

CONFIDENTIAL

12/10/08

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

12/05/10
Form ACO-1
October 2008
Form Must Be Typed

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 # 33575 **CONFIDENTIAL**
 Name: W W Drilling, LLC *DEC 05 2008*
 Wellsite Geologist: Robert J. Petersen
 Purchaser: None **KCC**
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW
 Gas ENHR SIGW
 CM (Coal Bed Methane) Temp. Abd.
 Dry Other _____
 (Core, WSW, Expl., Catholic, 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>08/11/08</u>	<u>08/18/08</u>	<u>09/09/08</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 165-21833-00-00
 Spot Description: _____
 NW NE SE NE Sec. 23 Twp. 17 S. R. 20 East West
1,515 Feet from North / South Line of Section
465 Feet from East / West Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
 County: Rush
 Lease Name: Moran Well #: 1-23
 Field Name: Wildcat
 Producing Formation: Cherokee Sand
 Elevation: Ground: 2156' Kelly Bushing: 2161'
 Total Depth: 4100' Plug Back Total Depth: 4060'
 Amount of Surface Pipe Set and Cemented at: 14 jts @ 596 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set: 1392 Feet
 If Alternate II completion, cement circulated from: 1644'
 feet depth to: Surface w/ 250 sx cmt.

Drilling Fluid Management Plan *ALP4NJ 22309*
 (Data must be collected from the Reserve Pit)
 Chloride content: 29,000 ppm Fluid volume: 1,000 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: December 5, 2008

Subscribed and sworn to before me this 5th day of December
20 08
 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

DEC 08 2008

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Operator Name: Grand Mesa Operating Company Lease Name: Moran Well #: 1-23
 Sec. 23 Twp. 17 S. R. 20 East West County: Rush **DEC 05 2008**

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: Dl Log; Comp. Neu./Density PE Log, Sonic Log, Micro Log, Dual Receiver Cement Bond 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: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr><td>Stone Corral</td><td>1387</td><td>+ 774</td></tr> <tr><td>Bs/Stone Corral</td><td>1421</td><td>+ 740</td></tr> <tr><td>Heebner</td><td>3526</td><td>-1365</td></tr> <tr><td>Lansing</td><td>3569</td><td>-1408</td></tr> <tr><td>B/KC</td><td>3838</td><td>-1677</td></tr> <tr><td>Pawnee</td><td>3924</td><td>-1763</td></tr> <tr><td>Cherokee Shale</td><td>3972</td><td>-1811</td></tr> <tr><td>Cherokee Sand</td><td>3990</td><td>-1829</td></tr> <tr><td>Arbuckle</td><td>4040</td><td>-1879</td></tr> <tr><td>LTD</td><td>4099</td><td></td></tr> </tbody> </table>	Name	Top	Datum	Stone Corral	1387	+ 774	Bs/Stone Corral	1421	+ 740	Heebner	3526	-1365	Lansing	3569	-1408	B/KC	3838	-1677	Pawnee	3924	-1763	Cherokee Shale	3972	-1811	Cherokee Sand	3990	-1829	Arbuckle	4040	-1879	LTD	4099	
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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#	596'	Common	375SX	3% CC, 2% Gel
Production	7 7/8"	5 1/2"	14#	4098'	EA-2	150SX	

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 type="checkbox"/> Squeeze	0-1644	SMD	150SX	1/4# SX Flocele
	Tailed w/	Standard	100SX	3% CC

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
4	3995-4004	500 Gal. MCA Acid, 15%	3995-4004
4	3983-3986	350 Gal. DSFE Acid, 15%	3995-4004
4	3990-3992		
4	3995-4004		

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: 3983-4004 RECEIVED KANSAS CORPORATION COMMISSION
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ALLIED CEMENTING CO., LLC. 32829

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

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SERVICE POINT:

DEC 05 2008

Ness City

DATE <u>8-11-08</u>	SEC. <u>23</u>	TWP. <u>17S</u>	RANGE <u>20W</u>	CALLED OUT <u>10:30 PM</u>	LOCATION <u>1:30 AM</u>	JOB START <u>3:00 AM</u>	JOB FINISH <u>4:00 AM</u>
LEASE <u>Moran</u>	WELL # <u>1-23</u>	LOCATION <u>58'E MLC CRACKEN TO RD 150</u>			COUNTY <u>RUSH</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		To Railroad crossing W/into					

CONTRACTOR W W MUFF Rig 2110
 TYPE OF JOB SURFACE
 HOLE SIZE 12 1/2 T.D. 596
 CASING SIZE 8 5/8 DEPTH 596
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 250 MINIMUM 50
 MEAS. LINE _____ SHOE JOINT 20
 CEMENT LEFT IN CSG. 20
 PERFS. _____
 DISPLACEMENT FRESH WATER 36 BBLs

OWNER Grand mesa
 CEMENT
 AMOUNT ORDERED 375st common + 3% CC + 2% GEL

EQUIPMENT
 PUMP TRUCK CEMENTER Dwayne W
 # 120 HELPER Alvin A
 BULK TRUCK
 # 344 DRIVER Carl S
 BULK TRUCK
 # _____ DRIVER _____

COMMON	<u>375st</u>	@	<u>13.65</u>	<u>5118.75</u>
POZMIX		@		
GEL	<u>7st</u>	@	<u>20.40</u>	<u>142.80</u>
CHLORIDE	<u>11st</u>	@	<u>57.15</u>	<u>628.65</u>
ASC		@		
HANDLING	<u>393st</u>	@	<u>2.25</u>	<u>884.25</u>
MILEAGE	<u>393 MI 10</u>		<u>30</u>	<u>1179.00</u>
TOTAL				<u>7953.45</u>

REMARKS:

PIPE ON BOTTOM BREAK circulation pump 375st common + 3% CC + 2% GEL SHUT DOWN and RELEASED PLUG and DISP WITH 36 BBLs OF FRESH WATER SHUT IN cement DID CIRCULATE

SERVICE

DEPTH OF JOB	<u>596'</u>			
PUMP TRUCK CHARGE				<u>999.00</u>
EXTRA FOOTAGE	<u>296'</u>	@	<u>.80</u>	<u>236.80</u>
MILEAGE	<u>30</u>	@	<u>7.00</u>	<u>210.00</u>
MANIFOLD	<u>Head RENT</u>	@	<u>111.00</u>	<u>111.00</u>

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TOTAL 1,556.80

CONSERVATION DIVISION
WIGHTA, KS
PLUG & FLOAT EQUIPMENT

<u>1-8 5/8 RUBBER PLUG</u>	@	<u>111.00</u>	<u>111.00</u>
	@		
	@		
	@		
	@		
TOTAL			<u>111.00</u>

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

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 Greg Krust
 SIGNATURE [Signature]

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

JOB LOG

SWIFT Services, Inc.

DATE 02-12-08 PAGE NO. 1

CUSTOMER GRAND MESA WELL NO. 1-23 LEASE MORAN JOB TYPE LONGSTRING TICKET NO. 13829

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) GAS	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0300							ONLOCATION, DISCUSS JOB, LAYING DOWN WELLY CMT: 150 SYS EA2
								CONFIDENTIAL DEC 05 2008 KCC RTD 4100, SET PIPE 40, 99, SJ 40, 33, TASEL 4059 5 1/2 IN", Port CATCH on TOP #66, 139 FT CENT 1, 2, 3, 4, 5, 6, 85, BASSET ON 66
	0405							START CSG & FLOW AERY
	0545							TAC BOTTOM - DROP BALL HOOKUP
	0550							BREAK CIRC & ROTATE PIPE
	0620		3 1/2 2 1/2					PLUG R/H M/H w/ 2550S
	0625	4.5	0		/		200	START MUD FLUSH
			12		-			" MCL "
			32		-			END FLUSHES
		5.0	0		/		200	START EA 2 CMT 1250S
			31		/			END
								DROP PLUG, WASHOUT PL,
	0640	5.7	0		/		100	START DISP
			67		-		150	CMT ON BOTTOM
			75		-		200	LIFT STOP ROTATING
			80		-		300	
			85		-		300	
			90		-		300	
			95		-		300	
	0700	4.0	99		-		300	DID NOT LAND PLUG RELEASE DRY!
								RECEIVED KANSAS CORPORATION COMMISSION DEC 08 2008 CONSERVATION DIVISION WICHITA, KS
								WASHUP PACUP TICKETS
	0830							JOB COMPLETE THANK YOU! DAVE, JOSH & JAVEN

JOB LOG

SWIFT Services, Inc.

DATE 08-20-08 PAGE NO. 1

CUSTOMER GRAND MESA WELL NO. 1-23 LEASE MORAN JOB TYPE SQ-HOLE TICKET NO. 13831

CHART NO.	TIME	RATE (BPM)	VOLUME (BB) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0830							ONLOCATION, SITUP, DISCUSS JOB CMT: LEAD 150 SMD 1/4" FLOOR, TAIL 100 STD 1/3" O.C. 278 X 5/2. HOLE @ 1644, PHL @ 1475
	0915						400	LOAD ANNS
	0925	2.5	2.0	✓		250		FWJ RATE
	0935	2.5	0	✓		250		START MIXING SMD CMT
		3.0	3.0	✓		300		CIRC MUD
		4.0	12.6	✓		250		CMT ON HOLE
		4.0	66.0	✓		400		
		4.0	85.0	✓		400		END SMD 150 SMD, START STD 3% CC
		4.0	93.0	✓		400		CIRC CMT TO PIT!
		4.0	106.0	✓		400		END STD CMT
								CLOSE IN, WASHOUT PL. OPEN T66
	1010	1.5	0	✓		100		START DISP
		2.5	8.5	✓		500		CLEAR PHL
		2.5	10.0	✓		500		
		2.5	11.0	✓		500		END DISP HOLDING 300#
								WASHUP TR. OPEN T66 200#
	1045		11.1	✓		300		STAGE ON CMT Bump up to 300#
	1050		11.2	✓		400		BLEED OFF TO 200# " " 400#
	1055		11.5	✓		400		" " " 300# Bump up to 400#
	1105		11.7	✓		400		" " " 300# " " 400#
	1130		11.7	✓		400		Hold 400# CLOSE IN
								PACKUP
								TICKETS
	1145							JOB COMPLETE
								THANK YOU!
								DAVE, JOSH B, DAVE K.

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KCO

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DEC 08 2008
CONSERVATION DIVISION
WICHITA, KS

JOB LOG

SWIFT Services, Inc.

DATE 09-02-08 PAGE NO. 1

CUSTOMER GRAND MESA WELL NO. 1-23 LEASE MORAN JOB TYPE ACIDIZE PERFS TICKET NO. 13814

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1315							DUPLICATION, DISCUSS JOB, SETUP RIG BROKEN! WAIT TO PERF. 5 1/4 14 1/2 TO 1060, PERFS 3995-4004 ACID: 500/15% MCA
	1430	6.0	0		/		0	SPOT ACID ON BOTTOM CONFIDENTIAL
		}	12		/		}	START WLL WATER
	1445	}	92.0		/		}	END
								DEC 05 2008
								KCC
								Racup
								THANK YOU!
								DAVEY JOSH

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DEC 08 2008
CONSERVATION DIVISION
WICHITA, KS

