

CONFIDENTIAL

Form ACO-1
September 1999
Form Must Be Typed

KCC KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
FEB 11 2005
WELL COMPLETION FORM
CONFIDENTIAL - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 33138
Name: Meritage KCM Exploration, LLC
Address: Independence Plaza, 1050 17th St., Suite 975
City/State/Zip: Denver, CO 80265
Purchaser: None: Pressure Observation Well
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.
12-10-04 12-10-04 12-30-04
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 107-23814-00-00
County: Linn
SE NE Sec. 6 Twp. 23 S. R. 22 East West
2310' feet from S / N (circle one) Line of Section
330' 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 #: 6-42 POW
Field Name: Blue Mound
Producing Formation: POW for Riverton Coal
Elevation: Ground: 1011' Kelly Bushing:
Total Depth: 913' Plug Back Total Depth: 904'
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 904'
feet depth to surface w/ 110 sx cmt.

Drilling Fluid Management Plan
(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.:

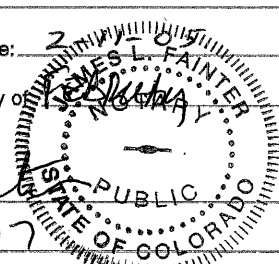
ALT II W/M
4-25-07

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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: James L. Fainter
Title: Agent Date: 2-21-07
Subscribed and sworn to before me this 11 day of February 2007
Notary Public: James L. Fainter
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: Broyles Well #: 6-42 POW
 Sec. 6 Twp. 23 S. R. 22 East West County: Linn

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report an interval 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 the space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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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:

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Oswego Lime	450'	+561'
Bevier Coal	566'	+445'
Riverton Coal	825'	+186'
Mississippian	854'	+157'

Compensated Density/Neutron, Dual Induction

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	11"	8 5/8"	32#	21'	Portland	4	None
Production	6 3/4"	4 1/2"	10.5#	904'	Thickset	110	Kol-Seal, Flocele

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 spf	825.5'-829.5'	No Stimulation	
4 spf	846.5'-849.5'	No Stimulation	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	827'	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.			Producing Method		
N/A (POW Well)			<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) POW Well for Riverton Coal

Production Interval KANSAS STATE UNIVERSITY

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CONSOLIDATED OIL WELL SERVICES, INC.
 11 W. 14TH STREET, CHANUTE, KS 66720
 20-431-9210 OR 800-467-8676

TICKET NUMBER 3070
 LOCATION EUREKA
 FOREMAN Kevin McCoy

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-11-04		Broyles # 6-42 POW				LINN
CUSTOMER Meritage KCM Exploration			HURRICANE Well Service			
MAILING ADDRESS 115 N OAK						
CITY GARNETT		STATE KS				
ZIP CODE 66032						
TRUCK #	DRIVER	TRUCK #	DRIVER			
445	Troy					
439	Justin					
452	Randy					

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 913' CASING SIZE & WEIGHT 4 1/2 10.5#
 CASING DEPTH 904 DRILL PIPE _____ TUBING _____ OTHER _____
 CARRY WEIGHT 13.4# SLURRY VOL 34 BBL WATER gal/sk 7.8 CEMENT LEFT in CASING 6'
 DISPLACEMENT 14.25 BBL DISPLACEMENT PSI 500 MIX PSI 1000 Bump Plug RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2 Casing. Break circulation w/ 5 BBL fresh water. Wash down 7' 4 1/2 to total casing depth of 904'. Rig up to Cement. Pump 5 BBL Dye water. Mixed 110 SKS Thick Set Cement w/ 8# Kol-Seal per/sk, 1/4# Flocele per/sk @ 13.4# per/gal. (yield 1.75). Wash out Pump & Lines. Shut down. Release Plug. Displace w/ 14.25 BBL fresh water. Final Pumping Pressure 500 PSI. Bump Plug to 1000 PSI. Wait 2 minutes. Release Pressure, Float Held. Shut casing in @ 0 PSI. Good Cement Returns to Surface = 5 BBL Slurry. Job Complete. Rig 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
1126A	110 SKS	Thick Set Cement	11.85	1303.50
1110 A	17 SKS	Kol-Seal 8# per/sk	15.75	267.75
1107	1 SK	Flocele 1/4# per/sk	40.00	40.00
5407A	6.05 TONS	60 miles KANSAS CORP. CO.	.85	308.55
5501 C	4 HRS	Transport	84.00	336.00
1123	5000 GALS	City water	11.50 per 1000	57.50
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4404	1	4 1/2 Top Rubber Plug	35.00	35.00
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	5	4 1/2 x 6 3/4 Centralizers	26.00	104.00
5502	5 Hrs	580 BBL VAC TRUCK	78.00	390.00
		(Hauled water for logging procedure)		
			Sub total	3888.30
			SALES TAX	106.15
			ESTIMATED TOTAL	3994.45

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Air Drilling
Specialist
Oil and Gas Wells



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



P.O. Box 590
Caney, KS 67333

Operator	MERITAGE KCM LLC,	Well No.	6-42 POW	Lease	BROYLES	Loc.	1/4	1/4	1/4	Sec.	6	Twp.	23	Rge.	22
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County	LINN	State	KS	Type/Well		Depth	913'	Hours		Date Started	12/9/04	Date Completed	12/10/04
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Job No.	Casing Used	Bit Record						Coring Record					
		Bit No.	Type	size	From	To	Bit No.	type	Size	From	To	% Rec.	
	22' 8 5/8"			6 3/4"									
Driller	Cement Used												
JERALD													
Driller	Rig No.												
	1												
Driller	Hammer No.												

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Formation Record

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	47	LIME	775	778	SHALE						
47	52	SHALE	778	780	COAL						
52	56	LIMEY SHALE	780	837	SHALE						
56	60	SHALE	812		GAS TEST (SAME)						
60	85	LIME	837	838	COAL						
85	90	SHALE	838	844	SHALE						
90	107	LIME	844	913	LIME (MISS)						
107	115	SANDY SHALE	861		GAS TEST (1 # 1/8")						
115	139	SHALE									
139	141	LIME			T.D. 913'						
141	231	SHALE									
231	232	COAL									
232	235	SHALE									
235	266	SANDY SHALE									
266	267	COAL									
267	299	SANDY SHALE									
299	306	LIME									
306	348	SHALE									
348	375	SAND (WET)									
375	376	COAL									
376	379	SHALE									
379	396	LIME									
396	454	SHALE									
454	477	LIME (OSWEGO)									
477	484	BLK SHALE									
484	488	LIME									
488	774	SHALE									
510		GAS TEST (1/2 # 1/6")									
610		GAS TEST (SAME)									
712		GAS TEST (SAME)									
774	775	COAL									

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