

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

Operator: License # 5144
Name: Mull Drilling Company, Inc.
Address: P.O. Box 2758
City/State/Zip: Wichita KS 67201-2758
Purchaser: Link
Operator Contact Person: Mark Shreve
Phone: (316) 264-6366
Contractor: Name: Pickrell Drilling Company, Inc.
License: 5123
Wellsite Geologist: Roger Martin

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DEC 03 2003

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

KCC WICHITA

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>9/3/03</u>	<u>9/16/03</u>	<u>9/26/03</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 101-21820-00-00
County: Lane
SE NE NE Sec. 9 Twp. 17 S. R. 28 East West
1270 feet from S (N) (circle one) Line of Section
200 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 #: 1-9
Field Name: Shields

Producing Formation: LKC/Marmaton
Elevation: Ground: 2761' Kelly Bushing: 2766'
Total Depth: 4650' Plug Back Total Depth: 4592'
Amount of Surface Pipe Set and Cemented at 316 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2174 Feet
If Alternate II completion, cement circulated from 2174'
feet depth to surface w/ 220 sx cmt.

Drilling Fluid Management Plan ALT II WSW
(Data must be collected from the Reserve Pit) 2-28-07
Chloride content _____ 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.: _____

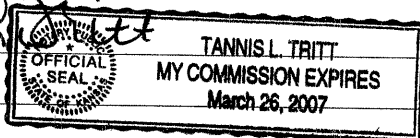
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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: _____
Title: Mark A. Shreve, President/COO Date: 12/1/03

Subscribed and sworn to before me this 1st day of December, 2003.

Notary Public: Tannis L. Tritt
Date Commission Expires: _____



KCC Office Use ONLY

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

X

Operator Name: Mull Drilling Company, Inc. Lease Name: Dowd Well #: 1-9
 Sec. 9 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: ELI: CDL/CNL/PE; Sonic; Micro; DIL	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See Attachment
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CASING RECORD <input 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	# Sacs Used	Type and Percent Additives
Surface-new	12 1/4"	8 5/8"	20#	316' KB	70/30	195	3% cc, 2% gel
Production-used	7 7/8"	5 1/2"	14#	4642'	Standard	200	5% calseal +
			10% salt	+	+ .5% Halad	+	1/4#/sk flocele

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
4	4396'-4400'; 4376' - 4382' and 4282' - 4290' (9/19/03)	500 gal 15% MCA + 2000 gal 15% Ne	
4	4214' - 4220' (9/24/03)	500 gal 15% MCA	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8"	4584'			
Date of First, Resumerd Production, SWD or Enhr.			Producing Method			
9/26/03			<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	
	72	0	22		38.78	

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

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

**Mull Drilling Company, Inc.
Dowd #1-9
SE NE NE Section 9-17S-28W
Lane Co., KS
API: 15-101-21820**

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KCC WICHITA**

<u>FORMATION</u>	<u>DEPTH</u>	<u>SUBSEA</u>
Anhydrite	2150	+ 616
B/Anhydrite	2181	+ 584
Heebner	3940	-1174
Toronto	3960	-1194
Lansing	3975	-1209
Muncie Creek	4145	-1379
"J" Zone	4214	-1448
Stark Shale	4233	-1467
"K" Zone	4240	-1474
Hushpuckney	4267	-1501
"L" Zone	4280	-1514
B/KC	4313	-1547
Marmaton A	4334	-1568
Altamont	4360	-1594
Altamont C1	4377	-1611
Pawnee	4425	-1659
Myrick Stat	4457	-1691
Fort Scott	4482	-1716
Cherokee	4507	-1741
Johnson Zone	4546	-1780
B/Penn LS &	4557	-1791
Miss (St. Louis)	4576	-1810
Spergen (?)	4601	-1835
RTD	4650	-1884
LTD	4654	-1888

SWIFT SERVICES, INC.

PO BOX 466

NESS CITY, 67560-0466

Invoice

DATE	INVOICE #
9/16/03	5892

RECEIVED
NOV - 5 2003

BILL TO
Mull Drilling Co. Inc. PO Box 393 Cheyenne Wells, CO 80810

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DEC 03 2003
KCC WICHITA

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Operator	Job Purpose
Net 30	1-9	Dowd	Lane	Pickrell Drilling	Oil	Development	Wayne	5 1/2" Longst...

PRICE REFERE...	DESCRIPTION	QTY	UNIT PRICE	AMOUNT
575D	Milage	40	2.50	100.00
578D	Pump Service	1	1,200.00	1,200.00
280	Flocheck 21	1,000	1.50	1,500.00T
410-5	Top Plug	1	50.00	50.00T
416-5	Bottom Plug	1	75.00	75.00T
400-5	5 1/2" Guide Shoe	1	100.00	100.00T
415-5	Insert Float Collar w/ Fill Up	1	225.00	225.00T
402-5	5 1/2" Centralizers	14	44.00	616.00T
403-5	5 1/2" Cement Basket	1	125.00	125.00T
404-5	5 1/2" Port Collar	1	1,500.00	1,500.00T
413-5	Roto Wall Scratchers	30	30.00	900.00T
193	Rotating Head	1	150.00	150.00T
325	Cement	200	7.00	1,400.00T
284	Calseal	9	25.00	225.00T
283	Salt	1,000	0.15	150.00T
286	Halad-1	94	5.25	493.50T
276	Flocele	50	0.90	45.00T
581D	Service Charge Cement	200	1.00	200.00
583D	Drayage	416.88	0.85	354.35
	Subtotal			9,408.85
	Sales Tax		5.30%	400.39

PAID
NOV - 6 2003

RECEIVED
OCT 27 2003
MULL DRILLING CO.
CHEYENNE WELLS, CO.

203
11-30-03
Jim Chamber

Thank you for your business. Total \$9,809.24

SWIFT SERVICES, INC.

PO BOX 466
 NESS CITY, 67560-0466

Invoice

RECEIVED

DEC 03 2003

KCC WICHITA

DATE	INVOICE #
9/18/03	5896

BILL TO
Mull Drilling Co. Inc. PO Box 393 Cheyenne Wells, CO 80810

RECEIVED
 NOV - 5 2003

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Operator	Job Purpose
Net 30	1-9	Dowd	Lane	Co Tools	Oil	Development	Wayne	Cement Port ...

PRICE REFERE...	DESCRIPTION	QTY	UNIT PRICE	AMOUNT
575D	Milage	40	2.50	100.00
577D	Pump Service	1	750.00	750.00
105	Port Collar Opening Tool	1	400.00	400.00T
330	Swift Multi-Density	220	9.75	2,145.00T
276	Flocele	63	0.90	56.70T
581D	Service Charge Cement	250	1.00	250.00
583D	Drayage	499.26	0.85	424.37
	Subtotal			4,126.07
	Sales Tax		5.30%	137.89

PAID
 NOV - 6 2003

#203
 11-30-03
Jim Cromb

RECEIVED
 OCT 27 2003

MULL DRILLING CO
 CHEYENNE WELLS, CO.

Thank you for your business.	Total	\$4,263.96
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SWIFT SERVICES, INC.

SWI 110

Invoice

PO BOX 466
NESS CITY, 67560-0466

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DEC 03 2003

KCC WICHITA

DATE	INVOICE #
9/19/03	5922

BILL TO
Mull Drilling Co. Inc. PO Box 393 Cheyenne Wells, CO 80810

NOV - 5 2003

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Operator	Job Purpose
Net 30	1-9	Dowd	Lane	Co Tools	Oil	Development	Ted	Tool job

PRICE REFERE...	DESCRIPTION	QTY	UNIT PRICE	AMOUNT
100	Milage	50	1.00	50.00T
101	Service Packer Rental	1	750.00	750.00T
102	Retrievable Bridge Plug	1	700.00	700.00T
106	Operator's Charge 9-23-03	1	300.00	300.00T
106	Operator's Charge 9-24-03	1	300.00	300.00T
106	Operator's Charge 9-25-03	1	300.00	300.00T
	Subtotal			2,400.00
	Sales Tax		5.30%	127.20

PAID

NOV - 6 2003

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OCT 27 2003

MULL DRILLING CO.
CHEYENNE WELLS, CO.

*#226
11-30-03
Jim Crumb*

Thank you for your business.

Total

\$2,527.20

SWIFT SERVICES, INC.

PO BOX 466

NESS CITY, 67560-0466

Invoice

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NOV - 5 2003

DATE	INVOICE #
9/22/03	6054

BILL TO
Mull Drilling Co. Inc. PO Box 393 Cheyenne Wells, CO 80810

RECEIVED
DEC 03 2003
KCC WICHITA

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Operator	Job Purpose
Net 30	1-9	Dowd	Lane	Co Tools	Oil	Development	Ted	Treat perfs
PRICE REFERE...	DESCRIPTION				QTY	UNIT PRICE	AMOUNT	
500D	Milage				50	2.50	125.00	
501D	Acid Pump Charge				1	550.00	550.00	
303 - 15%	MCA Acid				500	1.05	525.00	
235	INH. 1				1	36.00	36.00	
	9-23-03					0.00	0.00	
500D	Milage				50	2.50	125.00	
501D	Acid Pump Charge				1	550.00	550.00	
300 - 15%	Regular Acid				1,000	0.80	800.00	
235	INH. 1				1	36.00	36.00	
230	Surf-3				4	25.00	100.00	
221	Liquid KCL				4	19.00	76.00	
500D	Milage				50	2.50	125.00	
501D	Acid Pump Charge				1	550.00	550.00	
303 - 15%	MCA Acid				500	1.05	525.00	
235	INH. 1				1	36.00	36.00	
	Subtotal						4,159.00	
	Sales Tax					5.30%	0.00	
<p>#209 11-30-03 <i>Jim Cramble</i></p> <p>PAID NOV - 6 2003</p> <p>RECEIVED OCT 27 2003</p> <p>MULL DRILLING CO. CHEYENNE WELLS, CO.</p>								
Thank you for your business.							Total	\$4,159.00

0652
15-3874

ALLIED CEMENTING CO., INC. 12754

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:

Ass City

DATE <i>9-9-03</i>	SEC. <i>9</i>	TWP. <i>17</i>	RANGE <i>29 W</i>	CALLED OUT <i>4:00 pm</i>	ON LOCATION <i>6:30 pm</i>	JOB START <i>11:00 am</i>	JOB FINISH <i>11:15</i>	
LEASE <i>Down</i>			WELL # <i>1-9</i>	LOCATION <i>Bordenis - 2 west - 2 south</i>	COUNTY <i>LANE</i>	STATE <i>KS</i>		
OLD OR <u>NEW</u> (Circle one)			<i>3 west - 1/4 south</i>					

CONTRACTOR _____
 TYPE OF JOB *Surface Pipe*
 HOLE SIZE *12 1/4* I.D. *321*
 CASING SIZE *8 5/8* DEPTH *321*
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. *approx 15'*
 PERFS. _____
 DISPLACEMENT *20 B.B.'s*

OWNER *Mull Delg. Co.*
 CEMENT
 AMOUNT ORDERED *195.5x 10/100 342*

EQUIPMENT
 PUMP TRUCK CEMENTER *Jack*
 # *224* HELPER *Ton*
 BULK TRUCK
 # *260* DRIVER *Don*
 BULK TRUCK
 # _____ DRIVER _____

COMMON	<i>137 cu ft.</i>	@ <i>7.15</i>	<i>979.55</i>
POZMIX	<i>58 cu ft.</i>	@ <i>3.80</i>	<i>220.40</i>
GEL	<i>3 cu ft.</i>	@ <i>10.00</i>	<i>30.00</i>
CHLORIDE	<i>10 cu ft.</i>	@ <i>18.00</i>	<i>180.00</i>
		@	
		@	
		@	
		@	
HANDLING	<i>204 cu ft.</i>	@ <i>1.15</i>	<i>234.60</i>
MILEAGE	<i>204 mi. CS</i>	@ <i>1.90</i>	<i>407.60</i>

RECEIVED
 DEC 03 2003
 TOTAL *2052.55*

REMARKS:

*Ran 7 hrs of 8 5/8 csg. cement with
 195.5x cement. Displace plug with
 20 B.B.'s of Fresh Water. Cement
 did cure.*

KCC WICHITA SERVICE

DEPTH OF JOB	<i>321'</i>		
PUMP TRUCK CHARGE			<i>50.00</i>
EXTRA FOOTAGE	<i>21</i>	@ <i>5.00</i>	<i>10.50</i>
MILEAGE	<i>40</i>	@ <i>3.50</i>	<i>140.00</i>
PLUG <i>1-8 5/8 4000</i>		@ <i>45.00</i>	<i>45.00</i>
		@	
		@	
TOTAL			<i>715.⁵⁰</i>

CHARGE TO: *Mull Delg. Co.*
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

 @ _____
 @ _____
 @ _____
 @ _____
 @ _____

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.

TOTAL *0859.⁵⁰*

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

SIGNATURE *Mike Kern*

MIKE KERN
 PRINTED NAME