

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

3/2/12

OPERATOR: License # 31885
Name: M & M Exploration, Inc.
Address 1: 4257 Main St., Suite 230
Address 2: _____
City: Westminster State: CO Zip: 80031
Contact Person: Mike Austin
Phone: (303) 438-1991
CONTRACTOR: License # 33350
Name: Southwind Drilling LLC
Wellsite Geologist: Mike Pollok
Purchaser: ONEOK
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW
 Gas ENHR SIGW
 CM (Coal Bed Methane) Temp. Abd.
 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. Conv. to SWD
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Docket No.: _____
 Dual Completion Docket No.: _____
 Other (SWD or Enhr.?) Docket No.: _____
November 16, 2010 November 25, 2010 January 7, 2011
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

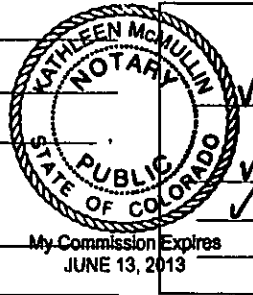
API No. 15 - 007236110000
Spot Description: _____
NW SE NE SE Sec. 24 Twp. 34 S. R. 15 East West
1960 Feet from North / South Line of Section
555 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barber
Lease Name: Z Bar Well #: 24-9
Field Name: Aetna Gas Area
Producing Formation: _____
Elevation: Ground: 1640' Kelly Bushing: 1649'
Total Depth: 5088' Plug Back Total Depth: 5021'
Amount of Surface Pipe Set and Cemented at: 903 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 AF INY 3-10-11
(Data must be collected from the Reserve Pit)
Chloride content: _____ ppm Fluid volume: 360 bbls
Dewatering method used: _____
Location of fluid disposal if hauled offsite: _____
Operator Name: M & M Exploration, Inc.
Lease Name: Z Bar Cattle Co. SWD License No.: 31885
Quarter NE Sec. 31 Twp. 33 S. R. 14 East West
County: Barber Docket No.: D-30427

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: ml m g t
Title: President Date: March 8, 2011
Subscribed and sworn to before me this 8th day of March
20 11
Notary Public: Cathleen McMullin
Date Commission Expires: 6-13-2013



KCC Office Use ONLY
Letter of Confidentiality Received 3/2/11 - 3/2/12
If Denied, Yes Date: _____
Wireline Log Received RECEIVED
Geologist Report Received MAR 10 2011
UIC Distribution KCC WICHITA

Operator Name: M & M Exploration, Inc. Lease Name: Z Bar Well #: 24-9
 Sec. 24 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input 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: Array Induction, Density-Neutron, Microlog	<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>Penn</td> <td>3060</td> <td>-1411</td> </tr> <tr> <td>Heebner Shale</td> <td>3978</td> <td>-2329</td> </tr> <tr> <td>Cherokee Shale</td> <td>4802</td> <td>-3125</td> </tr> <tr> <td>Mississippian</td> <td>4834</td> <td>-3185</td> </tr> </table>	Name	Top	Datum	Penn	3060	-1411	Heebner Shale	3978	-2329	Cherokee Shale	4802	-3125	Mississippian	4834	-3185
Name	Top	Datum														
Penn	3060	-1411														
Heebner Shale	3978	-2329														
Cherokee Shale	4802	-3125														
Mississippian	4834	-3185														

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
Conductor	30"	20"	64#	46'	Grout		
Surface	12 1/4	8 5/8	24#	903'	Class A	425	2%gel,3%cc
Production	7 7/8"	4 1/2	11.6#	5050'	AA-2	225	10%gyp,10% salt, 1/4#/lcase

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
1	4825-4827, 4835-4842, 4860-4909	2500 gal 15% MCA	
		Frac w 5250 BW + 100,000# sand	

TUBING RECORD: Size: <u>2 3/8"</u> Set At: <u>None</u> Packer At: <u>None</u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. To be determined	Producing Method: <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: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: 4825-4909' OA
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BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 02981 A

DATE _____ TICKET NO. _____

DATE OF JOB 11-27-10		DISTRICT KANSAS		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>		PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:			
CUSTOMER 7M+M Exploration				LEASE 2 BAR				WELL NO 24-9			
ADDRESS				COUNTY Barber 24-54-15				STATE KANS.			
CITY				STATE				SERVICE CREW A. Worth, K. Lusk, L. Wiser			
AUTHORIZED BY				JOB TYPE: 4 1/2" L.S.				C.N.W.			
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED 11-27-10		DATE	AM	TIME	
28441 P.d.	2					ARRIVED AT JOB 11-27-10		AM	PM	8:00	
19849-19842	2					START OPERATION 11-27-10		AM	PM	1:30	
19832-19860	2					FINISH OPERATION 11-27-10		AM	PM	1:30	
						RELEASED 11-27-10		AM	PM	2:30	
						MILES FROM STATION TO WELL		65 mi.			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: A. Worth
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP105	AA2 Cement	SK	255		16 4335 00
CC102	CC11 FLAKE	lb	94		8 236 00
CC111	SALT FINE	lb	1388		8 694 00
CC113	Cal set	lb	1200		8 900 00
CC128	FLA 322	lb	192		8 1900 00
CC201	G. 1200/10	lb	1530		8 1020 00
CF130	Latch down Plug & Baffle 4 1/2" Blue	EA	1		8 370 00
CF1350	Auto Fill Float shoe 4 1/2" Blue	EA	1		8 350 00
CF1630	Turbol. 2" 4 1/2" Blue	EA	6		8 210 00
CF1900	4 1/2" Basket Blue	EA	1		8 270 00
CF204	CS-16 KIL 546	gal	4		8 140 00
CF200	Unit mileage charge - Pratt	mi	65		8 270 00
CF101	Heavy Equip. mileage - charge	mi	13		8 710 00
CF113	Bulk Del. Charge	Ton	780		8 1240 00
CF206	Depth Charge 5001-6000	4 h.	1		8 3000 00
CF240	Blending & mixing Service Chg.	SK	355		8 357 00
CF504	Plug cement 1 1/2" L. 200' well	Job	1		8 250 00
5003	Service Supervisor first 8 hours per	EA	1		8 115 00

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MAR 10 2011

KCC WICHITA
SUB TOTAL

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		8 11,761 15

SERVICE REPRESENTATIVE Alta Worth THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY A. Worth
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Customer <i>M&M Exploration</i>	Lease No.	Date <i>11-27-10</i>
Lease <i>2 BAR</i>	Well # <i>24-9</i>	
Field Order # <i>02981A</i>	Station <i>PRATT</i>	Casing <i>4 1/2</i>
Type Job <i>4 1/2" Long String</i>	Formation <i>TO 5055</i>	Depth
		County <i>Barber</i>
		State <i>KS</i>
		Legal Description <i>24-34-15</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>4 1/2</i>			<i>225 SK</i>	<i>AA2 0 15.0 #</i>			5 Min.	
Depth <i>5050</i>	Depth	From	To	Pre Pad <i>AA2</i>	Max		10 Min.	
Volume <i>7888.5</i>	Volume	From	To	Pad	Min		15 Min.	
Max Press <i>1500</i>	Max Press	From	To	Frac	Avg		Annulus Pressure	
Well Connection <i>PC</i>	Annulus Vol.	From	To		HHP Used		Total Load	
Plug Depth <i>5034</i>	Packer Depth	From	To	Flush <i>0.50 2% KCL</i>	Gas Volume			

Customer Representative <i>ALAN URATIL</i>	Station Manager <i>SCOTTY</i>	Treater <i>ALLEN F. WERTH</i>
Service Units <i>28443 19889 19842 19832 19862</i>		
Driver Names <i>Worth Keenan Lesley LUCAS W. S. M.</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>8:00 AM</i>					<i>Southwind</i>
					<i>on Loc. Discuss Safety, Setup, Plan Job</i>
					<i>Rig doing cellar work.</i>
<i>8:51</i>					<i>start 4 1/2 casing 11.6 #</i>
					<i>Shoe Joint 16' w/ Flat Shoe</i>
					<i>L.D. Baffle in collar</i>
					<i>cont 1-3-5-10-12-15</i>
					<i>BASKET TOP OF H7</i>
<i>10:00</i>					<i>CIR w/ Rig on # 62.</i>
<i>10:15</i>					<i>START RUNNING CASING</i>
<i>11:20</i>					<i>CIR w/ Rig on # 62.</i>
<i>11:15</i>					<i>START RUNNING CASING</i>
<i>11:49</i>					<i>CIR w/ Rig @ 5050</i>
<i>12:30</i>	<i>200 #</i>			<i>5</i>	<i>start mix cont 225 SKS AA2.</i>
					<i>@ 14.8 # first 225 SK @ servicing or</i>
			<i>62</i>		<i>Finish mix cont</i>
					<i>washout Pump Line. clean</i>
<i>12:55</i>				<i>5</i>	<i>Drop L.D. Plug & Start Disp. 2% KCL</i>
	<i>400 #</i>			<i>4</i>	<i>caught bit P.S.I w/ 35 Bbl out</i>
<i>1:15</i>	<i>1700 #</i>		<i>78</i>	<i>3</i>	<i>Plug down. Release PSI - OK.</i>
					<i>Plug Rat Hole - 1/30 SKS AA2 -</i>
					<i>washup & Rinckey Equip. Lucas</i>
<i>2:30</i>					<i>Job complete. Thanks Allen Keenan</i>

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P.O. # _____

BIG BUCKETS RATHOLE DRILLING

10 4536

ORDERED BY

Allen Weaver

P.O. Box 5252
Enid, Oklahoma 73702
Phone (580) 233-9850
Fax (580) 233-4588

Date *11/5/10*

Bill To *M&M Explor*

Address _____

Lease *Z-Bar #24-9*

Legal *Sec 24-34S-15W*

County *Barber Ks*

Rig *Southwind Drilling*

DESCRIPTION	AMOUNT
Furnish Men & Equipment To <i>Drill cellar - 42 ft. of 30" hole & remove dirt from loc</i>	
Materials Furnished <i>39 ft. of 30" pipe - 4 yds of 8.5" gravel & 4' of 60" timber of cellar</i>	<i>4704.00</i>
Operator <i>Paul Wood</i>	Total <i>4704.00</i>

Approved By

Total

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Big Bucket's Rathole Drilling, Inc.

P. O. Box 5252
Enid, OK 73702
Office 580-233-9850
Fax 580-233-4588

INVOICE

DATE	INVOICE NO.
11/8/2010	5497

cut
71020
B

BILL TO
M & M Exploration, Inc. 600 Garden Center, Ste 102 Bloomfield, CO 80020

WELLNAME	RIG	COUNTY	LEGAL	LEGAL
Z-Bar 24-9	South	Barber, KS	Sec 24	34S-15W

DATE	W. TKT	DESCRIPTION	QTY	RATE	AMOUNT
11/5/2010	4536	Drilled 4' of 60" cellar-42' of 30" hole-remove dirt-39' of 20" pipe-4 yds grout-4' of 60" cellar form STATE TAX		4704.00 4.50%	4,704.00 0.00

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Thank you	Total	\$4,704.00
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ALLIED CEMENTING CO., LLC. 042265

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

SERVICE POINT:
Medicine Lodge, KS

DATE <i>11-17-2016</i>	SEC. <i>34</i>	TWP. <i>34S</i>	RANGE <i>15W</i>	CALLED OUT <i>2:00AM</i>	ON LOCATION <i>6:00AM</i>	JOB START <i>1:30pm</i>	JOB FINISH <i>2:30pm</i>
LEASE <i>2-Ber</i>	WELL # <i>24-9</i>	LOCATION <i>160 & Deerhead Rd, South to Cottage Creek Rd, 4.2 east, 1/4 south</i>			COUNTY <i>Borbor</i>	STATE <i>KS</i>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR *Southwind*
 TYPE OF JOB *Surface*
 HOLE SIZE *12 1/4* T.D. *903'*
 CASING SIZE *8 5/8* DEPTH *903'*
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT *42'*
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT *55 bbls of Freshwater*

OWNER *Mam Exploration*
 CEMENT
 AMOUNT ORDERED *275 sq 65:35:6% G, 3% cc + 1/4 #Floesal, 150sq class A 3% cc + 2% G*

EQUIPMENT
 PUMP TRUCK CEMENTER *Derin F.*
 # *360-265* HELPER *Matt T.*
 BULK TRUCK
 # *381-290* DRIVER *Jason T.*
 BULK TRUCK
 # DRIVER

COMMON <i>A</i>	<i>150 sq</i>	@ <i>15.45</i>	<i>2317.50</i>
POZMIX		@	
GEL	<i>3 sq</i>	@ <i>20.80</i>	<i>62.40</i>
CHLORIDE	<i>15 sq</i>	@ <i>58.20</i>	<i>873.00</i>
ASC		@	
<i>ALW</i>	<i>275 sq</i>	@ <i>14.80</i>	<i>4070.00</i>
<i>Floesal</i>	<i>68.75</i>	@ <i>2.50</i>	<i>171.87</i>
		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<i>458</i>	@ <i>2.40</i>	<i>1099.20</i>
MILEAGE	<i>458/10/25</i>		<i>1145.00</i>
TOTAL			<i>9738.97</i>

REMARKS:

*Pipe on bottom & break circulation
 Pump 3 bbls fresh water chesd, mix
 275sq of less cement, mix 150sq
 of tail cement, shut down, Release plus
 start displacement, Bump plug 9 +
 65 bbls, Floesal did not help cement
 did circulation*

CHARGE TO: *Mam Exploration*
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<i>903'</i>		
PUMP TRUCK CHARGE	<i>1018.00</i>		
EXTRA FOOTAGE	<i>603'</i>	@ <i>.85</i>	<i>512.55</i>
MILEAGE	<i>25</i>	@ <i>7.00</i>	<i>175.00</i>
MANIFOLD		@	
<i>Hose rental</i>		@	
TOTAL			<i>1705.55</i>

PLUG & FLOAT EQUIPMENT

<i>8 5/8</i>			
<i>1-Rubber Plug</i>	@		<i>113.00</i>
<i>1-Rubber Plug</i>	@		
<i>1-AFU Insert</i>	@		<i>158.20</i>
	@		
	@		
TOTAL			<i>271.20</i>

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 *A. M. Vester*
 SIGNATURE *[Signature]*
Thank You!!!

SALES TAX (If Any) _____
 TOTAL CHARGES ~~_____~~
 DISCOUNT _____ IF PAID IN 30 DAYS