

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

5/27/11

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 # 33905
Name: Royal Drilling, 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.)

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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.: _____
03/25/09 04/03/09 04/30/09
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 063-21768-00-00
Spot Description: 2090 FSL & 1900 FEL
SW NE NW SE Sec. 32 Twp. 13 S. R. 31 East West
2090 Feet from North / South Line of Section
1900 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Gove
Lease Name: Hess Well #: 1-32
Field Name: Wildcat
Producing Formation: Mississippian
Elevation: Ground: 2940' Kelly Bushing: 2945'
Total Depth: 4700' Plug Back Total Depth: 4670'
Amount of Surface Pipe Set and Cemented at: 5 jts. @ 220' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 2412 Feet
If Alternate II completion, cement circulated from: 2412
feet depth to: Surface w/ 210 sx cmt.

Drilling Fluid Management Plan AK II 7-7-09
(Data must be collected from the Reserve Pit)
Chloride content: 23,100 ppm Fluid volume: 875 bbls
Dewatering method used: Evaporation and 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: May 27, 2009

Subscribed and sworn to before me this 27th day of May,
20 09.
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
MAY 28 2009

5/28/2009 KCC WICHITA

Operator Name: Grand Mesa Operating Company Lease Name: Hess Well #: 1-32
 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 <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: Comp. Neutron w/Micro Resistivity Log, Comp Sonic w/Integrated Transit Times, Array Induction Shallow Focused Elect. Log, Dual Receiver Cement Bond Log.	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CONFIDENTIAL SHEET FOR LOG TOP INFORMATION
 MAY 27 2009
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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#	220	Common	160	3% CC, 2% Gel
Production	7 7/8"	5 1/2"	15.5#	4692'	Standard	150	

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	0-2412'	SMD	210	

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	4596-4601'	Frac Job-14,000# 20/40 Mesh Sand and 423 bbls Cross-Link gelled fresh water	4596-4601
		Acid Job-250 gal. MCA Acid 15%	4596-4601

TUBING RECORD: Size: <u>2 7/8"</u> Set At: <u>4663'</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>April 30, 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 Bbls. <u>20</u>	Gas Mcf <u>-0-</u> Water Bbls. <u>110</u> Gas-Oil Ratio Gravity <u>33</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 INTERVAL: <u>4596-4601'</u>
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Hess 1-32
Sec. 32-13S-31W
Gove County, Kansas
Grand Mesa Operating Company
Spud 3/25/09
TD 4/3/09

LOG TOPS

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Name	Top	Datum
Bs. Stone Corral	2460	+ 485
Heebner	3956	-1011
Lansing	3995	-1050
Stark Shale	4238	-1293
Hushpuckney Shale	4272	-1327
Bs/KC	4308	-1663
Marmaton	4329	-1384
Little Osage Shale	4452	-1507
Excello Shale	4476	-1531
Johnson Zone	4542	-1597
Morrow Shale	4572	-1627
Morrow Sand	4595	-1650
Mississippian	4611	-1666
LTD	4692	

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JOB LOG

6/04/09

SWIFT Services, Inc.

DATE 4-2-09 PAGE NO. 1

CUSTOMER Grand Mesa WELL NO. #132 LEASE Hess JOB TYPE Cement Long string TICKET NO. 15864

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2230							on log w/ FE
								RTD 4700' LTD 4690' 5 1/2" x 15.5# x 4700' x 10' Cent. 1, 2, 8, 4, 6, 10, 12, 57 Basket 58 P.C. 58 @ 2412' Run #s 1, 63, 2, 7, 8, 3 then in order Last 2 jts out
	2305							start FE
	0220							Break circulation
	0255	2.5	7/4					Plug RH & MH 30/20 sks EA-2
	0305	4	0			200		start Mudflush
		4	12	CONFIDENTIAL		200		start KCL flush
	0313	5.5	20/0	MAY 27 2009		250		start Cement
	0319		32	NO				End Cement Wash P+L Drop Plug
	0323	6	0			200		start Displacement
	0335	5	80			250		Catch Cement
	0340		112			800/1600		Land Plug Release Pressure Float Hold

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Thank you
Nick, Josh F. & Dave K

JOB LOG

*WPC
6/14/09*

SWIFT Services, Inc.

DATE *4-27-09* PAGE NO. *1*

CUSTOMER *Grand Mesa* WELL/NO. *#1-32* LEASE *Hess* JOB TYPE *Cement Port Collar* TICKET NO. *15931*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	<i>0800</i>							<i>on loc set up Trk</i>
								<i>2 7/8" x 5 1/2" P.C. @ 2412'</i> <i>RBP @ 3890'</i> <i>Tbg @ 3870'</i>
	<i>0850</i>	<i>3</i>	<i>0</i>			<i>200</i>		<i>Turn Hole over</i>
	<i>0920</i>		<i>80</i>					<i>Hole Turned over</i>
	<i>0925</i>	<i>3</i>	<i>0</i>			<i>200</i>		<i>Spot Sand</i> <i>Sand spotted</i>
			<i>20</i>					
	<i>1050</i>						<i>1000</i>	<i>locate P.C.</i> <i>Test Csg</i> <i>Open P.C.</i>
	<i>1055</i>	<i>3.5</i>	<i>5</i>			<i>200</i>		<i>Take injection rate & check Blow</i>
	<i>1100</i>	<i>4</i>	<i>0</i>			<i>300</i>		<i>Start Cement</i>
		<i>4</i>	<i>100</i>			<i>500</i>		<i>Raise weight</i>
		<i>4</i>	<i>105/0</i>			<i>500</i>		<i>End Cement/Start Displacement</i>
	<i>1130</i>	<i>4</i>	<i>13</i>			<i>800</i>		<i>Cement Displaced</i>
								<i>close P.C.</i>
	<i>1135</i>						<i>1000</i>	<i>Test Csg</i>
	<i>1145</i>	<i>3</i>	<i>0</i>				<i>150</i>	<i>Run 4jts reverse out</i> <i>Hole Clean</i> <i>Run down to RBP</i>
			<i>20</i>					
	<i>1230</i>	<i>3</i>	<i>0</i>				<i>200</i>	<i>Circ sand out of Hole</i> <i>Hole Clean</i>
			<i>30</i>					

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Thank you
Nick, Josh P. & Rob

JOB LOG

6/10/09

SWIFT Services, Inc.

DATE 041609 PAGE NO. 9

CUSTOMER GRAND MESA OPERATIONS Co. WELL NO. #1-32 LEASE ITSS JOB TYPE ACIDIZE FORMATION TICKET NO. 16232

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0805							ON LOCATION FRETZLER WORK EN FOR SWAB TEST
								TAG 4400 PERFS, 4596-4601 9', 2142 Bbl
								FDD. HT. 201' SPOT 4601 1.58 Bbl
								2 7/8 x 5 1/2 TREAT 4587 25,18263 Bbl
								CAPACITY 25,39683 Bbl
	0901				✓			MOVE TOOL TO SWAB! SPOT ACID
	0919	3	1.5		✓		VAC	SPOT ACID
	0925							MOVE TOOL TO TREAT
	0931	3.2	1.6		✓		0	START PUMPEN.
	0933	3	1.6		✓		0	ON FLUSH
	0940	0	24		✓		VAC	SHUT DOWN LET LOAD
	0945	0	26.25		✓		0	LOADED 3/4 Bbl OVER
	0947	.18	26.25		✓		300	STAGNANT SLIGHT DROP IN PRESSURE
	0948	.18	26.25		✓		400	CONFIDENTIAL "
	0949	.18	26.3		✓		500	MAY 27 2009 "
	0949	.18	26.4		✓		600	" "
	0951	.18	26.5		✓		700	" "
	0953	.18	26.7		✓		800	" "
	0954	.18	27		✓		900	" "
	0955	.18	27.25		✓		1000	" "
	0959	.18			✓		1100	" "
	0959	.18	27.75		✓		1200	" "
	1008	.18	27.9		✓		1300	" "
	1023	.18	28		✓		1250	FEEDING BREVET
	1023	.25	28.25		✓		775	
	1024	.3	28.5		✓		575	
	1025	.5	29.75		✓		400	
	1028	.5	31		✓		300	
	1030	.5	32		✓		300	
	1030	0	32		✓		200	INSTANT SHUT IN
							VAC	4 MIN. RECEIVED
								REG DOWN MAY 28 2009
								TICKETS KCC WICHITA
	1100							JOB COMPLETED
								THANK YOU DUSTY & JEFF



New Force Energy Services, Inc.
 P.O. Box 1519
 Eastland, Texas 76448

Date 4-23-9 District 1910 CESCO FLD. SVC. ORD. NO. _____
 Operator GILIANA MESA OPER. COMPANY
 Lease HESS Well No. 1-32
 Field _____ Location _____
 County GOOSE State KS
 Stage Number _____ This Zone This Well

TREATMENT REPORT

WELL DATA: OG NG ND DD WD IW Misc Depth TD/PB _____ Formation Wagonwheel
 Size Tubing 2 7/8 Tubing Perf. _____ Type Packer _____ Set At 1524
 Size Casing 5 1/2 Wt. _____ Set Form _____ To _____ Size Liner _____ Wt. _____
 Liner Set From _____ To _____ Open Hole: Size _____ From _____ To _____
 Casing Perforations: Size _____ Holes Per Foot _____ Intervals PERFS 1596-01

Previous Treatment _____ Prior Production _____

TREATMENT DATA: Pad Used: Yes No Pad Type CROSSLINKER
 Treating Fluid Type: Oil Water Acid Foam Emulsion Misc.
 Treating Fluid Volume Gals. 17,010 Fluid Description GEL 800 KCL 20000 WPS
W.E. 135 CROSSLINKER 97 BREAKER 102
 Total Prop Quantity 14,000 Lbs. Prop Type: Sand Other
 Prop Mesh Sizes, Types and Quantities 20-40 14,000
 Hole Loaded With _____ Treat Via: Tubing Casing Anul Tubing & Anul.
 Ball Sealers: _____ In _____ Stages of _____
 Types and Number of Pumps Used 2 TRP P164
 Auxiliary Materials BLANDER SAND, FRCM, FRAC VALV

FLUID PUMPED AND CAPACITIES IN BBLs.
 Tubing Cap. 26.23
 Casing Cap. 1.71
 Annular Cap. 82.78
 Open Hole Cap. _____
 Fluid to Load 17
 Pad Volume 143
 Treating Fluid 235
 Flush 28
 Overflush _____
 Total to Recover 105

Procedures _____
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Time AM/PM	Treating Pressure-Psi		Barrels Fluid Pumped	Inj. Rate B P M	REMARKS
	Tubing	Casing			
					FLUSH + TEST LOGS
		2300	143	9	DAD
		2000			LOW FORMATION
		1830	48	9	1.5 PPG 20-40
		1730			LOW FORMATION
		1630	50	9	1 PPG 20-40
		1500			LOW FORMATION
		1450	75	9	2 PPG 20-40
		1300	50	9	LOW FORMATION
		1250			LOW FORMATION
		1280	28	9	FLUSH
		1490			
	470				ISIP
	100				5
	0				10

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Treating Pressure: Min. 1250 Max. 2300 Avg. 1545
 Inj. Rate on Treating Fluid 9 Rate on Flush 9
 Avg. Inf. Rate 9 I.S.I.P. 470 Flush Dens. lb/gal 28
 Final Shut-in Pressure 0 In. 10 Minutes.
 Operator's Maximum Pressure 3000

Customer Representative _____
 Representative _____
 Comments: _____

Job Number _____