

## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1056837

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 - 15-001-30166-00-00
Name: Michael Drilling LLC		Spot Description:
Address 1: 1304 E ST		NW SW SW NW Sec. 11 Twp. 24 S. R. 18 F East West
Address 2: PO BOX 402		2145 Feet from ✓ North / ☐ South Line of Section
City: IOLA State: KS Zi	p: 66749 + 3002	Feet from East / 🗹 West Line of Section
Contact Person: Rick Michael	<del></del>	Footages Calculated from Nearest Outside Section Corner:
Phone: ( 620 ) 365-2755	<del></del>	□NE ØNW □SE □SW
CONTRACTOR: License # 33783		County: Allen
Name: Michael Drilling LLC		Lease Name: johnson Well #: R-7
Wellsite Geologist: Richard Burris		Field Name:
Purchaser:		Producing Formation: Bartlesville
Designate Type of Completion:		Elevation: Ground: 962 Kelly Bushing: 5
✓ New Well Re-Entry	Workover	Total Depth: 886 Plug Back Total Depth:
☑ Oil	☐ slow ☐ slgw	Amount of Surface Pipe Set and Cemented at: 22 Fee  Multiple Stage Cementing Collar Used? Yes No
☐ og ☐ Gsw	Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)		If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):		feet depth to: 886w/ 150 sx cmt
If Workover/Re-entry: Old Well Info as follows:		
Operator:		Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original T	otal Depth:	Chloride content: 0 ppm Fluid volume: 0 bbls
☐ Deepening ☐ Re-perf. ☐ Conv. to	SENHR Conv. to SWD	Dewatering method used: Evaporated
Plug Back: Plu		Location of fluid disposal if hauled offsite:
		Operator Name:
Dual Completion Permit #:		Lease Name: License #:
SWD Permit #:		
ENHR Permit #:		Quarter Sec. Twp. S. R. East Wes
GSW Permit #:		County: Permit #:
05/02/2011 05/03/2011	05/04/2011	
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

Side Two



Operator Name: Mich	nael Drilling LLC		Lease N	Name: _	johnson		Well #:R-7	7	
Sec. 11 Twp.24	s. R. <u>18</u>	✓ East	County						
time tool open and clos	sed, flowing and shu s if gas to surface te	nd base of formations pen tt-in pressures, whether s est, along with final chart( I well site report.	hut-in press	sure rea	ched static level,	hydrostatic p	ressures, bottom h	ole temp	erature, fluid
Drill Stem Tests Taken (Attach Additional S	heets	☐ Yes 🗸 No		□ L	og Formatio	n (Top), Dept	h and Datum		Sample
Samples Sent to Geold	•	Yes No		Nam	е		Тор		Datum
Cores Taken		☐ Yes ☑ No		Shale Lime			22		47 68
Electric Log Run		Yes No			Chala		247 568		
Electric Log Submitted	•	Yes No		Black					40 es
(II no, Submit Copy)				Gas S Oil Sa			840 865		65 86
List All E. Logs Run:					ina		886	00	30
				TD			000		
		CASING	RECORD		ew ✓ Used		<del> </del>	<del></del>	···
		Report all strings set-		_	_	ion, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig Lbs./		Setting Depth	Type of Cement			and Percent Additives
Suface Casing	12.2500	8.6250	21		22	50/50	4		
Long String	7.8750	5.5000	14		874	50/50	150		
		ADDITIONAL	L CEMENTIN	NG / SQL	JEEZE RECORD			I	,
Purpose:  —— Perforate	Depth Top Bottom	Type of Cement	# Sacks	Used		Type	and Percent Additives	•	
Protect Casing Plug Back TD	-								
Plug Off Zone	-					====			
		<u></u>							
Shots Per Foot		ION RECORD - Bridge Plug Footage of Each Interval Per					ment Squeeze Recor of Material Used)	d	Depth
							<del> </del>		
					-			<del> </del>	
								<del> </del>	
							<del></del>	<del></del>	
TUBING RECORD:	Size:	Set At:	Packer A		Liner Run:				
TOBING RECORD.	Ji.e.	Set At.	racker A		_	Yes [	] No		
Date of First, Resumed I	Production, SWD or EN	NHR. Producing Met	hod: Dumpin	9 🗌	Gas Lift 🔲 C	Other (Explain) .			
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Wat	er B	bls.	Gas-Oil Ratio		Gravity
Dienocitie	MI OF CAC:	Τ .	HETHOD OF	COMP	TION.	<u> </u>	PROPULET	N. 11.00-00-0	N.441 .
DISPOSITIO	_		METHOD OF	_ `	_	mmingled	PRODUCTIO	JN INTER	:VAL:
Vented Sold (If vented, Sub	Used on Lease mit ACO-18.)	Other (Specify)		(Submit		mit ACO-4)			

^*	^	1	٠	
113	117	ı	1	

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

Company:	Rick Michael	Date: 05/02/11
Address:	PO Box 402	Lease: Johnson
	Iola Kansas 66749	County: Allen
Ordered By	7: Rick Michael	Well#: R-7 API#:

### **Drilling Log**

FEET	DESCRIPTION	FEET	DESCRIPTION
0-22	Overburden	631-639	Shale
22-28	Shale	639-645	Oil Sand
28-70	Lime	645-840	Shale
70-99	Shale	840-865	Gas Sand
99-106	Lime	865-886	Oil Sand
106-144	Shale	886	1D
144-148	Lime		
148-154	Shale		Surface 22'
1541243	Lime		
243-247	Shale		
247-274	Lime		
274-465	Shale		
465-484	Lime		
484-635	Shale		
535-538	Lime		
538-541	Shale		
541-558	Lime		
558-563	Shale		
563-568	Lime		
568-573	Black Shale		
573-585	Shale		
585-615	Lime		
615-625	Shale		
625-631	Lime		

CONSOLIDATED 15-001-20188-00-00

S-4-11 3748 Johnson K-7  AUSTOMER  Michaels Drilling  MAILING ADDRESS  BOX 402  STATE ZIP CODE  TOLA  TOLA  STATE  JAMES AND	RUCK#	rate. placed culoted	OTHER_ TO CASING  Mixed  Casing  Casin	COUNTY A2 DRIVER Mealing GOOD TOTAL
ACCOUNT CODE QUANTY or UNITS  ACCOUNT CODE QUANTY OR ACCOUNTY OR A	RUCK#	PRIVER AGAM CAGAJ K TIM W. CASING SIZE & CEMENT LEFT II RATE LA GAL CAJOLE CAJO	TRUCK#  Sufely A  CL  DJB  TM/ WEIGHT 5  OTHER  CASING  CASING  CASING  CASING  CASING  CASING	DRIVER Mealing
ALLING ADDRESS  BOX 402  ITY  FOR THE STATE ZIP CODE  KS WT49  OB TYPE LONG STATE HOLE SIZE 778 HOLE DEPTH & ASING DEPTH 874 DRILL PIPE  LURRY WEIGHT  SILURRY VOL  ASSING DEPTH 200 DISPLACEMENT PSI  MIX PSI  EMARKS: Held even meeting Washed  IN 667 maker of 200 of get Establic  ISO 5 K 50/50 poz with 200 get  With 200 2 libit clear water  Cement, Clased water  ACCOUNT QUANITY OF UNITS  DESCRIPTION OF SERV  ONO 2 97,25 ton miles  HOB 45 MILEAGE  HOB 45 MILEAGE  HOD 374' CG5 ins foota  1188 4524 get  1188 4524 get  1188 4524 get  1188 4524 get	B B B B B B B B B B B B B B B B B B B	PRIVER A GAM CAGE K  DECARS TIME W CASING SIZE & CEMENT LEFT II RATE PACE CACAL CALL CALL CALL CALL CALL CALL	Sufely A  CL  DIB.  TM  WEIGHT 5  OTHER  CASING  CASIN	DRIVER Healing
ACCOUNT CODE QUANITY or UNITS DESCRIPTION of SERVER 150 2 6 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	B B B B B B B B B B B B B B B B B B B	CASING SIZE &  CEMENT LEFT II  RATE  PARE  CALCAL  CAL	Sufely A  CL  DIB.  TM  WEIGHT 5  OTHER  CASING  CASIN	Healing  13,  14,  1 panel  2 good
FOOX 402  TY  BY  BY  BY  BY  BY  BY  BY  BY  BY	dou stell	CASEJ K  DECARS  TIM W.  CASING SIZE &  CEMENT LEFT H  RATE  PAFE.  PAFE.  PLACEA  CULTURE  C	WEIGHT 5 OTHER OTHER OF A STANDER OF A STAND	Ju part
FOLGA  STATE ZIPCODE  155 16749  B TYPE LONGISTING HOLE SIZE 778 HOLE DEPTH & SING DEPTH & STURRY VOL.  SING DEPTH & STATE SILVERY VOL.  SING DEPTH & STATE SILVERY VOL.  SING DEPTH & STATE SILVERY VOL.  WATER GAL/SK  BPLACEMENT DISPLACEMENT PSI.  MIX PSI.  MARKS: Held crew Meeting Washed  10 451 Mater of 200 # gel. Establication  SO 5 K 50/30 poz with 290 gel.  SO 5 K 50/30 poz with 290 gel.  Nichaels Drilling  ACCOUNT CODE QUANITY or UNITS DESCRIPTION of SERV  401 1 PUMP CHARGE  402 874' Casing foota  102 874' Casing foota  103 150 gK 50/50 poz  (188 452# gel  120 150 gK 50/50 poz	36 36 dough	CASING SIZE &  CEMENT LEFT II  RATE  PATE  PLACE  CULTURE  CULTURE	OTHER_ TO CASING  Mixed  Casing  Casin	good Msd
B TYPE LONGISTING HOLE SIZE 778 HOLE DEPTH & BING DEPTH & TUBING URRY WEIGHT SLURRY VOL WATER GALIEK SPLACEMENT PSI MIX PSI MI	B 36 dou	CASING SIZE &  CEMENT LEFT II  RATE  PAFE  PAFE  CASA	OTHER_ TO CASING  Mixed  Casing  Casin	good Msd
B TYPE ON GISTING HOLE SIZE 7 /8 HOLE DEPTH & SING DEPTH & TUBING URRY WEIGHT SLURRY VOL WATER GAL/SK BPLACEMENT PSI MIX PSI MIX PSI MIX PSI MIX PSI WAS SEA W	dou	CASING SIZE &  CEMENT LEFT II  RATE  PAFE  PAFE  CASA	OTHER_ TO CASING  Mixed  Casing  Casin	good Msd
SING DEPTH \$74 DRILL PIPE TUBING  URRY WEIGHT SLURRY VOL WATER GAL/SK  BPLACEMENT DD DISPLACEMENT PSI MIX PSI  MARKS: Held crew Meeting Washed  O 507 Mater of 200 of gel. Establic  SO 5 16 50/50 poz with 200 gel.  ACCOUNT CODE QUANITY or UNITS DESCRIPTION of SERV  POBL 1 PUMP CHARGE  HOS MILEAGE  HOS STATE CASING FOOTA  102 290,25 Tour miles  502 C SO 304 SO 150 poz	dou	CEMENT LEFT I	OTHER_ TO CASING  Mixed  Casing  Casin	good Msd
SLURRY WEIGHT SLURRY VOL WATER gal/sk BPLACEMENT DISPLACEMENT PSI MIX PSI  MARKS: Held crew Meedlas Washed 10 501 mater of 200 ff del. Establis 50 s k 50/30 poz with 200 gel.  Nichaels Drillins  ACCOUNT CODE QUANITY or UNITS DESCRIPTION of SERVED 10 2 971 casing foota 10 2 971 2 971 casing foota 10 2 971 2 971 casing foota 10 2 971 2	shep	rate rate. placed culoted	CASING MIXAD CASSING TO BE	good Msd
DISPLACEMENT PSI MIX PSI  MARKS: Held crew Meeting Washed  D 661 mater of 200 of ord. Establic  SO 5 K 50/30 poz with 290 gel.  Nith 2012 hib' clear water  CEMENT. Clased water  CODE QUANTY or UNITS DESCRIPTION of SERV  HOB H5 MILEAGE  HOB H5 MILEAGE  HOD 374' Casing foota  102 874' Casing foota  107 290,25 Foota  108	shep	rate rate. placed culoted	Mixal casin 7 bby	good Msd
MARKS: Held even meeting Washed  D 667 mater of 200 of gel. Establic  SO 5 K 50/30 poz with 200 gel.  Nith 2012 libi clear water  Perment. Clased value.  Michaels Drillins  Account code quantry or units percription of serv  HOI 1 pump charge  HOB H5 MILEAGE  102 874' casing foota  107 290,25 ton miles  5020 3 H524 gel  244 150.916 50/50 poz	shep	rate. placed	Mixal Casin 7 bbs	good Msd
ACCOUNT QUANTY or UNITS  MICHAELS DVILLIAS  ACCOUNT QUANTY or UNITS  MILEAGE  MILEAG	shep	rate. placed culoted	Mixal Casin 7 bbs	good Msd
ACCOUNT QUANITY OF UNITS  ACCOUNT QUANITY OF UNITS  DESCRIPTION OF SERV  HOB H5  H02 874' CG5:ng foota  102 874' CG5:ng foota  107 290,25  5020  150,21  150,2	- X	placed	Alex	good Msd
Michaels Dillins  ACCOUNT QUANITY OF UNITS DESCRIPTION OF SERVE POIL  ADD 1 PUMP CHARGE  ADD 45 MILEAGE  ADD 290,25 Tour miles  80 VAI  188 4524 gel  24 150 gK  50150 pos	Cir	culated	Alex	good Msd
Michaels Dillius  ACCOUNT QUANITY or UNITS DESCRIPTION of SERV  1401 1 PUMP CHARGE  1402 874' Casing foota  1407 290,25 ten miles  15026 4524 ge  24 150916 50150 pos			Alex	JOSA TOTAL
Michaels Drilling  ACCOUNT QUANITY or UNITS DESCRIPTION of SERV  401  1 PUMP CHARGE  402  874' Casing foota  107  290,25  107  290,25  80 val  188  452# ge  24  150,314  50150 po2			Alas	TOTAL
CCOUNT QUANITY or UNITS  DESCRIPTION of SERV  PUMP CHARGE  MILEAGE  CAS inc foota  107 290,25 ton miles  80 4524 gel  24 150 gK  50150 poz			Alex	TOTAL
CODE QUANTY OF UNITS DESCRIPTION OF SERVE AND 1 PUMP CHARGE  ADD 45 MILEAGE  (02 874' Casing foota  107 290,25 tour miles  80 Val  188 4524 ge  24 150 g/K 50150 poz			10	TOTAL
406 45 MILEAGE 402 874' Casing foota 407 290,25 ten miles 502 C 3 80 Val (18B 4524 ge) 124 150.91 50150 po2	ICES or PRO	ODUCT	UNIT PRICE	
406 45 MILEAGE 402 874' Casing foota 407 290,25 ton miles 502 C 80 Val (18B 4524 ge) 24 150 gK 50150 poz	<del></del>		<del> </del>	92500
18B 4524 gel 24 150gk 50150 poz	-	<del></del>		180.00
167 290,25 ten miles 5020 30 80 val (18B 4524 gel 124 150.91 50150 poz	4 -0			10000
18B 452# gel 124 150gK 50150 poz	<del>5</del>			365.7
24 150 gK 50150 po2			<del> </del> -	A
24 150 gK 50150 poz				270.0
150 gK 50150 poz				90.40
	7			15675
Wo# 241180	*	·		ואושעון
WOTF 24/180			<del>                                     </del>	
1	<del></del>			<del></del> -
'				
		<u> </u>		<del></del>
		<del> </del>	<b>W</b>	
		<del></del>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
				· 14.
			100	
			186	1
sisi .			SALES TAX	125.18
HORIZTION TON TON		7.55	ESTIMATED	2

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. THE NEW KLEIN LUMBER CO., INC.

ļ