

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION**

Form ACO-1  
September 1999  
Form Must Be Typed

**WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License # 33138  
 Name: Meritage KCM Exploration, LLC  
 Address: 1600 Broadway, Suite 1360  
 City/State/Zip: Denver, Colorado 80202  
 Purchaser: \_\_\_\_\_  
 Operator Contact Person: Jeff Vaughan  
 Phone: (303) 832-7463  
 Contractor: Name: Layne Christensen Canada Ltd  
 License: \_\_\_\_\_  
 Wellsite Geologist: Larry Weis  
 Designate Type of Completion:  
☒ New Well    ☐ Re-Entry    ☐ Workover  
☐ Oil    ☐ SWD    ☐ SIOW    ☐ Temp. Abd.  
☒ Gas    ☐ ENHR    ☐ SIGW  
☐ Dry    ☒ 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./SWD  
☐ Plug Back    ☐ Plug Back Total Depth  
☐ Commingled    Docket No. \_\_\_\_\_  
☐ Dual Completion    Docket No. \_\_\_\_\_  
☐ Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_  
 12-1-02    12-5-02    4-17-03  
 Spud Date or    Date Reached TD    Completion Date or  
 Recompletion Date       Recompletion Date

API No. 15 - 003-24214-00-00  
 County: Anderson  
S2 - N2 - NE - SE Sec. 27 Twp. 19 S. R. 19 ☒ East ☐ West  
2300 feet from S / N (circle one) Line of Section  
660 feet from E / W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE (SE) NW SW  
 Lease Name: Kueser Well #: 27-43  
 Field Name: Wildcat  
 Producing Formation: Cherokee Coals  
 Elevation: Ground: 1000' Kelly Bushing: 1003'  
 Total Depth: 1220' Plug Back Total Depth: 1192'  
 Amount of Surface Pipe Set and Cemented at 21 Feet  
 Multiple Stage Cementing Collar Used? ☐ Yes ☒ No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 1199  
 feet depth to 0 w/ 165 sx cmt.

**Drilling Fluid Management Plan** 11/11/03  
 (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 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]  
 Title: VP Project Development Date: 6/24/03  
 Subscribed and sworn to before me this 24th day of June, 2003  
 Notary Public: [Signature]  
 Date Commission Expires: 2-18-2005

**KCC Office Use ONLY**

X Letter of Confidentiality Attached  
 If Denied, Yes ☐ Date: \_\_\_\_\_  
X Wireline Log Received  
X Geologist Report Received  
 \_\_\_\_\_ UIC Distribution

Operator Name: Meritage KCM Exploration, LLC Lease Name: Kueser Well #: 27-43  
 Sec. 27 Twp. 19 S. R. 19 ☒ East ☐ West County: Anderson

**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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  High Resolution Compensated Density Neutron Dual Induction SFL/GR Gamma Ray Cement Bond/VDL CCL	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Log</th> <th style="text-align: left;">Formation (Top), Depth and Datum</th> <th style="text-align: left;">Sample</th> </tr> <tr> <td></td> <td style="text-align: center;">Name</td> <td style="text-align: center;">Top      Datum</td> </tr> <tr> <td></td> <td>Altamont Lime</td> <td style="text-align: center;">610      +393</td> </tr> <tr> <td></td> <td>Mulberry</td> <td style="text-align: center;">662      +341</td> </tr> <tr> <td></td> <td>Excello Shale</td> <td style="text-align: center;">767      +236</td> </tr> <tr> <td></td> <td>Bevier</td> <td style="text-align: center;">840      +163</td> </tr> <tr> <td></td> <td>Scammon</td> <td style="text-align: center;">899      +104</td> </tr> </table>	Log	Formation (Top), Depth and Datum	Sample		Name	Top      Datum		Altamont Lime	610      +393		Mulberry	662      +341		Excello Shale	767      +236		Bevier	840      +163		Scammon	899      +104
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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"	32#	21'	Portland	4	
Production	7-7/8"	5-1/2"	15.5#	1199'	Thick Set	165	8# Gilsonite/sk

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ Plug Off Zone				

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	1046' - 1047'	250 gallons 15% Fe HCl w/1% KCl water.	
4	1065' - 1067'	1 ppg sand 20/40.	
4	1073.5' - 1075.5'		
4	1085.5' - 1087.5'		
4	1118.5' - 1122.5'		

TUBING RECORD		Size	Set At	Packer At	Liner Run	
		2-7/8"	1136'		Yes	No
Date of First, Resumed Production, SWD or Enhr. <b>De-watering</b>			Producing Method			
			Flowing	<input checked="" type="checkbox"/> Pumping	Gas Lift	Other (Explain)
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.
					Gas-Oil Ratio	Gravity

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Sumit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled	<input type="checkbox"/> Other (Specify) _____