

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

3/17/12

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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 # 30606
 Name: Murfin Drilling Company, Inc.
 Wellsite Geologist: Wesley D. Hansen
 Purchaser: None
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW
 Gas ENHR SIGW
 CM (Coal Bed Methane) Temp. Abd.
 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.: _____

<u>02/25/2010</u>	<u>03/05/2010</u>	<u>03/05/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 171-20755-00-00
 Spot Description: 880' FSL & 720' FEL
SE NW SE SE Sec. 31 Twp. 19 S. R. 33 East West
880 Feet from North / South Line of Section
720 Feet from East / West Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
 County: Scott
 Lease Name: Vulgamore Well #: 1-31
 Field Name: Wildcat
 Producing Formation: None
 Elevation: Ground: 2989' Kelly Bushing: 2994'
 Total Depth: 4840' Plug Back Total Depth: N/A
 Amount of Surface Pipe Set and Cemented at: 5 jts. @ 221 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 PANJ3-2310
 (Data must be collected from the Reserve Pit)
 Chloride content: 12,500 ppm Fluid volume: 780 bbls
 Dewatering method used: Evaporation and 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 15, 2010
 Subscribed and sworn to before me this 15th day of March,
 20 10
 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
 KANSAS CORPORATION COMMISSION
 MAR 17 2010

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

Operator Name: Grand Mesa Operating Company Lease Name: Vulgamore Well #: 1-31
 Sec. 31 Twp. 19 S. R. 33 East West County: Scott

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: Array Ind. Shallow Focussed Elect. Log, Compact Photo Density Comp. Neutron Micro Resistivity Log, Micro Res. Log, Compensated Sonic	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum <p style="text-align: center;">“ SEE ATTACHED SHEET FOR LOG TOPS ”</p> <p style="text-align: center;">400 7</p>
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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#	221'	Common	175sxs	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	4840'	60/40 Pozmix	280sxs	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, 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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Vulgamore #1-31
Sec. 31-19S-33W
Scott County, Kansas
Grand Mesa Operating Company
Spud 02/25/10
TD 03/05/10

LOG TOPS -- CONFIDENTIAL (2 YEAR)

Name	Top	Datum
Stone Corral	2200	+ 794
Bs/Stone Corral	2215	+ 779
Heebner	3864	- 870
Lansing	3916	- 922
Lansing "G"	4054	-1060
Muncie Creek	4106	-1112
Hushpuckney	4276	-1282
Marmaton	4376	-1382
Little Osage	4481	-1487
Morrow	4660	-1666
Morrow Chester Sand	4690	-1696
Mississippian	4784	-1790
LTD	4840	

RECEIVED
KANSAS CORPORATE COMMISSION

MAR 17 2010

CO. VULGAMORE #1-31

ALLIED CEMENTING CO., LLC. 039201

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

SERVICE POINT:
Oakley

DATE <u>2-25-10</u>	SEC. <u>31</u>	TWP. <u>19s</u>	RANGE <u>33W</u>	CALLED OUT	ON LOCATION	JOB START <u>9:00pm</u>	JOB FINISH <u>9:30PM</u>
LEASE <u>Vulgmore</u>	WELL # <u>1-31</u>	LOCATION <u>shallow water SW</u>			COUNTY <u>Scott</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>1 s winto</u>				

CONTRACTOR Murfin Drilling Rig 24
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 221'
 CASING SIZE 8 5/8 DEPTH 221'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT 13.12 OBL

OWNER Same
 CEMENT
 AMOUNT ORDERED 125 sks com
3% cc 2% gel

EQUIPMENT

PUMP TRUCK CEMENTER Andrew
 # 423-281 HELPER Lorene
 BULK TRUCK
 # 347 DRIVER Darrin
 BULK TRUCK
 # _____ DRIVER _____

COMMON	<u>125 sks</u>	@	<u>15.45</u>	<u>2703.75</u>
POZMIX		@		
GEL	<u>3 sks</u>	@	<u>20.80</u>	<u>62.40</u>
CHLORIDE	<u>6 sks</u>	@	<u>58.20</u>	<u>349.20</u>
ASC		@		
<small>RECEIVED KANSAS CORP. COMM. DIVISION</small>				
		@	<u>MAR 17 2010</u>	
		@		
		@		
		@		
HANDLING	<u>184 sks</u>	@	<u>2.40</u>	<u>441.60</u>
MILEAGE	<u>104 sk/mile</u>			<u>1104.00</u>
				TOTAL <u>4660.95</u>

REMARKS:

Cement did circulate

thank you

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

SERVICE

DEPTH OF JOB 221
 PUMP TRUCK CHARGE _____ 1018.00
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 104 miles @ 2.00 420.00
 MANIFOLD _____ @ _____
 _____ @ _____
 _____ @ _____

TOTAL 1438.00

PLUG & FLOAT EQUIPMENT

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

TOTAL _____

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

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 Anthony Martin
 SIGNATURE Anthony Martin

ALLIED CEMENTING CO., LLC. 039134

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

SERVICE POINT: Oakley, KS

DATE <u>3/5/10</u>	SEC <u>31</u>	TWP. <u>19</u>	RANGE <u>33</u>	CALLED OUT	ON LOCATION <u>8:00 AM</u>	JOB START <u>12:00</u>	JOB FINISH <u>1:00 PM</u>
LEASE <u>Vulgamore</u>	WELL # <u>1-31</u>	LOCATION <u>Shullon Water SW 1 S</u>		COUNTY <u>Scott</u>	STATE <u>KS</u>		

OLD OR NEW (Circle one) W, 100

CONTRACTOR Mar Fin 24

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D.

CASING SIZE DEPTH

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER Same

CEMENT

AMOUNT ORDERED 280 SKs 60/40 47 2 gel
1/4 lb Flo Seal

COMMON	<u>170</u>	@	<u>1545</u>	<u>2626 50</u>
POZMIX	<u>110</u>	@	<u>800</u>	<u>880 00</u>
GEL	<u>10</u>	@	<u>2000</u>	<u>200 00</u>
CHLORIDE		@		
ASC		@		
Flo Seal	<u>70 lb</u>	@	<u>2 50</u>	<u>175 00</u>
HANDLING	<u>293 SKs</u>	@	<u>2 40</u>	<u>703 20</u>
MILEAGE	<u>104 SK/mile</u>	@		<u>1798 00</u>
				TOTAL <u>6350 70</u>

EQUIPMENT

PUMP TRUCK CEMENTER Alan

422 HELPER Wayne

BULK TRUCK

396 DRIVER Jerry

BULK TRUCK

DRIVER

REMARKS:

50 SKs @ 2210' - 25 BBL Displacement

80 SKs @ 1170' - 514 BBL Displacement

40 SKs @ 570' - 24 BBL Displacement

40 SKs @ 240' - 1 BBL Displacement

20 SKs @ 60'

30 SKs @ Rat Hole

20 SKs @ mouse Hole

CHARGE TO: Grand Mesa

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE 1185 00

EXTRA FOOTAGE @ _____

MILEAGE 60 miles @ 200 420 00

MANIFOLD @ _____

TOTAL 1605 00

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

To Allied Cementing Co., LLC.

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PRINTED NAME Anthony Martin

SIGNATURE Anthony Martin

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS