

KCC
OCT 01 2003

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM

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FROM
CONFIDENTIAL

Form ACO-1
September 1999
Form Must Be Typed

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WELL HISTORY - DESCRIPTION OF WELL & LEASE

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ORIGINAL

Operator: License # 5144
Name: Mull Drilling Company, Inc.
Address: P.O. Box 2758
City/State/Zip: Wichita KS 67201-2758
Purchaser: EOTT
Operator Contact Person: Mark Shreve
Phone: (316) 264-6366
Contractor: Name: Sterling Drilling Company
License: 5142
Wellsite Geologist: Roger Martin

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. _____

6/11/03 6/23/03 7/2/03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 185-23186
County: Stafford Approx 145' S of _____
S/2 S/2 SW NE Sec. 23 Twp. 21 S. R. 13 East West
2620 feet from S N (circle one) Line of Section
1980 feet from E W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Hall Well #: 1-23
Field Name: Wildcat
Producing Formation: Arbuckle
Elevation: Ground: 1867 Kelly Bushing: 1876
Total Depth: 3810 Plug Back Total Depth: 3754
Amount of Surface Pipe Set and Cemented at 376 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 Plan

(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used Hauled offsite
Location of fluid disposal if hauled offsite: _____
Operator Name: Paul's Oilfield Service
Lease Name: Stargel #2 SWD License No.: 31085
Quarter _____ Sec. 4 Twp. 22 S. R. 12 East West
County: Stafford Docket No.: D-21908

Att: ua

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: _____

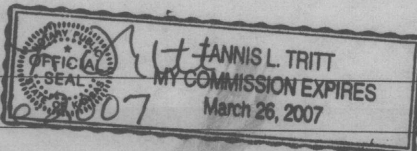
Title: President/COO Date: 10/1/03

Subscribed and sworn to before me this 1st day of October

20 03

Notary Public: Jannis L. TRITT

Date Commission Expires: 3-26-2007



KCC Office Use ONLY

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

X

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Side Two

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ORIGINAL

Operator Name: Mull Drilling Company, Inc. Lease Name: Hall Well #: 1-23
Sec. 23 Twp. 21 S. R. 13 East West County: Stafford **CONFIDENTIAL**

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.

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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)

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

List All E. Logs Run:

ELI: CNL/CDL PE; DIL; MEL & Sonic

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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"	24#	376'	70/30 poz	310	3% cc, 2% gel
Production-Used	7 7/8"	5 1/2"	17#	3808'	A Serv Lite	50	65% Class A +
35% Poz + 6%	gel.	Then	pumped		50/50 poz	125	1% floblok 210+

.1% DeFoamer, + 6% Calset + 4% Gel + 2% 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
4	3684' - 3686' (6/27/03)	7/15/03: 250 gal 20% MCA	
4	3686' - 3692' (9/3/03)	7/30/03: 250 gal 20% MCA	
4	3660' - 3674' (9/5/03)	8/11/03: 1000 gal 20% DSFE	
		9/4/03: 200gal 15% acid + 800gal 20% MCA	
		9/9/03: 1000 gal 20% MCA	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 7/8"	3732'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
7/2/03	<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
	13	0	64	N/A	36.4

Disposition of Gas **METHOD OF COMPLETION** Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, Submit ACO-18.) Other (Specify)

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ATTACHMENT TO ACO-1
Well Completion Form

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Mull Drilling Company, Inc.
Hall #1-23
Approx 145' S of S/2 S/2 SW NE 23-21S-13W
Stafford County, Kansas
API #: 15-185-23186

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LOG TOPS

<u>FORMATION</u>	<u>DEPTH</u>	<u>SUBSEA</u>
T/Stone Corral	723	+1153
B/Stone Corral	744	+1132
Herington	1706	+170
Winfield	1765	+111
Towanda	1828	+ 48
Red Eagle	2300	- 424
Stotler	2599	- 723
Tarkio	2659	- 783
Howard	2807	- 931
Severy	2853	- 977
Heebner Shale	3170	-1294
Toronto	3189	-1313
Douglas	3203	-1327
Brown LS	3295	-1419
Lansing	3311	-1433
Muncie Creek	3430	-1554
Iola (H Zone)	3433	-1557
I Zone	3469	-1593
K Zone	3493	-1617
L Zone	3516	-1640
B/KC	3530	-1654
Conglomerate	3546	-1670
Viola	3567	-1691
Simpson	3590	-1714
Arbuckle	3646	-1770
LTD	3804	-1928
RTD	3810	-1934



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INVOICE NO.

FIELD ORDER

6381

Subject to Correction

Date	6-23-03	Lease	Hall wildcat	Well #	1-23	Legal	23-215-15w
Customer ID		County	Stafford	State	KS	Station	Pratt #KS
Depth		Formation	TP=3807' 17 pft	Shoe Joint			39.90
Casing	5 1/2	Casing Depth	3807	TD	3810	Job Type	wildcat long string New well
Customer Representative	Jim Crombie			Treater	D. Scott		

Mull Drilling Comp Inc

AFE Number	PO Number	Materials Received by	X Jim Crombie	RELEASED FROM ACCOUNTING
------------	-----------	-----------------------	---------------	--------------------------

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
204	125 ski	50-50 2oz Common	✓			
206	75 ski	A-Serv Lite	✓			
195	172 Lbs	FLA-322	✓			
311	632 lbs	Cal Set	✓			
320	214 lbs	Cmt Gel	✓			
243	18 lbs	Defoamer	✓			
310	214 lbs	Calcium Chloride	✓			
304	1000 gal	Super Flush II	✓			
191	1 ea	Guide Shoe 3 1/2 in	✓			
221	1 ea	Auto Fill Collar "	✓			
151	1 ea	Bottom Swiper Plug "	✓			
143	1 ea	Top Swiper Plug "	✓			
101	11 ea	Centralizers "	✓			
292	29 CG	Rotating Scratchers 145 ft	✓			
107	200 ski	Cmt Serv Chg				
100	1 ea	UNITS /way MILES 45				
104	387 tm	TONS /way MILES 45				
208	1 ea	EA 3501-4000' PUMP CHARGE				
101	1 ea	Cmt Head Rental				
102	1 ea	Csg Swivel Rental				
Discounted Price = 7803.17						

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0244 NE Hiway 61 - P.O. Box 8613 - Pratt, KS 67124-8613 - Phone (620) 672-1201 - Fax (620) 672-5383

TOTAL

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TREATMENT REPORT

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Customer ID CONFIDENTIAL Date CONFIDENTIAL

Customer Mull Drly 6-23-03

Lease Hall wildcat Lease No. Well # 1-23

Field Order # 6381 Station Pratt KS Casing 5 1/2 Depth County Stafford State KS

Job Type Longstring New well wildcat Formation Legal Description 23-215-13a

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size	Shots/Ft Lead 12.0ppg	1.8 ¹³	Acid 125skt Alite 19% FLA-322	1.8 ¹³	RATE 322	PRESS 1500	ISIP
Depth 767	Depth PBD	From	To	Pre Pad 50-50 pps 620cc/lot 1%	Max FLA-322	2500	5 Min.	
Volume 37.3	Volume	Tail From 13.7ppg	To 1.54 ¹³	Pad 4906cc/Total 2% CC	Min		10 Min.	
Max Press 1500	Max Press	From	To	Frac 24+34.2 = 58.2	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To	1000 gal S.F.II	HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush H2O	Gas Volume		Total Load	

Customer Representative Jim Crombie Station Manager Dave Autry Treater D. Scott

Service Units 105 27 36 70

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
400					On Lpc w/Trki Safety mtg Guide Shoe Bottom F.C. Top S. J. Cent 1-2-3-4-6-7-8-9-10-11-12 Scratcher 2-3-4-9-12 Jti Csg on Bottom Drop Ball & Line w/Rig Rotate Csg & Cond. mud
903	200		5	6	H2O Spacer
1904	2000				psi Test to 2500#
1906	200		24	6	St Super Flash II
1910	200		5	6	H2O Spacer & Drop Bottom Plug Load Tap
1920	250		16	6	Mix Lead Cmt @ 12.0ppg 60 skt
1927	250		34.2	6	Mix Tail Cmt @ 13.6ppg 125 skt
1936	0		10	5	Close In & Wash Pump & line Release Top 5 wiper Plug
1937	100			6	St Disp w/H2O
1946	300			5	Lifting Cmt 60 Bbl out Plug Down & psi Test Csg 400# Drop 2 min repressure 1500# 400# Drop 1 min repressure Plug Release D. Sferetel & Close In w.H.

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • Phone (620) 672-1201 • Fax (620) 672-5383

ALLIED CEMENTING CO., INC. 13074

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Federal Tax I.D.#

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

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SERVICE POINT:

DATE 6-26-03	SEC. 23	TWP. 21	RANGE 13	CALLED OUT 4:00 PM	CONFIDENTIAL	FINISH 5:15 PM	JOB START 7:15 AM	JOB END
EASE <u>Hall</u>	WELL # <u>M-1-23</u>	LOCATION <u>Eastern - Stafford county line</u>		COUNTY <u>Stafford</u>	STATE <u>Kansas</u>			
OLD OR NEW (Circle one)		REMARKS: <u>3 south, 2 east, 1/2 south, west into</u>						

CONTRACTOR Starling Drilling
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 376'
 CASING SIZE 8 3/8 24" DEPTH 380'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 RES. MAX MINIMUM ✓
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15'
 PERFS.
 DISPLACEMENT ✓ 22" BBLs
 EQUIPMENT
 PUMP TRUCK CEMENTER Starling
 181 HELPER Burman
 BULK TRUCK DRIVER Steve Turley
 344 DRIVER
 BULK TRUCK DRIVER

OWNER Mull
 CEMENT
 AMOUNT ORDERED 310 cu yd 70/30 pmx 10
2% gel 3% cc
 COMMON 2 1/4" 21" 7.15
 POZ MIX 93 cu 3.00
 GEL 6 cu 10.00
 CHLORIDE 10 cu 3.00
 HANDLING 326 cu 1.15
 MILEAGE 326 mi 0.15

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REMARKS:
NEW
Ran 8 3/8 casing to bottom,
Cement with 310 cu yd 70/30 pmx
2% GEL 3% CC. Shut down, change
valves over on manifolds, release 8 3/8
TWP 6 displac down casing with 22"
BBLs fresh H₂O. Cement did
circulate, (cobbles cement.)

DEPTH OF JOB 380'
 PUMP TRUCK CHARGE
 EXTRA FOOTAGE 80' @ 50
 MILEAGE 14 @ 50
 FLUG / 8 3/8 TWP @ 450
 TOTAL 610

CHARGE TO Mull Drilling Co
 STREET PO Box 2758
 CITY Wichita STATE Kansas ZIP 67201-2758

Thank you!

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 [Signature]

FLOAT EQUIPMENT
 TOTAL

TAX
 TOTAL CHARGE [Signature]
 DISCOUNT [Signature] IF PAID IN ADVANCE
 PRINTED NAME GARY PUGH