

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

11/9/11

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 31885 **KCC**

Name: M & M Exploration, Inc. **NOV 09 2010**

Address 1: 60 Garden Center, Suite 102

Address 2: _____

City: Broomfield State: CO Zip: 80020 + _____

Contact Person: Mike Austin **RECEIVED**

Phone: (303) 438-1991

CONTRACTOR: License # 33350 **NOV 12 2010**

Name: Southwind Drilling LLC **KCC WICHITA**

Wellsite Geologist: Mike Pollok

Purchaser: ONEOK

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.)

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.: _____

August 3, 2010 August 14, 2010 September 16, 2010

Spud Date or _____ Date Reached TD _____ Completion Date or _____
Recompletion Date _____ Recompletion Date _____

API No. 15 - 007235730000

Spot Description: _____

SW NW NE NE Sec. 1 Twp. 34 S. R. 15 East West

610 Feet from North / South Line of Section

1130 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 #: 1-1

Field Name: Aetna Gas Area

Producing Formation: _____

Elevation: Ground: 1787' Kelly Bushing: 1796'

Total Depth: 5150' Plug Back Total Depth: 5124'

Amount of Surface Pipe Set and Cemented at: 304 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 **ATF INJ 11-18-10**
(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: 450 bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: M & M Exploration, Inc.

Lease Name: Z Bar Cattle Co #1 License No.: 31885

Quarter NE Sec. 31 Twp. 33 S. R. 14 East West

County: Barber Docket No.: D30427

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]

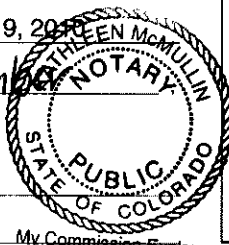
Title: President Date: November 9, 2010

Subscribed and sworn to before me this 9th day of November

20 10

Notary Public: [Signature]

Date Commission Expires: 6.13.2013



My Commission Expires
JUNE 13, 2013

KCC Office Use ONLY

- Letter of Confidentiality Received 11/9/10 - 11/9/11
- If Denied, Yes Date: _____
- Wireline Log Received
- Geologist Report Received
- _____ UIC Distribution

Operator Name: **M & M Exploration, Inc.** Lease Name: **Z Bar** Well #: **1-1**
 Sec. **1** 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: 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>Heebner Shale</td> <td>4057</td> <td>-2261</td> </tr> <tr> <td>Cherokee Shale</td> <td>4834</td> <td>-3038</td> </tr> <tr> <td>Mississippian</td> <td>4872</td> <td>-3076</td> </tr> </table>	Name	Top	Datum	Heebner Shale	4057	-2261	Cherokee Shale	4834	-3038	Mississippian	4872	-3076
Name	Top	Datum											
Heebner Shale	4057	-2261											
Cherokee Shale	4834	-3038											
Mississippian	4872	-3076											

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	17 1/2"	13 3/8"	48#	304'	Class A	280	2%gel,3%cc,1/4# floeal
Production	7 7/8"	4 1/2"	11.6#	5154'	AA-2	245	10% gyp, 10% salt, 1/4# floeal, .5% fl-160

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	4872-4932'	2500 gal 15% MCA Frac w 5096 BW & 100,000# sand	

TUBING RECORD: Size: 2 3/8" Set At: 4964' Packer At: None Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. September 16, 2010	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls. 10 Gas Mcf 100 Water Bbls. 80 Gas-Oil Ratio 10,000 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: 4872-4932'
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Customer MEM EXPLORATION, INC.	Lease No.	Date
Lease Z-BAR	Well # 1-1	8-16-10
Field Order # 2074	Station PRATT, KS.	Casing 21.5
Type Job CNLW - 4 1/2" L.S.	Depth	County BARBER
	Formation	State KS.
		Legal Description 1-34-15

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 21.5	Tubing Size	Shots/Ft	CNTT -	Acid	2055K AA2	RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad	1.56 CFT ³	Max		5 Min.
Volume	Volume	From	To	Pad	305K RATHOLE	Min		10 Min.
Max Press 1500	Max Press	From	To	Frac		Avg		15 Min.
Well Connection P.C.	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	80.5	Gas Volume		Total Load

Customer Representative ALAN VAATIL	Station Manager D. SCOTT	Treater K. LESLEY - Steve Orlando
Service Units 27283 27463 19831 15862		
Driver Names DURLANDU LESLEY TERRY		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:00 PM					ON LOCATION - SAFETY MEETING
					NOV 12 2010
					Basket #8
					KCC WICHITA
					Run 123 Tls 4 1/2 casing
					Casing on Bottom Break crew/kit
2:47	350		5	5	H2O Ahead
2:48	350		9	5	Mix 255xs @ 12H/gal
2:50	250		44	5	Mix 200svs @ 14.8H/gal
					Shut Down - Clear Pump + Line
					Release plug
3:05	0		0	6	Start KCL H2O Displacement
3:12	300		45	5	Lift pressure
3:17	700		70	4	slow rate
3:20	1700		80.5	4	Plug Down - Hold
					Plug H w / 305K cement
					Job Complete
					Thanks, Steve
					Circulation the job

ALLIED CEMENTING CO., LLC. 042187

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

SERVICE POINT:
Madison, KS

DATE <i>080310</i>	SEC. <i>01</i>	TWP. <i>34s</i>	RANGE <i>15w</i>	CALLED OUT	ON LOCATION	JOB START <i>6:00 PM</i>	JOB FINISH <i>6:45 PM</i>
LEASE <i>Z-Bar</i>		WELL # <i>1-1</i>		LOCATION <i>US 160 & Deerhead Rd, 1 1/2 S, 4 1/4 E</i>		COUNTY <i>Barker</i>	STATE <i>KS</i>
OLD OR NEW (Circle one) <u>NEW</u>				<i>3 1/2 N, W & S into</i>			

CONTRACTOR *South Wind #2*

TYPE OF JOB *Surface*

HOLE SIZE <i>1 7/8</i>	T.D. <i>308</i>
CASING SIZE <i>1 3/8</i>	DEPTH <i>303</i>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <i>300</i>	MINIMUM
MEAS. LINE	SHOE JOINT <i>N/A</i>
CEMENT LEFT IN CSG. <i>20'</i>	
PERFS.	
DISPLACEMENT <i>4 3/4 Bbls Fresh H₂O</i>	

OWNER *M & M Explo.*

CEMENT

AMOUNT ORDERED *280 sx class A + 3% cct + 2% gel*

COMMON <i>A 280 sx @ 15.45</i>	<i>4326⁰⁰</i>
POZMIX	@
GEL <i>6 sx @ 20⁰⁰</i>	<i>124⁰⁰</i>
CHLORIDE <i>10 sx @ 58²⁰</i>	<i>582⁰⁰</i>
ASC	@
	@
	@
	@
	@
	@
	@
	@
	@
	@

KCC
NOV 09 2010

CONFIDENTIAL

HANDLING *296* @ *2.40* *710⁴⁰*

MILEAGE *296 / 10 / 20* *592⁰⁰*

TOTAL *6335²⁰*

EQUIPMENT

PUMP TRUCK # <i>360-261</i>	CEMENTER <i>D. Felio</i>	HELPER <i>M. Thimesch</i>
BULK TRUCK # <i>356-</i>	DRIVER <i>J. Thimesch</i>	
BULK TRUCK #	DRIVER	

REMARKS:

Pipe on Btm, Break Circ., Pump Spacer, Mix 280sx A 3% cement, Start Disp. w/ Fresh Water, Wash up truck, See Steady increase in PSI, Slow Rate, Stop Pump at 4 3/4 Bbls total Disp., Shut in, Cement Did Circ.

SERVICE

DEPTH OF JOB <i>303</i>	
PUMP TRUCK CHARGE	<i>1018⁰⁰</i>
EXTRA FOOTAGE	@
MILEAGE <i>20</i>	<i>7⁰⁰ 140⁰⁰</i>
MANIFOLD <i>N/A</i>	@
	@
	@

CHARGE TO: *M & M Explo.*

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL *1158⁰⁰*

PLUG & FLOAT EQUIPMENT

None

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

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 _____

SIGNATURE *[Signature]*

SALES TAX (If Any) _____

TOTAL CHARGES *[Crossed out]*

DISCOUNT _____ IF PAID IN 30 DAYS