

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

8/13/12

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5144
Name: Mull Drilling Company, Inc.
Address 1: 1700 N. Waterfront Parkway, Building #1200
Address 2: _____
City: Wichita State: KS Zip: 67206 + 6637
Contact Person: Mark Shreve
Phone: (316) 264-6366
CONTRACTOR: License # 33575
Name: WW Drilling, LLC
Wellsite Geologist: Kevin Kessler
Purchaser: N/A

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Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., 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 Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

RECEIVED
AUG 16 2010
KCC WICHITA

5/10/10	5/16/2010	5/16/2010
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 165-21882-00-00

Spot Description: _____

SE SE SW NE Sec. 22 Twp. 18 S. R. 20 East West

2,502 Feet from North / South Line of Section

1,398 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Rush

Lease Name: Showalter "A" Well #: 1-22

Field Name: Wildcat

Producing Formation: N/A

Elevation: Ground: 2060' Kelly Bushing: 2065'

Total Depth: 4110' Plug Back Total Depth: N/A

Amount of Surface Pipe Set and Cemented at: 1291' 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: 55,000 ppm Fluid volume: 1200 bbls

Dewatering method used: Hauled offsite

Location of fluid disposal if hauled offsite: _____

Operator Name: American Warrior

Lease Name: Jensen SWD License #: 4058

Quarter _____ Sec. 27 Twp. 18 S. R. 21 East West

County: Ness Permit #: D-28-235

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.

AFFIDAVIT

I am the affiant and I hereby certify that 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: 8/13/10

KCC Office Use ONLY

Letter of Confidentiality Received

Date: 8/13/10 - 8/13/12

Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: NJ Date: 8/20/10

AA

AUG 13 2010

Operator Name: Mull Drilling Company, Inc.

Lease Name: Showalter "A" Well #: 1-22

Sec. 22 Twp. 18 S. R. 20 East West

County: Rush

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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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	1284	+ 781
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	B/Anhydrite	1317	+ 748
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heebner Shale	3500	- 1435
List All E. Logs Run:		Lansing	3544	- 1479
CDL/CNL/PE; DIL; MEL; Sonic		B/KC	3827	- 1762
		Cherokee Sand	3985	- 1920
		Mississippian	4032	- 1967

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	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	23#	1291'	Common	450	3% cc, 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ Plug Off Zone				

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

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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
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 3764

Date	Sec.	Twp.	Range	County	State	On Location	Finish
5-11-2010	22	18	20	Rush	Ks		8:00 AM
Lease	Shawalter A	Well No.	1-22	Location	Alexander, Ks - 2E, 1/4 N, W3	Into three	
Contractor	Wichita Rig #10			Owner	farmland		
Type Job	Long Surface			To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.			
Hole Size	12 1/4"		T.D.	1292'			
Csg.	8 3/8"		Depth	1291'			
Tbg. Size			Depth				
Tool			Depth				
Cement Left in Csg.	15.00		Shoe Joint	15.00			
Meas Line.			Displace.				

The above was done to satisfaction and supervision of owner agent or contractor.

CEMENT

EQUIPMENT			Amount Ordered
Pumptrk	No.	Cementer Helper	450 5x Common 3% Gel 2% Gel
Bulktrk	No.	Driver	Common 450 5x
Bulktrk	No.	Driver	Poz. Mix
Bulktrk	No.	Driver	Gel. 9 5x
Bulktrk	No.	Driver	Calcium 14 5x

JOB SERVICES & REMARKS

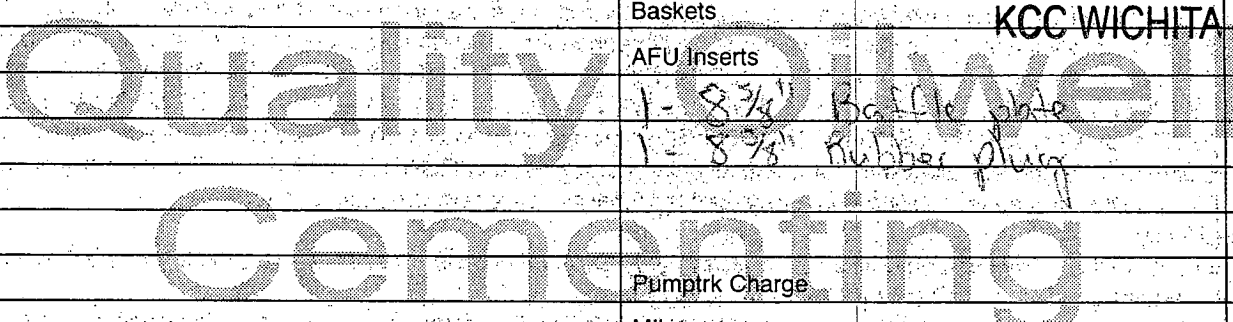
Remarks:
Cement did Circulate

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Handling	
Mileage	

FLOAT EQUIPMENT RECEIVED

Guide Shoe	
Centralizer	AUG 16 2010
Baskets	KCC WICHITA
AFU Inserts	
	1 - 8 3/8" metal plate
	1 - 8 3/8" Rubber plug



Pumptrk Charge	
Mileage	
Signature	<i>[Handwritten Signature]</i>

Tax	
Discount	
Total Charge	

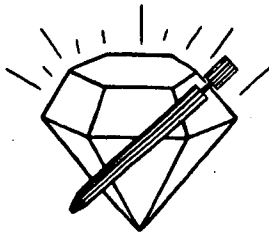
QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

Russell No. -3951

Date	5-16-10	Sec.	22	Twp.	18	Range	20	County	Rush	State	KS	On Location		Finish	1:45 PM
Lease	Shawalter "A"			Well No.	1-22			Location	Alexander 2E to 140R 1/4N W into						
Contractor	WW # 10							Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.						
Type Job	PTA							Charge To	Mull Drilling Company						
Hole Size	8 5/8			T.D.	4110			Street							
Csg.				Depth	1292			City	State						
Tbg. Size				Depth				The above was done to satisfaction and supervision of owner agent or contractor.							
Tool				Depth											
Cement Left in Csg.				Shoe Joint											
Meas Line				Displace				CEMENT							
EQUIPMENT								Amount Ordered	140sx 69 3/4 450 gel						
Pumptrk	9	No.	Cementer	NEAIE			Helper	Common							
Bulktrk	10	No.	Driver	CISCO			Driver	Poz. Mix							
Bulktrk	PU	No.	Driver	Brandon			Driver	Gel. KCC							
JOB SERVICES & REMARKS								Calcium	AUG 13 2010						
Remarks:								Hulls	CONFIDENTIAL						
1st plug @ 1320' mix 50sx								Salt							
2nd plug @ 530' mix 40sx								Flowseal							
3rd plug @ 60' mix 20sx									5 12' 12						
Regrade mix 30sx									1/2 1/4 SAT SAT						
								Handling							
								Mileage							
								FLOAT EQUIPMENT RECEIVED							
								Guide Shoe	AUG 16 2010						
								Centralizer	KCC WICHITA						
								Baskets							
								AFU Inserts							
Thank you!									1 - 8 5/8 wood plug						
								Pumptrk Charge							
								Mileage							
								Tax							
								Discount							
Signature: <i>Mull Drilling</i>								Total Charge							



DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30037.D097

Company Mull Drilling Company, Inc. Lease & Well No. Showalter "A" No. 1-22
Elevation 2065 KB Formation Cherokee Sand Effective Pay -- Ft. Ticket No. R097
Date 5-15-10 Sec. 22 Twp. 18S Range 20W County Rush State Kansas

Test Approved By Kevin L. Kessler Diamond Representative Randy Williams

Formation Test No. 1 Interval Tested from 3,950 ft. to 4,010 ft. Total Depth 4,010 ft.

Packer Depth 3,945 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,950 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,933 ft. Recorder Number 30037 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,007 ft. Recorder Number 13386 Cap. 3,875 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor WW Drilling, LLC - Rig 10 Drill Collar Length 125 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 59 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.4 Water Loss 10.2 cc. Drill Pipe Length 3,794 ft. I.D. 3 1/2 in.

Chlorides 8,800 P.P.M. Test Tool Length 31 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 1 Anchor Length 29' perf. w/31' drill pipe Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak blow building to 3/4 in. in 10 mins. No blow back during shut-in.

2nd Open: No blow. No blow back during shut-in.

Recovered 10 ft. of mud = .049200 bbls.

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: Oil specked mud

Time Set Packer(s) 4:00 ~~XXM.~~ P.M. Time Started Off Bottom 6:10 ~~XXM.~~ P.M. Maximum Temperature 109°

Initial Hydrostatic Pressure (A) 1919 P.S.I.

Initial Flow Period 10 Minutes (B) 14 P.S.I. to (C) 17 P.S.I.

Initial Closed In Period 30 Minutes (D) 281 P.S.I.

Final Flow Period 30 Minutes (E) 18 P.S.I. to (F) 20 P.S.I.

Final Closed In Period 60 Minutes (G) 67 P.S.I.

Final Hydrostatic Pressure (H) 1922 P.S.I.

DIAMOND TESTING

Page 2 of 2 Pages
Drill Test Report

General Information

Company Name MULL DRILLING

Contact MARK SHREVE
Well Name SHOWALTER # 1-22
Unique Well ID DST # 1 CHER, SAND 3950-4010
Surface Location SEC 22-18S-20W RUSH COUNTY
Field WILDCAT
Well Type Vertical

Job Number R097
Representative RANDY WILLIAMS
Well Operator MULL DRILLING
Report Date 2010/05/15
Prepared By RANDY WILLIAMS

Test Information

Test Type Drill Stem Test
Formation DST # 1 CHER,SAND 3950-4010
Well Fluid Type 01 Oil
Test Purpose (AEUB) Initial Test

Start Test Time 14:07:00
Final Test Time 19:55:00

Start Test Date 2010/05/15
Final Test Date 2010/05/15

Gauge Name 30037
Test Type Name

Test Results

RECOVERED: 10' MUD

TOTAL FLUID: 10'

TOOL SAMPLE: OIL SPECED MUD

MULL DRILLING
DST # 1 CHER, SAND 3950-4010
Start Test Date: 2010/05/15
Final Test Date: 2010/05/15

SHOWALTER # 1-22
Formation: DST # 1 CHER, SAND 3950-4010
Pool: WILDCAT
Job Number: R097

SHOWALTER # 1-22

