

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

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 # 31985
Name: Gonzales Well Service, Inc.
Wellsite Geologist: Steven P. Carl
Purchaser: NCRA
Designate Type of Completion:
____ New Well ____ Re-Entry Workover
____ Oil ____ SWD ____ SLOW
____ 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: Grand Mesa Operating Company
Well Name: Hess #1-32
Original Comp. Date: 04/30/2009 Original Total Depth: 4700'
____ Deepening ____ Re-perf. ____ Conv. to Enhr. Conv. to SWD
 Plug Back: 4670' Plug Back Total Depth
____ Commingled Docket No.: _____
____ Dual Completion Docket No.: _____
 Other (SWD or Enhr.?) Docket No.: D-30,543
03/25/2009 04/03/2009 02/18/2010
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 2083 Feet from North / South Line of Section
1900 1904 Feet from East / West Line of Section
G.P.S. KCC
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Gove
Lease Name: Hess Well #: 1-32
Field Name: Gaeland Township
Producing Formation: Mississippian
Elevation: Ground: 2940' Kelly Bushing: 2945'
Total Depth: 4700' Plug Back Total Depth: 2350'
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

Drilling Fluid Management Plan
(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.: _____

wo/Dlg - 3/26/10 ^{sx cmt.}

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: March 23, 2010

Subscribed and sworn to before me this 23rd day of March,
20 10
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
RECEIVED
MAR 24 2010

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum <p style="text-align: center; font-weight: bold; font-size: 1.2em;">" SEE ATTACHED SHEET FOR LOG TOPS "</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	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 checked="" type="checkbox"/> Plug Off Zone	4601-2300	SMD	150	200# Hulls mixed into the 1st 40sxs

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
New 2	2113-2185'	3,000 gal. 7.5% FE Acid 15% w/	2113-2185
Old 4	4596-4601'	110 ball sealers, 58 bbls lease water	

TUBING RECORD: Size: <u>2 7/8"</u> Set At: <u>2090'</u> Packer At: <u>2090'</u>		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>03/18/2010</u>	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 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: <div style="text-align: right; border: 1px solid black; padding: 5px; font-weight: bold; font-size: 1.2em;">RECEIVED</div>
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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

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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7 JOB LOG

SWIFT Services, Inc.

DATE 03-18-10 PAGE NO. 1

CUSTOMER GRAND MESA WELL NO. 132 LEASE Hess JOB TYPE PLUG BACK TD TICKET NO. 17509

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0900							ON LOCATION CMT: 150SIS SMD MIXED @ 12.7 12.7 #/SR 27/8 X 5/8 15.5" PERES 4596-4601 TO 4700 RUN T66 TO 2300 FT FLUID 1000 FT FROM SURF
	0945	3.5	0	✓		0		START CMT 4" HULLS 225#
		3.5	14.0	✓		0		END HULLS
		3.5	20.0	✓		0		CLOSE IN ANNS, CIRC OIL
		3.0	30.0	✓		400		CATCAPI
		1.0	45.0	✓		800		
		2.0	55.0	✓		600		
		2.0	65.0	✓		500		END CMT
		2.0	0	✓		500		START DISP
		2.0	4.0	✓		600		CMT ON PERES
		1.5	6.0	✓		700		
		1.0	8.0	✓		800		
		1.0	10.0	✓		900		END DISP,
	1025			✓		600		ISIP HOLD 100 PSI
	1035	2.0	0	✓		300		REV OUT
			10.0	✓		350		CIRC CMT CIRC OUT 35 SIS CMT,
			26.0	✓		200		CLEANING CMT, CIRC OUT OIL
	1100		65.0	✓		100		ALL CLEAN
								PULL T66, 047 FLUID @ 15 FT DOWN
	1210		4.5	✓				TOP OFF CS6
								JOB COMPLETE
								THANK YOU!
								DAVE JAMES, RUS

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JOB LOG

SWIFT Services, Inc.

DATE 2-9-2010 PAGE NO. 1

CUSTOMER Grand Mesa Operating

WELL NO. 1-32

LEASE Hess

JOB TYPE Acid

TICKET NO. 17409

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	12-10							On location Set up truck Perfs 213-85 72' 2 shots/A. PKR @ 2050'
		3	0/3			0/600		Pump 500 gal 7 1/2% F/E Acid
		3	12			500		Pump 500 gal 7 1/2% F/E Acid
		3				400		with 110 balls - 1/9 sec
		3	60			400		Pump 500 gal - 7 1/2% F/E Acid
		3	72			400		Pump 58 BBI lease wate.
	1415		130			400		Fin pumping
						300		SIP
						200		5 min
						100		10 min
	1430					Var		15 min
								Job complete
								Reel up truck
	1500							
								Thanks Alan J. Hwang

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