

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

9/28/11

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 # 30606  
Name: Murfin Drilling Company, Inc.  
Wellsite Geologist: Kevin L. Kessler  
Purchaser: None

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Designate Type of Completion:

- New Well  Re-Entry  Workover
- Oil  WSW  SWD  SLOW
- 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 #:

07/24/2010 08/02/2010 08/02/2010  
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 135-25113-00-00  
Spot Description: 954' FNL & 562' FWL  
NE SW NW NW Sec. 36 Twp. 18 S. R. 22  East  West  
954 Feet from  North /  South Line of Section  
562 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Ness  
Lease Name: Foos Well #: 6-36  
Field Name: Bazine Dry Creek  
Producing Formation: Arbuckle  
Elevation: Ground: 2153' Kelly Bushing: 2158'  
Total Depth: 4750' Plug Back Total Depth: 4602'  
Amount of Surface Pipe Set and Cemented at: 34 jts. @ 1429' 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: 17,200 ppm Fluid volume: 800 bbls  
Dewatering method used: Evaporate, backfill & level location.

Location of fluid disposal if hauled offsite:

Operator Name:  
Lease Name: License #:  
Quarter Sec. Twp. S. R.  East  West  
County: Permit #:

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: [Signature]  
Title: President Date: 09/28/2010

KCC Office Use ONLY

- Letter of Confidentiality Received Date: 9/28/10 - 9/28/11
- Confidential Release Date:
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: [Signature] Date: 10/1/10

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Operator Name: Grand Mesa Operating Company Lease Name: Foos  
 Sec. 36 Twp. 18 S. R. 22  East  West County: Ness Well #: 6-36

**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 checked="" type="checkbox"/> Yes <input 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: <b>DI Log, Comp. Neutron/ Density PE Log; Dual Receiver Cement Bond Log</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum  <p style="text-align: center;"><b>“SEE ATTACHED SHEET FOR LOG TOPS”</b></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"	23#	1429'	SMD	400	
Production	7 7/8"	5 1/2"	15.5#	4617'	EA-2	175	

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				

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
		1,000 Gals. 28% FE Acid	4591'
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TUBING RECORD: Size: <u>2 7/8"</u> Set At: <u>4603'</u> Packer At: <u>4603'</u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <b>Pending UIC Approval</b>	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 checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Foos 6-36  
Sec. 36-18S-22W  
Ness County, Kansas  
Grand Mesa Operating Company  
Spud 07/24/10  
TD 08/02/10

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LOG TOPS -- CONFIDENTIAL (1 YEAR)

Name	Top	Datum
Bs/Stone Corral	2445	+ 509
Stone Corral	1418	+ 740
Heebner	3637	-1479
Lansing	3682	-1524
Bs/KC	3968	-1810
Pawnee	4090	-1932
Cherokee Shale	4158	-2000
Ft Scott	4172	-2014
Conglermate Chert.	4242	-2084
Mississippian	4269	-2111
Gilmore City	4368	-2210
Viola	4437	-2279
Arbuckle	N/A	N/A
LTD	N/A	N/A

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JOB LOG

SWIFT Services, Inc.

DATE 25 July 10 PAGE NO. 7

CUSTOMER GRAND MESA

WELL NO.

LEASE F005 6-36

JOB TYPE CEMENT 8 5/8

TICKET NO. 18807

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1930							ON LOCATION
	2215							START PIPE. 8 5/8-23#
								RTDE 1429 TOTAL PIPE-1435
								SHOE SI 26,30
								CENTRALIZERS 1, 15, 32
	0002							CIRCULATE.
	0013	6	12,20				200	Pump 500 gal mud FLUSH / 20 BBL KCL FLUSH
	0020	6					200	MIX CEMENT.
			46					100 SX @ 11.8 ppg
			38					100 SX @ 12.5 ppg.
			34					100 SX @ 13 ppg
			26					100 SX @ 14.5 ppg
			144					TOTAL BBL OF CEMENT PUMPED
	0056							RELEASE PLUG.
	0058	6					200	DISPLACE PLUG.
	0115	Ø	91,8				500	PLUG DOWN - SAWD WELL IN.
								CIRCULATE 80 SX TO PIT
	0120							WASH TRUCK
	0145							JOB COMPLETE
								THANKS #110
								JASON, JEFF, ROB.

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**JOB LOG**

**SWIFT Services, Inc.**

DATE 2 AUG-10 PAGE NO.         

CUSTOMER Grand Mesa WELL NO. 6-36 LEASE Focs JOB TYPE cement long string TICKET NO. 18776

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sks EA-2 p/ter shoe 5 1/2 15.5# centralizers 1, 3, 5, 7, 9, 11 TD= 4750 no part collar total pipe 4657' 468' no baskets set 4656' 4617' shoe joint 20ft - Baffle 4597
	0600							on location
	0715							start pipe - 6 centralizers
	0800							TRK 114 on location
	0910							hook up - circulate
	0912	1 1/2	17			1600		set packer shoe w/truck 1600/lbs
		6	22			200		pump mud flush & KCH
	0920	2	7					plug rat hole 30 sks & mouse hole 20 sks
	0930	4	38			300		start cements 125 sks
	0949							wash out puppie line
	0950	6 3/4						Drop plug - start displacement
		6 3/4	85			300		begin lift cnts
	1005					1400		land plug
								release - held
	1010							job complete
								wash up truck
								Thanks Dore, John, Beth, Blane
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JOB LOG

SWIFT Services, Inc.

DATE 9-22-10 PAGE NO. 1

CUSTOMER *Ground Mass* WELL NO. *SWD* LEASE *Foss* JOB TYPE *Acid* TICKET NO. *18137*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1100					2 7/8	5 1/2	Dr location - Set up Trk
								Wait for WTR tok
								TD 4750
								PKR swing @ 4591
								Start 1000 gal 28% FEA acid
			24					Fin Acid - Start 1881 H <sub>2</sub> O
			25					Set PKR
								Continue 80 BBL H <sub>2</sub> O
						700		Load 2 BBL Pumped
		4	28			900		Est. < 1 BPM @ 900
		4 1/4	30			800		Press Decrease
		5 1/2	35			700		Increase Rate 5 1/2
		5 1/2	50			600		Flush
		5 1/2				400		
			104			400		Fin Flush
	1100							ISEP Vnc
	1130							Job Complete

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Thanks  
Don't Doug

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