

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

8/24/11

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 # 4958
Name: Mallard JV, Inc.
Wellsite Geologist: Robert J. Petersen
Purchaser: N/A

AUG 24 2010
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Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., 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
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

08/03/2010	08/11/2010	08/11/2010
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 135-25117-00-00
Spot Description: 801' FNL and 1009' FEL
NW SW NE NE Sec. 18 Twp. 19 S. R. 23 East West
801 Feet from North / South Line of Section
1,009 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ness
Lease Name: Rothe Well #: 4-18
Field Name: Obee Southeast
Producing Formation: None
Elevation: Ground: 2219 Kelly Bushing: 2224
Total Depth: 4280' Plug Back Total Depth: N/A
Amount of Surface Pipe Set and Cemented at: 5 jts @ 226 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: 16,900 ppm Fluid volume: 1,000 bbls
Dewatering method used: Haul free fluids - remainder evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: Whitetail Crude, Inc.
Lease Name: Hott #1 License #: 31627
Quarter SE Sec. 14 Twp. 19 S. R. 24 East West
County: Ness Permit #: D28,593

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.

AFFIDAVIT

I am the affiant and I hereby certify that 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: August 24, 2010

KCC Office Use ONLY

Letter of Confidentiality Received
Date: 8/24/10 - 8/24/11
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: NJ
RECEIVED
AUG 25 2010

PA

KCC WICHITA

KCC
AUG 24 2010

Operator Name: Grand Mesa Operating Company Lease Name: Rothe Well #: 4-18
 Sec. 18 Twp. 19 S. R. 23 East West County: Ness **CONFIDENTIAL**

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 complete copy of all Electric Wire-line 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Not logged	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Datum</th> </tr> </thead> <tbody> <tr><td>Stone Corral</td><td>1462</td><td>+ 496</td></tr> <tr><td>Heebner</td><td>3632</td><td>-1408</td></tr> <tr><td>Marmaton</td><td>4026</td><td>-1798</td></tr> <tr><td>Pawnee</td><td>4100</td><td>-1872</td></tr> <tr><td>Ft. Scott</td><td>4180</td><td>-1957</td></tr> <tr><td>Cherokee Shale</td><td>4206</td><td>-1982</td></tr> <tr><td>Cherokee Sandstone</td><td>4271</td><td>-2047</td></tr> <tr><td>Mississippian</td><td>N/A</td><td>N/A</td></tr> <tr><td>RTD</td><td>4280</td><td></td></tr> </tbody> </table>	Name	Top	Datum	Stone Corral	1462	+ 496	Heebner	3632	-1408	Marmaton	4026	-1798	Pawnee	4100	-1872	Ft. Scott	4180	-1957	Cherokee Shale	4206	-1982	Cherokee Sandstone	4271	-2047	Mississippian	N/A	N/A	RTD	4280	
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Mississippian	N/A	N/A																													
RTD	4280																														

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#	226'	Common	150	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	4280'	60/40 Poz mix	200	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

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"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ <div style="text-align: right; font-weight: bold; font-size: 1.2em;">RECEIVED</div>
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

AUG 25 2010

KCC WICHITA

ALLIED CEMENTING CO., LLC. 041880

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

AUG 24 2010
CONFIDENTIAL

SERVICE POINT: Russell

DATE <u>8-4-10</u>	SEC. <u>18</u>	TWP. <u>19S</u>	RANGE <u>23W</u>	CALLED OUT	ON LOCATION	JOB START <u>1:30 AM</u>	JOB FINISH <u>2:00 AM</u>
LEASE <u>Rothe</u>	WELL # <u>4-18</u>	LOCATION <u>Ness City 2 1/2 S Winto</u>			COUNTY <u>Ness</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Mallard

TYPE OF JOB Surface Sols

HOLE SIZE 1 3/4 T.D. 226

CASING SIZE 2 5/8 DEPTH 226

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15

PERFS. _____

DISPLACEMENT 13,47 661

OWNER _____

CEMENT AMOUNT ORDERED 150 Com 32CC 22.64

EQUIPMENT

PUMP TRUCK CEMENTER Shane

417 HELPER Heath

BULK TRUCK

378 DRIVER Richard Tws

BULK TRUCK

_____ DRIVER _____

COMMON	<u>150</u>	@	<u>13.50</u>	<u>2025.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>20.25</u>	<u>60.75</u>
CHLORIDE	<u>5</u>	@	<u>51.50</u>	<u>257.50</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>150</u>	@	<u>2.25</u>	<u>337.50</u>
MILEAGE	<u>110/50/mile</u>			<u>300.00</u>
TOTAL				<u>2980.75</u>

REMARKS:

Run 5 jts + Landig Jt.

Est Circulation.

Mixed 150 sts

Cement Circulated

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>991.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>2</u>	@	<u>710.00</u>	<u>1410.00</u>
MANIFOLD		@		
		@		

RECEIVED

AUG 25 2010

TOTAL 1005.00

**KCC WICHITA
PLUG & FLOAT EQUIPMENT**

CHARGE TO: Grand Marg

STREET _____

CITY _____ STATE _____ ZIP _____

Thanks!

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.

PRINTED NAME Frank Symonek

SIGNATURE Frank Symonek

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

ALLIED CEMENTING CO., LLC. 036801

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

RCC
AUG 24 2010

SERVICE POINT:
Great Bend

CONFIDENTIAL

DATE <u>8-11-10</u>	SEC. <u>18</u>	TWP. <u>19S</u>	RANGE <u>23W</u>	CALLED OUT	ON LOCATION	JOB START <u>10:00 AM</u>	JOB FINISH <u>11:00 AM</u>
LEASE <u>Roth</u>		WELL # <u>4-18</u>	LOCATION <u>Ness City KS 2 1/2 South</u>		COUNTY <u>NCS</u>	STATE <u>KS</u>	
<input checked="" type="radio"/> OLD OR NEW (Circle one)			<u>west into</u>				

CONTRACTOR Mallard
 TYPE OF JOB Rotary Plug
 HOLE SIZE 7 1/2 T.D. 4290
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 DEPTH 1475
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER Grand Mesq
 CEMENT
 AMOUNT ORDERED 2005x 60/40
496 Gals of flo seal

COMMON	<u>200</u> <u>120</u>	@	<u>13.50</u>	<u>1620.00</u>
POZMIX	<u>80</u>	@	<u>7.55</u>	<u>604.00</u>
GEL	<u>7</u>	@	<u>20.25</u>	<u>141.75</u>
CHLORIDE		@		
ASC		@		
	<u>flo seal</u> <u>50</u>	@	<u>2.45</u>	<u>122.50</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>200</u>	@	<u>2.25</u>	<u>450.00</u>
MILEAGE	<u>200 x 2 x .10</u>			<u>300.00</u>
TOTAL				<u>3,238.25</u>

EQUIPMENT

PUMP TRUCK CEMENTER Wayne
 # 181 HELPER Wayne
 BULK TRUCK
 # 482 DRIVER Bob-R
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

1st plug 1475 mix 50SX
2nd plug 230 mix 50SX
3rd plug 260 mix 50SX
4th plug 60 mix 20SX
Roth hole 30 mix 30SX

SERVICE

DEPTH OF JOB	<u>990.00</u>
PUMP TRUCK CHARGE	
EXTRA FOOTAGE	@ _____
MILEAGE	<u>2</u> @ <u>7.00</u> <u>14.00</u>
MANIFOLD	@ _____
	@ _____
	@ _____
TOTAL <u>1004.00</u>	

CHARGE TO: Grand mesq
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

RECEIVED	@ _____
AUG 25 2010	@ _____
KCC WICHITA	@ _____
	@ _____
TOTAL _____	

To Allied Cementing Co., LLC.
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PRINTED NAME Lt Von R URSAN
 SIGNATURE Lt Von R URSAN

SALES TAX (If Any) _____
 TOTAL CHARGES [scribble]
 DISCOUNT _____ IF PAID IN 30 DAYS