

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: MOKAT
 License: 5831
 Wellsite Geologist: Larry Weis
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW 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. _____

11-18-02	11-19-02	3-27-03
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 107-23678-00-00
 County: Linn
 _____ ne ne Sec. 6 Twp. 23 S. R. 22 East West
645 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: Broyles Well #: 6-41
 Field Name: Blue Mound
 Producing Formation: Cherokee Coals
 Elevation: Ground: 1008' Kelly Bushing: _____
 Total Depth: 935' Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 22.3 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
 (Data must be collected from the Reserve Pit)
 Chloride content _____ ppm ~~ASGUM~~ _____ 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: 6-2-03
 Subscribed and sworn to before me this 3rd day of June,
2003
 Notary Public: [Signature]
 Date Commission Expires: 2-18-2005

KCC Office Use ONLY

Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Meritage KCM Exploration, LLC Lease Name: Broyles Well #: 6-41

Sec. 6 Twp. 23 S. R. 22 East West County: Linn

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.

<p>Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i></p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i></p> <p>List All E. Logs Run:</p> <p>High Resolution Compensated Density Neutron Dual Induction SFL/GR Gamma Ray Cement Bond/VDL CCL</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:15%;">Log</th> <th style="width:55%;">Formation (Top), Depth and Datum</th> <th style="width:30%;">Sample</th> </tr> </thead> <tbody> <tr> <td></td> <td>Name</td> <td>Top Datum</td> </tr> <tr> <td></td> <td>Excello Shale/Mulky Coal</td> <td>490 -518</td> </tr> <tr> <td></td> <td>Bevier</td> <td>567 +441</td> </tr> <tr> <td></td> <td>Drywood</td> <td>765 +243</td> </tr> <tr> <td></td> <td>Riverton</td> <td>831 +177</td> </tr> </tbody> </table>	Log	Formation (Top), Depth and Datum	Sample		Name	Top Datum		Excello Shale/Mulky Coal	490 -518		Bevier	567 +441		Drywood	765 +243		Riverton	831 +177
Log	Formation (Top), Depth and Datum	Sample																	
	Name	Top Datum																	
	Excello Shale/Mulky Coal	490 -518																	
	Bevier	567 +441																	
	Drywood	765 +243																	
	Riverton	831 +177																	

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#	22.3'	Portland	4	
Production	7-7/8"	5-1/2"	15.5#	931.60'	Thick Set	130	8# Gilsonite/sk

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				

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
4	766' - 768'	250 gallons 15% Fe HCl with 1% KCl water.	
4	781' - 783'	1 ppg sand 20/40.	
4	787.5' - 789.5'		
4	802.5' - 805.5'		
4	814' - 816.5'		

TUBING RECORD	Size	Set At	Packer At	Liner Run	Yes	No <input checked="" type="checkbox"/>
	2-7/8"	900.65'				
Date of First, Resumed Production, SWD or Enhr.			Producing Method			
De-watering			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 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

(If vented, Sumit ACO-18.)