

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

4/14/10

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

KCC

APR 14 2010

CONFIDENTIAL

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.: _____
02/11/2010 02/19/2010 03/30/2010
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 063-21825-00-00
Spot Description: 1315' FNL & 1910' FEL
SW SE NW NE Sec. 32 Twp. 13 S. R. 31 East West
1315 Feet from North / South Line of Section
1910 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Gove
Lease Name: Hess Well #: 4-32
Field Name: Maurice Northeast
Producing Formation: Lansing
Elevation: Ground: 2952' Kelly Bushing: 2957'
Total Depth: 4640' Plug Back Total Depth: 4620'
Amount of Surface Pipe Set and Cemented at: 5 jts @ 213' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 2430' Feet
If Alternate II completion, cement circulated from: 2430'
feet depth to: Surface w/ 265 sx cmt.

Drilling Fluid Management Plan AH II NO 4-16-10
(Data must be collected from the Reserve Pit)
Chloride content: 10,400 ppm Fluid volume: 700 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: _____
Title: President Date: 04/14/2010

Subscribed and sworn to before me this 14th day of April, 2010.

Notary Public: Phyllis E. Brewer / 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 **RECEIVED**
 Geologist Report Received **APR 14 2010**
 UIC Distribution

KCC WICHITA

Operator Name: Grand Mesa Operating Company Lease Name: Hess Well #: 4-32 APR 14 2010
 Sec. 32 Twp. 13 S. R. 31 East West County: Gov **CONFIDENTIAL**

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: Compac Photo Density Compensated Neutron Micro Resistivity Log, Array Induction Shallow Focussed Electric Log, Dual Receiver Cement Bond Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Datum</th> </tr> </thead> <tbody> <tr><td>Stone Corral</td><td>2437</td><td>+ 520</td></tr> <tr><td>Bs/Stone Corral</td><td>2457</td><td>+ 500</td></tr> <tr><td>Hecbner</td><td>3958</td><td>-1001</td></tr> <tr><td>Lansing</td><td>3996</td><td>-1039</td></tr> <tr><td>Muncie Creek</td><td>4150</td><td>-1193</td></tr> <tr><td>Hushpuckney</td><td>4273</td><td>-1316</td></tr> <tr><td>Marmaton</td><td>4331</td><td>-1374</td></tr> <tr><td>Ft. Scott</td><td>4467</td><td>-1510</td></tr> <tr><td>Johnson</td><td>4555</td><td>-1598</td></tr> <tr><td>Morrow</td><td>4576</td><td>-1619</td></tr> <tr><td>Mississippian</td><td>4606</td><td>-1649</td></tr> <tr><td>LTD</td><td>4641</td><td></td></tr> </tbody> </table>	Name	Top	Datum	Stone Corral	2437	+ 520	Bs/Stone Corral	2457	+ 500	Hecbner	3958	-1001	Lansing	3996	-1039	Muncie Creek	4150	-1193	Hushpuckney	4273	-1316	Marmaton	4331	-1374	Ft. Scott	4467	-1510	Johnson	4555	-1598	Morrow	4576	-1619	Mississippian	4606	-1649	LTD	4641	
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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#	213	Common	165	3% CC, 2% Gel
Production	7 7/8"	5 1/2"	15.5#	4630	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	0-2430'	SMD	265	

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)	
		Amount and Kind of Material Used	Depth
4	4564-4569'	400 Gal. 15% MCA Acid	4564-4569'
4	4223-4229'	500 Gal. 15% MCA Acid	4223-4229'

TUBING RECORD: Size: <u>2 7/8"</u> Set At: <u>4600'</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. <u>03/30/2010</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>40</u>	Gas Mcf _____	Water Bbls. <u>33</u> Gas-Oil Ratio _____ Gravity <u>34.5</u>

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 RECEIVED <u>4223-4229'</u> <u>APR 14 2010</u>
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JOB LOG

SWIFT Services, Inc.

DATE 2-19-10 PAGE NO. 1

CUSTOMER Grand Mesa WELL NO. 4-32 LEASE Hess JOB TYPE 2-stage TICKET NO. 16871

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0830							cc lac w/ FE RCC APR 14 2010
								RTD 4640' CONFIDENTIAL 5 1/2" x 15.5# x 4634' x 10' Cort 1, 4, 7, 10, 13, 15, 17, 56 Bask 2, 57 DU 57 @ 2430'
	0915							start FE
	1125							Break Circ.
	1140	4	0			150		Start Pref. 500gal Mat Flush 20 bbl KCL Flush
	1148	5.5	32/0			200		Start Cement 175 sks EA-2
	1154		42					End Cement Wash P & L Drop Plug
	1157	6.5	0			200		Start Displacement
	1212	5	85			300		Catch Cement
	1217		110			800/1400		Land Plug Release Pressure / Held Drop Opening Plug Open DV Line 4 hrs
	1520	2.5	7/4					Plug RH & MH 35 sks SMD
	1530	3.5	0			100		Start KCL flush
	1535	4.5	20/0			100		Start Cement 265 sks SMD
	1535		154					End Cement Drop Closing Plug
	1618	4	0			50		Start Displacement / circ cement
		4	25			100		Catch Cement
	1635		59			500		Land Plug
						1400		Close D.V. Release Pressure / DV closed

Nick Fische
Anthony [Signature]

← RECEIVED → circ 50 sks to pit

APR 14 2010

Thank you
Nick, Josh F. & Rob

KCC WICHITA

JOB LOG

SWIFT Services, Inc.

DATE 030410 PAGE NO. 7

CUSTOMER GRAND Mesa Oper. WELL NO. 4-32 LEASE Hess JOB TYPE ACEDERE TICKET NO. 18400

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (Est)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0745							ON LOCATION GONZALES SWABING
								PERFS 4564'-4569'
								Fluor 20' Spot 4578' 1.5861
								2 7/8 x 5 1/2 Treat 4547
								CS. 22' .5236861
								Tb. 4547' 26.327131361
								TOTAL 26.85073
	0803	2	1.5	✓		VAC		SPOTTED ACED
	0824	3.75	1.6	✓		0		START PUMPING. KCC
	0826	3.75	9.5	✓		0		ON FLUSH APR 14 2010
	0831	0	2.5	✓		VAC		SHUT DOWN LET LOAD CONFIDENTIAL
	0831	0	26.5	✓		0		LOADED
	0833	.18	26.5	✓		500		STAGING
	0836	.18	26.5	✓		800		"
	0841	.18	26.5	✓		1000		" 200# BLEED OFF IN 10 MEN
	0844	.18	26.5	✓		1100		"
	0846	.18	26.75	✓		1200		STAGING
	0900	.18	26.75	✓		1300		"
	0938	.18	27	✓		1300		" 200# BLEED OFF IN 10 MEN
	1006	.18	27.25	✓		1400		"
	1040	.18	27.50	✓		1500		BLEED BACK 2 x's
	1110	0	27.50	✓		1500		RELEASED BACK 1/4 B61
								REL DOWN
								TICKET
	1130							JOB COMPLETED
								THANK YOU JUSTY! JEFF
								1728' ACED IN WELL
								2819' KCL 1/2 0
								SWAB TO 2400'

RECEIVED
APR 16 2010
KCC WICF117

JOB LOG

SWIFT Services, Inc.

DATE 03 05 10 PAGE NO. 7

CUSTOMER GRAND MESA OPER. CO.

WELL NO. 4-32

LEASE Hess

JOB TYPE ACCEDEE

TICKET NO. 18477

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0752							ON LOCATION GONZALES SWABHOLE
								RCC TAN SEATKNEE PERFS. 4223-29 FEDH SPOT 4230 2 7/8 x 5 1/2 TREAT 4170 CS. 59' 1.4042 Bbl TB. 4170' 24.1443 Bbl TOTAL 25.5485 Bbl
	0834	3.0	1	✓		VAC		SPOTTED ACID
	0843							MOVIE PACKER
	0856	3	1.1	✓		0		START PUMPENH
	0859	2	12	✓		0		ON FLUSH
	0902	4-0	24.75	✓		VAC		SITHT DOWN TO LET LOAD
	0902	0	25	✓		0		LOADED 1/2 Bbl SHURT
	0903	.18	25	✓		300		STALING INCREASE 100# EVERY 5 MEN. FROM 500#'s
	0908	.18	25	✓		500		STALING
	0913	.18	25	✓		600		100# LOSS @ 3 MEN
	0918	.18	25	✓		700		STALING
	0923	.18	25	✓		800		125# LOSS @ 5 MEN
	0928	.18	25	✓		900		STALING
	0933	.18	25	✓		1000		125# LOSS @ 5 MEN
	0938	.18	25.25	✓		1100		STALING
	0943	.18	25.25	✓		1200		150# LOSS @ 5 MEN
	0948	.18	25.25	✓		1300		STALING
	0953	.18	25.50	✓		1400		175# LOSS @ 5 MEN
	0958	.18	25.50	✓		1500		STALING LET SET
	1004	0				1050		450# DROP 10 MEN
	1008	.18	25.75	✓		1300		LET SET 10 MEN 1/2 CHECK
	1018	.0	25.75	✓		950		
	1019	.18	25.75	✓		1400		
	1029	.18	24.25	✓		1400		350# DROP
	1035	.0	26.25	✓		1000		350# DROP RELEASE BACK
								RECEIVED APR 14 2010 KCC WICHITA
	1100							REG DOWN TICKET Job Completed THANK YOU DUSTY & JEFF