

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 9855
Name: Grand Mesa Operating Company
Address: 200 E. First St., Ste 307
City/State/Zip: Wichita, KS 67202
Purchaser: N/A
Operator Contact Person: Ronald N. Sinclair
Phone: (316) 265-3000
Contractor: Name: American Eagle Drilling, LLC
License: 33493
Wellsite Geologist: Pat Deenihan

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW 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. _____

<u>09/06/06</u>	<u>09/14/06</u>	<u>09/15/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 135-24531-00-00
County: Ness
SW SE NW Sec. 20 Twp. 16 S. R. 23 East West
2,080 feet from S N (circle one) Line of Section
1,760 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Horchem Well #: 1-20
Field Name: Wildcat

Producing Formation: N/A
Elevation: Ground: 2,488 Kelly Bushing: 2,495
Total Depth: 4,570 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 5 jts @ 218' 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
(Data must be collected from the Reserve Pit)
Chloride content 6,000 ppm Fluid volume 6,800 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.: _____

PA-Dlg - 11/25/08

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: 9/26/06

Subscribed and sworn to before me this 26th day of September,

20 06
Notary Public: Phyllis E. Brewer
PHYLLIS E. BREWER, NOTARY PUBLIC - State of Kansas
My Appt. Expires 7-21-07
Date Commission Expires: July 21, 2007

KCC Office Use ONLY

Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

RECEIVED
SEP 27 2006
KCC WICHITA

Operator Name: Grand Mesa Operating Company Lease Name: Horchem Well #: 1-21
 Sec. 20 Twp. 16 S. R. 23 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 (Attach Additional Sheets) Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy) List All E. Logs Run: DI Log, Comp. Den/Neutron PE Log, Sonic Log	<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: right;">Top</th> <th style="text-align: right;">Datum</th> </tr> </thead> <tbody> <tr><td>Stone Corral</td><td style="text-align: right;">1842</td><td style="text-align: right;">+ 653</td></tr> <tr><td>Bs/Stone Corral</td><td style="text-align: right;">1877</td><td style="text-align: right;">+ 618</td></tr> <tr><td>Hebner</td><td style="text-align: right;">3874</td><td style="text-align: right;">-1379</td></tr> <tr><td>Lansing</td><td style="text-align: right;">3918</td><td style="text-align: right;">-1423</td></tr> <tr><td>B/KC</td><td style="text-align: right;">4224</td><td style="text-align: right;">-1729</td></tr> <tr><td>Pawnee</td><td style="text-align: right;">4311</td><td style="text-align: right;">-1816</td></tr> <tr><td>Ft. Scott</td><td style="text-align: right;">4398</td><td style="text-align: right;">-1903</td></tr> <tr><td>Cherokee Shale</td><td style="text-align: right;">4422</td><td style="text-align: right;">-1927</td></tr> <tr><td>Bs Penn Lime</td><td style="text-align: right;">4468</td><td style="text-align: right;">-1973</td></tr> <tr><td>Mid Cherokee Sd</td><td style="text-align: right;">4494</td><td style="text-align: right;">-1999</td></tr> <tr><td>Lwr Cherokee Sd</td><td style="text-align: right;">4502</td><td style="text-align: right;">-2007</td></tr> <tr><td>Mississippian</td><td style="text-align: right;">4511</td><td style="text-align: right;">-2016</td></tr> <tr><td>LTD</td><td style="text-align: right;">4567</td><td></td></tr> </tbody> </table>	Name	Top	Datum	Stone Corral	1842	+ 653	Bs/Stone Corral	1877	+ 618	Hebner	3874	-1379	Lansing	3918	-1423	B/KC	4224	-1729	Pawnee	4311	-1816	Ft. Scott	4398	-1903	Cherokee Shale	4422	-1927	Bs Penn Lime	4468	-1973	Mid Cherokee Sd	4494	-1999	Lwr Cherokee Sd	4502	-2007	Mississippian	4511	-2016	LTD	4567	
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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#	218'	Common	160SX	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 checked="" type="checkbox"/> Plug Off Zone	4,570	60/40 Poz Mix	270SX	6% Gel, 1/4#SX Fiocele

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

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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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)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcl	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	RECEIVED SEP 27 2006 KCC WICHITA

ALLIED CEMENTING CO., INC.

23846

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

SERVICE POINT:

Ness City

DATE <i>9-6-06</i>	SEC. <i>20</i>	TWP. <i>16</i>	RANGE <i>23W</i>	CALLED OUT <i>6:30 pm</i>	ON LOCATION <i>8:30 pm</i>	JOB START <i>11:30 pm</i>	JOB FINISH <i>12:15 am</i>
LEASE <i>Horchem</i>	WELL # <i>1-20</i>	LOCATION <i>283 1/2 H. jct - 5/4 north</i>		COUNTY <i>Ness</i>	STATE <i>KS</i>		
OLD OR NEW (Circle one) <u>NEW</u>		<i>east into</i>					

CONTRACTOR *American Eagle*

TYPE OF JOB *Surface Pipe*

HOLE SIZE *12 1/4* T.D. *221'*

CASING SIZE *8 5/8* DEPTH *218'*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *approx 15'*

PERFS.

DISPLACEMENT *13 BBB*

OWNER *Grand Mesa Operating Co.*

CEMENT

AMOUNT ORDERED *160 sy Common - 320 c/c + 270 gel*

COMMON	<i>160 c/c</i>	@	<i>10.65</i>	<i>1704.00</i>
POZMIX		@		
GEL	<i>324</i>	@	<i>16.65</i>	<i>4995</i>
CHLORIDE	<i>524</i>	@	<i>46.60</i>	<i>23300</i>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<i>168 net</i>	@	<i>1.90</i>	<i>319.20</i>
MILEAGE	<i>168 net 0914 M</i>	@		<i>240.00</i>
TOTAL				<i>2546.15</i>

EQUIPMENT

PUMP TRUCK CEMENTER *Jack*

224 HELPER *Jim*

BULK TRUCK

357 DRIVER *Brandon*

BULK TRUCK

DRIVER

REMARKS:

Run 5 ft of 8 5/8 csq - cement with 160 sy of cement - Displace plug with 13 BBB of fresh water. Cement did cure Plug down @ 12:15 am

Thanks

CHARGE TO: *Grand Mesa Operating Co.*

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<i>218'</i>			
PUMP TRUCK CHARGE				<i>815.00</i>
EXTRA FOOTAGE		@		
MILEAGE	<i>14</i>	@	<i>6.00</i>	<i>84.00</i>
MANIFOLD		@		
		@		
		@		
TOTAL				<i>899.00</i>

PLUG & FLOAT EQUIPMENT

<i>1-8 5/8 Wood</i>	@	<i>60.00</i>	<i>60.00</i>
	@		
	@		
	@		
	@		
TOTAL <i>60.00</i>			

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 *Wesley P. Gaff*

Wesley P. Gaff

PRINTED NAME
RECEIVED

SEP 27 2006

KCC WICHITA

ALLIED CEMENTING CO., INC.

26209

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

SERVICE POINT:

Neosho

DATE <u>9-14-06</u>	SEC. <u>20</u>	TWP. <u>16</u>	RANGE <u>23</u>	CALLED OUT <u>6:30pm</u>	ON LOCATION <u>9:00pm</u>	JOB START <u>10:30pm</u>	JOB FINISH <u>1:00am</u>
LEASE <u>Norchem</u>		WELL # <u>1-20</u>	LOCATION <u>283+4 at 1/2 N E S</u>		COUNTY <u>Neosho</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR American Eagle Drilling #1
 TYPE OF JOB Rotary Plug
 HOLE SIZE 7 7/8 T.D. 4570
 CASING SIZE 8 7/8 DEPTH 218
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT

OWNER _____

CEMENT
 AMOUNT ORDERED
255 6 3/4 6 3/4 Gal.
1/4 # Flo Seal per sq

COMMON	<u>153.04</u>	@	<u>10.65</u>	<u>1629.45</u>
POZMIX	<u>102.04</u>	@	<u>5.80</u>	<u>591.60</u>
GEL	<u>13.04</u>	@	<u>16.65</u>	<u>216.45</u>
CHLORIDE		@		
ASC		@		
	<u>FLO SEAL 6 1/4 #</u>	@	<u>200</u>	<u>128.00</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>270.00</u>	@	<u>1.90</u>	<u>513.00</u>
MILEAGE	<u>270.1409</u>		<u>14</u>	<u>340.20</u>
				TOTAL <u>3418.70</u>

EQUIPMENT

PUMP TRUCK CEMENTER MIKE
 # 224 HELPER D. Hughes
 BULK TRUCK
 # 341 DRIVER Cody
 BULK TRUCK
 # DRIVER

REMARKS:

<u>50</u>	<u>1885'</u>
<u>80</u>	<u>1150</u>
<u>50</u>	<u>600</u>
<u>40</u>	<u>230</u>
<u>20</u>	<u>60</u>
<u>15</u>	<u>RH.</u>

SERVICE

DEPTH OF JOB	<u>1885'</u>		
PUMP TRUCK CHARGE			<u>815.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>14</u>	@	<u>600</u>
MANIFOLD		@	
		@	
		@	
TOTAL <u>815.00</u>			

CHARGE TO: Grand Mesa Oper.
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		
TOTAL _____			

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 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE [Signature]

Wesley Pfaff
 PRINTED NAME

RECEIVED
 SEP 27 2006
 KCC WICHITA