

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

CONFIDENTIAL

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

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
Contractor: Name: Duke Drilling Co., Inc.
License: 5929

Wellsite Geologist: Kent Crisler
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>3/16/04</u>	<u>3/25/04</u>	<u>3/26/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 101-21834 - 00-00
County: Lane
SE - SW - NE Sec. 9 Twp. 17 S. R. 28 East West
2262 feet from S N (circle one) Line of Section
1550 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Dowd Well #: 2-9
Field Name: Shields

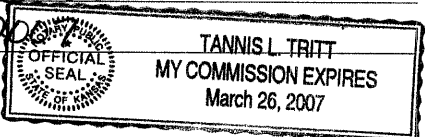
Producing Formation: N/A
Elevation: Ground: 2764' Kelly Bushing: 2773'
Total Depth: 4630' Plug Back Total Depth: N/A
Amount of Surface Pipe Set and Cemented at 272 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cm.

Drilling Fluid Management Plan *ALT II PEA with 2-22-07*
(Data must be collected from the Reserve Pit)
Chloride content 13,500 ppm Fluid volume 900 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: [Signature]
Title: Mark Shreve, President/COO Date: 6/7/04
Subscribed and sworn to before me this 7th day of JUNE, 2004.
Notary Public: Tannis L. Tritt
Date Commission Expires: 3-26-2007



KCC Office Use ONLY

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

✓

X

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Side Two

ORIGINAL

Operator Name: Mull Drilling Company, Inc. Lease Name: Dowd Well #: 2-9
Sec. 9 Twp. 17 S. R. 28 [] East [x] 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 [x] Yes [] No (Attach Additional Sheets)
Samples Sent to Geological Survey [x] Yes [] No
Cores Taken [] Yes [x] No
Electric Log Run [x] Yes [] No (Submit Copy)

[x] Log Formation (Top), Depth and Datum [] Sample
Name Top Datum

List All E. Logs Run:
ELI: CDL/CNL/PE; DIL; MEL; Sonic

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CASING RECORD table with columns: Purpose of String, Size Hole Drilled, Size Casing Set (In O.D.), Weight Lbs. / Ft., Setting Depth, Type of Cement, # Sacs Used, Type and Percent Additives. Includes data for Surface string.

ADDITIONAL CEMENTING / SQUEEZE RECORD table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives.

PERFORATION RECORD - Bridge Plugs Set/Type table with columns: Shots Per Foot, Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used), Depth.

TUBING RECORD table with columns: Size, Set At, Packer At, Liner Run, Date of First, Resumerd Production, SWD or Enhr., Producing Method, 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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ORIGINAL

ATTACHMENT TO ACO-1
Well Completion Form

Mull Drilling Company, Inc.
Dowd #2-9
48' N & 100 W of SE SW NE 9-17S-28W
Lane Co., Kansas
API #: 15-101-21834

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LOG TOPS

<u>FORMATION</u>	<u>DEPTH</u>	<u>SUBSEA</u>
Anhydrite	2152	+ 622
B/Anhydrite	2184	+ 590
Heebner	3934	- 1160
Lansing	3969	- 1195
Stark	4231	- 1457
Ft Scott	4477	- 1703
Mississippi	4571	- 1797
LTD	4629	
RTD	4630	

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ALLIED CEMENTING CO., INC

18254

ORIGINAL

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

SERVICE POINT:

Class City

DATE <i>3-11-04</i>	SEC. <i>9</i>	TWP. <i>17</i>	RANGE <i>28</i>	CALLED OUT <i>4:15 PM</i>	ON LOCATION <i>6:15 PM</i>	JOB START <i>7:30 PM</i>	JOB FINISH <i>8:00 PM</i>
BASE <i>Dowd</i>		WELL # <i>2-9</i>	LOCATION <i>S 8 1/2 N 1/4 E, 1/4 S, 1E, S 2 1/2 W</i>	COUNTY <i>Lane</i>	STATE <i>Ks</i>		
LD OR <input checked="" type="radio"/> NEW (Circle one)				KCC			

CONTRACTOR *Dowd #4*

TYPE OF JOB *Surface*

JOB SIZE *12 1/4" I.D. 278'*

PLACING SIZE *8 1/8" 25# DEPTH 222'*

PIPE SIZE DEPTH

RILL PIPE DEPTH

COL DEPTH

RES. MAX MINIMUM

EAS. LINE SHOE JOINT

CEMENT LEFT IN CSG *15'*

TRFS.

DISPLACEMENT *16 1/2 bbls*

EQUIPMENT

PUMP TRUCK CEMENTER *Terrell*

224 HELPER *James W*

ULK TRUCK

360 DRIVER *Steve T*

ULK TRUCK DRIVER

OWNER *Same* JUN 07 2004

CEMENT CONFIDENTIAL

AMOUNT ORDERED *175 cu yds 79 30 39 cc*

270 cu yds

COMMON	<i>123 cu yds</i>	@ <i>7.15</i>	<i>879.45</i>
POZMIX	<i>52 cu yds</i>	@ <i>3.80</i>	<i>197.60</i>
GEL	<i>3 cu yds</i>	@ <i>10.00</i>	<i>30.00</i>
CHLORIDE	<i>5 cu yds</i>	@ <i>30.00</i>	<i>150.00</i>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<i>180 cu yds</i>	@ <i>1.15</i>	<i>207.00</i>
MILEAGE	<i>180 mi @ .05</i>	<i>.42</i>	<i>378.00</i>
TOTAL			<i>1842.05</i>

REMARKS:

on 322' of 8 1/8" pipe. Break circulation. mixed 175 cu yds 79 30 39 cc, 270 cu yds. Demand Plug. Displaced with fresh cement.

Cement did circulate

1 1/2 hours

SERVICE

DEPTH OF JOB *278'*

PUMP TRUCK CHARGE *520.00*

EXTRA FOOTAGE *42* @ *3.50* *147.00*

MILEAGE *93% modern* @ *4.50* *450.00*

CHARGE TO: *Mull Ind*

FREE T

CITY STATE ZIP

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TOTAL *712.00*

KCC WICHITA

PLUG & FLOAT EQUIPMENT

MANIFOLD @

@

@

@

@

TOTAL

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 *X Rich Wheeler*

X Rich Wheeler
PRINTED NAME

ALLIED CEMENTING CO., INC. 18260

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ORIGINAL

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

JUN 07 2004

SERVICE POINT:

MT Record

DATE <u>3-26-04</u>	SEC <u>9</u>	TWP. <u>12</u>	RANGE <u>28</u>	CALLED OUT <u>10:00 PM</u>	ON LOCATION <u>2:30 AM</u>	JOB START <u>2:45 AM</u>	JOB FINISH <u>5:00 AM</u>
LEASE <u>Dowd</u>			WELL # <u>2-9</u>	LOCATION <u>Shilda 1E, 12S, 1E, 5/5</u>		COUNTY <u>Lawrence</u>	STATE <u>Ks</u>

CONTRACTOR Nache #4

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8" ND. 4 1/2"

CASING SIZE DEPTH

TUBING SIZE DEPTH

DRILL PIPE 4 1/2" DEPTH 2200'

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER Sarce

CEMENT

AMOUNT ORDERED 255 lbs 60/40 690 lbs

14 #10 cement

COMMON	<u>153 Mt</u>	@	<u>7.15</u>	<u>1093.95</u>
POZMIX	<u>102 Mt</u>	@	<u>3.80</u>	<u>387.60</u>
GEL	<u>13 Mt</u>	@	<u>10.00</u>	<u>130.00</u>
CHLORIDE		@		
ASC		@		
<u>Tru Seal 54"</u>		@	<u>1.40</u>	<u>75.10</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>270 Mt</u>	@	<u>1.15</u>	<u>310.50</u>
MILEAGE	<u>270 Mt</u>	@	<u>42</u>	<u>567.00</u>
TOTAL				<u>2344.15</u>

EQUIPMENT

PUMP TRUCK CEMENTER Tom D

120 HELPER Don Dimmitt

BULK TRUCK

DRIVER

BULK TRUCK

DRIVER

REMARKS:

Mixed - 50 lbs @ 2200'

80 lbs @ 1300'

50 lbs @ 650'

50 lbs @ 300'

10 lbs @ 40'

15 lbs in Rattle

SERVICE

DEPTH OF JOB 2200'

PUMP TRUCK CHARGE 630.00

EXTRA FOOTAGE @

MILEAGE 42 @ 3.50 147.00

@

@

@

CHARGE TO: Mull Dalg

STREET _____

CITY _____ STATE _____ ZIP _____

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KCC WICHITA PLUG & FLOAT EQUIPMENT

TOTAL 777.00

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.

MANIFOLD @

0000000000 @

@

@

@

TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Rich Wheeler

Rich Wheeler
PRINTED NAME