

CONFIDENTIAL

KANSAS CORPORATION COMMISSION

OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

1/8/08

Form ACO-1

September 1999

Form Must Be Typed

Operator: License # 5144Name: Mull Drilling Company, Inc.Address: P.O. Box 2758City/State/Zip: Wichita KS 67201-2758Purchaser: N/AOperator Contact Person: Mark ShrevePhone: (316) 264-6366Contractor: Name: Duke Drilling Co., Inc.License: 5929Wellsite Geologist: Kevin Kessler

Designate Type of Completion:

☒ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ SWD ☐ SLOW ☐ 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. _____

10/16/06 10/23/06 10/24/06

Spud Date or
Recompletion Date Date Reached TD Completion Date or
Recompletion DateAPI No. 15 - 101-21975-00-00County: LaneNE NE NE NW Sec. 32 Twp. 16 S. R. 28 ☐ East ☒ West214 feet from S (N) (circle one) Line of Section2321 feet from E (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE (NW) SWLease Name: JT Well #: 1-32Field Name: WildcatProducing Formation: N/AElevation: Ground: 2780' Kelly Bushing: 2789'Total Depth: 4660' Plug Back Total Depth: N/AAmount of Surface Pipe Set and Cemented at 223 FeetMultiple 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 Plan PA NK 9-12-08
(Data must be collected from the Reserve Pit)Chloride content 9,000 ppm Fluid volume 1000 bblsDewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License No.: _____

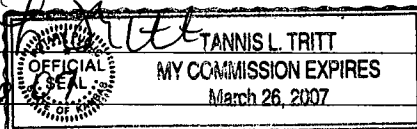
Quarter _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West

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: 1/8/07Subscribed and sworn to before me this 8th day of January20 07Notary Public: Tannis L. TrittDate Commission Expires: 3-26-07

KCC Office Use ONLY

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

RECEIVED
 KANSAS CORPORATION COMMISSION
 JAN 09 2007

CONSERVATION DIVISION
 WICHITA, KS

Operator Name: Mull Drilling Company, Inc. Lease Name: JT. 6. 0 Well #: 1-32
 Sec. 32 Twp. 16 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 ☒ Yes ☐ No
 (Attach Additional Sheets)

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☒ Yes ☐ No
 (Submit Copy)

List All E. Logs Run:

ELI: CDL/CNL; DIL; Micro & Sonic

☒ Log Formation (Top), Depth and Datum ☐ Sample
 Name Top Datum

See Attachment "A"

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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	# Sacjs Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	20#	223'	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				

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

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

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
 (If vented, Submit ACO-18.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

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CONSERVATION DIVISION
 WICHITA, KS

**ATTACHMENT TO ACO-1
Well Completion Form**

**Mull Drilling Company, Inc.
JT #1-32
NE/4 NW/4 Section 32-16S-28W
Lane County, Kansas
API: 15-101-21975**

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LOG TOPS

FORMATION	DEPTH	SUBSEA
Anhydrite	2188	(+601)
Base Anhydrite	2220	(+569)
Heebner Shale	3968	(-1179)
Lansing	4007	(-1218)
Stark Shale	4262	(-1473)
B/KC	4339	(-1550)
Ft. Scott	4516	(-1727)
Cherokee Shale	4538	(-1749)
Mississippi	4617	(-1828)
RTD	4660	(-1871)
LTD	4666	(-1877)

**RECEIVED
KANSAS CORPORATION COMMISSION**

JAN 09 2007

**CONSERVATION DIVISION
WICHITA, KS**

ALLIED CEMENTING CO., INC.

26252

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

SERVICE POINT:

Neosho City

DATE <u>10-24-06</u>	SEC. <u>32</u>	TWP. <u>16</u>	RANGE <u>28</u>	CALLED OUT <u>3:45AM</u>	ON LOCATION <u>7:45AM</u>	JOB START <u>8:30AM</u>	JOB FINISH <u>10:30AM</u>
LEASE <u>JT</u>	WELL # <u>1-32</u>	LOCATION <u>Sheldons 3/4 W.S.</u>			COUNTY <u>Lane</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			KCC				

CONTRACTOR Duke Dady #4
 TYPE OF JOB Rotary Plug
 HOLE SIZE 7 7/8 T.D. 4660
 CASING SIZE 8 7/8 DEPTH 223
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT

EQUIPMENT

PUMP TRUCK CEMENTER L. Wheeler
 # 224 HELPER
 BULK TRUCK
 # 377 DRIVER Larry
 BULK TRUCK
 # DRIVER

REMARKS:

50 x 2220'
80 1300
40 650
40 240
20 60
15 R.H.

Thanks

CHARGE TO: Mull Dady
 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

OWNER JAN 08 2007

CEMENT AMOUNT ORDERED CONFIDENTIAL
24.5 60/42 60/42
1/4" 7lb Seal per ss

COMMON	<u>14704</u>	@	<u>10.65</u>	<u>1565.55</u>
POZMIX	<u>9304</u>	@	<u>5.80</u>	<u>568.40</u>
GEL	<u>1304</u>	@	<u>16.65</u>	<u>216.45</u>
CHLORIDE		@		
ASC		@		
<u>7lb Seal</u>	<u>61</u>	@	<u>2.00</u>	<u>122.00</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>2604</u>	@	<u>1.90</u>	<u>494.00</u>
MILEAGE	<u>42 09 2604</u>			<u>982.80</u>
			TOTAL	<u>3949.21</u>

SERVICE

DEPTH OF JOB	<u>2220</u>		
PUMP TRUCK CHARGE			<u>9.5500</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>42</u>	@	<u>6.00</u> <u>252.00</u>
MANIFOLD		@	
		@	
		@	

TOTAL 1207.00

RECEIVED LUG & FLOAT EQUIPMENT
 KANSAS CORPORATION COMMISSION

<u>JAN 09 2007</u>	@	
	@	
CONSERVATION DIVISION	@	
WICHITA, KS	@	
	@	

TOTAL

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Rich Wheeler
 PRINTED NAME

ALLIED CEMENTING CO., INC.

23739

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

JAN 08 2007

SERVICE POINT:

Ness City

CONFIDENTIAL

DATE <u>10-16-06</u>	SEC. <u>32</u>	TWP. <u>16S</u>	RANGE <u>28W</u>	CALLED OUT <u>12:00 Noon</u>	ON LOCATION <u>2:30 PM</u>	JOB START <u>4:00</u>	JOB FINISH <u>4:30 PM</u>
LEASE <u>JT</u>	WELL # <u>1-32</u>	LOCATION <u>SHIELDS 3/4 D 1/4 W</u>				COUNTY <u>LANE</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)							

CONTRACTOR DUKE DAIG #4

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4" T.D. 225'

CASING SIZE 8 5/8" DEPTH 223'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 13 BLS

OWNER Mull Daig

CEMENT

AMOUNT ORDERED 160 Lb Common 3% 2% CCL

COMMON	<u>160 Lb</u>	@	<u>10.65</u>	<u>1704.00</u>
POZMIX		@		
GEL	<u>3 M</u>	@	<u>16.65</u>	<u>49.95</u>
CHLORIDE	<u>5 M</u>	@	<u>46.60</u>	<u>233.00</u>
ASC		@		

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JAN 09 2007

CONSERVATION DIVISION

HANDLING WICHITA, KS

MILEAGE 168.14 @ 42 7052.68

TOTAL 2941.19

EQUIPMENT

PUMP TRUCK CEMENTER BIM B

224 HELPER JIM W

BULK TRUCK

399 DRIVER LONNIE C. CARNEY

BULK TRUCK

DRIVER

REMARKS:

RAN 223' 8 5/8" SURFACE BORE

Circulation w/ 1% CCL

Mix 160 Lb Common 3% 2% CCL

CEL DEPLETED w/ 13 BLS

CEMENT CIRCULATED

TANKS ALLIED (RSC)

CHARGE TO: Mull Daig Co

STREET P.O. Box 2758

CITY Wichita STATE KS ZIP 67201

SERVICE

DEPTH OF JOB 223'

PUMP TRUCK CHARGE 815.00

EXTRA FOOTAGE @

MILEAGE 42 @ 6.00 252.00

MANIFOLD @

TOTAL 1067.00

PLUG & FLOAT EQUIPMENT

1-Top 8 5/8" WOOD @ 60.00 60.00

TOTAL 60.00

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 T. Wheeler

PRINTED NAME T. Wheeler

1/8/08
1-8-09



January 8, 2007

Kansas Corporation Commission
Oil & Gas Conservation Division
130 S. Market, Room 2078
Wichita, Kansas 67202

KCC
JAN 08 2007
CONFIDENTIAL

**RE: JT #1-32
NE NW 32-16S-28W
Lane County, Kansas
API: 15-101-21975**

Gentlemen/Ladies:

On behalf of Mull Drilling Company, Inc. (MDC) I would like to request that all information on side two of the enclosed Well Completion Form ACO-1 on the above subject location be held confidential for a period of twelve (12) months.

Please also be advised that MDC has not yet received a copy of the geological report on this well. A copy will be forwarded to your office as soon as one has been received from the wellsite geologist.

Should you have any questions regarding the enclosed information, please feel free to contact our office.

Sincerely,

Mark A. Shreve
President/COO

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KANSAS CORPORATION COMMISSION
JAN 09 2007
CONSERVATION DIVISION
WICHITA, KS

MAS:tt
Enclosures