

ORIGINAL

5/27/11

Form ACO-1
October 2008
Form Must Be Typed

AMENDED

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
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
- Oil
- Gas
- CM (Coal Bed Methane)
- Dry
- SWD
- ENHR
- Temp. Abd.
- SLOW
- SIGW
- 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.: _____

03/25/2009 04/03/2009 09/16/2009

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 32 Sec. 13 Twp. 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: Gaeland Township

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 feet

14 2 - 1/2 - 10/2/09

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.: _____

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: September 30, 2009

Subscribed and sworn to before me this 30TH day of SEPTEMBER

20 09

Notary Public: [Signature]
Phyllis E. Brewer, Notary

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

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 _____ SEE ATTACHED LOG INFO. SHEET <div style="text-align: center;"> RECEIVED KANSAS CORPORATION COMMISSION OCT 01 2009 CONSERVATION DIVISION WICHITA, KS </div>
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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	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	
4	4596-4601'	Frac Job- 14,000# 20/40 Mesh Sand and 423bbis 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. _____		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: <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

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	

RECEIVED
KANSAS CORPORATION COMMISSION

OCT 01 2009

CONSERVATION DIVISION
WICHITA, KS

**GRAND
MESA**

OPERATING COMPANY

(316) 265-3000
FAX: (316) 265-3455

1700 N. WATERFRONT PARKWAY
BLDG. 600
WICHITA, KANSAS 67206-5514

CONFIDENTIAL

September 30, 2009

RECEIVED
KANSAS CORPORATION COMMISSION

OCT 01 2009

CONSERVATION DIVISION
WICHITA, KS

Kansas Corporation Commission
130 S. Market Rm #2078
Wichita, KS 67202

RE: Hess #1-32 -- Section 32-13S-31W, Gove County, Kansas

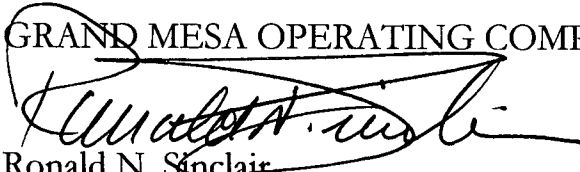
Gentlemen:

Please find enclosed the following information regarding the drilling of the above referenced well: ACO-1 showing Temporary Abandoned Status.

We, Grand Mesa Operating Company hereby request that the enclosed information concerning the above-captioned well be held CONFIDENTIAL for at least a period of two (2) years as allowed by the Kansas Corporation Commission.

Respectfully submitted,

GRAND MESA OPERATING COMPANY


Ronald N. Sinclair

President

Enclosures