</u>
TOTAL				<u>4334.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Mike

120 HELPER Randy

BULK TRUCK

342 DRIVER Tyler

BULK TRUCK

_____ DRIVER _____

REMARKS:

- 50M at 2230 ft
- 80 ft at 1380 ft
- 50M at 710 ft
- 40M at 240 ft
- 20M at 60 ft
- 15M at R.H

SERVICE

DEPTH OF JOB	<u>2230 ft</u>		
PUMP TRUCK CHARGE			<u>955.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>50</u>	@	<u>6.00</u> <u>300.00</u>
MANIFOLD		@	
<u>head rent</u>		@	<u>100.00</u>
		@	
TOTAL <u>1355.00</u>			

CHARGE TO: Mull Drilling

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>1-5/8" old Hole Plug</u>	@	<u>60.00</u>
	@	
	@	
	@	
	@	
TOTAL <u>60.00</u>		

To Allied Cementing Co. Inc. _____

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Rich Wheeler

Rich Wheeler
PRINTED NAME

Thank you


ALLIED CEMENTING CO., INC.

30436

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

SERVICE POINT: Great Bend

DATE <u>9-4-07</u>	SEC <u>5</u>	TWP <u>17</u>	RANGE <u>28</u>	CALLED OUT <u>1:00 PM</u>	ON LOCATION <u>3:00 PM</u>	JOB START <u>5:00 PM</u>	JOB FINISH <u>6:00 PM</u>
LEASE <u>Dorthea</u>	WELL # <u>1-17</u>	LOCATION <u>Sheilds 4+23 Sect, Ks,</u>			COUNTY <u>Lawr</u>	STATE <u>Ks</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<input checked="" type="radio"/> E/S				

CONTRACTOR Duke #4
 TYPE OF JOB Surface Job
 HOLE SIZE 12 1/4" T.D. 214'
 CASING SIZE 8 3/4" DEPTH 213'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 200# PSI MINIMUM 0
 MEAS. LINE _____ SHOE JOINT 15'
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT 12 1/2 BBLs of freshwater

OWNER Mull Drilling
 CEMENT AMOUNT ORDERED 160 st Common 3% CL, 2% Gel

COMMON	<u>160</u>	@	<u>11.10</u>	<u>1776.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>16.65</u>	<u>49.95</u>
CHLORIDE	<u>5</u>	@	<u>46.60</u>	<u>233.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>168</u>	@	<u>1.90</u>	<u>319.20</u>
MILEAGE	<u>50.9.168</u>			<u>156.00</u>
TOTAL				<u>3134.15</u>

EQUIPMENT

PUMP TRUCK CEMENTER Rick H.
 # 120 HELPER David J.
 BULK TRUCK
 # 341 DRIVER Wayne D.
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:
pipe on bottom, broke Circulation mixed
160 st Common 3% CL, 2% Gel. Shut down
Released plug and displaced with 12 1/2 BBLs
of freshwater and shut in.
Cement did Circulate!

CHARGE TO: Mull Drilling
 STREET _____
 CITY _____ STATE _____ ZIP _____

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Rich Wheeler

SERVICE

DEPTH OF JOB	<u>214'</u>		
PUMP TRUCK CHARGE			<u>815.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>50</u>	@	<u>6.00</u> <u>300.00</u>
MANIFOLD	<u>Head Rent</u>	@	<u>100.00</u>
		@	
TOTAL <u>1215.00</u>			

PLUG & FLOAT EQUIPMENT

1-wooden plug			<u>60.00</u>
		@	
		@	
		@	
		@	
TOTAL <u>60.00</u>			

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS
 SIGNATURE Rich Wheeler
 PRINTED NAME _____