

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

2/13/10

Form ACO-1  
October 2008  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 31885  
Name: M & M Exploration, Inc.  
Address 1: 60 Garden Center, Suite 102  
Address 2: \_\_\_\_\_  
City: Broomfield State: CO Zip: 80020 + \_\_\_\_\_  
Contact Person: Mike Austin  
Phone: ( 303 ) 438-1991  
CONTRACTOR: License # \_\_\_\_\_  
Name: \_\_\_\_\_  
Wellsite Geologist: \_\_\_\_\_  
Purchaser: \_\_\_\_\_  
Designate Type of Completion:  
\_\_\_\_ New Well \_\_\_\_ Re-Entry  Workover  
\_\_\_\_ Oil  SWD \_\_\_\_ SIOW  
\_\_\_\_ Gas \_\_\_\_ ENHR \_\_\_\_ SIGW  
\_\_\_\_ CM (Coal Bed Methane) \_\_\_\_ Temp. Abd.  
\_\_\_\_ Dry \_\_\_\_ Other \_\_\_\_\_  
(Core, WSW, Expl., Cathodic, etc.)

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If Workover/Re-entry: Old Well Info as follows:  
Operator: M & M Exploration, Inc.  
Well Name: Z Bar 9-10  
Original Comp. Date: 3/4/02 Original Total Depth: 4925  
\_\_\_\_ Deepening \_\_\_\_ Re-perf. \_\_\_\_ Conv. to Enhr.  Conv. to SWD  
\_\_\_\_ Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
\_\_\_\_ Commingled Docket No.: \_\_\_\_\_  
\_\_\_\_ Dual Completion Docket No.: \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No.: D-30,245  
\_\_\_\_ Spud Date or Recompletion Date \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date or \* Recompletion Date \_\_\_\_\_

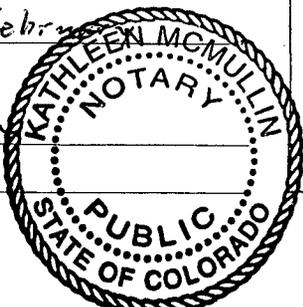
API No. 15 - 007-22696-0000 0001  
Spot Description: \_\_\_\_\_  
SE NW E2 W2 SE Sec. 9 Twp. 34 S. R. 15  East  West  
1400 1422 Feet from  North /  South Line of Section  
1400 1378 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner: Per GSA on 2/12/09  
 NE  NW  SE  SW  
County: Barber  
Lease Name: Z Bar Well #: 9-10  
Field Name: \_\_\_\_\_  
Producing Formation: \_\_\_\_\_  
Elevation: Ground: 1597 Kelly Bushing: 1611  
Total Depth: \_\_\_\_\_ Plug Back Total Depth: 4025  
Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ 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 NO SWD NS 47509  
(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: Mike Austin  
Title: President Date: February 12, 2009  
Subscribed and sworn to before me this 13th day of February  
20 09  
Notary Public: Cathleen McMullin  
Date Commission Expires: 6-13-2009



KCC Office Use ONLY  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution (RS 2/19)

KANSAS CORPORATION COMMISSION

FEB 19 2009

CONSERVATION DIVISION  
WICHITA, KS

My Commission Expires 06/13/2009

DATE: 9-10

Operator Name: **M & M Exploration, Inc.**

Lease Name: **Z Bar**

Sec. **9** Twp. **34** S. R. **15**  East  West

County: **Barber**

**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)

Log Formation (Top), Depth and Datum  Sample  
Name Top Datum

List All E. Logs Run:

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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
— Perforate				
— Protect Casing	4033'	60/40	150	6% gel, 3% cc
— Plug Back TD				
— Plug Off Zone	3895'	60/40	100	6% gel, 3% cc

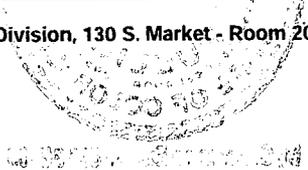
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	Set CIBP @ 4510', perf 3 holes @ 4033'	Set 4 1/2" cement retainer @ 4025'	
	perf 4 holes @ 3895'		
4	3960-4009' (Douglas Sand)	1500 gal 7.5% NE acid	

TUBING RECORD: Size: **2 3/8"** Set At: **3920** Packer At: **3920** Liner Run:  Yes  No

Date of First, Resumed Production, SWD or Enhr. **WO UIC approval**  
Producing Method:  Flowing  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 (If vented, Submit ACO-18.)  
METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  
PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202



# ALLIED CEMENTING CO., LLC. 042763

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

*Medicine Lodge*

DATE <i>11-21-08</i>	SEC <i>9</i>	TWP <i>34S</i>	RANGE <i>13W</i>	11-20-08 CALLED OUT <i>5:00pm</i>	11-21-08 ON LOCATION <i>8:00AM</i>	JOB START <i>8:45AM</i>	JOB FINISH <i>11:00</i>
LEASE <i>Z-Bar</i>		WELL # <i>9-10</i>		LOCATION <i>Deerhead Rd. 15 south, 3/4E,</i>		COUNTY <i>Becker</i>	STATE <i>KS</i>
OLD OR NEW (Circle one)				<i>NEW L fork to location</i>			

CONTRACTOR *Picath well*

TYPE OF JOB *Retainer squeeze*

HOLE SIZE *TD.*

CASING SIZE *4 1/2* DEPTH

TUBING SIZE *2 3/8* DEPTH *4025'*

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX *1300* MINIMUM *-*

MEAS. LINE SHOE JOINT *-*

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT *flush*

OWNER *mtm Exploration*

CEMENT

AMOUNT ORDERED *150 5x 60; 40; 6 + 3*

EQUIPMENT

PUMP TRUCK CEMENTER *Mark E.*

# *360-703* HELPER *Steve K.*

BULK TRUCK

# *313-249* DRIVER *Matt T.*

BULK TRUCK

# DRIVER

COMMON	<i>90 A</i>	@	<i>15.45</i>	<i>1390.50</i>
POZMIX	<i>60</i>	@	<i>8.00</i>	<i>480.00</i>
GEL	<i>7</i>	@	<i>20.80</i>	<i>145.60</i>
CHLORIDE	<i>4</i>	@	<i>58.20</i>	<i>232.80</i>
ASC		@		

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HANDLING	<i>161</i>	@	<i>2.40</i>	<i>386.40</i>
MILEAGE	<i>35 x 161 x 1.10</i>			<i>563.50</i>
				TOTAL <i>3198.80</i>

REMARKS:

*Load backside pressure to 500, taking  
cck. mix 150 sy. w/ com pump lines  
Apply BBIs, 20 min out. Reverse act  
w/ 56 BBIs flush. Decon truck up.*

SERVICE

DEPTH OF JOB	<i>4025'</i>			
PUMP TRUCK CHARGE				<i>2011.00</i>
EXTRA FOOTAGE		@		
MILEAGE	<i>35</i>	@	<i>7.00</i>	<i>245.00</i>
MANIFOLD <i>Squeeze</i>		@	<i>100.00</i>	<i>100.00</i>
				TOTAL <i>2356.00</i>

CHARGE TO: *mtm Exploration*

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
TOTAL _____			

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME *Alan Vertil*

SIGNATURE *[Signature]*

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES ~~\_\_\_\_\_~~

DISCOUNT ~~\_\_\_\_\_~~ IF PAID IN 30 DAYS

ANY APPLICABLE TAX  
WILL BE CHARGED  
UPON INVOICING

160' Depth 2' Act. - Rd 14 1/2 S - 3 1/2 E - 3/8 N + W Into

# BASIC

energy services, L.P.

**FIELD ORDER** 19319

Subject to Correction

Date 12-11-08		Customer ID		Lease Z-BAR		Well # 7-10		Legal 10-34-14	
CHARGE		MEAN EXPLORATION		County BARBER		State KS.		Station PRATT, KS.	
				Depth 3871		Formation		Shoe Joint	
				Casing 1 1/2 100'		Casing Depth 2871		TD	
				Customer Representative EVAN VRATIL		Treater KEEVEN LESLEY - STEEL		Job Type CCSPW - SQUEEZE	

AFE Number	PO Number	Materials Received by <b>X</b>
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Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	CP 163	100 SK	60/40 PZ		\$ 1,200.00
P	CC 109	250 LB	CALCIUM CHLORIDE		\$ 270.90
P	CC 210	344 LB	CEMENT GEL		\$ 96.00
P	CC 210	2500 LB	CEMENT GEL		\$ 625.00
P	CF 162	1 EA	TOP RUBBER PLUG		\$ 80.00
P	E-101	130 MI	HEAVY EQUIPMENT MILEAGE		\$ 910.00
P	E 113	240 TM	BULK DELIVERY CHARGE		\$ 448.00
P	E 110	65 MI	PICK-UP MILEAGE CHARGE		\$ 276.25
P	CE 240	100 SK	BLENDING SERVICE CHARGE		\$ 140.00
P	S 103	1 EA	SERVICE SUPERVISOR		\$ 175.00
P	CE 204	1-4 HRS	DEPTH CHARGE 3001-4000		\$ 2,100.00

*[Handwritten signature]*

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# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer <i>M M EXPLORATION</i>	Lease No.	Date <i>12-11-08</i>
Lease <i>7-BAR</i>	Well # <i>9-10</i>	
Field Order # <i>17519</i>	Station <i>PRATT KS.</i>	Casing <i>4 1/2</i>
Type Job	Formation	Depth
		County <i>BARBER</i>
		State <i>KS.</i>
		Legal Description <i>10-34-14</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>2 1/2</i>				<i>60.42 @ 1.590/FT<sup>3</sup></i>				
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
Volume	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	
<i>3800</i>				<i>60.42</i>				

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>STEVE ORLANDO / KEELEN LESLEY</i>
Service Units <i>212833</i>	<i>19959 20920 19831 19867</i>	
Driver Names <i>ORLANDO LESLEY RUSH</i>	<i>E.S. McGRATH</i>	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1:30 PM</i>					<i>ON LOCATION - SAFETY MEETING</i>
<i>1:55 PM</i>	<i>500</i>			<i>2 1/2</i>	<i>HOOK UP TO 4 1/2 CSG. - INJECTION RATE</i>
<i>2:07 PM</i>	<i>400</i>		<i>58</i>	<i>2 1/2</i>	<i>PUMP GEL - 25 SKS.</i>
<i>2:31 PM</i>	<i>350</i>		<i>28</i>	<i>2 1/2</i>	<i>MIX 100 SKS @ 140 PPG @ 13.5 P.P.G</i>
<i>2:50 PM</i>	<i>0</i>				<i>SHUT DOWN - CLEAR PUMP - DRIP PLUG</i>
<i>3:00 PM</i>	<i>0</i>		<i>0</i>	<i>2 1/2</i>	<i>START DISPLACEMENT</i>
<i>3:15 PM</i>	<i>500</i>		<i>38</i>	<i>2 1/2</i>	<i>L.S.A. Pressure</i>
<i>3:25 PM</i>	<i>700</i>		<i>60 3/4</i>		<i>PLUG DOWN</i>
	<i>500</i>				<i>L.S.P.</i>
					<i>JOB COMPLETE,</i>
					<i>THANKS,</i>
					<i>STEVE &amp; KEELEN</i>

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