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JUL 14 2010

**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

KCC WICHITA

**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

7/13/12

OPERATOR: License # 9855  
Name: Grand Mesa Operating Company **CONFIDENTIAL**  
Address 1: 1700 N. Waterfront Pkwy, Bldg 600  
Address 2: \_\_\_\_\_  
City: Wichita State: KS Zip: 67206 + 5 5 1 4  
Contact Person: Ronald N. Sinclair  
Phone: (316) 265-3000  
CONTRACTOR: License # 30606  
Name: Murfin Drilling Co., Inc.  
Wellsite Geologist: Robert J. Petersen  
Purchaser: NCRA

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 #: \_\_\_\_\_

05/29/2010    06/05/2010    06/16/2010  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 135-25065-00-00  
Spot Description: 2935' FNL & 1051' FWL  
NW NE NW SW Sec. 36 Twp. 18 S. R. 22  East  West  
2,935 Feet from  North /  South Line of Section  
1,051 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW

County: Ness  
Lease Name: Foos Well #: 5-36

Field Name: Bazine Dry Creek  
Producing Formation: Mississippian

Elevation: Ground: 2148' Kelly Bushing: 2153'  
Total Depth: 4400' Plug Back Total Depth: 4388'

Amount of Surface Pipe Set and Cemented at: 34 Jts. @ 1410' 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** *ATTN*  
(Data must be collected from the Reserve Pit)

Chloride content: 14,700 ppm Fluid volume: 650 bbls  
Dewatering method used: Haul free fluids, remainder evaporate & backfill

Location of fluid disposal if hauled offsite:  
Operator Name: American Warrior, Inc.

Lease Name: Jensen SWD License #: 4058  
Quarter SE 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: James P. Reilly /James P. Reilly

Title: Director/Secretary Date: 07/13/10

**KCC Office Use ONLY**

Letter of Confidentiality Received  
Date: 7/13/10 - 7/13/12  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: NJS Date: 7/19/10

Operator Name: Grand Mesa Operating Company Lease Name: Foos Well #: 5-36 JUL 13 2010  
 Sec. 36 Twp. 18 S. R. 22  East  West County: Ness **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 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>DI Log, Comp. Density/Neutron PE Log, Dual Receiver Cement Bond Log</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: center;">Top</th> <th style="text-align: center;">Datum</th> </tr> </thead> <tbody> <tr><td>Stone Corral</td><td style="text-align: center;">1420</td><td style="text-align: center;">+ 733</td></tr> <tr><td>Heebner</td><td style="text-align: center;">3618</td><td style="text-align: center;">-1465</td></tr> <tr><td>Lansing</td><td style="text-align: center;">3663</td><td style="text-align: center;">-1510</td></tr> <tr><td>Stark</td><td style="text-align: center;">3898</td><td style="text-align: center;">-1745</td></tr> <tr><td>Pawnee</td><td style="text-align: center;">4069</td><td style="text-align: center;">-1916</td></tr> <tr><td>Ft Scott</td><td style="text-align: center;">4147</td><td style="text-align: center;">-1994</td></tr> <tr><td>Cherokee Shale</td><td style="text-align: center;">4166</td><td style="text-align: center;">-2013</td></tr> <tr><td>Mississippian Dol.</td><td style="text-align: center;">4237</td><td style="text-align: center;">-2084</td></tr> <tr><td>Mississippian Osg.</td><td style="text-align: center;">4240</td><td style="text-align: center;">-2087</td></tr> <tr><td>Gilmore City</td><td style="text-align: center;">4340</td><td style="text-align: center;">-2187</td></tr> <tr><td>LTD</td><td style="text-align: center;">4399</td><td></td></tr> </tbody> </table>	Name	Top	Datum	Stone Corral	1420	+ 733	Heebner	3618	-1465	Lansing	3663	-1510	Stark	3898	-1745	Pawnee	4069	-1916	Ft Scott	4147	-1994	Cherokee Shale	4166	-2013	Mississippian Dol.	4237	-2084	Mississippian Osg.	4240	-2087	Gilmore City	4340	-2187	LTD	4399	
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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"	24#	1410'	SMD	450	
Production	7 7/8"	5 1/2"	15.5#	4400'	EA-2	175	12bbls Mud Flush
							20bbls KCL Flush

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				<b>RECEIVED</b> <b>JUL 14 2010</b> <b>KCC WICHITA</b>

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
6	4239'-4254'		

TUBING RECORD: Size: <u>2 7/8"</u> Set At: <u>4486'</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>June 16, 2010</u>		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>137</u>	Gas Mcf <u>-0-</u> Water Bbls. <u>-0-</u> Gas-Oil Ratio <u>-0-</u> Gravity <u>39 deg.</u>

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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4239-4254'</u>
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JOB LOG

SWIFT Services, Inc.

DATE 30MAY10 PAGE NO.

CUSTOMER GRAND MESA WELL NO. LEASE FOODS 5-36 JOB TYPE CEMENT 8 5/8 TICKET NO. 17948

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2300							ON LOCATION
	0001							START PIPE IN WELL
								RTD @ 1410
								SET @ 1410 8 5/8 - 24"
								CENTRALIZERS 1, 15, 32
	0220							CIRCULATE.
	0245	6	12/20					PUMP MUD FLUSH / KCL FLUSH
	0252							MIX CEMENT.
		6	40					100 SKS @ 11.8 PPG
		6	57					150 SKS @ 12.5 PPG
		6	31					100 SKS @ 13.5 PPG
		6	26					100 SKS @ 14.5 PPG
	0323							DISPLACE CEMENT. RECEIVED
	0340	5	89			450		SHUT WELL IN. JUL 14 2010
								KCC WICHITA
	0345							WASH TRUCK UP.
	0415							JOB COMPLETE.
								THANKS #110
								JASON, ROGER, JASON F.

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JUL 13 2010  
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**JOB LOG**

**SWIFT Services, Inc.**

DATE 6-5-10 PAGE NO. 9

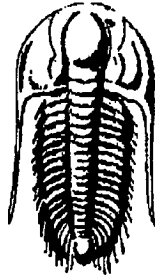
CUSTOMER Grand Mesa WELL NO. 5-36 LEASE 1-2005 JOB TYPE Chat Longstring TICKET NO. 17644

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		TD-4400' DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0130							On location w/ Float equip
	0380							Rig changing over to run casing Rig start 5 1/2" casing, 15.5 #/ft to 4402' Insert float shoe w/ Auto fill L.D. Baffle - 55 - 12' Cement 1 through 7 Cement Basket #2 Drop ball to its out
	0445							Casing on bottom - Tag
	0455							Rig start cir casing and Baffle Fin cir
	0510		7 5					Plug RH-30SKS cut MH 15SKS cut
		5 1/2	12				250	Pump 500gel Mural Flush
		5 1/2	20				350	Pump 20 BBI KCL Flush
		4 1/2					200	Start 130 SKS EA-2 cut
	0540		33				vac	Fin cut. Wash out Pump & lines Drop L.D. Plug.
	0543	8					250	Start Disp1
			80				300	Caught cut
		7	85				400	Slow rate
		6	95				500	Slow rate
	0557		104.5				750 1500	Plug Down - Release & Hold
	0600							Job complete Wash up & Pack up

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*Thanks*  
Alan, Doug & Blaine



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Grand Mesa Operating Company**

1700 N Water Front  
Pkwy Bldg 600  
Wichita KS 67206

ATTN: Ronald N sinclair

**36 18 22 Ness KS**

**Foos #5-36**

Start Date: 2010.06.03 @ 20:37:46

End Date: 2010.06.04 @ 06:16:46

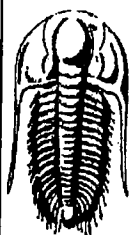
Job Ticket #: 38622                      DST #: 1

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**KCC WICHITA**

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Grand Mesa Operating Company

**Foos #5-36**

1700 N Water Front  
Pky Bldg 600  
Wichita KS 67206  
ATTN: Ronald N sinclair

**36 18 22 Ness KS**

Job Ticket: 38622 **DST#: 1**

Test Start: 2010.06.03 @ 20:37:46

## GENERAL INFORMATION:

Formation: **Miss**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 22:24:46

Time Test Ended: 06:16:46

Test Type: **Conventional Bottom Hole**

Tester: **Jeff Brown**

Unit No: **32**

Interval: **4165.00 ft (KB) To 4247.00 ft (KB) (TVD)**

Reference Elevations: **2153.00 ft (KB)**

Total Depth: **4247.00 ft (KB) (TVD)**

**2148.00 ft (CF)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

KB to GR/CF: **5.00 ft**

**Serial #: 8360**

**Inside**

Press@RunDepth: **620.24 psig @ 4171.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2010.06.03**

End Date: **2010.06.04**

Last Calib.: **2010.06.04**

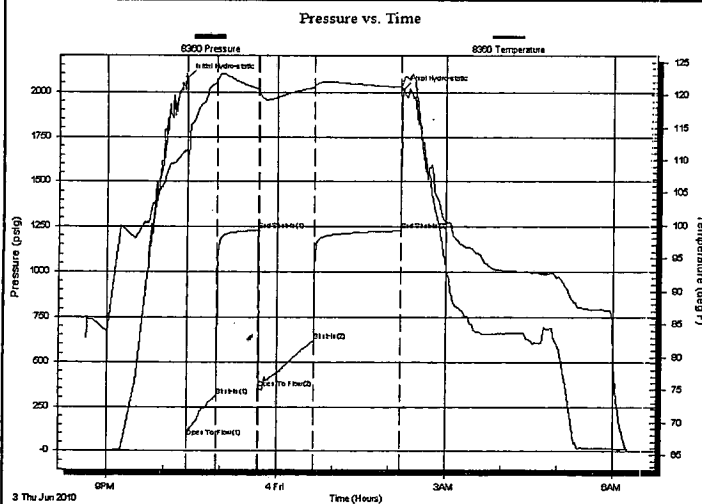
Start Time: **20:37:48**

End Time: **06:16:46**

Time On Btm: **2010.06.03 @ 22:24:36**

Time Off Btm: **2010.06.04 @ 02:13:46**

**TEST COMMENT:** IFF-Strong blow BOB in 3 1/2 min  
ISI-Weak blow back built to 1/4 in died out in 30 min  
FFP-Strong blow BOB in 3 1/2 min  
FSI-Weak blow back built to 1/2 in died out in 32 min



## PRESSURE SUMMARY

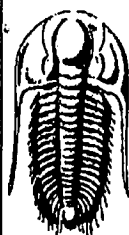
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2080.54	111.52	Initial Hydro-static
1	78.63	110.65	Open To Flow (1)
31	307.74	121.81	Shut-In(1)
76	1231.89	120.88	End Shut-In(1)
76	351.00	120.47	Open To Flow (2)
136	620.24	121.07	Shut-In(2)
228	1227.89	121.15	End Shut-In(2)
230	2016.25	121.79	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1457.00	Free Oil	19.34
155.00	MO15%MB5%O	2.17
0.00	403 GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Grand Mesa Operating Company

**Foos #5-36**

1700 N Water Front

**36 18 22 Ness KS**

Pkwy Bldg 600

Job Ticket: 38622

**DST#: 1**

Wichita KS 67206

ATTN: Ronald N Sinclair

Test Start: 2010.06.03 @ 20:37:46

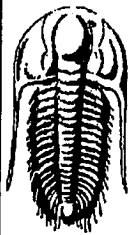
### Tool Information

Drill Pipe:	Length: 4023.00 ft	Diameter: 3.80 inches	Volume: 56.43 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 57.03 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4165.00 ft			Final 59000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	82.00 ft			
Tool Length:	110.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4138.00	
Shut In Tool	5.00			4143.00	
Hydraulic tool	5.00			4148.00	
Jars	5.00			4153.00	
Safety Joint	2.00			4155.00	
Packer	5.00			4160.00	28.00 Bottom Of Top Packer
Packer	5.00			4165.00	
Stubb	1.00			4166.00	
Perforations	4.00			4170.00	
Change Over Sub	1.00			4171.00	
Recorder	0.00	8360	Inside	4171.00	
Recorder	0.00	6755	Outside	4171.00	
Blank Spacing	62.00			4233.00	
Change Over Sub	1.00			4234.00	
Perforations	10.00			4244.00	
Bullnose	3.00			4247.00	82.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>110.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

FLUID SUMMARY

Grand Mesa Operating Company

**Foos #5-36**

1700 N Water Front

**36 18 22 Ness KS**

Rwy Bldg 600

Job Ticket: 38622

**DST#: 1**

Wichita KS 67206

ATTN: Ronald N sinclair

Test Start: 2010.06.03 @ 20:37:46

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

39 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 13.18 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm m

Gas Cushion Pressure:

psig

Salinity: 4100.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1457.00	Free Oil	19.336
155.00	MO15%/M85%O	2.174
0.00	403 GIP	0.000

Total Length: 1612.00 ft      Total Volume: 21.510 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



