

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

RECEIVED ORIGINAL

SEP 16 2010

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
Blanks must be Filled

KCC WICHITA

9/15/11

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 **KCC**
CONTRACTOR: License # 30606 **SEP 15 2010**
Name: Murfin Drilling Company, Inc.
Wellsite Geologist: Steven P. Carl **CONFIDENTIAL**
Purchaser: NCRA

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- 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 #: _____

07/22/2010 07/31/2010 08/28/2010

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 063-21853-00-00

Spot Description: 355' FNL & 1760' FEL

SW NE NW SE Sec. 32 Twp. 13 S. R. 31 East West

355 Feet from North / South Line of Section

1,760 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Gove

Lease Name: Hess Well #: 5-32

Field Name: Wildcat

Producing Formation: Lansing/KC

Elevation: Ground: 2937' Kelly Bushing: 2942'

Total Depth: 4670' Plug Back Total Depth: 4652'

Amount of Surface Pipe Set and Cemented at: 5 jts. @ 220 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 2446 Feet

If Alternate II completion, cement circulated from: 2446'

feet depth to: Surface w/ 300 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 8,000 ppm Fluid volume: 630 bbls

Dewatering method used: Evaporate, backfill and 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 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: Ronald N. Sinclair / Ronald N. Sinclair

Title: President Date: 09/15/2010

KCC Office Use ONLY

Letter of Confidentiality Received
Date: 9/15/10 - 9/15/11

Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: NS Date: 9-27-10

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SEP 16 2010

Side Two

Operator Name: Grand Mesa Operating Company

Lease Name: Hess

Well #: 5-32

Sec. 32 Twp. 13 S. R. 31 East West

County: Gove

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KCC WICHITA

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 Yes No
(Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No

Electric Log Submitted Electronically Yes No
(If no, Submit Copy)

List All E. Logs Run:

Compact Photo Den/Comp. Neutron Micro-resistivity Log; AISF Log; Dual Rec. Cmt Bnd Log

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Bs/Stone Corral	2442	+ 500
Heebner	3936	- 994
Lansing	3978	-1036
Muncie Creek	4130	-1188
Hushpuckney	4254	-1312
Marmaton	4317	-1375
Little Osage	4440	-1498
Johnson	4540	-1598
Morrow	4566	-1624
Mississippian	4586	-1644
LTD	4662	

CASING RECORD New 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#	220	Common	165	3%CC, 2%Gel
Production	7 7/8"	5 1/2"	15.5#	4662	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 <input checked="" type="checkbox"/> Protect fresh water	0-2446'	SMD	300	12 bbls Mud Flush; 20 bbls KCL Flush

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	4204-4209	300 Gal. 15% HCL Acid	4204-09'
4	4026-4031' & 4036-4041'	500 Gal. 15% MCA Acid	4026-31' & 4036-41'

TUBING RECORD: Size: 2 7/8" Set At: 4152' Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. <u>August 28, 2010</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 Bbls. <u>37</u> Gas Mcf _____ Water Bbls. <u>17</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. (Submit ACO-5) <input type="checkbox"/> Commingled (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4204-09'; 4026-31'; 4036-41'</u>
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

JOB LOG

SWIFT Services, Inc.

DATE 7-31-10 PAGE NO. 1

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Grand Mesa		5-32		Hess		Cement Two-Stage			
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	1030								On Location 5 1/2 15.5# Cent. 2, 4, 6, 8, 10, 12, 14, 16, 18, 53 TD-4670' TP-4667' Basket-2, 54 PS-4662' D.V. Tool-#54 2446' SJ-10' KCC SEP 15 2010
	1100								Start 5 1/2 Casing CONFIDENTIAL Break Circulation
	1345	6 3/4	32	✓		200			Pump 500 gal Mudflush + 20661 KCL Flush
		4 1/2		✓		200			Start Cement 175 sks EA-2 @ 15.5 ppm
			42						Shut Down-Release Plug-Wash Pump Lines
	1400	6 3/4		✓		200			Start Displacement
		6 3/4	83	✓		400			Lift Cement RECEIVED
						800			Max Lift SEP 16 2010
	1415		110.8			1500			Land Plug-Release-Held KCC WICHITA Drop Bomb-Letfall Wash Truck
	1430								Open D.V. Tool-Good Circulation Circulate for 2 hrs
	1605	6 3/4	20	✓		200			Pump KCL Flush
	1620	3	7	✓					Plug Rat Hole 30 sks
	1615	3	5	✓					Plug Mouse Hole 15 sks
	1620	6		✓		200			Start Cement 255 sks 5MBC @ 16.2 ppm
			141						Shut Down-Release Plug
		6		✓					Start Displacement
		6	44						Cement to Surface
									25 sks to pit
	1655		58.2	✓		1750			Land Plug-Close D.V. Tool Wash Truck
	1730								Job Complete Thank you Brett, Skins, Dave, Gialleon, & Joe

HEAT WAVES HOT OIL SERVICE, LLC

Field Ticket

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SEP 15 2010
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Customer <i>Grande Mesa</i>	Driver <i>Dexter</i>	HW Office <i>GC</i>	Svc Date <i>8-17-10</i>	Field Ticket # <i>40612</i>
Lease <i>Hess 5.32</i>	County <i>Gove</i>	State <i>Ks</i>	Truck # <i>1</i>	Total # Hours <i>7</i>
Invoice # <i>113019</i>				

HOT OIL & PRESSURE JOBS

Qty	Units	Description of Work				
	HR	FRAC HEATING USE FRAC HEATER TRUCK TO HEAT WATER IN FRAC TANK				
	HR	HOT OILING - PROCESSING SYSTEM PULLED BOTTOM				
		TANK #	BBLS WATER	BBLS OIL	PRODUCTION TANK	PRODUCTION LINE
		TANK #	BBLS WATER	BBLS OIL	WATER TANK	WATER LINE
		TANK #	BBLS WATER	BBLS OIL	FRAC TANK	
		TANK #	BBLS WATER	BBLS OIL	HEATER TREATER/ GUN BARREL	
		HOT OILING - EXTRACTION SYSTEM				
		RODS & TUBING	BACKSIDE / CASING	FLOWLINE		
	HR	LOADING/PRESSURE TESTING				
		RODS & TUBING	BACKSIDE / CASING	FLOWLINE	MIT	

ACID JOBS

Qty	Units	Item	Max Pressure	Rate	Qty	Units	Item
<i>7</i>	HR	ACIDIZING WELL				EACH	BALL LAUNCHER
<i>1</i>	PER USE	PUMP FEE				EACH	BALLS

MISC

Qty	Units	Item	Comments
	HR	SECOND MAN LABOR	
	FLAT	CATCH TRAILER	
	HR	WATER HAULING	
	BBL	DISPOSAL FEE	

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CHEMICALS

Qty	Units	Chemical	Qty	Units	Chemical	Qty	Units	Chemical
	GAL	PROPANE	<i>3</i>	GAL	<i>SP-350</i>	<i>36</i>	BBL	<i>2% KCL</i>
<i>300</i>	GAL	<i>15% HCL</i>	<i>1</i>	GAL	<i>WSI-7360A</i>		BAG	
<i>3</i>	GAL	<i>S-8900</i>	<i>1</i>	GAL	<i>swell bon</i>	<i>1/2</i>	gal	<i>SH-2590</i>
<i>2</i>	GAL	<i>WSF-9020</i>	<i>1/2</i>	GAL	<i>Feban</i>			

COMMENTS

4204-4209'

Driver's Signature <i>Dexter</i>	Approved <i>JJ</i>	Requested by <i>John</i>
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JOB LOG

SWIFT Services, Inc.

DATE 10/16/10 PAGE NO. 7

CUSTOMER *Grand Mesa* WELL NO. LEASE *Hess 5-32* JOB TYPE *Acidize perf's* TICKET NO. *18792*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								300 gal 15% NICA
								perf 39ED perfs 4026-31 4036-41
								2 7/8 x 5 1/2 Railing + 18 balls
	1510							on loc TRK 114
	1530							start down hole
		3	∅			∅		100 gals
								300 gal - 18 balls
								100 gal
								500 gal
		3	12					switch to flush
		3	23			500		1000 tubing - fall off quickly
		1/2	23 1/2			300		
		1	25			375		increase to 1 bpm
		1/2	27			300		
		2	30			325		
	1550		38					2 bbl over flush
	1558					∅		Kick out 1 SIP 225
								VACUUM - 8 min
								Rack up
	1620							job complete

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Thank you
Dave Blaine