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KCC WICHITA

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

ORIGINAL

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 Ext. 13  
Contractor: Name: Discovery Drilling Company, Inc.  
License: 31548  
Wellsite Geologist: Kim Shoemaker

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Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Add.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

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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. \_\_\_\_\_

MAR 10 2003

From  
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10/2/01 10/12/01 10/13/01  
Spud Date or 10/12/01 Date Reached TD 10/13/01 Completion Date or  
Recompletion Date Recompletion Date

API No: 15 - 101-21795 - 00 - 00  
County: Lane  
100' N & 130' W  
SW SE SW Sec. 17 Twp. 17 S. R. 27  East  West  
430 feet from S / N (circle one) Line of Section  
1520 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Waterson Well #: 1-17  
Field Name: Wildcat  
Producing Formation: N/A

Elevation: Ground: 2690' Kelly Bushing: 2698'  
Total Depth: 4700' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 211:03 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
\_\_\_\_\_ depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan  
(This must be collected from the Reserve Pit)  
Chloride content 18,000 ppm Fluid volume 320 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.: \_\_\_\_\_

ACT II DSA  
DW 3203

**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: 1/3/02  
Subscribed and sworn to before me this 3rd day of January,  
2002  
Notary Public: Tannis L. Tritt  
Notary Public - State of Kansas  
My App. Expires 3-26-2003  
Date Commission Expires: March 26, 2003

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

15-101-21795-00-00

**CONFIDENTIAL** Side Two

**ORIGINAL**

Operator Name: Mull Drilling Company, Inc. Lease Name: Waterson Well #: 1-17  
 Sec. 17 Twp. 17 S. R. 27  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 Wirelines Services: Dual Ind./N. Density/Sonic/Micro

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

See Attached Sheet

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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	12 1/4"	8 5/8"	23#	211:03'	Common	140	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  Yes  No

Date of First, Resumed Production, SWD or Enhr. Producing Method  Flowing  Pumping  Gas Lift  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, Sumit ACO-18.)

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

Production Interval

15-101-21795-00-00

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ATTACHMENT TO ACO-1  
Well Completion Form

Mull Drilling Company, Inc.  
Waterson #1-17

430' FSL & 1520' FWL (100' N & 130' W of SW SE SW) 17-17S-27W  
Lane County, Kansas  
API No. 15-101-21795

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LOG TOPS

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<u>NAME</u>	<u>TOP</u>	<u>DATUM</u>
Anhydrite	2103	595
Base Anhydrite	2132	566
Wabaunsee	3546	- 848
Heebner	3950	-1252
Lansing	3993	-1295
Muncie Creek	4148	-1450
Stark	4248	-1550
B/KC	4319	-1621
Marmaton	4344	-1646
Fort Scott	4498	-1800
Cherokee	4520	-1822
Base Cherokee	4571	-1873
Mississippi	4601	-1903

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ORIGINAL



CHARGE TO: *Mull Dily Co Inc*  
 ADDRESS:  
 CITY, STATE, ZIP CODE: *Wichita, KS*

TICKET No 8011

PAGE 1 OF 1

SERVICE LOCATIONS: *Ness City, KS* WELL/PROJECT NO: *# 1-17* LEASE: *Waterloo* COUNTY/PARISH: *Lane* STATE: *KS* CITY: *Ness City* DATE: *10-2-01* OWNER:  
 TICKET TYPE:  SERVICE  SALES CONTRACTOR: *Discovery Dily #11* RIG NAME/NO.: SHIPPED VIA: *S/W of Pandemic KS* ORDER NO.:  
 WELL TYPE: *0:1* WELL CATEGORY: *Development* JOB PURPOSE: *Newwell - Surface* WELL PERMIT NO.: WELL LOCATION:  
 REFERRAL LOCATION: INVOICE INSTRUCTIONS:-

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M	
575		1			MILEAGE 104	40	mi	2	50	100.00
576		1			Pump Charge	1	ea	500	500	500.00
410					Top Plug	1	ea	56	100	56.00
325		1			Standard Cont	150	sb	6.75	1012.50	1012.50
279		1			Gel (Biolent)	3	str	11	33	33.00
278		1			Calcium Chloride	4	sk	25	100	100.00
581		1			Service Charge	120	hr	1	150	150.00
583		1			Diagnose	220	mi	75	165	165.00

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LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.  
 MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS  
 X *[Signature]*  
 DATE SIGNED: *10-2-01* TIME SIGNED: *8:00*  A.M.  P.M.

REMIT PAYMENT TO:  
 SWIFT SERVICES, INC.  
 P.O. BOX 466  
 NESS CITY, KS 67560  
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL: *2017.10*  
 TAX:  
 TOTAL:

SWIFT OPERATOR: *[Signature]* APPROVAL: *[Signature]*  
 CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

Thank You!

CUSTOMER

Mull Dtg Co.

WELL NO.

Water

LEASE

Water son

JOB TYPE

Surface

TICKET N.

4017

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	17:00							KCC Called out
	19:20							ON location / set up rig
	19:20							Rig circ
	19:45							CONFIDENTIAL Start rig
	20:20							Test Crg on bottom
	20:30							Water R Dtg
	20:35							Pick
	20:45							10 lbs air
	20:47							Mix 150 lbs Standard
								77 gal 32 cc
	20:57	4	35					Done mixing and
	20:59							Release plug
	21:00							Start disp → 9:00
	21:00	4	1234			200		Plug down / Start in 21:10
	<del>21:15</del>							Cont did circ 105 lbs
	21:10							Washed up
	21:20							Racked up
	21:30							Sub brought
								Thank you
								5:30 PM

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T. Tuck  
 D. Fulk  
 R. Samson

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