

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

3/13/09

Form ACO-1  
September 1999  
Form Must Be Typed

Operator: License # 9855  
Name: Grand Mesa Operating Company  
Address: 1700 N. Waterfront Pkwy, Bldg 600  
City/State/Zip: Wichita, KS 67206-5514  
Purchaser: None  
Operator Contact Person: Ronald N. Sinclair  
Phone: (316) 265-3000  
Contractor: Name: W W Drilling, LLC  
License: 33575

Wellsite Geologist: Robert Petersen  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 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./SWD  
 Plug Back  Plug Back Total Depth  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)  Docket No. \_\_\_\_\_

02/21/2008 02/27/2008 02/28/2008  
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 135-24750-00-00  
County: Ness  
SW NE NE NE Sec. 17 Twp. 16 S. R. 23  East  West  
390 feet from S (N) (circle one) Line of Section  
400 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Henderson Well #: 1-17  
Field Name: Wildcat  
Producing Formation: None  
Elevation: Ground: 2473' Kelly Bushing: 2478'  
Total Depth: 4609' Plug Back Total Depth: N/A  
Amount of Surface Pipe Set and Cemented at 6 lts @ 248 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 DANJ 6-16-09  
(Data must be collected from the Reserve Pit)  
Chloride content 34,000 ppm Fluid volume 950 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 13, 2008

Subscribed and sworn to before me this 13th day of March  
20 08  
Notary Public: [Signature]  
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

**RECEIVED**  
KANSAS CORPORATION COMMISSION  
**MAR 14 2008**

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Grand Mesa Operating Company Lease Name: Henderson Well #: 1-17 MAR 13 2008  
 Sec. 17 Twp. 16 S. R. 23  East  West County: Ness KCC

**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  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run:

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Stone Corral	1830	+ 648
Heebner	3858	-1380
B/KC	4204	-1726
Pawnee	4290	-1812
Ft Scott	4381	-1903
Cherokee Sd.	4471	-1993
Mississippian	4473	-1995
LTD	4610	

**Dual Induction Log  
 Compensated Density/Neutron PE Log**

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"	20#	248'	Common	165 SX	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	4609'	60/40 Poz Mix	265SX	4% Gel, 1/4# SX Flocele

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

TUBING RECORD		Size	Set At	Packer At	Liner Run		
					<input type="checkbox"/> Yes <input type="checkbox"/> No		
Date of First, Resumerd 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  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

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 KANSAS CORPORATION COMMISSION

MAR 14 2008

CONSERVATION DIVISION  
 WICHITA, KS

**JOB LOG**

**SWIFT Services, Inc.**

DATE **2-21-08** PAGE NO. **9**

CUSTOMER **GRAND MESA** WELL NO. **1-17** LEASE **HEWLESON** JOB TYPE **8 5/8" SURFACE** TICKET NO. **13395**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1630							ON LOCATION
								TD - 247' <span style="float: right;">CONFIDENTIAL</span>
								TP - 247' <span style="float: right;">MAR 13 2008</span>
								8 5/8 #/FT 23 <span style="float: right;">KCC</span>
								15' CMT LEFT IN CASING
	1820							BREAK CIRCULATION
	1835	4 1/2	40		✓		200	MIX CEMENT 165 SYBS STAYWOOD 290 GEL, 390 CC
	1845							RELEASE TOP PLUG
	1848	6 1/2	15		✓		250	DISPLACE PLUG
	1850							PLUG DOWN - SHUT IN
								CIRCULATED 25 SKS CMT TO PT
								WASH TRUCK
	1930							JOB COMPLETE
								THANK YOU WAYNE BOST, REW

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KANSAS CORPORATION COMMISSION

MAR 14 2008

CONSERVATION DIVISION  
WICHITA, KS

# ALLIED CEMENTING CO., INC.

30845

CONFIDENTIAL

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

MAR 13 2008

SERVICE POINT:  
Ness city

DATE <u>2-26-08</u>	SEC <u>17</u>	TWP <u>16s</u>	RANGE <u>23w</u>	CALLED OUT <u>12:00pm</u>	ON LOCATION <u>4:00pm</u>	JOB START <u>7:00am</u>	JOB FINISH <u>8:00am</u>
LEASE <u>Henderson</u>		WELL # <u>1-17</u>	LOCATION <u>Ram 2.0m 4+283 Hwy.</u>		COUNTY <u>Ness</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>2N 4E 4S 45</u>				

CONTRACTOR W-W Plug 8

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8 T.D. 4609 ft

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

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

DRILL PIPE 4 1/2 DEPTH 1860 ft

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

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

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

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

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

DISPLACEMENT \_\_\_\_\_

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 265 60/40 47 gal

1/4" Floseal 9 1/2 sk

COMMON	<u>159</u>	@ <u>12.30</u>	<u>1955.70</u>
POZMIX	<u>106</u>	@ <u>6.85</u>	<u>726.10</u>
GEL	<u>11</u>	@ <u>18.40</u>	<u>202.40</u>
CHLORIDE		@	
ASC		@	
<u>Floseal/66</u>		@ <u>2.20</u>	<u>145.20</u>
		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>278</u>	@ <u>2.10</u>	<u>583.80</u>
MILEAGE	<u>18.9</u>	@ <u>278</u>	<u>450.36</u>
TOTAL			<u>4063.56</u>

EQUIPMENT

PUMP TRUCK CEMENTER Mike M.

# 181 HELPER Tyler W.

BULK TRUCK

# 357 DRIVER Carl

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:

10:00pm Plugs still having Down Collars

Start in the Hole with Drill pipe

mix 50 sk at 1860 ft

mix 80 sk at 1200 ft

mix 50 sk at 600 ft

mix 50 sk at 260 ft

mix 20 sk at 60 ft

mix 15 sk at P.H.

SERVICE

DEPTH OF JOB 1860 ft

PUMP TRUCK CHARGE \_\_\_\_\_ 900.00

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

MILEAGE 18 @ 7.00 126.00

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

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

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

TOTAL 1026.00

CHARGE TO: Grand Mesa Oper Company

STREET \_\_\_\_\_

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

PLUG & FLOAT EQUIPMENT

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

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

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

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

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

TOTAL 0

To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

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

SIGNATURE Rich Hilgers

Rich Hilgers  
PRINTED NAME

*Thank you*