

2005
CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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

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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. _____

11-1-04	11-2-04	11-4-04
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 011-23018-00-00
County: Bourbon
E2 SE SW SW Sec. 11 Twp. 24 S. R. 23 East West
330' feet from N (circle one) Line of Section
1120' feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Parr Well #: 11-14

Field Name: Wildcat
Producing Formation: Cherokee Coals
Elevation: Ground: 1040' Kelly Bushing: _____
Total Depth: 880' Plug Back Total Depth: 866'
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 873'
feet depth to surface w/ 94 sx cmt.

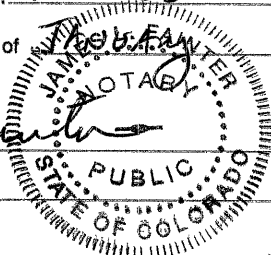
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) ALT II WITH 3-5-07
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used Air Drilled

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: Larry Weis
Title: Agent Date: 1-11-05
Subscribed and sworn to before me this 11 day of February,
2005.
Notary Public: James L. Jantzen
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

✓

Operator Name: Meritage KCM Exploration, LLC Lease Name: Parr Well #: 11-14
 Sec. 11 Twp. 24 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 <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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Compensated Density/Neutron, Dual Induction	<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>Oswego Lime</td> <td>415'</td> <td>+625'</td> </tr> <tr> <td>Bevier Coal</td> <td>542'</td> <td>+498'</td> </tr> <tr> <td>Riverton Coal</td> <td>782'</td> <td>+258</td> </tr> <tr> <td>Mississippian</td> <td>786'</td> <td>+254'</td> </tr> </table> <p style="text-align: center; font-weight: bold; font-size: 1.2em;">JAN 13 2005 CONFIDENTIAL</p>	Name	Top	Datum	Oswego Lime	415'	+625'	Bevier Coal	542'	+498'	Riverton Coal	782'	+258	Mississippian	786'	+254'
Name	Top	Datum														
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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
Surface	11"	8 5/8"	32#	20'	Portland	4	None
Production	6 3/4"	4 1/2"	10.5#	873'	Thickset	94	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	RECEIVED JAN 13 2005 KCC WICHITA	

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 Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

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 MERITAGE KCM EXPLORATION		Well No. 11-14	Lease PARR	Loc. 1/4 1/4 1/4	Sec. 11	Twp. 24	Rge. 23E					
County BOURBON		State KS	Type/Well	Depth 880'	Hours	Date Started 11-01-04	Date Completed 11-02-04					
Job No.	Casing Used 21' 8 5/8"	Bit Record			Coring Record							
Driller TOOTIE	Cement Used	Bit No.	Type	size	From	To	Bit No.	type	Size	From	To	% Rec.
Driller	Rig No. 1			6 3/4"								
Driller	Hammer No.											

Formation Record

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
1		OVERBURDEN	372	416	GREY SHALE						
16		LIME	416	432	LIME (OSWEGO)						
6	20	SHALE	432	435	SHALE						
0	24	LIME	435	440	GREY SHALE						
4	32	SHALE	440	442	LIME						
2	55	LIME	442	445	SHALE						
5	60	BLACK SHALE	445	448	COAL						
0	65	GREY SANDY SHALE	435		GAS TEST NO GAS						
5	68	GREY SHALE	448	453	SHALE						
8	70	LIME	453	462	SAND						
0	73	SHALE	460		GAS TEST NO GAS						
3	75	LIME	462	465	SANDY SHALE						
5	78	SANDY SHALE	465	507	SHALE						
8	85	LIME & SHALE	507	509	LIME						
5	170	SHALE	509	544	SHALE						
70	228	SANDY SHALE	544	547	COAL						
28	248	RED SHALE	547	580	SHALE						
48	254	LIME	580	581	COAL						
54	255	BROWN SHALE	581	718	GREY & BLACK SHALE						
55	270	SAND	712		GAS TEST 1/4# 1/8"						
270	275	RED & GREY SHALE	718	740	SAND & SANDY SHALE						
275	300	SANDY SHALE & SHALE	740	783	SANDY SHALE & SHALE						
300	305	SANDY SHALE & SAND	783	785	CHERT & LIME (MISSISSIPPI)						
305	335	SHALE	785	880	BROWN LIME						
335	336	COAL	787		GAS TEST SAME						
336	346	SHALE	812		GAS TEST SAME						
346	358	LIME									
358	359	COAL			T.D. 880'						
359	365	SHALE									
365	369	LIME									
369	372	BLACK SHALE & COAL									

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

TICKET NUMBER 2303
 LOCATION Eureka
 FOREMAN Brad Butler

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-4-04		Parr # 11-14				Bowbon
CUSTOMER Meritage KCM Exploration			HURRICANE Well SERV			
MAILING ADDRESS 115 North Oak			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY Garnett			446	Rick		
STATE KS			442	Anthony	CONFIDENTIAL	
ZIP CODE 66032			434	Jim		
			437	Randy		

JOB TYPE Longstring HOLE SIZE 6 3/4" HOLE DEPTH 880' CASING SIZE & WEIGHT 4 1/2" - 10.5 lb
 CASING DEPTH 873' DRILL PIPE PBTD - 866' OTHER _____
 SLURRY WEIGHT 13.3 lb SLURRY VOL 28 Bbl WATER gal/sk _____ CEMENT LEFT in CASING 6'
 DISPLACEMENT 13 3/4 Bbls DISPLACEMENT PSI 400 900 Loaded Plug RATE 3 BPM

REMARKS: Safety Meeting: Rig up to 4 1/2" casing, Pumped 10 Bbls water Ahead, Drop ball to Trip Insert
 Pumped 10 Bbl water Ahead followed by 7 Bbl Dry water. Mixed with 18 Bbl water = 94 sks. Thick Set cement
 with 8" P/SK of KOL-SEAL 1/4" P/SK of Flocc. or 13.3 lbs P/GAL (yield 1.7) Shutdown, washout pump shoes
 Release Plug - Displace Plug with 13 3/4 Bbls. Final pumping of 400 PSI - Bumped Plug to 900 PSI
 wait 2 minutes - Release Pressure - Float Held - close casing in w/ O PSI
 Good cement returns to surface w/ 6 Bbl slurry = 20 sks cement.
 Job complete - Tear down

"Thank you"

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
RECEIVED				
1126 A	94 SKS	Thick Set cement	11.85	1113.90
1110 A	15 SKS	KOL-SEAL 8" P/SK	15.75	236.25
1107	1 SK	Flocc. 1/4" P/SK	40.00	40.00
5407 A	55 Ton	60 miles - Bulk Truck	.85	280.50
5502 C	5 Hrs	80 Bbl. VAC Truck	78.00	390.00
5502 C	6 Hrs	80 Bbl. VAC Truck	78.00	468.00
1123	3780 GAL	City water	11.50 P/1000	43.47
	1 GAL	Biocide (Disp. water)	20.00	20.00
4201	1	4 1/2" Guide Shoe	85.00	85.00
4226	1	4 1/2" AFU Inset 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
		Sub Total		3751.12
		6.37%	SALES TAX	110.98
			ESTIMATED TOTAL	3862.10

AUTHORIZATION [Signature]

TITLE _____ DATE _____