

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
October 2008
Form Must Be Typed

CONFIDENTIAL

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

6/10/09

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 # 5929
 Name: Duke Drilling Company, Inc.
 Wellsite Geologist: Robert J. Petersen
 Purchaser: N/A
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Workover
 Gas ENHR SIGW
 CM (Coal Bed Methane) Temp. Abd. **KCC**
 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.: _____
05/12/2009 05/23/2009 05/24/2009
 Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 063-21774-00-00
 Spot Description: 1264' FSL & 1888' FWL
 NE NW SE SW Sec. 31 Twp. 13 S. R. 31 East West
1,264 Feet from North / South Line of Section
1,888 Feet from East / West Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
 County: Gove
 Lease Name: Phelps Well #: 1-31
 Field Name: Wildcat
 Producing Formation: N/A
 Elevation: Ground: 2957' Kelly Bushing: 2966'
 Total Depth: 4660' Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at: 5 jts. @ 223 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 PANS 7-9-09
 (Data must be collected from the Reserve Pit)
 Chloride content: 20,600 ppm Fluid volume: 925 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: June 10, 2009
 Subscribed and sworn to before me this 10th day of June
20 09
 Notary Public: [Signature] /Phyllis E. Brewer
 Date Commission Expires: July 21, 2011

KCC Office Use ONLY

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

RECEIVED
 JUN 11 2009

PHYLLIS E. BREWER
 Notary Public - State of Kansas
 My Appt. Expires 7-21-11

KCC WICHITA

Operator Name: Grand Mesa Operating Company Lease Name: Phelps Well #: 1-31
 Sec. 31 Twp. 13 S. R. 31 East West County: Gove

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: Compact Photo Density Compensated Neutron w/Micro Resistivity Log, Array Induction Shallow Focused Electric Log, Compensated Sonic	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum SEE ATTACHED SHEET FOR LOG TOP INFORMATION CONFIDENTIAL 1 YEAR
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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"	23#	223'	Common	170sx	3% CC, 2% Gel
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> CONFIDENTIAL JUN 10 2009 </div>							

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	0-4660'	60/40 Pozmix	205sx	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"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Phelps 1-31
Sec. 31-13S-31W
Gove County, Kansas
Grand Mesa Operating Company
Spud 5/12/09
TD 5/23/09

LOG TOPS -- CONFIDENTIAL (1 YEAR)

CONFIDENTIAL

JUN 1 0 2009

KCC

Name	Top	Datum
Stone Corral	2443	+ 523
Heebner	3940	- 974
Lansing	3984	-1018
Stark Shale	4226	-1260
Hushpuckney Shale	4262	-1296
Bs/KC	4305	-1339
Marmaton	4332	-1366
Little Osage Shale	4454	-1488
Excello Shale	4477	-1511
Johnson Zone	4543	-1577
Morrow Shale	4578	-1612
Morrow Sand	n/a	n/a
Mississippian	4594	-1628
LTD	4658	

RECEIVED

JUN 1 1 2009

KCC WICHITA

ALLIED CEMENTING CO., LLC. 044237

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

SERVICE POINT:
OAKLEY

DATE <u>5-12-09</u>	SEC. <u>31</u>	TWP. <u>13S</u>	RANGE <u>31W</u>	CALLED OUT	ON LOCATION <u>6:15 PM</u>	JOB START <u>7:00 AM</u>	JOB FINISH <u>7:30 PM</u>
LEASE <u>Phelps</u>	WELL # <u>1-31</u>	LOCATION <u>OAKLEY 20S-2E-3N-1/4E-N2W</u>			COUNTY <u>LOGAN</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR DUKE ORLG REG# 4

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4" T.D. 223'

CASING SIZE 8 5/8" DEPTH 223'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOED CONFIDENTIAL

CEMENT LEFT IN CSG. 15' JUN 10 2009

PERFS. _____

DISPLACEMENT 13 1/4 BBL/S

OWNER GRAND MESA

CEMENT AMOUNT ORDERED

170 SKS COM 3% CC 2% GEL

COMMON	<u>170 SKS</u>	@	<u>15.45</u>	<u>2626.50</u>
POZMIX		@		
GEL	<u>4 SKS</u>	@	<u>20.80</u>	<u>83.20</u>
CHLORIDE	<u>6 SKS</u>	@	<u>58.20</u>	<u>349.20</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>180 SKS</u>	@	<u>2.40</u>	<u>432.00</u>
MILEAGE	<u>104 PER SK/MILE</u>			<u>312.00</u>
	<u>MINIMUM CHARGE</u>			
TOTAL				<u>3802.90</u>

EQUIPMENT

PUMP TRUCK # 422 CEMENTER TERRY HELPER WAYNE

BULK TRUCK # 347 DRIVER DARRIN

BULK TRUCK # _____ DRIVER _____

REMARKS:

ON LOCATION 6:15 AM TRUCK ON LOCATION AT 6:30 PM SAFETY MEETING + SET UP TRUCK 6:50 AM HOOK UP TO 8 5/8" CASING. CIRCULATE UNTIL 7:00 PM. MIX 170 SKS COM 3% CC 2% GEL. DISPLACE 13 1/4 BBL WATER. CEMENT IN CELLAR.

THANK YOU

CHARGE TO: GRAND MESA OPERATIONS

STREET _____

CITY _____ STATE _____ ZIP _____

RECEIVED
JUN 11 2009
KCC WICHITA

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 Tich Wheeler

SIGNATURE Tich Wheeler

NO COPY

SERVICE

DEPTH OF JOB 223'

PUMP TRUCK CHARGE 1018.00

EXTRA FOOTAGE @ _____

MILEAGE 13 mi @ 7.00 91.00

MANIFOLD @ _____

TOTAL 1109.00

PLUG & FLOAT EQUIPMENT

1-8 5/8" SURFACE Plug 68.00

@ _____

@ _____

@ _____

@ _____

TOTAL 68.00

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

ALLIED CEMENTING CO., LLC. 035055 A

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

SERVICE POINT:
Oakley KS

DATE <u>5/23/09</u>	SEC. <u>31</u>	TWP. <u>135</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION <u>8:30pm</u>	JOB START <u>11:30pm</u>	JOB FINISH <u>12:30AM</u>
LEASE <u>Phelps</u>	WELL # <u>1-31</u>	LOCATION <u>Oakley 970 Navajo NE To 460</u>		COUNTY <u>Gove</u>		STATE <u>Ks</u>	
OLD OR NEW (Circle one)		<u>19 44 E Ninto</u>					

CONTRACTOR Duke #4

TYPE OF JOB PT A

HOLE SIZE 9 1/8 T.D. 4660

CASING SIZE 8 5/8 DEPTH 223'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT ENTIAL

CEMENT LEFT IN CSG. CO

PERFS. JUN 10 2009

DISPLACEMENT

OWNER Same

CEMENT AMOUNT ORDERED 205 SK 60/40 49%
11/4 16 Plo Seal

COMMON	<u>123</u>	@	<u>15.45</u>	<u>1900.35</u>
POZMIX	<u>82</u>	@	<u>8.00</u>	<u>656.00</u>
GEL	<u>7</u>	@	<u>20.00</u>	<u>140.00</u>
CHLORIDE		@		
ASC		@		
<u>Flo Seal</u>	<u>51lb</u>	@	<u>2.50</u>	<u>127.50</u>
HANDLING	<u>207 SK</u>	@	<u>2.40</u>	<u>496.80</u>
MILEAGE	<u>104 5/16 mile - minimum</u>			<u>312.00</u>
TOTAL				<u>3638.25</u>

EQUIPMENT KCC

PUMP TRUCK # 422 CEMENTER Alan HELPER Wayne

BULK TRUCK # 377 DRIVER LaRene

BULK TRUCK # DRIVER

REMARKS:

25 @ 2460 FT - Displace 32 BBL - Dip Mud

100 @ 1530 FT - Displace 9 BBL - Dip Mud

40 @ 275 FT - Displace 1 BBL - Dip Mud

100 @ 40 FT -

30 - Port Hole

*Thank You
Alan Wayne LaRene*

CHARGE TO: Grand Mesa Operations

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB	<u>2460'</u>		
PUMP TRUCK CHARGE			<u>1185.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>13</u>	@	<u>7.00</u>
MANIFOLD		@	
		@	
TOTAL			<u>1276.00</u>

RECEIVED
JUN 11 2009

KCC WICHITA PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL		

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PRINTED NAME Rich Wheeler

SIGNATURE Rich Wheeler

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS