

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1083274

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

# WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33783		API No. 15
Name:Michael Drilling LLC		Spot Description:
Address 1: 1304 E ST		SE_SW_SE_SE_Sec. 4 Twp. 24 S. R. 18  Sest West
Address 2: PO BOX 402		253 Feet from North / South Line of Section
City: IOLA State: KS	66749 3002	980 Feet from Feet from Seast / West Line of Section
	ZIP:+	
Contact Person: Rick Michael  Phone: 620 496-7795		Footages Calculated from Nearest Outside Section Corner:
Phone. ()		☐ NE ☐ NW  SE ☐ SW  County: Allen
CONTRACTOR: License # 33783		
Name: Michael Drilling LLC		
Wellsite Geologist: n/a		Field Name: lola
Purchaser: n/a		Producing Formation: Mississippian
Designate Type of Completion:		Elevation: Ground: 1018 Kelly Bushing: 1018
✓ New Well Re-Entry	Workover	Total Depth: 1200 Plug Back Total Depth: 1149
 ☐ oil ☐ wsw 📝 sw	D SIOW	Amount of Surface Pipe Set and Cemented at: 21 Feet
Gas D&A EN		Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
	_	If yes, show depth set: Feet
CM (Coal Bed Methane)		If Alternate II completion, cement circulated from: 1149
☐ Cathodic ☐ Other (Core, Expl., etc.	.):	feet depth to: 0 w/ 135 sx cmt.
If Workover/Re-entry: Old Well Info as follow	vs:	loot dopan to
Operator:	And the state of t	
Well Name:		Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Orig	inal Total Depth:	Chloride content: 0 ppm Fluid volume: 0 bbls
	onv. to ENHR Conv. to SWD	
	onv. to GSW	Dewatering method used: Evaporated
Plug Back:	Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #	#:	Operator Name:
en e	#:	Lease Name: License #:
SWD Permit #	#:	Quarter Sec. Twp. S. R. East West
☐ ENHR Permit #	<b>#</b> :	
GSW Permit #	#:	County: Permit #:
02/26/2012 04/28/2012	04/28/2012	
Spud Date or Date Reached TD Recompletion Date	Completion Date or Recompletion Date	

### **AFFIDAVIT**

I am the affiant and I hereby certify that 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.

**Submitted Electronically** 

KCC Office Use ONLY
Letter of Confidentiality Received
Date:
Confidential Release Date:
✓ Wireline Log Received
Geologist Report Received
✓ UIC Distribution
ALT I I II Approved by: Deanna Gerrison Date: 06/11/2012

Side Two



Operator Name: Mich	ael Drilling LLC		Lease	Name: _	V. Latta Living	trust	_ Well #:WD	)-1	
Sec. 4 Twp.24	s. R. <u>18</u>	✓ East   Wes	t County	Allen					
INSTRUCTIONS: Shortime tool open and clos recovery, and flow rates line Logs surveyed. Att	ed, flowing and shu s if gas to surface te	it-in pressures, whe est, along with final	ether shut-in pres	sure read	ched static level,	hydrostatic pres	sures, bottom he	ole tempera	ature, fluid
Drill Stem Tests Taken (Attach Additional St	neets)	☐ Yes 🗸	No	<b>√</b> L	og Formatio	n (Top), Depth ar	nd Datum	☐ Sar	mple
Samples Sent to Geolo	gical Survey	☐ Yes 🗸	No	Nam shale	е		Тор 1122	Dat	tum
Cores Taken  Electric Log Run  Electric Log Submitted Electronically  (If no, Submit Copy)		☐ Yes ✓ ✓ Yes ☐	No No	Mississippi Lime 1141 TD 1200			1141		
List All E. Logs Run:									
Gamma Ray/Neutron/CCL Drillers Log	٠								
			ASING RECORD	✓ Ne	_				
	Size Hole	Report all strin	gs set-conductor, so		ermediate, product Setting	on, etc.  Type of	# Sacks	Type and	d Percent
Purpose of String	Drilled	Set (In O.D.)	Lbs.		Depth	Cement	Used	Add	itives
surface	12.25	8.6250	21		21	OW	135		
Long string	6.75	4.500	21		1149		135		•
		ADDIT	TIONAL CEMENTI	NG / SQI	JEEZE RECORD				
Purpose:Perforate	Depth Top Bottom	Type of Ceme		# Sacks Used Type and Percent Additives					
Protect Casing Plug Back TD Plug Off Zone	-					·····			<del></del>
	J	· · · · · · · · · · · · · · · · · · ·							
Shots Per Foot	PERFORAT Specify	ION RECORD - Brid Footage of Each Inte	lge Plugs Set/Type rval Perforated			cture, Shot, Ceme mount and Kind of N		d	Depth
	<u></u> ,,								
TUBING RECORD:	Size:	Set At:	Packer A	At:	Liner Run:	Yes N			
Date of First, Resumed I	Production, SWD or Ef	. 1	ing Method:		1.				
		Flov				Other (Explain)	0 0   5-4 -		Crowith
Estimated Production Per 24 Hours	Oil	Bbls. Ga	as Mcf	Wa	ter E	Bbls.	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		METHOD O	_			PRODUCTIO	ON INTERVA	L:
Vented Sold	Used on Lease	Open Hol	<del>_</del>			mmingled omit ACO-4)			

## Michael Drilling, LLC P.O. Box 402 Iola, KS 66749 620-496-7795

Company:	Rick Michael	Date: $03/05/12$
Address:	PO Box 402	Lease: V. Latta Living Trust
riduicss.	Iola Kansas 66749	County: Allen Well#: WD-1
Ordered By	/: Rick	Well#: <u>wd-1</u> API#: 15-001-30304-00-00

# **Drilling Log**

FEET	DESCRIPTION	FEET	DESCRIPTION
)-16	Overburden	958-973	Oil Sand
16-80	Lime	973-1032	Sand
80-121	Shale	1032-1114	White Sand
121-160	Lime	1114-1117	Lime
160-193	Shale	1117-1120	Shale
193-199	Lime	1120-1122	Coal
199-223	Shale	1122-1141	Shale
223-269	Lime	1141-1200	Mississippi Lime
269-360	Lime with Shale Streaks	1200	TD
360-368	Lime		
368-395	Shale		Surface 200
395-475	Lime		
475-558	Shale		
558-596	Lime		
596-641	Shale		
641-662	Lime		
662-680	Shale		
680-697	Lime		and the same of th
697-707	Shale		
707-712	Lime		
712-742	Shale		
742-747	Sand-Light Odor		
747-932	Shale		
932-958	Sand		



### **REMIT TO**

Consolidated Oil Well Services, LLC Dept. 970 P.O. Box 4346 Houston, TX 77210-4346

**MAIN OFFICE** P.O. Box 884 Chanute, KS 66720 620/431-9210 • 1-800/467-8676 Fax 620/431-0012

INVOICE

Invoice #

Page Invoice Date: 04/30/2012 Terms:

MICHAEL DRILLING BOX 402 66749 IOLA KS )

V-LATTA LIVING TRUST DW #1 34620 4-24S-18E 04-28-12 KS

EEEEEEEE	<del></del>		•	
Part Number 1126 1118B 1118B	Description OIL WELL CEMENT PREMIUM GEL / BENTONITE PREMIUM GEL / BENTONITE	Qty 135.00 250.00 400.00	Unit Price 18.8000 .2100 .2100	Total 2538.00 52.50 84.00
Description 485 CEMENT PUMP 485 EQUIPMENT MIL 611 TON MILEAGE D 637 80 BBL VACUUM	ELIVERY	Hours 1.00 50.00 351.00 6.00	Unit Price 1030.00 4.00 1.34 90.00	Total 1030.00 200.00 470.34 540.00

530

					==========	-====	========
Parts: Labor: Sublt:	.00	Freight: Misc: Supplies:	.00	Tax: Total: Change:	201.92 5116.76 .00	AR.	5116.76
<b>.</b>							

BARTLESVILLE, OK 918/338-0808

Signed

EL DORADO, KS 316/322-7022

EUREKA, KS 620/583-7664 PONCA CITY, OK 580/762-2303

OAKLEY, KS 785/672-2227

OTTAWA, KS 785/242-4044

THAYER, KS 620/839-5269

Date

GILLETTE, WY 307/686-4914





TICKET NUI	MBER_	3462	<u> 20                                    </u>
LOCATION_	Eut	eka .	
FOREMAN		*	

DATE	or 800-467-867		NAME & NUME	RER	F APT A	7-001-703 TOWNSHIP	RANGE	COUNTY
	CUSTOMER#	i						
4-28-12	5448	VLanal	iving Trait	MD*/	4	243	185	Allen
JUSTOMER	a) Path	1:00 14C	•		TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	SS	ling LLC		1	A 485	Alanm.		
1304 E	57	_			611	Toex		
CITY		STATE	ZIP CODE		637	Jim		
Tola		K5.	66749	]		<u> </u>	100	<u> </u>
	siring 0	HOLE SIZE	134	_	/300/	CASING SIZE &		105.
ASING DEPTH	1149'	DRILL PIPE					OTHER	
SLURRY WEIGH	π	SLURRY VOL_		WATER gal/s	k	CEMENT LEFT in	CASING_201	
NICOL ACCMENT	JEAN.	DISPLACEMEN	T PSI 7ag*	MIX PSI		RATE		
DEMADYS. C.	Consider of	R	7 419 C	since Li	th wash A	read was	sh down	14 Join
<b>-</b>	P. 14	ma & Col Cl.	ush Kesa	call at	in Kound.	7:0 6:0	in near	UWFL
$\Omega \sim 10^{\circ}$	ha.11 A	> books	ALD TO /c	وليا العم	it 5 /2010 1	Jamo Us	<u> </u>	1511
ANTAL CAS	7 0 Kan S	Law 700	$\mathbf{P} = \mathbf{P}_{\mathbf{u} \cdot \mathbf{m} \cdot \mathbf{n}}$	Fresh ux	ter opino	Mix 153	385 0W	
n- 10181	لريوري المدا	mum lune	L aut Du	mo * Linca	Daslac	e with 18	16615 F.C.8	sh water
Final Du	maina Pro	ssure 70	<u>a - S</u>	bul day	بط کے کے	ot well in	with 2	400
Food Cer	nent Ratu	ns To surfa	cx 466	Slurry I	o pit.			
	ت	Jobcamol	in Rig	gomes				
		• •			Thank	Very.		
		•					<del></del>	T
ACCOUNT CODE	QUANIT	Y or UNITS	DE	SCRIPTION of	SERVICES or PF	ODUCT	UNIT PRICE	TOTAL
5461	1		PUMP CHARG	SE		<u> </u>	1030.00	103000
5406	50		MILEAGE				4.00	200.00
							<u> </u>	
1124	1/35	SKS	OWS C	ment C	ment		1880	253800
11183	250*				1 in Ceme	າົT	-21	52.50
1483	400+	,	Cal Elus	7			.21	84.00
JULY 13	1.33							1
			•					
	7.00 5.	•	Ton mil	lon as bu	It Touck	<u> </u>	1.34	470.34
	7.02 70	<u>a.                                    </u>	Ton mil	leage bu	lk Truck		1.34	470.34
5407A		as						470.34
5407A	7.02 To	à.		Cocuum			7.34	470.34 546.00
5407A		<u>a.</u>						<u> </u>
5407K		<u>a.</u>						
5407K		<b>a.</b>						
5407A 5502C								
5407K								
5407K			801				90.00	546.00
5407K			801			7.449	90.00 Subjected	546.00
5407K	-6hrs	l m	80 201	Oocuum		7.55%	90.00	546.00

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1083274

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

# WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	33783		API No. 15 - 15-001-30304-00-00
Name: Michael Drillin			Spot Description:
Address 1: 1304 E ST			SE_SW_SE_SE Sec. 4 Twp. 24 S. R. 18 ▼ East West
Address 2: PO BOX 402			Feet from □ North / 🗹 South Line of Section
City: IOLA		66749 + 3002	980 Feet from 🗹 East / 🗌 West Line of Section
Contact Person: Rick Mic			Footages Calculated from Nearest Outside Section Corner:
Phone: ( 620 ) 496-7	795		□NE □NW ØSE □SW
CONTRACTOR: License #	33783		County: Allen
Name: Michael Drilling L			Lease Name: V. Latta Living trust WD-1
Wellsite Geologist: n/a			Field Name: lola
Purchaser: n/a			Producing Formation: Mississippian
Designate Type of Completi			Elevation: Ground: 1018 Kelly Bushing: 1018
		Workover	Total Depth: 1200 Plug Back Total Depth: 1149
Oil Wsv		siow	Amount of Surface Pipe Set and Cemented at: 21 Feet
Gas D&A	ENHR	☐ sigw	Multiple Stage Cementing Collar Used?
☐ og	☐ GSW	Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methan	е)		If Alternate II completion, cement circulated from: 1149
Cathodic Othe	r (Core, Expl., etc.):		feet depth to: 0 w/ 135 sx cmt.
If Workover/Re-entry: Old V	Vell Info as follows:	•	
Operator:			
Well Name:			Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date:	Original To	tal Depth:	Chloride content: 0 ppm Fluid volume: 0 bbls
Deepening R	te-perf. Conv. to	ENHR Conv. to SWD	1
	Conv. to	GSW	Dewatering method used: Evaporated
Plug Back:	Plug	Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled	Permit #:		Operator Name:
Dual Completion	Permit #:		Lease Name: License #:
SWD	Permit #:		Quarter Sec TwpS. R East West
ENHR			
☐ GSW	Permit #:		County: Permit #:
	4/28/2012	04/28/2012	
Spud Date or Date  Recompletion Date	ate Reached TD	Completion Date or Recompletion Date	

## AFFIDAVIT

I am the affiant and I hereby certify that 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.

**Submitted Electronically** 

KCC Office Use ONLY
Letter of Confidentiality Received
Date:
Confidential Release Date:
<b>☑</b> Wireline Log Received
Geologist Report Received
✓ UIC Distribution
ALT         III   Approved by: Deanna Gamison   Date: 06/11/2012

Side Two



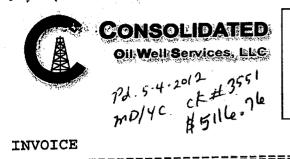
Operator Name: Mich	ael Drilling LLC	!	Lease N	Name: _	V. Latta Livin	g trust	_ Well #: <b>W</b> [	)-1	
Sec. 4 Twp. 24	s. R. <u>18</u>	✓ East  West	County	: Allen					
time tool open and clos	ed, flowing and shu s if gas to surface to	nd base of formations pe ut-in pressures, whether est, along with final char I well site report.	shut-in press	sure read	ched static level	, hydrostatic pres	sures, bottom h	ole tempe	rature, fluid
Drill Stem Tests Taken (Attach Additional Sh	neets)	Yes No		<b>V</b> L	og Formatio	on (Top), Depth ar	nd Datum	S	ample
Samples Sent to Geolo	gical Survey	Yes No		Nam shale	e		Top 1122	D	atum
Cores Taken Electric Log Run Electric Log Submitted Electronically (If no, Submit Copy)		Yes No Yes No Yes No			Mississippi Lime 1141 TD 1200				
List All E. Logs Run:		1							
Gamma Ray/Neutron/CCL Drillers Log		•							
			G RECORD	✓ Ne					
Burness of Chrise	Size Hole	Report all strings se Size Casing	t-conductor, st		ermediate, produc Setting	tion, etc.  Type of	# Sacks	Туре а	nd Percent
Purpose of String	Drilled	Set (In O.D.)	Lbs.	Ft.	Depth	Cement	Used	Ad	Iditives
surface	12.25	8.6250	.21		21	OW	135		
Long string	6.75	4.500	21		1149		135		<u>.</u>
		1							
Purpose:	Depth			# Sacks Used Type and Percent Additives					
Perforate	Top Bottom	Type of Cement	# Sacks	# Sacks Used		lype and	Additives		
Protect Casing Plug Back TD	-				-		·		
Plug Off Zone	-	ä							
Shots Per Foot	PERFORAT Specify	ION RECORD - Bridge Pl Footage of Each Interval P	ugs Set/Type erforated				Cement Squeeze Record d of Material Used)		Depth
			-						
			-						
		i 2							
TUBING RECORD:	Size:	Set At:	Packer A	xt:	Liner Run:	Yes N	o		
Date of First, Resumed F	Production, SWD or El	NHR. Producing M	ethod:	ng 🗀	Gas Lift	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Wa	ter I	Bbls.	Gas-Oil Ratio		Gravity
			METHOD	- 00145	ETION!		PRODUCTION		/Al ·
DISPOSITIO	IN OF GAS:	Open Hole	METHOD OF Perf.	Duall	y Comp. 🔲 Co	ommingled	PRODUCTION		/NE.
(If vented Subr	_			(Submit	ACO-5) (Su	bmit ACO-4)			

## Michael Drilling, LLC P.O. Box 402 Iola, KS 66749 620-496-7795

Company:	Rick Michael	Date: $03/05/12$
Address:	PO Box 402	Lease: V. Latta Living Trust
11001000	Iola Kansas 66749	County: Allen
Ordered By	y: Rick	Well#: wd-1 API#: 15-001-30304-00-00

# **Drilling Log**

FEET	DESCRIPTION	FEET	DESCRIPTION
)-16	Overburden	958-973	Oil Sand
6-80	Lime	973-1032	Sand
30-121	Shale	1032-1114	White Sand
121-160	Lime	1114-1117	Lime
160-193	Shale	1117-1120	Shale
193-199	Lime	1120-1122	Coal
199-223	Shale	1122-1141	Shale
223-269	Lime	1141-1200	Mississippi Lime
269-360	Lime with Shale Streaks	1200	TD
360-368	Lime		
368-395	Shale		Surface 26
395-475	Lime		
475-558	Shale		
558-596	Lime		·
596-641	Shale		
641-662	Lime		
662-680	Shale		
680-697	Lime		
697-707	Shale		
707-712	Lime		
712-742	Shale		
742-747	Sand-Light Odor		
747-932	Shale		
932-958 -	Sand		



**REMIT TO** 

Consolidated Oil Well Services, LLC Dept. 970 P.O. Box 4346 Houston, TX 77210-4346

MAIN OFFICE P.O. Box 884

Chanute, KS 66720 620/431-9210 • 1-800/467-8676 Fax 620/431-0012

INVOICE

Invoice #

Page Invoice Date: 04/30/2012 Terms:

MICHAEL DRILLING

BOX 402

66749 IOLA KS )

V-LATTA LIVING TRUST DW #1

34620

4-24S-18E

04-28-12

KS

			•	
Part Number 1126 1118B 1118B	Description OIL WELL CEMENT PREMIUM GEL / BENTONITE PREMIUM GEL / BENTONITE	Qty 135.00 250.00 400.00	Unit Price 18.8000 .2100 .2100	Total 2538.00 52.50 84.00
Description 485 CEMENT PUMP 485 EQUIPMENT MILL 611 TON MILEAGE DI 637 80 BBL VACUUM	ELIVERY	Hours 1.00 50.00 351.00 6.00	Unit Price 1030.00 4.00 1.34 90.00	Total 1030.00 200.00 470.34 540.00

201.92 AR .00 Tax: 2674.50 Freight: Parts: 5116.76 .00 Total: .00 Misc: Labor: .00 Change: .00 Supplies: 

Signed

Date





TICKET NUI	MBER_	<u>3462</u>	0
LOCATION_	Eur	eka	
FOREMAN_	STeus	nead	

DATE\_

PO Box 884, C	hanute, KS 667	20	D HCKE		-			
620-431-9210	or 800-467-8676	•		CEMEN	T API	5-001-303	64 RANGE	COUNTY
DATE	CUSTOMER#		NAME & NUM		SECTION	TOWNSHIP	KANGE	COUNTY
4-28-12	5448	Vianali	win Trast	WD*1	4	243	185	Allen
CUSTOMER							TRUCK#	DRIVER
Micho	se\	ing 22c		4	TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	ESS				A 485	Alanm.		
1304 E	57			_	611	Tuer		
1304 E		STATE	ZIP CODE		637	Jim		
Tola		K5.	61749					
	estiring O	HOLE SIZE	634	HOLE DEPTH	1300	CASING SIZE & V	WEIGHT_43	1050
	1149'						OTHER	
	IT						CASING 201	
SLURRY WEIGH	1. 186ble	DIGNI ACEMEN	T DSI 746	MIY DOI				
DISPLACEMEN	1/80ble	DISPLACEMEN	1 151 744	IRIX FOI		1 / 100	L -do:	14 50:075
REMARKS: 59	tix Meetin	p. Kis up	70 9/200	sing wi	vy mary	read was	L Land	11/11-0
_مندوع	Jump 45	so = Gel Flu	uh Kein	eall at	not Konug.	Rig was	n near U	Swa.
$\Omega \sim \alpha^{2} R \alpha$	can boill . K	back 4	ND TO 16	ما العر	ir 5 min 1	ramo us	200 C	<u> </u>
A POTO CO	T Packer S	has 700°	Pump	Freshux	iter ohud	Mix 135	285 00C	Clm ent
0- 10 19	cal clust	muna luas	wo tun d	mo & Linus	Dr. s/ac	c with 18	bbls Fre	sh water:
Final Du	maina Pre	ssere Zas	5	but day	in 5h	ut well in	with 2	WOF.
Goods	ment Ratus	ns to surfa	ce 4bb	1 Clurry T	U PIT.			
2221222	3	obcampl	To Ric	down				
					Thank	Veru		
				<u> </u>				
ACCOUNT	QUANITY	or UNITS	DE	SCRIPTION of	SERVICES or PR	RODUCT	UNIT PRICE	TOTAL
5401	1		PUMP CHARG	SE			1030.00	103000
ŽWO L	50		MILEAGE				4.00	200.00

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5441	1	PUMP CHARGE	1030.00	103000
5406	50	MILEAGE	4.00	200.00
1125	1/35sks	OWS COMENT COMENT	1880	2538.00
11183	250*	Gel 2% Additional in Cement	121	52.50
11180	400+	Gel Flush	.21	84.00
54074	7.02 Tens	Ton Mileage bulk Truck	1.34	470.34
55026	6hrs	80 bbl vacuum Truck	90.00	540.00
•				
			SubTatal	4914.84
		7.55%	SALES TAX	201.92
avin 3737	1 m	1 249460	ESTIMATED TOTAL	5116.76

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.