

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

2/11/10

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 *KCC*

CONTRACTOR License # 33350

Name: Southwind Drilling LLC *FEB 11 2010*

Wellsite Geologist: Mike Pollok *CONFIDENTIAL*

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.: _____

Oct. 26, 2009 Nov. 4, 2009 Jan. 8, 2010

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

API No. 15 - 007234530000

Spot Description: _____

NW SW SE SW Sec. 36 Twp. 33 S. R. 15 East West

455 Feet from North / South Line of Section

1475 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 #: 36-14

Field Name: Aetna Gas Area

Producing Formation: _____

Elevation: Ground: 1751' Kelly Bushing: 1762'

Total Depth: 5100' Plug Back Total Depth: 5064'

Amount of Surface Pipe Set and Cemented at: 305 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 *ATTINS 21810*
(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: 350 bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: M & M Exploration, Inc.

Lease Name: Z Bar Cattle Co. #1 SWD 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: *Mike Austin*

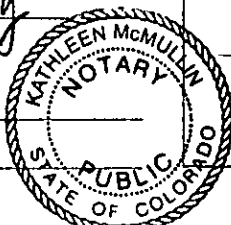
Title: President Date: Feb. 11, 2010

Subscribed and sworn to before me this 11th day of February

20 10

Notary Public: *Kathleen McMullen*

Date Commission Expires: 6-13-2013



KCC Office Use ONLY

Letter of Confidentiality Received

If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

RECEIVED

FEB 16 2010

KCC WICHITA

Operator Name: M & M Exploration, Inc. Lease Name: Z Bar Well #: 36-14
 Sec. 36 Twp. 33 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)

List All E. Logs Run:

Induction, Density-Neutron, Microlog

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Penn	3110	-1348
Heebner Shale	4038	-2276
Cherokee Shale	4820	-3058
Mississippian	4885	-3123

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#	305'	Class A	225	2%gel, 3%cc
Production	7 7/8"	5 1/2"	15.5#	5093'	Class H	240	10%gyp, 10%salt, 5%FL-160
							6#Kalseal, 1/4#floseal

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	4875-4880	3000 gal 15% MCA	
0.5	4882-4996	Frac w 6880 BW, 58500# sand, 6000# salt	

TUBING RECORD: Size: <u>2 7/8"</u> Set At: <u>5020'</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. <u>January 8, 2009 10</u>		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. <u>20</u>	Gas Mcf <u>20</u>	Water Bbls. <u>80</u> Gas-Oil Ratio <u>1000</u> Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	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: _____
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

RECEIVED
FEB 16 2010
KCC WICHITA

ALLIED CEMENTING CO., LLC. 042997

10 P.O. BOX 31
RUSSELL, KANSAS 67665

FEB 16 2010
COMMERCIAL

SERVICE POINT:
Mediane Lodge, KS

DATE 10-26-09	SEC. 36	TWP. 33s	RANGE 15W	CALLED OUT 3:00 PM	ON LOCATION 7:00 PM	JOB START 1:15 AM	JOB FINISH 4:45 AM
LEASE 2-Bar		WELL # 36-14		LOCATION Deerhead, & Cottage Creek Rd,		COUNTY Barber	STATE KS
OLD OR <u>NEW</u> (Circle one)			4 1/4 E, 3 1/2 N, W & S into				

CONTRACTOR **South Wind #2** OWNER **M & M Explo.**

TYPE OF JOB **Surface**

HOLE SIZE 17 1/2	T.D. 310
CASING SIZE 13 3/8	DEPTH 303
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX 300	MINIMUM —
MEAS. LINE	SHOE JOINT N/A
CEMENT LEFT IN CSG. 15'	
PERFS.	
DISPLACEMENT 4 1/2 Bbls Fresh H²O	

EQUIPMENT

CEMENT

AMOUNT ORDERED **125sx APC + 3% cc #**
100sx "A" + 3% cc + 2% gel

COMMON 100sx	@ 13.30	1,330.00
POZMIX	@	
GEL 25x	@ 20.25	40.50
CHLORIDE 75x	@ 51.50	360.50
ASC	@	
APC 125x	@ 9.00	1,125.00
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING 100sx	@ 2.25	225.00
MILEAGE 100sx X 10 X 10	=	100.00
		TOTAL <u>3,181.00</u>

PUMP TRUCK CEMENTER **D. Felio**

414-302 HELPER **G. Grieve**

BULK TRUCK

381-250 DRIVER **D. Felio**

BULK TRUCK

DRIVER

REMARKS:

Pipe on Btrm, Break Circ, Pump Spacer, Mix 125sx lite weight Cement, Mix 100sx tail Cement, Start Disp. w/ Fresh H²O, Washup truck, See increase in PSI, Slow Rate, Stop Pump at 4 1/2 Bbls total Disp, Shut in, Release line PSI, Cement Dil Circ.

SERVICE

DEPTH OF JOB 303	
PUMP TRUCK CHARGE	991.00
EXTRA FOOTAGE	@
MILEAGE 10	@ 7.00 70.00
MANIFOLD	@
	@
	@

CHARGE TO: **M & M Explo.**

STREET _____

CITY _____ STATE _____ ZIP _____

RECEIVED

FEB 16 2010

TOTAL **1,061.00**

KCC WICHITA
PLUS HILTI EQUIPMENT

None

@ _____

@ _____

@ _____

@ _____

@ _____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES ~~_____~~

DISCOUNT ~~_____~~ IF PAID IN 30 DAYS

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 **LOWAYNE TRESNER**

SIGNATURE *Lowayne Tresner*

ALLIED CEMENTING CO., LLC. 043002

TO P.O. BOX 31
RUSSELL, KANSAS 67665

FEB 14 2010
CONTRACT NO.

SERVICE POINT:
Mediundodge KS

DATE <u>11 05 09</u>	SEC. <u>36</u>	TWP. <u>33s</u>	RANGE <u>15w</u>	CALLED OUT <u>5:00 Am</u>	ON LOCATION <u>7:00 Am</u>	JOB START <u>11:30 Am</u>	JOB FINISH <u>12:15 Pm</u>
LEASE <u>Z-Bar</u>		WELL # <u>36-14</u>		LOCATION		COUNTY <u>Barber</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Southwind #2
 TYPE OF JOB Production Casing
 HOLE SIZE 7 7/8 T.D. 5100
 CASING SIZE 5 1/2 DEPTH 5096
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 1750 MINIMUM -
 MEAS. LINE SHOE JOINT 21
 CEMENT LEFT IN CSG. 21
 PERFS.
 DISPLACEMENT 121 Bbls 2% KCL Water

OWNER M&M
 CEMENT
 AMOUNT ORDERED 240sx "H" + 10% gypsum + 10% salt + 6# Kolseal + 1/4# Floseal + .5% FL-160 & 13 gal Clayco

EQUIPMENT
 PUMP TRUCK CEMENTER D. Felio / Brennan
 # 372 HELPER D. Franklin
 BULK TRUCK
 # 356-252 DRIVER D. Felio
 BULK TRUCK
 # DRIVER

COMMON	<u>240 sx</u>	@ <u>16.75</u>	<u>4020.00</u>
POZMIX		@	
GEL		@	
CHLORIDE		@	
ASC		@	
Salt	<u>25 sx</u>	@ <u>12.00</u>	<u>300.00</u>
Gyp-Seal	<u>23 sx</u>	@ <u>26.05</u>	<u>599.15</u>
FL-160	<u>80 #</u>	@ <u>11.80</u>	<u>944.00</u>
Kol-seal	<u>1440 #</u>	@ <u>.85</u>	<u>1224.00</u>
Flo-seal	<u>60 #</u>	@ <u>2.45</u>	<u>147.00</u>
		@	
		@	
		@	
HANDLING	<u>110 sx</u>	@ <u>2.95</u>	<u>247.50</u>
MILEAGE	<u>110 X 10 X 10</u>		<u>110.00</u>
TOTAL			<u>7591.65</u>

REMARKS:
Pipe on Btm, Break Line, Pump Spacer, Pump 1.5 sx to Plug Rat Hole, Mix 2.5 sx Scavenger Cement, Mix 20 Bx tail Cement, Stop Pump, Wash Pump & Lines, Release Plug, Start Disp. w/ 2% KCL Water, See Steady increase in PST, Slow Rate, Bump Plug At 121 Bbls total Disp., Release PST, Float Did Hold

SERVICE

DEPTH OF JOB	<u>5096</u>	
PUMP TRUCK CHARGE		<u>1500.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>10</u>	@ <u>7.00</u> <u>70.00</u>
MANIFOLD	@	
	@	
	@	

CHARGE TO: M&M Exploration
 STREET _____
 CITY _____ STATE _____ ZIP _____

RECEIVED
 FEB 16 2010 TOTAL 1570.00

KCC WICHITA
 PLUG & FLOAT EQUIPMENT

1- Latch down Plug Assy	@ <u>163.80</u>	<u>163.80</u>
1- AFV Float Shoe	@ <u>214.00</u>	<u>214.00</u>
1- Cement Basket	@ <u>161.00</u>	<u>161.00</u>
6- Centralizers	@ <u>33.00</u>	<u>198.00</u>
	@	
TOTAL		<u>736.80</u>

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SALES TAX (If Any) _____
 TOTAL CHARGES ~~1570.00~~
 DISCOUNT ~~833.20~~ IF PAID IN 30 DAYS

PRINTED NAME Alan Vertice
 SIGNATURE [Signature]