KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

September 1999

CONFIDENTIAL WELL COMPLETION FORM ORIGINAL 1-8-08
WELL HISTORY - DESCRIPTION OF WELL & LEASE

KCC WICHITA

Operator: License # 31885	API No. 15 _ 007-23068-0000
Name: M&M Exploration Inc.	County: Barber County, Kansas
Address: 60 Garden Center - Suite 102	NW SW SW Sec. 15 Twp. 34 S. R. 15 East Wes
City/State/Zip: Broomfield, Colorado 80020	1025 feet from \$\int(\hat{S}) \ N (circle one) Line of Section
Purchaser:	feet from E / (W) (circle one) Line of Section
Operator Contact Person: Mike Austin	Footages Calculated from Nearest Outside Section Corner:
Phone: (<u>303</u>) <u>348-1991</u>	
Contractor: Name: Duke Drilling Co., Inc.	(circle one) NE SE NW SW Lease Name: Z Bar Well #: 15-13
License: 5929	Field Name:
Wellsite Geologist: Mike Pollack JAN 0 8 200	Producing Formation:
5 • • • • • •	I - 0
	Total Depth: 5100 Plug Back Total Depth:
X_OilSWDTemp. Abd.	Amount of Surface Pipe Set and Cemented at940Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFee
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tow/sx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan AHINH9-12-08 (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr/SWD	Chloride content ppm Fluid volume 160 bbls
Plug BackPlug Back Total Depth Commingled	Dewatering method used Haul off to Disposal
	Location of fluid disposal if hauled offsite:
	Operator Name: Molz Oil & Gas
Other (SWD or Enhr.?) Docket No	Lease Name: Molz SWD License No.: 6006
D9-26-06 10-06-06 1-1-07 Spud Date or Date Reached TD Completion Date or	· · · · · · · · · · · · · · · · · · ·
Recompletion Date Date Reached TD Completion Date or Recompletion Date	Quarter NW Sec 29 Twp. 32 S. R. 10 East West
" · ·	County: Barber Docket No.: D-11804
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workover Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs a TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. It months if requested in writing and submitted with the form (see rule 82-3-
Il requirements of the statutes, rules and regulations promulgated to regulate erein are complete and correct to the best of my knowledge.	
ignature: Mishol M. Cinta	
Description of the second of t	KCC Office Use ONLY
ille: <u>President</u> Date: January 8,	Letter of Confidentiality Attached
ubscribed and sworn to before me this gth day of January	If Denied, Yes Date:

My Commission Expires OCTOBER 4, 2009

12007

Date Commission Expires: ____

Operator Name:	&M Exploration	n, Inc.	Tease N	lame: Z Bar		_ Well #:	15-13	· "	
Sec. 15 Twp	34 S. R. 15	☐ East ☐ West	County;	Barber Cou	nty, Kansas				
tested, time tool ope temperature, fluid re	n and closed, flowing covery, and flow rates	nd base of formations p and shut-in pressures, s if gas to surface test, a nal geological well site	whether shut along with fina	t-in pressure reach	ed static level, hydro	static pressu	ireś, bottom	hole	
Drill Stem Tests Taken (Attach Additional Sheets) (X Yes No			☑ Log Formation		ation (Top), Depth a	(Top), Depth and Datum		Sample	
Samples Sent to Ge	ological Survey	xYes □No				Top 3048		Datum	
Cores Taken		☐ Yes Yoo						9	
Electric Log Run		_xYes ☐ No		Base Heeb	-			-2340 -3140	
(Submit Copy) List All E. Logs Run:				Miss		4786		-3140 -3157	
	ion, Densit og, Sonic	y-Neutron,							
			RECORD	New Used	luction ato				
Purpose of String	Size Hole	Size Casing	Weight		Type of	# Sacjs	Type a	nd Percent	
Conductor	Drilled	Set (In O.D.)	Lbs./F	t. Depth	Cement	Used	Ad	ditives	
Surface	12-1/4"	8-5/8¶	24#		65/35	375			
Production	7-7/8"	5-1/2"	15.5	7.5	Class H	200	10%ge1	10%salt	
11000000				S / SQUEEZE RECO					
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks U:	sed	Type and f	Percent Additiv	95		
	PERFORATION	ON RECORD - Bridge DL	C-1/7						
Shots Per Foot	Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated			Acid,	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth				
4739-44 (Ft. Scott)			3000 9	gal ret. 20	0% NEFE	acid			
TUBING RECORD	Size 2 3/8	Set At 4737 '	Packer At none	Liner Run	Yes X No)			
Date of First, Resumer	d Production, SWD or E	nhr. Producing Me		Flowing Pur	nping Gas Li	in [] O	ther (Explain)		
Estimated Production		Bbls. Gas	McI	Water		Gas-Oil Ratio		Gravity	
Per 24 Hours Disposition of Gas	60 METHOD OF C	130		(2167			
	-		en e	Production I		4739-4	1		
Vented Sold (Il vented, So	Used on Lease umit ACO-18.)	Open Hole Other (Spec	X Perf. ::	Dually Comp.	Commingled _	4/35-4	: -1		

Koda Services, Inc.

Conductor and Rat Hole Drilling, Landfill Gas Drilling and Well Construction Nationwide





Invoice

BILL TO	
M & M Exploration 3173 West 11th Ave. Dr Broomfield, CO 80020	

71020 B

DATE	INVOICE#				
9/26/2006	5017				

JAN 1 0 2007 KCC WICHITA

		T		T	т —		
ORDERED BY	TERMS	FIELD	For Drill Rig	LEASE	LEGAL DESCRIPTION & COUN		
Allen	Net 30	2895	Duke #7	Z-Bar #15-13	Sec.15-34S-15W;Woods Co		
QUANTITY	DESCRIPTION					AMOUNT	
85 1	Furnished 8 Furnished 5 Dirt remova Furnished n Furnished g Drilling ser Taxable ma Okla Sales County Tax ns & Fuel S non taxable	'S' of 20" 'X 5' tin al nud, wate velder & rout vices terials	er & trucking materials			0.00T 0.00T 4,650.00 6,250.00 281.25 31.25 872.00 0.00	
Thank you for your busin	ess.				Total	\$12,084.50	

24623

JAN 08 2007 REMIT TO P.O. BOX 31 SERVICE POINT: **RUSSELL, KANSAS 67665** Medicine LDC CONFIDENTIAL TWP. RANGE ON LOCATION DATE 9-26-07 4:00 A LOCATION Deer Head 7/60 LEASE Z Bar WELL# 15-13 Bar Ber OLD OR NEW Circle one) To CoTTage Creek Rd CONTRACTOR DOKE #7 OWNER MAM EXPLOSATION TYPE OF JOB SUPFACE HOLE SIZE 121/4 T.D. 945 **CEMENT** CASING SIZE 85/8 AMOUNT ORDERED 32552 66:35:6+39, Cc /4# F/0 See 1 196 AMC 15057 A39 DEPTH 940 **TUBING SIZE DEPTH** DRILL PIPE 4 1/2 CC 2% Crel 1255x A+300 CC DEPTH945 TOOL DEPTH PRES. MAX 200 PSF COMMON 225 A @ 10.65 2396.25 **MINIMUM** MEAS. LINE SHOE JOINT 42 FT **POZMIX** CEMENT LEFT IN CSG. 42 FT @ 16.65 49.95 GEL PERFS. 19 CHLORIDE @ 46.60 DISPLACEMENT Frash WOTER 578B/S **EQUIPMENT** ALW 325 81# # @ 2.00 162.00 Flo Seal Amonium Chloride @ 40.30 241.80 **PUMP TRUCK** CEMENTER Pauldw-#372 HELPER Can'n F. **BULK TRUCK** 363 DRIVER ROBERT H **BULK TRUCK** Greg C. # 352 @ 1.90 1124.80 HANDLING 592 MILEAGE 45 x 592 x . 09 239760 **REMARKS:** TOTAL 10491.55 con Bottom Brank cinepunp **SERVICE** 25 \$x 65:35: 6 +3%cc +1/4+ Flo-Sac) 196 AMC 1505X A+3% CC +2% Gel Relegge Plus Displace W/57BB/S WATER Slow Raic Bump Plus Float Held 18 DEPTH OF JOB 940 PUMP TRUCK CHARGE 0-300 640' @ .65 EXTRA FOOTAGE Cement did not cite TOP OUT WY 2554 MILEAGE 45 @6.00 270.00 + 3TACE CEMENT TO SUNTACE Wash up REAT @ 100.00 100.00 MANIFOLD Head y Down. @ (a) CHARGE TO: MAM EXPOSATION TOTAL 1601.00 STREET _ STATE _ ZIP PLUG & FLOAT EQUIPMENT RECEIVED JAN 1 0 2007 1-Guide Shoe @ 235.00 _ 235.00 1-AFU Inselt @*325.00*_ 325.00 KCC WICHITA To Allied Cementing Co., Inc. 1-BaskeT @<u>180.00_180.00</u> You are hereby requested to rent cementing equipment 2-CENTRALIZERS @ 55.00 110.00 @100.00 100.00 1-RUBBET Phy and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent oANY APPLICABLE TAX TOTAL 950.00 contractor. I have read & understand the "TERMS ANIWILL BE CHARGED CONDITIONS" listed on the reverse side. UPON INVOICING TOTAL CHARGE . DISCOUNT IF PAID IN 30 DAYS SIGNATURE Y / h Val

ALLIED CEMENTING CO., INC. 24843

AIT TO P.O. BOX 31 RUSSELL, KANSAS 67665 CONFIDENTIAL

SERVICE POINT:

Medicine laye, ES

DATE 06 0 CHO 6	SEC.	TWP. 34s	RANGE / 3w		CALLED OUT	ON LOCATION S:45 P		JOB FINISH 12 COAM
LEASE Z Bar	WELL# /.	5-3	LOCATION 0	enkhe	1. & AETNA	RL & USIC	COUNTY	STATE KS
OLD OR NEW Cir			15s, le		Winto	. NO 4 101	Darber	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
GOVERN 4 CEROP	0 /	#7	· · · · · ·	'/ ' ' '	,			
CONTRACTOR TYPE OF JOB	Duke				OWNER	MAM	Exploration	1
HOLE SIZE 77	6	T.D.	5100	<u> </u>	CEMENT		į	
CASING SIZE 5	1/2	DEF				RDERED 20	20 sx"H"+10	% q4p + 109
TUBING SIZE		DEF			5.1++1	, <u>u</u> , , -1 -	.8% FL-160	1 8%
DRILL PIPE		DEF			Block A	ND 255× 6		eFOA mer
TOOL		DEF	TH			12 gl.		e. UH MOC
PRES. MAX 12	90		IIMUM —	-	COMMON_	15 A	@ 10.65	159.75
MEAS. LINE	~~~	_	DE JOINT 🗘	0'	POZMIX _	10	<u> </u>	58.00
CEMENT LEFT IN	CSG.	20'			GEL _		<u>@ 16.65</u>	16.65
PERFS. DISPLACEMENT	121%	B11-	ON VCII	11	CHLORIDE		@	
DISTLACEMENT		B6/s 2	170 KCL V	Vater	ASC	4 2	@	
	EQUI	PMENT			Class	# 200		2550.00
	·				Gyp St	4L 19	<u> </u>	443.65
	EMENTE				- Sals	2 12 0	<u> 9.60</u>	211.20
# 35) H	ELPER 🖊	M. Cole	4		EL-16	0 151	@ . <u>70</u>	840.00
BULK TRUCK		1/0	^		GAS BI	10cV 150	@ <u>10.65</u> # @ 8.90	1608.15
#381 D	RIVER /	1. Huff	ing ton		DeFor		@ 7.20	201.60
BULK TRUCK # D	DIVED				CIAPM	12 2	@ 25.00	300,00
#D	RIVER				HANDLING	297	@ 1.90	564.31
						45 x29		1202.8
•	REM	ARKS:				,	TOTAL	9491,15
Pipeon BYTM.	Brent	GRC.	Pump Pref	Tush			IOIAL	7771175
Plug hat & mouse	hole w/	25x6	0:40:6.1	h,x		SER	EVICE	
200 sx cemen	Stop			4 Lines		SEN		
Release Plug,	Start	Disp	Son Stall	$f_{\cdot} : \dots$		ов 5/0	94	
seeme in lift	PSE, S	low Rat	te Bung !	lugat	PUMP TRUC			1840.00
121/2 B61, 2% k	CL War	whal	Disp., Rel	eve	EXTRA FOO		@	78 70.00
PGI Float Did	46/E			·	MILEAGE _	45	@ 6.00	270.00
				·····	MANIFOLD.	headRental		100.00
		٠					@	
- · · · · · · · · · · · · · · · · · · ·	d m -	, ,	1		•		@	
CHARGE TO:	4 ME	xplorat	707					
STREET_							TOTAL 2	2210.00
								_
CITY	STAT		ZIP			PI IIC & FI O	AT EQUIPMENT	
		KEU	EIVED			I LOG W I LO	AI EQUI MENI	
		JAN	0 2007		1. AFI1E	1 , ()	- 2/ n mm	
				<i>-12"</i>		lost Shoe	<u> </u>	
To Allied Cementing	r Co. Inc	KCC V	VICHITA ⁵	1	1- Backet	- 1109/1	ssy.@ 375.00 @150.00	315.00
You are hereby requ	ested to r	ent ceme	nting aquinm	ant	6- tunbo	lizens	@ 60.00	360,00
and furnish cemente	r and heli	er to acc	ict owner or	CIIL A b T			@ @	
and furnish cemente contractor to do wor	k as is lis	ted The	above work v	AN	Y APPLICA	BLE TAX		· · · · · · · · · · · · · · · · · · ·
done to satisfaction			WOOLD MOTICA	was w	TLL RE CH	ARGED	ТОТАТ	1148.00
contractor. I have re	ad & und	erstand tl	he "TFRMS /	Or i	JPON INVO	ICING	TOTAL 1	1-10.00
CONDITIONS" liste	ed on the	reverse si	ide	1110	TAX			
	= on mo	0150 5			TOTAL CHAS		E	Tay
		1			TOTAL CHAR	UE C		****
Л	1/				DISCOUNT _	(STATE OF THE STA	IF PAID	IN 30 DAYS
1/1		7. 1			. 1	. //.	. /)	
SIGNATURE	M	Mar			\mathcal{A}	A- VVLA	W.C	
						PRIN	TED NAME	

1-8-08

M & M EXPLORATION. INC.

60 GARDEN CENTER, SUITE 102 BROOMFIELD, CO 80020-1022

Phone (303)438-1991 Fax (303)466-6227

January 8, 2007

Kansas Corporation Commission Oil & Gas Conservation Division 130 South Market - Room 2078 Wichita, KS 67202 KCC
JAN 0 8 2007
CONFIDENTIAL

RE: Submittal of ACO-1 on the Z Bar 15-13, NW/4 SW/4 SW/4 Section 15-34S-15W, Barber County, Kansas

Please find enclosed the completed ACO-1 form for this well along with the following:

Allied Cementing Co., Inc. invoice # 24623
Allied Cementing Co., Inc. invoice # 24843
Koda Services Inc. invoice # 5017
Array Induction Shallow Focused Electric Log
Compensated Sonic Log
Micro Log
Compensated Density/Neutron Log
GeoDynamic Mud log
Trilobite Testing, Inc. Report

PLEASE HOLD ALL OF THIS INFORMATION CONFIDENTIAL. If you have any questions, please give me a call.

Sincerely,

Mike Austin President

Enclosures

RECEIVED

JAN 1 0 2007

KCC WICHITA