

KCC  
 JAN 13 2005 KANSAS CORPORATION COMMISSION  
 OIL & GAS CONSERVATION DIVISION  
**CONFIDENTIAL WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

ORIGINAL

Form ACO-1  
 September 1999  
 Form Must Be Typed

CONFIDENTIAL

Operator: License # 33138  
 Name: Meritage KCM Exploration, LLC  
 Address: Independence Plaza, 1050 17th St., Suite 975  
 City/State/Zip: Denver, CO 80265  
 Purchaser: SIGW, waiting on pipeline  
 Operator Contact Person: Jeff Vaughan  
 Phone: ( 303 ) 534-9513  
 Contractor: Name: Mokat Drilling  
 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. \_\_\_\_\_

11-5-04 Spud Date or Recompletion Date	11-6-04 Date Reached TD	11-10-04 Completion Date or Recompletion Date

RECEIVED

JAN 13 2005

KCC WICHITA

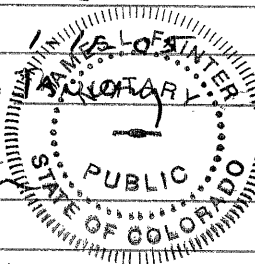
API No. 15 - 011-23019-00-00  
 County: Bourbon  
    
 Sec. 35 Twp. 23 S. R. 23  East  West  
330' feet from S /  (circle one) Line of Section  
2300' feet from E /  (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE  NW SW  
 Lease Name: Meech Trust Well #: 35-21  
 Field Name: Wildcat  
 Producing Formation: Cherokee Coals  
 Elevation: Ground: 838' Kelly Bushing: \_\_\_\_\_  
 Total Depth: 562' Plug Back Total Depth: 549'  
 Amount of Surface Pipe Set and Cemented at 20' Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 555'  
 feet depth to surface w/ 60 sx cmt.

**Drilling Fluid Management Plan** *ALSO WITH 3-5-07*  
 (Data must be collected from the Reserve Pit)  
 Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
 Dewatering method used Air Drilled  
 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: Agent Date: \_\_\_\_\_  
 Subscribed and sworn to before me this 11 day of AUGUST  
2005  
 Notary Public: [Signature]  
 Date Commission Expires: 8-21-07



**KCC Office Use ONLY**

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

My Commission Expires August 21, 2007

Operator Name: Meritage KCM Exploration, LLC Lease Name: Meech Trust Well #: 35-21  
 Sec. 35 Twp. 23 S. R. 23  East  West County: Bourbon

**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  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No


Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run:

Compensated Density/Neutron, Dual Induction

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Oswego Lime	93'	+748'
Bevier Coal	210'	+628'
Riverton Coal	451'	+387'
Mississippian	460'	+378'

  
 JAN 1 2008  
 CONFIDENTIAL

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
Surface	11"	8 5/8"	32#	20'	Portland	4	None
Production	6 3/4"	4 1/2"	10.5#	555'	Thickset	60	Kol-Seal

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 (Amount and Kind of Material Used)	Depth
	Waiting on pipeline before completion		

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
Waiting on pipeline	<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  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Pert.  Dually Comp.  Commingled

Production Interval  Other (Specify) \_\_\_\_\_

Oil Drilling  
Specialist  
Oil and Gas Wells



**M.O.K.A.T. DRILLING**  
Office Phone: (620) 879-5377



P.O. Box 590  
Caney, KS 67333

Operator <b>MERITAGE KCM EXPLORATION</b>		Well No. <b>35-21</b>	Lease <b>MEECH TRUST</b>	Loc. <b>1/4 1/4 1/4</b>	Sec. <b>35</b>	Twp. <b>23S</b>	Rge. <b>23E</b>					
County <b>BOURBON</b>		State <b>KS</b>	Type/Well	Depth <b>562'</b>	Hours	Date Started <b>11-05-04</b>	Date Completed <b>11-06-04</b>					
Job No.	Casing Used <b>20' 8 5/8"</b>	Bit Record			Coring Record							
Driller <b>TOOTIE</b>	Cement Used	Bit No.	Type	size	From	To	Bit No.	type	Size	From	To	% Rec.
Driller	Rig No. <b>1</b>			<b>6 3/4"</b>								
Driller	Hammer No.											

**Formation Record**

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	3	OVERBURDEN	305	307	COAL						
3	12	CLAY	307	323	SHALE						
12	22	SHALE	323	325	COAL						
22	49	LIME	325	337	SHALE						
49	51	COAL	337	338	COAL						
51	77	SHALE	335		GAS TEST (SAME)						
77	105	SANDY SHALE	338	366	SHALE						
105	110	LIMEY SHALE	366	403	SAND (OIL ODOR)						
110	114	BLK SHALE, COAL	403	405	COAL						
110		GAS TEST (NO GAS)	405	421	SHALE						
114	121	SANDY SHALE	410		GAS TEST ( 1/2 # 1/8")						
121	123	SHALE	421	423	COAL						
123	130	SANDY SHALE	423	452	SHALE						
130	136	SAND (OIL SHOW)	452	455	COAL						
135		GAS TEST ( 1/4 # 1/8")	455	458	SHALE						
136	142	SAND	460		GAS TEST ( 2 # 1/2")						
142	202	SANDY SHALE	458	562	MISS LIME (OIL SHOW)						
202	203	COAL	485		GAS TEST (SAME)						
203	211	SHALE	535		GAS TEST (SAME)						
211	214	COAL									
214	238	SANDY SHALE			T.D. 562'						
238	239	LIME									
239	242	SHALE									
242	246	BLK SHALE, COAL									
246	260	SHALE									
260	262	COAL									
262	270	SANDY SHALE									
270	274	SHA:LE									
274	275	COAL									
275	305	SHALE									
285		GAS TEST ( 1/4 # 1/8")									

RECEIVED  
 JAN 13 2005  
 KGCW/CHIT/TA

CONFIDENTIAL  
 JAN 11 2005  
 REC'D

CONSOLIDATED OIL WELL SERVICES C.  
 211 W. 14TH STREET, CHANUTE, KS 66720  
 620-431-9210 OR 800-467-8676

TICKET NUMBER 2322  
 LOCATION Eureka  
 FOREMAN Brad Butler

TREATMENT REPORT & FIELD TICKET  
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY																
11-10-04		Meech Trust # 35-21				Bourbon																
CUSTOMER Meritage KCM Exploration			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>446</td> <td>Rick</td> <td></td> <td></td> </tr> <tr> <td>441</td> <td>Justin</td> <td></td> <td></td> </tr> <tr> <td>434</td> <td>Jim</td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	446	Rick			441	Justin			434	Jim		
TRUCK #	DRIVER	TRUCK #					DRIVER															
446	Rick																					
441	Justin																					
434	Jim																					
MAILING ADDRESS 115 North OAK																						
CITY Garnett	STATE Ks.	ZIP CODE 66032																				
			HURRICANE Well Serv																			

JOB TYPE Logging HOLE SIZE 6 3/4" HOLE DEPTH 562' CASING SIZE & WEIGHT 4 1/2" - 10.5 lb.  
 CASING DEPTH 355' DRILL PIPE PSTD. 549' OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13 3/16 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 6'  
 DISPLACEMENT 8 3/4 Bbl. DISPLACEMENT PSI 200 700 Loaded Plug RATE 3 BPM - 2 BPM

REMARKS: Safety Meeting: Rig up to 4 1/2" casing, Break circulation with water, Pumped 10 Bbls Ahead, followed with 4 Bbl. Dye water. Mixed 60 SKs. Thick Set cement w/ 8" P/SK KOL-SEAL 1/4" P/SK of Floate at 13 3/16 lbs. P/SK. Shut down, washout pump lines - Release Plug - Displace Plug with 8 3/4 Bbls water. Final pumping at 200 PSI - Pumped Plug to 700 PSI wait 2 min. Release Pressure. Float Held - close casing in with O PSI.  
 Good cement returns to surface w/ 5 Bbl. slurry = 16 SKs  
 Job complete - Tear down

"Thank you"

CONFIDENTIAL  
 JAN 11 2005

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	710.00	710.00
5406	60	MILEAGE	2.35	141.00
1126 A	60 SKs.	Thick Set cement	11.85	711.00
1110 A	9 SKs.	KOL-SEAL 8" P/SK	15.75	141.00
1107	1/2 SR.	Floate 1/4" P/SK	40.00	20.00
5407A	3.5 Ton	60 miles - Bulk Truck	1.85	178.50
5502 C	5 Hrs.	80 Bbl. VAC Truck	78.00	390.00
1123	3150 GAL.	City water	11.50 P/SK	36.22
	1/2 GAL.	Bicorde - Displacement water	20.00	10.00
4201	1	4 1/2" Guide Shoe	85.00	85.00
4226	1	4 1/2" AFU Insert Flapper Valve	110.00	110.00
4129	3	4 1/2" Centralizers	26.00	78.00
4404	1	4 1/2" Top Rubber Plug	35.00	35.00
		6.3%	SALES TAX	77.25
			ESTIMATED TOTAL	2722.97

AUTHORIZATION Nancy Dwyer

TITLE \_\_\_\_\_

DATE \_\_\_\_\_