

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
October 2008  
Form Must Be Typed

3/2/12

**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  
Wellsite Geologist: Robert J. Petersen  
Purchaser: None  
Designate Type of Completion:  
 New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_  
\_\_\_\_\_ Oil \_\_\_\_\_ SWD \_\_\_\_\_ SIOW  
\_\_\_\_\_ Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW  
\_\_\_\_\_ CM (Coal Bed Methane) \_\_\_\_\_ Temp. Abd.  
 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. \_\_\_\_\_ Conv. to SWD  
\_\_\_\_\_ Plug Back: \_\_\_\_\_ Plug Back Total Depth  
\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Other (SWD or Enhr.?) \_\_\_\_\_ Docket No.: \_\_\_\_\_  
01/26/2010      02/03/2010      02/03/2010  
Spud Date or      Date Reached TD      Completion Date or  
Recompletion Date                Recompletion Date

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API No. 15 - 135-25014-00-00  
Spot Description: 1,100' FSL & 1,400' FEL  
NE NE SW SE Sec. 34 Twp. 19 S. R. 22  East  West  
1100 Feet from  North /  South Line of Section  
1400 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Ness  
Lease Name: Miller Well #: 1-34  
Field Name: Wildcat  
Producing Formation: None  
Elevation: Ground: 2267' Kelly Bushing: 2278'  
Total Depth: 4530' Plug Back Total Depth: N/A  
Amount of Surface Pipe Set and Cemented at: 6 jts @ 277 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 PANY 3-1070  
(Data must be collected from the Reserve Pit)  
Chloride content: 16,200 ppm Fluid volume: 1,000 bbls  
Dewatering method used: Evaporation & Backfill.  
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: [Signature] /RONALD N. SINCLAIR  
Title: President Date: March 2, 2010

Subscribed and sworn to before me this 2nd day of March

20 10  
Notary Public: [Signature] /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: Miller Well #: 1-34  
 Sec. 34 Twp. 19 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, Comp. Den/Neutron PE Log, Micro Log, Sonic 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%;">Name</td> <td style="width:20%; text-align: right;">Top</td> <td style="width:20%; text-align: right;">Datum</td> </tr> <tr> <td>Stone Corral</td> <td style="text-align: right;">1518</td> <td style="text-align: right;">+ 760</td> </tr> <tr> <td>Bs/Stone Corral</td> <td style="text-align: right;">1549</td> <td style="text-align: right;">+ 749</td> </tr> <tr> <td>Heebner</td> <td style="text-align: right;">3746</td> <td style="text-align: right;">-1468</td> </tr> <tr> <td>Lansing</td> <td style="text-align: right;">3795</td> <td style="text-align: right;">-1517</td> </tr> <tr> <td>Hushpuckney</td> <td style="text-align: right;">4082</td> <td style="text-align: right;">-1804</td> </tr> <tr> <td>Pawnee</td> <td style="text-align: right;">4204</td> <td style="text-align: right;">-1926</td> </tr> <tr> <td>Ft Scott</td> <td style="text-align: right;">4304</td> <td style="text-align: right;">-2026</td> </tr> <tr> <td>Mississippian</td> <td style="text-align: right;">4386</td> <td style="text-align: right;">-2108</td> </tr> <tr> <td>Gilmore City</td> <td style="text-align: right;">4495</td> <td style="text-align: right;">-2217</td> </tr> <tr> <td>LTD</td> <td style="text-align: right;">4534</td> <td></td> </tr> </table>	Name	Top	Datum	Stone Corral	1518	+ 760	Bs/Stone Corral	1549	+ 749	Heebner	3746	-1468	Lansing	3795	-1517	Hushpuckney	4082	-1804	Pawnee	4204	-1926	Ft Scott	4304	-2026	Mississippian	4386	-2108	Gilmore City	4495	-2217	LTD	4534	
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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#	277	Class A	165	3% CC, 2% Gel

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 <input checked="" type="checkbox"/> Plug well	4530'	60/40 Poz Mix	220	4% Gel, 1/4#sx Flocele

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. _____		Producing Method: <input type="checkbox"/> Flowing <input 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

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"/> Duality Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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# ALLIED CEMENTING CO., LLC. 036218

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

SERVICE POINT:  
Great Bend KS

DATE <u>1-26-16</u>	SEC. <u>34</u>	TWP. <u>19S</u>	RANGE <u>22W</u>	CALLED OUT	ON LOCATION	JOB START <u>130AM</u>	JOB FINISH <u>200AM</u>
LEASE <u>Miller</u>	WELL # <u>1-34</u>		LOCATION <u>Bazineus 2west</u>		COUNTY <u>Ness</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>6 3/4 South west into</u>				

CONTRACTOR Martin Rig 22 OWNER Grand mesa operating co.

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 277  
 CASING SIZE 8 5/8 DEPTH 277  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT

CEMENT  
 AMOUNT ORDERED 165 class A  
3% cc 2% Gcl

CEMENT LEFT IN CSG. 15  
 PERFS.  
 DISPLACEMENT 16.68 BBLS Fresh water

COMMON <u>165</u>	@ <u>13.50</u>	<u>2,227.50</u>
POZMIX	@	
GEL <u>3</u>	@ <u>20.25</u>	<u>60.75</u>
CHLORIDE <u>6</u>	@ <u>51.50</u>	<u>309.00</u>

EQUIPMENT

PUMP TRUCK # <u>181</u>	CEMENTER <u>Wayne - D</u>
BULK TRUCK # <u>260</u>	HELPER <u>Galien - D</u>
BULK TRUCK #	DRIVER <u>Alvin - R</u>
BULK TRUCK #	DRIVER

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HANDLING <u>165</u>	@ <u>2.25</u>	<u>371.25</u>
MILEAGE <u>15 x 165 x .10</u>	<u>247.50</u>	<u>300.00</u>
TOTAL		<u>3,268.50</u>

REMARKS:

Pipe on Bottom Break Circulation  
Shut Down  
Hook up to cement line  
Mix 165 SX class A 3% cc 2% Gcl  
Shut Down Release Plug  
Displace 16.68 BBLS Fresh water  
Cement did circulate  
washup Rig Down

SERVICE

DEPTH OF JOB <u>277.23</u>	
PUMP TRUCK CHARGE	<u>991.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>15</u>	@ <u>7.00</u> <u>105.00</u>
MANIFOLD	@

CHARGE TO: Grand mesa oper. co.  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL 1096.00

PLUG & FLOAT EQUIPMENT

<u>1 8 5/8 wooden plug</u>	@ <u>66.00</u>	<u>66.00</u>
	@	
	@	
	@	

TOTAL \_\_\_\_\_

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 1096.00  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

PRINTED NAME Kelly Wilson  
 SIGNATURE Kelly Wilson

# ALLIED CEMENTING CO., LLC. 33771

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

SERVICE POINT:  
Russell KS

DATE <u>2-3-10</u>	SEC. <u>34</u>	TWP. <u>19</u>	RANGE <u>22</u>	CALLED OUT	ON LOCATION	JOB START <u>11:45am</u>	JOB FINISH <u>12:30pm</u>
LEASE <u>Miller</u>		WELL # <u>1-34</u>		LOCATION <u>Bazine KS 2 West 6 3/4 South</u>		COUNTY <u>Ness</u>	STATE <u>KS</u>
<input checked="" type="radio"/> OLD OR NEW (Circle one)				<u>West into</u>			

CONTRACTOR MurfDrilling Rig #22

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8 T.D. 4530

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 4 1/2 XH DEPTH 1550'

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 220 6 1/4 4% Gel 1/4" Flt

**EQUIPMENT**

PUMP TRUCK CEMENTER John Roberts

# 417 HELPER Matt

BULK TRUCK DRIVER Glenn

# 378

BULK TRUCK DRIVER \_\_\_\_\_

# \_\_\_\_\_

COMMON	<u>132</u>	@	<u>13.50</u>	<u>1782.00</u>
POZMIX	<u>80</u>	@	<u>7.50</u>	<u>604.00</u>
GEL	<u>5</u>	@	<u>21.25</u>	<u>170.00</u>
CHLORIDE		@		
ASC		@		
<u>F/O Seal 55</u>		@	<u>2.45</u>	<u>134.75</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>110</u>	@	<u>2.25</u>	<u>247.50</u>
MILEAGE	<u>54/10 mi</u>			<u>300.00</u>
<b>TOTAL</b>				<u>3238.25</u>

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REMARKS:

1550' 50sk

750' 50sk

300' 50sk

60' 20sk

30sk Rathole

20sk Mouse hole

**SERVICE**

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_ 991.00

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 15 @ 7.00 105.00

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

**TOTAL** 1096.00

CHARGE TO: Grand Mesa Operating Co.

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

**TOTAL** \_\_\_\_\_

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PRINTED NAME KELLY WILSON

SIGNATURE Kelly Wilson

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

DISCOUNT ~~\_\_\_\_\_~~ IF PAID IN 30 DAYS