

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL  
AMENDED

Form ACO-1  
June 2009  
Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

7/22/10

OPERATOR: License # 31885  
Name: M & M Exploration, Inc.  
Address 1: 60 Garden Center, Suite 102  
Address 2: \_\_\_\_\_  
City: Broomfield State: CO Zip: 80020  
Contact Person: Mike Austin  
Phone: (303) 438-1991  
CONTRACTOR: License # 33350  
Name: Southwind Drilling LLC  
Wellsite Geologist: Mike Pollok  
Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well     Re-Entry     Workover  
 Oil     WSW     SWD     SIOW  
 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 #: \_\_\_\_\_

March 30, 2010    April 9, 2010    May 27, 2010  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 871 007-21674-00-00  
Spot Description: \_\_\_\_\_  
E/2 w/2 NE Sec. 26 Twp. 34 S. R. 5  East  West  
1,329 Feet from  North /  South Line of Section  
1,623 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Harper  
Lease Name: Sheen Well #: 1-26  
Field Name: \_\_\_\_\_  
Producing Formation: \_\_\_\_\_  
Elevation: Ground: 1189 Kelly Bushing: 1198  
Total Depth: 4963' Plug Back Total Depth: 4898'  
Amount of Surface Pipe Set and Cemented at: 346' 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 AHINS 9-1010  
(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: 225 bbls  
Dewatering method used: \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: Kerri Ann SWD License #: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. 5 Twp. 28N S. R. 5  
County: Grant Co., OK Permit #: \_\_\_\_\_

RECEIVED  
AUG 25 2010  
KCC WICHITA

**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: me n w t e  
Title: President Date: August 18, 2010

KCC Office Use ONLY

- Letter of Confidentiality Received  
Date: 8/23/10 - 8/23/11  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: NS Date: 8/10/10

Operator Name: M & M Exploration, Inc. Lease Name: Sheen Well #: 1-26  
 Sec. 26 Twp. 34 S. R. 5  East  West County: Harper

**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 <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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>Induction, Density-Neutron, Microlog, Sonic</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Heebner Shale</td> <td>3073</td> <td>-1875</td> </tr> <tr> <td>Cherokee Shale</td> <td>4252</td> <td>-3054</td> </tr> <tr> <td>Mississippian</td> <td>4472</td> <td>-3274</td> </tr> <tr> <td>Woodford</td> <td>4832</td> <td>-3634</td> </tr> <tr> <td>Simpson</td> <td>4898</td> <td>-3700</td> </tr> </table>	Name	Top	Datum	Heebner Shale	3073	-1875	Cherokee Shale	4252	-3054	Mississippian	4472	-3274	Woodford	4832	-3634	Simpson	4898	-3700
Name	Top	Datum																	
Heebner Shale	3073	-1875																	
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Woodford	4832	-3634																	
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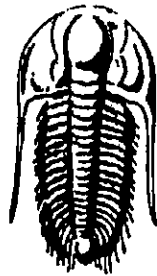
CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./ Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	23#	346'	60/40	230	3% cc, 2% gel
Production	7 7/8"	5 1/2"	17#	4938'	275	Class H	10% gyp, 10% salt
							6#kolseal, 1/4# flowseal

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
2	4765-4798	2500 gal 15% MCA	
		Frac w 5184 BW, 110,000# sand	

TUBING RECORD: Size: <u>2 7/8"</u> Set At: <u>4804'</u> Packer At: <u>None</u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR: <b>August 1, 2010</b>	Producing Method: <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. <u>40</u> Gas Mcf <u>0</u> Water Bbls. <u>110</u> Gas-Oil Ratio _____ Gravity _____

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4765-4798'</u>
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**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **M&M Exploration**

60 Garden Center  
Suite 102  
Broomfield, CO 80020

ATTN: Mike Pollok

**26-34s-5w Harber KS**

**Sheen #1-26**

Start Date: 2010.04.09 @ 11:02:00

End Date: 2010.04.09 @ 18:35:30

Job Ticket #: 36262                      DST #: 1

**KCC  
JUL 22 2010  
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JUL 26 2010**

**KCC WICHITA**

Trilobite Testing, Inc  
PO Box 1733 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

M&M Exploration

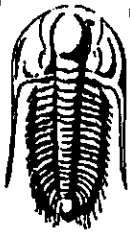
Sheen #1-26

26-34s-5w Harber KS

DST # 1

SIMPSON

2010.04.09



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

M&M Exploration  
60 Garden Center  
Suite 102  
Broomfield, CO 80020  
ATTN: Mike Folkok

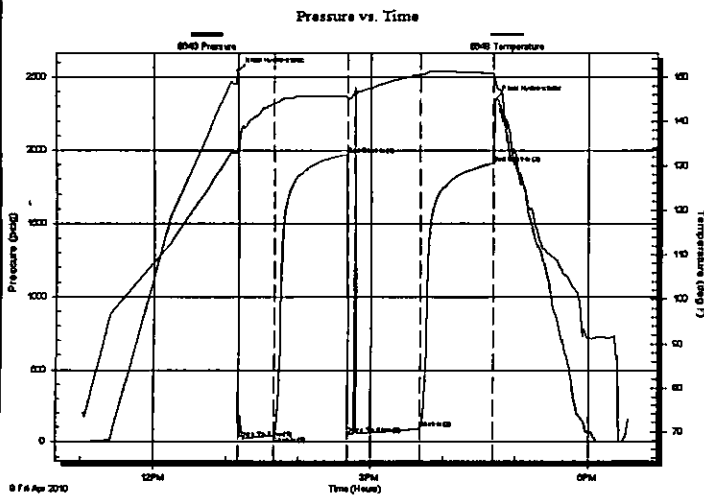
**Sheen #1-26**  
**26-34s-5w Harber KS**  
Job Ticket: 36262      DST#: 1  
Test Start: 2010.04.09 @ 11:02:00

## GENERAL INFORMATION:

Formation: **SIMPSON**  
Deviated: **No Whipstock**      ft (KB)  
Time Tool Opened: 13:10:50  
Time Test Ended: 18:35:30  
Interval: **4904.00 ft (KB) To 4917.00 ft (KB) (TVD)**  
Total Depth: **4917.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches**      Hole Condition: **Good**  
Reference Elevations:      1897.00 ft (KB)  
   1889.00 ft (CF)  
   KB to GR/CF:      8.00 ft

**Serial #: 8648**      **Inside**  
Press@RunDepth: **88.71 psig @ 4905.00 ft (KB)**      Capacity: **8000.00 psig**  
Start Date: **2010.04.09**      End Date: **2010.04.09**      Last Calib.: **2010.04.09**  
Start Time: **11:02:05**      End Time: **18:35:29**      Time On Btm: **2010.04.09 @ 13:09:40**  
   Time Off Btm: **2010.04.09 @ 16:43:09**

**TEST COMMENT:** IF: Weak blow, built to 4.75" in bucket.  
IS: Bled off, no blow back.  
FF: No blow, flushed tool, weak blow, built to 3.25" in bucket.  
FSI: Bled off, no blow back.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2542.72	133.41	Initial Hydro-static
2	22.94	133.09	Open To Flow (1)
32	44.73	144.00	Shut-In(1)
92	1971.59	145.71	End Shut-In(1)
92	51.28	144.88	Open To Flow (2)
152	88.71	150.58	Shut-In(2)
213	1912.07	150.88	End Shut-In(2)
214	2348.36	148.85	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
20.00	WCMw/trace show of oil 40%w 60%w	0.28
120.00	MCW 20%w 80%w	1.68
0.00	RW .08@75F =93,000ppm chlorides	0.00
0.00	No GIP	0.00

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcft/d)



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

M&M Exploration

**Sheen #1-26**

60 Garden Center  
Suite 102  
Broomfield, CO 80020  
ATTN: Mke Pollok

**26-34s-5w Harber KS**

Job Ticket: 36262      DST#: 1  
Test Start: 2010.04.09 @ 11:02:00

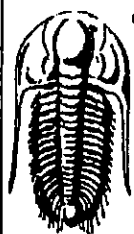
### Tool Information

Drill Pipe:	Length: 4890.00 ft	Diameter: 3.80 inches	Volume: 68.59 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 68.59 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4904.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	13.00 ft			
Tool Length:	43.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4879.00	
Sampler	2.00			4881.00	
Hydraulic tool	5.00			4886.00	
Jars	5.00			4891.00	
Safety Joint	3.00			4894.00	
Packer	5.00			4899.00	30.00      Bottom Of Top Packer
Packer	5.00			4904.00	
Stubb	1.00			4905.00	
Recorder	0.00	8648	Inside	4905.00	
Recorder	0.00	6799	Inside	4905.00	
Perforations	7.00			4912.00	
Bullnose	5.00			4917.00	13.00      Bottom Packers & Anchor

**Total Tool Length: 43.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

M&M Exploration

**Sheen #1-26**

60 Garden Center  
Suite 102  
Broomfield, CO 80020  
ATTN: Mike Pollok

**26-34s-5w Harber KS**  
Job Ticket: 36262      DST#: 1  
Test Start: 2010.04.09 @ 11:02:00

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	93000 ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.28 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7400.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	WOMw /trace show of oil 40%w 60%m	0.281
120.00	MCMV 20%m 80%w	1.683
0.00	RW .08@75F =93,000ppm chlorides	0.000
0.00	No GIP	0.000

Total Length: 140.00 ft      Total Volume: 1.964 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments: 10# LCM

