

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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 # 4958
Name: Mallard JV., Inc.
Wellsite Geologist: Patrick Deenihan
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.)

If Workover/Re-entry: Old Well Info as follows:
Operator: Grand Mesa Operating Company
Well Name: Ruff #1-21
Original Comp. Date: 06/12/04 Original Total Depth: 4300'
____ Deepening ____ Re-perf. ____ Conv. to Enhr. ____ Conv. to SWD
 Plug Back: PLUG WELL Plug Back Total Depth _____
____ Commingled Docket No.: _____
____ Dual Completion Docket No.: _____
____ Other (SWD or Enhr.?) Docket No.: _____
06/05/2004 06/12/2004 02/23/2010
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 195-22256-00-00
Spot Description: 540' FSL & 2310' FEL
N/2 SW SW SE Sec. 21 Twp. 15 S. R. 22 East West
540 Feet from North / South Line of Section
2310 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Trego
Lease Name: Ruff Well #: 1-21
Field Name: Wildcat
Producing Formation: Cherokee Sand
Elevation: Ground: 2228' Kelly Bushing: 2233'
Total Depth: 4300' Plug Back Total Depth: 4259'
Amount of Surface Pipe Set and Cemented at: 5 jts. @ 229 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: _____
feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan DFA AH II NCR
(Data must be collected from the Reserve Pit) 4-13-10
Chloride content: N/A ppm Fluid volume: 6,800 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: Ronald N. Sinclair / Ronald N. Sinclair
Title: President Date: 03/19/2010

Subscribed and sworn to before me this 19th day of March,
20 10
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
N Letter of Confidentiality Received
If Denied, Yes Date: _____
____ Wireline Log Received
____ Geologist Report Received **RECEIVED**
____ UIC Distribution
MAR 22 2010

KCC WICHITA

Operator Name: Grand Mesa Operating Company Lease Name: Ruff Well #: 1-21
 Sec. 21 Twp. 15 S. R. 22 East West County: Trego

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: DI Log, Dual Comp. Porosity Log, Borehole Comp. Sonic Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Stone Corral</td> <td>1583</td> <td>+ 650</td> </tr> <tr> <td>Heebner</td> <td>3593</td> <td>-1360</td> </tr> <tr> <td>Lansing</td> <td>3631</td> <td>-1398</td> </tr> <tr> <td>B/KC</td> <td>3910</td> <td>-1677</td> </tr> <tr> <td>Pawnee</td> <td>3987</td> <td>-1754</td> </tr> <tr> <td>Ft Scott</td> <td>4076</td> <td>-1843</td> </tr> <tr> <td>Cherokee Sd</td> <td>4154</td> <td>-1921</td> </tr> <tr> <td>Mississippian</td> <td>4208</td> <td>-1975</td> </tr> <tr> <td>Gilmore City</td> <td>4244</td> <td>-2011</td> </tr> </table>	Name	Top	Datum	Stone Corral	1583	+ 650	Heebner	3593	-1360	Lansing	3631	-1398	B/KC	3910	-1677	Pawnee	3987	-1754	Ft Scott	4076	-1843	Cherokee Sd	4154	-1921	Mississippian	4208	-1975	Gilmore City	4244	-2011
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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"	20#	229	Common	165sxs	3% CC, 2% Gel
Production	7 7/8"	5 1/2"	14#	4298	AA-2	130	10% Salt, 5% Calseal, .8% FLA 322, .25 Cellflake

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate	0-1607'	A-Con	250 sxs	3% CC, .25 Cell Flake, 2% Calseal, 2% Metsolite beads
<input checked="" type="checkbox"/> Protect Casing		60/40 Pozmix	285 sxs	4% Gel
<input type="checkbox"/> Plug Back TD				
<input checked="" type="checkbox"/> Plug Off Zone	See cement ticket			
<input checked="" type="checkbox"/> Protect fresh water				

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	4154-4164'		
4	4164-4172'		

TUBING RECORD: Size: <u>2 7/8"</u> Set At: <u>4207'</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>May 1, 2005</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 Water Bbls. <u>280</u> 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>4154-4164'</u> <u>4164-4172'</u> RECEIVED
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JOB LOG

SWIFT Services, Inc.

DATE 2-23-10 PAGE NO. 7

CUSTOMER Grand Mesa WELL NO. 1-21 LEASE Ruff JOB TYPE PTA-old well TICKET NO. 17420

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0840					2 7/8"	5 1/2"	On location Set up TR. (Used on Pit Liner)
	1000							Tbg @ 4185'
	1015	3						Mix 85 sts 60/40 Pbz, 4% gel & 300# H ₂ O
	1040		25					Fin 1st Plug - 1881 H ₂ O Behind cut.
	1100	3						Rig pull tbg to 3440'
	1120		55					Start 7520 # gel with 45 881 H ₂ O
	1210	3						Fin gel Rig pull tbg to 1875'
	1220		25					Mix 100 sts 60/40 Pbz, 4% gel Fin cut
	1250	3						Rig pull tbg to 925'
			19					St mixing cut until CIR cut.
			3					@ 60 sts unit air - stop pumping
			3 1/2					Pull all Tbg -
			1 1/2					Top off 5 1/2" = 10 skcut.
	1330	1						Press Ann of 8 5/8" 250# 25 sts ad.
								Job Complete
								Work up & Pack up (285 Total unit used)

Thanks
Ron J. Lang
of Lane

RECEIVED
MAR 22 2010
KCC WICHITA