

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed

All blanks must be Filled

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 # 31627
Name: Whitetail Crude
Wellsite Geologist: _____
Purchaser: NCRA

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- 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: Grand Mesa Operating Company
Well Name: Schaben #5-19
Original Comp. Date: 12/07/1996 Original Total Depth: 4326'
 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 #: _____

<u>01/24/2011</u>	<u>01/29/2011</u>
Spud Date or Recompletion Date	Completion Date or Recompletion Date

API No. 15 - 135-23955-00-01
Spot Description: 1315' FSL and 1070' FEL
 NW SE SE Sec. 19 Twp. 17 S. R. 24 East West
1,315 Feet from North / South Line of Section
1,070 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ness
Lease Name: Schaben Well #: 5-19
Field Name: Keilman North
Producing Formation: Mississippian
Elevation: Ground: 2366' Kelly Bushing: 2371'
Total Depth: 4326 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 226.55 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1700.26 Feet
If Alternate II completion, cement circulated from: 1700.26
feet depth to: Surface w/ 165 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls
Dewatering method used: _____
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 I 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: [Signature]
Title: President Date: 02/03/2011

KCC Office Use ONLY

Letter of Confidentiality Received

Date: _____ RECEIVED
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Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: DG Date: 2/7/11
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Operator Name: Grand Mesa Operating Company Lease Name: Schaben Well #: 5-19
 Sec. 19 Twp. 17 S. R. 24 East West County: Ness

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 <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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, 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 No changes from the original log data information
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CASING RECORD <input 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	3594-3776'	EA-2	150	Squeeze job

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size: <u>2 7/8"</u>	Set At: <u>4182'</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>01/30/2011</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil Bbls. <u>3</u>	Gas Mcf <u>0</u>	Water Bbls. <u>2</u>	Gas-Oil Ratio <u> </u> Gravity <u>35.9</u>

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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 checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i>	PRODUCTION INTERVAL: <u>4313-4326'</u>
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JOB LOG

SWIFT Services, Inc.

DATE 25 Feb 11 PAGE NO.

CUSTOMER *Grand Mesa* WELL NO. *519* LEASE *Schaben* JOB TYPE *Squeeze away leak* TICKET NO. *19997*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								<i>120 slgs STD</i>
								<i>2 3/8 x 5 1/2 packer 3413</i>
								<i>top of hole 3549</i>
								<i>plug 4180' w/ SAND on top</i>
	<i>0830</i>							<i>on loc TRK 114</i>
	<i>0900</i>		<i>33</i>					<i>pull joints to 25' out - 3413'</i>
								<i>circulite cut & slide</i>
								<i>flow 7 bbls down the 2 3/8</i>
	<i>0915</i>						<i>500</i>	<i>change rubber in stringer head</i>
	<i>0920</i>	<i>2</i>	<i>3</i>			<i>700</i>		<i>set packer - pump back to 500 psi</i>
	<i>0945</i>	<i>2</i>				<i>700</i>		<i>inj Rate 2 bpu @ 700</i>
		<i>2</i>	<i>20</i>			<i>300</i>		<i>mix STD cements @ 150' ppg</i>
		<i>2</i>	<i>32</i>			<i>50</i>		
						<i>0</i>		<i>tubing on vac - close in</i>
	<i>1000</i>							<i>1/2 ash touch</i>
	<i>1020</i>					<i>0</i>		<i>open tubing</i>
		<i>2</i>	<i>15</i>					<i>catch pressure</i>
		<i>1/2</i>	<i>20</i>			<i>500</i>		<i>pump recovery - packer clear</i>
	<i>1045</i>	<i>1/2</i>	<i>23</i>			<i>600</i>		<i>Kickout - 600 psi MAX -</i>
	<i>1230</i>					<i>1000</i>	<i>500</i>	<i>prop up to 1000 psi - holding</i>
								<i>release pressure - disengage</i>
	<i>1245</i>		<i>33</i>					<i>Reverse hole clean</i>
								<i>pull 1 joint</i>
	<i>1315</i>					<i>500</i>		<i>pressure to 500 psi</i>
								<i>Back up</i>
								<i>JOB complete</i>
								<i>Thanks</i>
								<i>Dave Blew & Jane</i>

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