

**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
October 2008  
Form Must Be Typed

12/22/11

**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 Co., Inc.  
Wellsite Geologist: Steven P. Carl  
Purchaser: NCRA

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., 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.: \_\_\_\_\_  
11/10/2009      11/21/2009      12/12/2009  
Spud Date or      Date Reached TD      Completion Date or  
Recompletion Date                Recompletion Date

API No. 15 - 063-21812-0000  
Spot Description: \_\_\_\_\_  
SE NW NW NW Sec. 32 Twp. 13 S. R. 31  East  West  
340 Feet from  North /  South Line of Section  
536 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Gove  
Lease Name: Hess Well #: 3-32  
Field Name: Wildcat  
Producing Formation: Cherokee Groups  
Elevation: Ground: 2908' Kelly Bushing: 2913'  
Total Depth: 4710' Plug Back Total Depth: 4698'  
Amount of Surface Pipe Set and Cemented at: 5jts @ 221' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 2410' Feet  
If Alternate II completion, cement circulated from: 2410'  
feet depth to: Surface w/ \_\_\_\_\_ 265 sx cmt.

Drilling Fluid Management Plan AKINS 1-8-10  
(Data must be collected from the Reserve Pit)  
Chloride content: 7200 ppm Fluid volume: 400 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: Ronald N. Sinclair /Ronald N. Sinclair  
Title: President Date: December 22, 2009

Subscribed and sworn to before me this 22nd day of December,

20 09  
Notary Public: Phyllis E. Brewer /Phyllis E. Brewer

Date Commission Expires: July 21, 2011

PHYLIS 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  
**\* DSTS NOT RECD \***  
**RECEIVED**  
**DEC 29 2009**

KCC WICHITA

Operator Name: Grand Mesa Operating Company Lease Name: Hess Well #: 3-32  
 Sec. 32 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 (Attach Additional Sheets)  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 (Submit Copy)  List All E. Logs Run: Compact Photo Den/Comp. Neu., Micro Resis. Log, Array Ind. Shallow Foc. Elec. Log, Comp. Sonic Log.	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum  "SEE THE ATTACHED SHEET FOR TOPS"  <div style="text-align: right; font-weight: bold; font-size: 1.2em;">                     RECEIVED                      DEC 29 2009                      KCC WICHITA                 </div>
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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	150sxs	3% CC, 2% Gel
Production	7 7/8"	5 1/2"	15.5#	4709	EA-2	175sxs	

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"/> Protect fresh water	0-2410	SMD	250sxs	

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
4	4498-4516'	17bbbls MCA Acid, 15%	4453'

TUBING RECORD: Size: <u>2 7/8"</u> Set At: <u>4675'</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>12/12/2009</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
Estimated Production Per 24 Hours	Oil Bbbls. <u>102</u>	Gas Mcf _____ Water Bbbls. <u>38</u> Gas-Oil Ratio _____ Gravity _____

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	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: <u>4498-4516'</u>
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Hess 3-32  
Sec. 32-13S-31W  
Gove County, Kansas  
Grand Mesa Operating Company  
Spud 11/10/09  
TD 11/21/09

LOG TOPS

Name	Top	Datum
Stone Corral	2386	+ 527
Bs/Stone Corral	2408	+ 505
Heebner	3894	- 981
Lansing	3938	-1025
Muncie Creek	4088	-1175
Stark Shale	4177	-1264
Hushpuckney Shale	4212	-1299
Marmaton	4268	-1355
Little Osage Shale	4397	-1484
Excello Shale	4422	-1509
Johnson Zone	4498	-1585
Morrow Shale	4520	-1607
Mississippian	4539	-1626
Spergen	4688	-1746
LTD	4709	

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# ALLIED CEMENTING CO., LLC. 044403

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

SERVICE POINT: OAKLEY KS

DATE <u>11-10-09</u>	SEC. <u>32</u>	TWP. <u>13</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION <u>5:30pm</u>	JOB START <u>5:30pm</u>	JOB FINISH <u>6:00pm</u>
LEASE <u>Hess</u>	WELL# <u>3-32</u>	LOCATION <u>Oakley 125-36-55 r/n</u>			COUNTY <u>Gove</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Murphy #24

TYPE OF JOB Surface

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

CASING SIZE 8 3/8 24" DEPTH 221

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15'

PERFS. \_\_\_\_\_

DISPLACEMENT 13.1

OWNER \_\_\_\_\_

CEMENT

AMOUNT ORDERED 150 Com 390cc

290sel

**EQUIPMENT**

PUMP TRUCK CEMENTER Fuzzie

# 431 HELPER Kelly DEC 11 2009

BULK TRUCK

# 377 DRIVER LaDene

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON	<u>150</u>	@	<u>15.45</u>	<u>2317.50</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>20.80</u>	<u>62.40</u>
CHLORIDE	<u>5</u>	@	<u>58.20</u>	<u>291.00</u>
ASC		@		
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HANDLING	<u>158</u>	@	<u>2.40</u>	<u>379.20</u>
MILEAGE	<u>.10 x 45K/mile</u>			<u>316.00</u>
TOTAL				<u>3366.10</u>

**REMARKS:**

Cement did circulate

Approx 5 BSH

Job complete @ 6:00pm

Thanks Fuzzie & crew

**SERVICE**

DEPTH OF JOB 221

PUMP TRUCK CHARGE 108.00

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 20 @ 7.00 140.00

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL 1158.00

CHARGE TO: Grand Mesa

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

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.

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

PRINTED NAME Anthony Martin

SIGNATURE Anthony Martin

**JOB LOG**

**SWIFT Services, Inc.**

DATE 11-20-09 PAGE NO. 1

CUSTOMER Command Mesa WELL NO. 3-32 LEASE Hess JOB TYPE 2-stage TICKET NO. 16715

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2150							21 log
								RTD 4710'
								5 1/2" x 15.5" x 4700' x 11'
								Cent. 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 56
								Back 4, 57
								D.V. 57 @ 2410'
	2300							start FE
	0120							Break circ
	0140	3.5	0			250		start Prof. 500 gal Mud flush
	0148	5.5	32/0			350		20 gal KEL flush
	0155		42					start Cement 175 sks FA-2
								End Cement
								Wash P/L
								Drop LD Plug
	0158	6	0			200		start Displacement water
	0207	6	60			200		start Mud
	0211	5	83			250		Catch Cement
	0216		112			250		hard Plug
								Rel press / Held
								Drop opening plug
								washup Trk
	0230					1200		Open DV
								Hook up to rig / circ 4 hrs
	0630	2.5	7/4					Plug RH+MH 50 sks SMD
	0640	3.5	0			200		start KEL flush
	0647	6	20/0			250		start Cement 250 sks SMD
	0708		147					End Cement
								Drop Plug / circ cement
	0711	5	0			150		start Displacement
		4	7			200		catch Cement
	0723		57			600		hard Plug & close DV.
								Release pressure
								DV Closed
								100 sks top it

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Thank you

Nicky, Josh P, Shane, & Blaine

JOB LOG

SWIFT Services, Inc.

DATE 12 03 09 PAGE NO. 7

CUSTOMER GRAND Mesa OPER. Co. WELL NO. 3-32 LEASE Hess JOB TYPE ACIDIZING PAUL JOB TICKET NO. 173576

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0750							ON LOCATION Swakawa
								TRAIL MARK PERES 4498'-4576'
								FAULT → SPOT 4576' Fwd DRY
								TREAT 4453'
								CS. 63' 1.4994 Bbl
								TD. 25.78287 Bbl
								TOTAL 27.28227 Bbl
0837	3		2	✓		VAC		SPOTTED ACID
0847	3 <sup>PL</sup>							MOVE TOOL PACK OFF HEAD
0909	3		2.1	✓				START PUMP IN
0911	3		5	✓				START BALLS
0914	3		14	✓				BALLS AWAY
0915	3		19	✓				ON FINISH
0918	.18		26.75	✓		200		LOADED
0919	.18		26.75	✓		500		STABILIZ 100# BLEND OFF @ 1 MIN 2 SEC.
0922	.18		27	✓		1000		"
0925	.18		27.1	✓		1200		"
0928	.18		27.25	✓		1400		"
0936	.18		27.75	✓		1500		" 100# LOSS @ 1 MIN 1/2 Bbl out
0941	.18		28	✓		1500		" 100# LOSS @ 45 SEC.
0947	.18		29.50	✓		300		BREAK
0947	1.7		29.75	✓		800		BUILDUP
0948	1.2		30.75	✓		1200		BUILDUP
0948	1.2		31.25	✓		0		BREAK RECEIVED
0949	2.8		3.3	✓		0		DEC 29 2009
0952	0		42	✓		VAC		2 BPM KCC WICHITA
								REN DOWN
								TEKST
								Job Completed
1225								THANK YOU DUSTY! JEFF-
								REG TAPPED @ 2600'