

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

11/20/09  
Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 9855  
Name: Grand Mesa Operating Company  
Address: 1700 N. Waterfront Pkwy, Bldg 600  
City/State/Zip: Wichita, KS 67206-5514  
Purchaser: N/A  
Operator Contact Person: Ronald N. Sinclair  
Phone: (316) 265-3000  
Contractor: Name: W W Drilling, LLC  
License: 33575  
Wellsite Geologist: Robert J. Petersen

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KCC

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. \_\_\_\_\_  
10/29/07 11/06/07 11/07/07  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 083-21538-00-00  
County: Hodgeman  
\_\_\_\_\_ SE \_\_\_\_\_ NW Sec. 31 Twp. 21 S. R. 25  East  West  
1,960 feet from S N (circle one) Line of Section  
1,700 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Erskine Well #: 1-31  
Field Name: Wildcat

Producing Formation: Mississippian  
Elevation: Ground: 2468' Kelly Bushing: 2473'  
Total Depth: 4710' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 21 jts @ 832 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 PAW 31809  
(Data must be collected from the Reserve Pit)  
Chloride content 39,000 ppm Fluid volume 875 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: 11/19/07

Subscribed and sworn to before me this 19th day of November,  
20 07

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  
RECEIVED  
KANSAS CORPORATION COMMISSION  
NOV 21 2007  
CONSERVATION DIVISION

Operator Name: Grand Mesa Operating Company Lease Name: Erskine Well #: 1-31  
 Sec. 31 Twp. 21 S. R. 25  East  West County: Hodgeman

**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:

**Comp. Den/Neutron Log, DI Log, Micro Log, Sonic Log**

Name	Top	Datum
Stone Corral	1643	+ 830
Bs/Stone Corral	1656	+ 817
Heebner	3804	-1331
Lansing	3848	-1375
Ft. Scott	4382	-1909
Mississippi/Spg	4484	-2011
Warsaw	4530	-2057
Osage	4606	-2133
Gilmore City	4668	-2195
LTD	4710	

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#	832'	Common	375SX	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	4710'	60/40 Poz Mix	185SX	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 (Amount and Kind of Material Used)	
			Depth

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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      METHOD OF COMPLETION      Production Interval

Vented    Sold    Used on Lease    Open Hole    Perf.    Dually Comp.    Commingled  
 (If vented, Submit ACO-18.)    Other (Specify) \_\_\_\_\_

**RECEIVED**  
 KANSAS CORPORATION COM.  
 NOV 3 1 1987  
 CONSERVATION DIV.  
 WICHITA, KC

# ALLIED CEMENTING CO., INC.

30947

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

SERVICE POINT:

Great Bend

DATE <u>10-30-07</u>	SEC. <u>31</u>	TWP. <u>21S</u>	RANGE <u>25W</u>	CALLED OUT <u>1:00 AM</u>	ON LOCATION <u>6:30 AM</u>	JOB START <u>9:00 AM</u>	JOB FINISH <u>10:00 AM</u>
LEASE <u>ERSKINE</u>		WELL # <u>1-31</u>	LOCATION <u>NESS CITY 145 TO RD X 12W</u>		COUNTY <u>Hodgeman</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			TO <u>220 RD START 1/4 E S/INTA</u>				

CONTRACTOR W.W Rig 2

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 833'

CASING SIZE 8 5/8 DEPTH 832.29

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

DRILL PIPE 4 1/2 DEPTH \_\_\_\_\_

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

PRES. MAX 300 MINIMUM 50

MEAS. LINE \_\_\_\_\_ SHOE JOINT 20'

CEMENT LEFT IN CSG. 20'

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

DISPLACEMENT FRESH WATER 51 3/4 BBLs

OWNER EL Elevation

CEMENT

AMOUNT ORDERED 375 sx common + 3% CC + 2% GEL

EQUIPMENT

PUMP TRUCK CEMENTER DWAYNE W

# 120 HELPER WAYNE D

BULK TRUCK

# 357 DRIVER CARL S

BULK TRUCK

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

COMMON	<u>375.00</u>	@	<u>11.10</u>	<u>4162.50</u>
POZMIX		@		
GEL	<u>7.00</u>	@	<u>16.65</u>	<u>116.55</u>
CHLORIDE	<u>11.00</u>	@	<u>46.60</u>	<u>512.60</u>
ASC		@		
HANDLING	<u>393.00</u>	@	<u>1.90</u>	<u>746.70</u>
MILEAGE	<u>393.4409</u>	@	<u>28</u>	<u>90.36</u>
TOTAL				<u>6528.71</u>

REMARKS:

PIPE ON BOTTOM BREAK CIRCULATION PUMP 375sx common + 3% CC + 2% GEL SHUT DOWN RELEASED PLUG AND DISP WITH 51 3/4 BBLs OF FRESH WATER SHUT IN CEMENT DID CIRCULATE

Alg down

CHARGE TO: GRAND MESA

STREET \_\_\_\_\_

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

SERVICE

DEPTH OF JOB	<u>832.29'</u>			
PUMP TRUCK CHARGE				<u>815.00</u>
EXTRA FOOTAGE	<u>532'</u>	@	<u>.65</u>	<u>345.80</u>
MILEAGE	<u>28</u>	@	<u>6.00</u>	<u>168.00</u>
MANIFOLD head Rent		@	<u>100.00</u>	<u>100.00</u>
TOTAL				<u>1428.80</u>

PLUG & FLOAT EQUIPMENT

<u>8 5/8 Rubber Plug</u>	<u>100.00</u>			<u>100.00</u>
		@		
		@		
		@		
		@		
TOTAL				<u>100.00</u>

RECEIVED  
KANSAS CORPORATION COMMISSION

NOV 21 2007

CONSERVATION DIVISION  
WICHITA, KS

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 x [Signature]

x Lonnie Lang  
PRINTED NAME

THANK YOU

# ALLIED CEMENTING CO., INC.

25505

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

SERVICE POINT:  
**Great Bend**

DATE <b>10-7-07</b>	SEC. <b>31</b>	TWP. <b>21S</b>	RANGE <b>25W</b>	CALLED OUT <b>7:30 AM</b>	ON LOCATION <b>9:00 AM</b>	JOB START <b>11:00 AM</b>	JOB FINISH <b>12:00 AM</b>
LEASER <b>Erskine</b>		WELL # <b>1-1</b>	LOCATION <b>Ness City 145th RD X 12</b>		COUNTY <b>LANE</b>	STATE <b>KS</b>	
<input checked="" type="radio"/> OLD OR NEW (Circle one)			<b>W TO 205 RD 5th RD + 1 1/2 E S LINE</b>				

CONTRACTOR **WWRISZ**

TYPE OF JOB **Rotary Plug**

HOLE SIZE **7 7/8** T.D. **1660'S**

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

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

DRILL PIPE **4 1/2** DEPTH **1660'**

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

PRES. MAX **150** MINIMUM **50**

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

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

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

DISPLACEMENT **FRESH WATER & mud**

EQUIPMENT \_\_\_\_\_

PUMP TRUCK CEMENTER **Wayne W**

# **120** HELPER **Wayne D**

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

# **341** DRIVER **Carl S**

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

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

REMARKS:

**50.5x 1660' 185x 60/40 + 4 1/2**

**50.5x 860' GEL + 1/4# FLO-SEAL**

**40.5x 400'**

**20.5x 60'**

**15x in the GREAT HOLE**

**10x in the mouse HOLE**

CHARGE TO: **GRAND MESA**

STREET \_\_\_\_\_

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

Thank you

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.

SIGNATURE *[Signature]*

OWNER **Mull Drilling**

CEMENT

AMOUNT ORDERED **185x 60/40 + 4 1/2 GEL + 1/4# FLO-SEAL**

COMMON	<b>11.14</b>	@	<b>11.10</b>	<b>1232.10</b>
POZMIX	<b>74.41</b>	@	<b>6.20</b>	<b>458.80</b>
GEL	<b>6.00</b>	@	<b>16.65</b>	<b>99.90</b>
CHLORIDE		@		
ASC		@		
<b>NO SEAL</b>	<b>46#</b>	@	<b>2.00</b>	<b>92.00</b>
		@		
		@		
		@		
		@		
		@		
HANDLING	<b>193.01</b>	@	<b>1.90</b>	<b>366.70</b>
MILEAGE	<b>193.01</b>	@	<b>2.85</b>	<b>486.36</b>
TOTAL				<b>2735.86</b>

SERVICE

DEPTH OF JOB	<b>1660'</b>			
PUMP TRUCK CHARGE				<b>815.00</b>
EXTRA FOOTAGE		@		
MILEAGE	<b>285</b>	@	<b>6.00</b>	<b>168.00</b>
MANFOLD		@		
		@		
		@		

TOTAL **983.00**

PLUG & FLOAT EQUIPMENT

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

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

RECEIVED \_\_\_\_\_ @ \_\_\_\_\_

KANSAS CORPORATION COMMISSION \_\_\_\_\_ @ \_\_\_\_\_

NOV 21 2007

CONSERVATION DIVISION  
WICHITA, KS

TOTAL \_\_\_\_\_

TAX \_\_\_\_\_

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

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

x *[Signature]*

x **Lennie Lang**

PRINTED NAME