

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
October 2008  
Form Must Be Typed

3/17/11

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

OPERATOR: License # 9855  
Name: Grand Mesa Operating Company  
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 Company, Inc.  
Wellsite Geologist: Robert J. Petersen  
Purchaser: NCRA  
Designate Type of Completion:  
 New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover  
 Oil \_\_\_\_\_ SWD \_\_\_\_\_ SLOW  
\_\_\_\_\_ Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW  
\_\_\_\_\_ CM (Coal Bed Methane) \_\_\_\_\_ Temp. Abd.  
\_\_\_\_\_ Dry \_\_\_\_\_ Other \_\_\_\_\_  
(Core, WSW, Expl., etc.)

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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  
\_\_\_\_\_ Plug Back: \_\_\_\_\_ Plug Back Total Depth  
\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Other (SWD or Enhr.?) \_\_\_\_\_ Docket No.: \_\_\_\_\_  
01/14/2010      01/21/2010      02/26/2010  
Spud Date or      Date Reached TD      Completion Date or  
Recompletion Date           Recompletion Date

API No. 15 - 135-24989-00-00  
Spot Description: 1326' FNL & 2053' FEL  
NE NW SW NE Sec. 36 Twp. 18 S. R. 22  East  West  
1326 Feet from  North /  South Line of Section  
2053 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Ness  
Lease Name: Foos Well #: 4-36  
Field Name: Wildcat  
Producing Formation: Mississippian  
Elevation: Ground: 2139 Kelly Bushing: 2150  
Total Depth: 4400 Plug Back Total Depth: 4375  
Amount of Surface Pipe Set and Cemented at: 33jts @ 1415' 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 3-23-10  
(Data must be collected from the Reserve Pit)  
Chloride content: 29,000 ppm Fluid volume: 1,000 bbls  
Dewatering method used: Haul free fluids. Free fluids evaporated in pit before well complete  
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: Ronald N. Sinclair  
Title: President Date: March 17, 2010

Subscribed and sworn to before me this 17th day of March,  
20 10.  
Notary Public: Phyllis E. Brewer /Phyllis E. Brewer  
Date Commission Expires: July 21, 2011

PHYLLIS E. BREWER  
Notary Public - State of Kansas  
My Appt. Expires 7/21/11

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Grand Mesa Operating Company Lease Name: Foos Well #: 4-36  
 Sec. 36 Twp. 18 S. R. 22  East  West County: Ness

**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: <b>DI Log, Compensated Den./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;"> <tr> <td style="width:60%;"></td> <td style="text-align: center;">Top</td> <td style="text-align: center;">Datum</td> </tr> <tr> <td>Stone Corral</td> <td style="text-align: right;">1408</td> <td style="text-align: right;">+ 742</td> </tr> <tr> <td>Heebner</td> <td style="text-align: right;">3628</td> <td style="text-align: right;">-1477</td> </tr> <tr> <td>Lansing</td> <td style="text-align: right;">3672</td> <td style="text-align: right;">-1522</td> </tr> <tr> <td>Stark</td> <td style="text-align: right;">3902</td> <td style="text-align: right;">-1752</td> </tr> <tr> <td>B/KC</td> <td style="text-align: right;">3963</td> <td style="text-align: right;">-1813</td> </tr> <tr> <td>Pawnee</td> <td style="text-align: right;">4048</td> <td style="text-align: right;">-1898</td> </tr> <tr> <td>Ft Scott</td> <td style="text-align: right;">4156</td> <td style="text-align: right;">-1997</td> </tr> <tr> <td>Cherokee Shale</td> <td style="text-align: right;">4173</td> <td style="text-align: right;">-2023</td> </tr> <tr> <td>Mississippian Osg.</td> <td style="text-align: right;">4243</td> <td style="text-align: right;">-2093</td> </tr> <tr> <td>Gilmore City</td> <td style="text-align: right;">4340</td> <td style="text-align: right;">-2190</td> </tr> <tr> <td>LTD</td> <td style="text-align: right;">4404</td> <td></td> </tr> </table>		Top	Datum	Stone Corral	1408	+ 742	Heebner	3628	-1477	Lansing	3672	-1522	Stark	3902	-1752	B/KC	3963	-1813	Pawnee	4048	-1898	Ft Scott	4156	-1997	Cherokee Shale	4173	-2023	Mississippian Osg.	4243	-2093	Gilmore City	4340	-2190	LTD	4404	
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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#	1415'	65/35 Lite	325 sxs	3% CC
					Class "A"	150 sxs	3% CC, 2% Gel
Production	7 7/8"	5 1/2"	15.5#	4395'	EA-2	175 sxs	100% Mud Flush, 20% 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				

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	4244-4260'		
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TUBING RECORD:	Size: 2 7/8"	Set At: 4302'	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 2-26-10		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 Bbbls. 120	Gas Mcf	Water Bbbls. 80	Gas-Oil Ratio Gravity

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 <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: 4244-4260'
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# ALLIED CEMENTING CO., LLC. 036208

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

SERVICE POINT:  
Great Bend KS

DATE <u>1-15-10</u>	SEC. <u>36</u>	TWP. <u>18S</u>	RANGE <u>22 W</u>	CALLED OUT	ON LOCATION	JOB START <u>400 PM</u>	JOB FINISH <u>500 PM</u>
LEASE <u>FOOS</u>		WELL # <u>4-36</u>		LOCATION <u>1 mile west Bazine US</u>		COUNTY <u>ness</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)				<u>South into</u>			

CONTRACTOR mu-tin Ria 22  
 TYPE OF JOB Sur-face  
 HOLE SIZE 12 1/4 T.D. 1415  
 CASING SIZE 8 5/8 DEPTH 1415  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX 500 MINIMUM  
 MEAS. LINE 4005 SHOE JOINT  
 CEMENT LEFT IN CSG. 42.45  
 PERFS.  
 DISPLACEMENT 87.43 BBLS fresh water

OWNER Grand mesa operating CO.

CEMENT  
 AMOUNT ORDERED 325 SX 65/35 lite  
3% CC  
150 SX class A 3% CC 2% Gel

EQUIPMENT  
 PUMP TRUCK CEMENTER wayne-D  
 # 447 HELPER Alvin-R  
 BULK TRUCK  
 # 482-241 DRIVER Shane-P  
 BULK TRUCK  
 # DRIVER

COMMON <u>150</u>	@ <u>13.50</u>	<u>2,025.00</u>
POZMIX	@	
GEL <u>3</u>	@ <u>20.25</u>	<u>60.75</u>
CHLORIDE <u>16</u>	@ <u>51.50</u>	<u>824.00</u>
ASC	@	
<u>325 SX lite</u>	@ <u>12.70</u>	<u>4,127.50</u>
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING <u>475</u>	@ <u>2.25</u>	<u>1,068.75</u>
MILEAGE <u>6x475x.10</u>		<u>285.00</u>
TOTAL		<u>8,391.00</u>

**REMARKS:**

Ran 33 ft of 8 5/8 To Bottom  
hook up To Rig circulate mud  
mix 325 SX at lite with 3% CC  
at 12.5 # mix 150 SX class A 2% CC  
2% Gel shut down Release Plus  
Displace 87.43 BBLS of fresh water  
hand plug at 500 ps; cement did  
circulate wash up Rig Down

**SERVICE**

DEPTH OF JOB <u>1415</u>		
PUMP TRUCK CHARGE		<u>991.00</u>
EXTRA FOOTAGE <u>115</u>	@ <u>7.25</u>	<u>836.35</u>
MILEAGE <u>6</u>	@ <u>7.00</u>	<u>42.00</u>
MANIFOLD	@	
	@	
	@	
TOTAL		<u>1,869.25</u>

CHARGE TO: Grand mesa operating  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

<u>8 5/8 Rubber plug</u>	@ <u>74.00</u>	
<u>Baffle plate</u>	@ <u>99.00</u>	
<u>Basket</u>	@ <u>221.00</u>	
	@	
	@	
TOTAL		<u>394.00</u>

To Allied Cementing Co., LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES                       
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

PRINTED NAME \_\_\_\_\_  
 SIGNATURE Kelly Wilson

**JOBLOG**

**SWIFT Services, Inc.**

DATE 1-21-10 PAGE NO. 1

CUSTOMER Grand Mesa WELL NO. 4-36 LEASE Foos JOB TYPE Cement Longstring TICKET NO. 17727

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1030							On Location TD-440H' 5K TP-4403' ST-20' Cent. 1,2,3,4,5,6,7,8 Basket. 2
	1230							Start 5/2 Casing
	1500							Break Circulation
	1540	6 3/4	32	✓			250	Pump Mud Flush + KCL Flush
	1545	3	7	✓				Plug Rat Hole 30sk
	1545	3	5	✓				Plug Mouse Hole 20sk
	1550	4		✓			250	Start Cement 125sk @ 15.5ppg
	1600		30	✓			-	Shutdown - Release Plug - Wash Pump Lines
	1605	6 3/4		✓			200	Start Displacement
		6 3/4	85	✓			400	Lift Cement
							850	Max Lift
	1620		104.3				1500	Land Plug - Release - Held
								Wash Truck
	1700							Job Complete
								Thank you Brett, Dave, + Russ

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