KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINA L Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15 - 001-29957-0000
Name: Michael Drilling LLC	Spot Description: SE-SW-NW-SW
Address 1: p.o. box 402	se _sw _nw _sw Sec. 11 Twp. 24 S. R. 19 Fast West
Address 2:	1465 Feet from North / South Line of Section
City: lola State: Ks Zip: 66749 + 3002	Feet from East / _ West Line of Section
Contact Person: Rick Michael	Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 496 - 7795	□NE □NW □SE ☑SW
CONTRACTOR: License # _33783	County: Allen
Name: Michael Drilling LLC	Lease Name: Johnson Well #: R-2
Wellsite Geologist: Richard Burris	Field Name: lola
Purchaser: Pacer Energy	Producing Formation: Bartlevilles
Designate Type of Completion:	Elevation: Ground: 976 est Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 884 Plug Back Total Depth:
✓ Oil SWD SIOW	Amount of Surface Pipe Set and Cemented at: 22'. Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
CM (Coal Bed Methane) Temp. Abd.	If yes, show depth set: Feet
Other (Core, WSW, Expl., Cathodic, etc.)	If Alternate II completion, cement circulated from: 865.8'
If Workover/Re-entry: Old Well Info as follows:	feet depth to: Surface w/ 160 sx cmt.
Operator:	Drilling Fluid Management Plan Ath T 4.4 / 20 10
Well Name:	Drilling Fluid Management Plan Alt II N42 1-20-10 (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content: ppm Fluid volume: bbls
DeepeningRe-perfConv. to EnhrConv. to SWD	Dewatering method used:
Plug Back:Plug Back Total Depth	
Commingled Docket No.:	Location of fluid disposal if hauled offsite:
Dual Completion Docket No.:	Operator Name:
Other (SWD or Enhr.?) Docket No.:	Lease Name: License No.:
10-26-69 18-27-09 11-02-09	Quarter Sec TwpS. R
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas 67202, within 120 days of the spud date, recompletion, workover or coperate two of this form will be held confidential for a period of 12 months if requitality in excess of 12 months). One copy of all wireline logs and geologist well BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form	nversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information uested in writing and submitted with the form (see rule 82-3-107 for confiden-I report shall be attached with this form. ALL CEMENTING TICKETS MUST
All requirements of the statutes, rules and regulations promulgated to regulate the	ne oil and gas industry have been fully complied with and the statements herein
are complete and correct to the best of my knowledge.	,
Signature: Winkow	KCC Office Use ONLY
Title: Date: 1-2 - 10	Letter of Confidentiality Received
Subscribed and sworn to before me this day of	, If Denied, Yes Date:
20	Wireline Log Received
Notary-Public: In da 1500 LIANDA	Geologist Report Received
LINUA	L. SIGG UIC Distribution
Date Commission Expires: 325 My Appt. Expires	- State of Kansas

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Sec. 11 Twp. 24 S. R. 19 East West County: Allen 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 Log Formation (Top), Depth and Datum Sample (Attach Additional Sheets) Name Top Datum Cores Taken Yes No Lime & Shale 645 Shale & Sand 866 Oil sand 884	Operator Name: Mich	ael Drilling LLC		Lease N	lame: _	lohnson		Well #: _R-2	
INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Raport all final copies of drill stems tests giving interval tested, united tool open and dosed, flowing and shull-in pressure, whicher shut-in pressure reached static leved, hydrostatic pressures, bottom hole temperature. The control of the control	Sec. 11 Twp. 24	S. R. 19	✓ East	County:	Allen				
Additional Sheets) Samples Sent to Geological Survey Yes No Cores Taken Yes No Lime & Shale & 545 Shale & Sand & 866 Oil sand & 884 Lime & Shale & Sand &	INSTRUCTIONS: Shot time tool open and clo recovery, and flow rate) ow important tops an sed, flowing and shu as if gas to surface te	d base of formations per t-in pressures, whether s st, along with final chart	netrated. De shut-in press	etail all c sure read	ores. Report all ched static level,	hydrostatic	pressures, bottom h	ole temperature, fluid
Samples Sent to Geological Survey			☐ Yes ☑ No			og Formatio	n (Top), Dep	th and Datum	☐ Sample
Electric Log Rum Submit Copy) Shale & Sand 866 Soil sand 884	·	·	☐ Yes 🗹 No		Nam	е		Тор	Datum
CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, etc. Purpose of String Size Hole Drifled Size Casing Weep's Set Grand Wised Set (in O.D.) Set (in O.D.) W. Set William Set (in O.D.)	Electric Log Run				Shale	& Sand 866			
Purpose of String	Drillers log								
Purpose of String			CASING	RECORD	Ne	w Düsed			
Surface 12.25 8.5/8 21 22' portland 8.sx Production 7.7/8 5.1/2 15.50 865.8' portland 160 ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Perforate Profect Casing Plug Back TD Plug Oif Zone Shots Per Foot PERFORATION RECORD - Bridge Plugs Sel/Type Acid. Fracture. Shot. Cement Squeeze Record (Amount and Kind of Material Used) Open Hole 865.8' — 884' Natural TUBING RECORD: Size: Set Al: Packer Al: Liner Run: Yes No Date of First, Resumed Production, SWD or Enhr. 11/16/2009 Pinks Sel/Type Producing Method: Flowing Pumping Gas Lift Other (Explain) Estimated Production Per Z4 Hours 3 METHOD OF COMPLETION: PRODUCTION INTERVAL: 865.8 - 884 DISPOSITION OF GAS: Portland 160 Perf. Dually Comp. Commingled 865.8 - 884							on, etc.		
Production 7 7/8 5 1/2 15.50 865.8' portland 160 ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Perforate Protect Casing Pug Back TO Plug Oif Zone Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Masterial Used) Depth Open Hole 865.8' - 884' Natural TUBING RECORD: Size: Set Al: Packer At: Liner Run: TUBING RECORD: Size: Set Al: Packer At: Liner Run: TUBING RECORD: Size: Set Al: Producting Method: Flowing Pumping Gas Lift Other (Explain) Estimated Production Per 24 Hours 3 McTHOD OF COMPLETION: PRODUCTION INTERVAL: DISPOSITION OF GAS: METHOD OF COMPLETION: PRODUCTION INTERVAL: METHOD OF COMPLETION: PRODUCTION INTERVAL: 865.8 - 884	Purpose of String		Size Casing Set (In O.D.)						
ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated Natural TUBING RECORD: Size: Set At: Packer At: Liner Run: Yes No Date of First, Resumed Production, SWD or Enhr. 11116/2009 Estimated Production Per 24 Hours Open Hole Sold Y Used on Lease Y Open Hole Perf. Dually Comp. Commingled PRODUCTION INTERVAL: 865.8 - 884	Surface	12.25	8 5/8	21		22'	portland	8 sx	
Purpose: Perforate Casing Protect Casing Pug Back TD Pug Off Zone Shots Per Foot PEFFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth Natural TUBING RECORD: Size: Set Al: Packer At: Liner Run: TUBING RECORD: Size: Set Al: Packer At: Liner Run: 11/116/2009 Production, SWD or Enhr. 11/116/2009 Production, SWD or Enhr. 11/116/2009 Disposition OF GAS: METHOD OF COMPLETION: PRODUCTION INTERVAL: 865.8 - 884	Production	7 7/8	5 1/2	15.50		865.8'	portland	160	
Purpose: Perforate Protect Casing Pug Back TD Pug Off Zone Shots Per Foot PEFFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth Natural TUBING RECORD: Size: Set At: Packer At: Liner Run: Yes No Date of First, Resumed Production, SWD or Enhr. 11/116/2009 Estimated Production Producing Method: 11/116/2009 Disposition OF GAS: METHOD OF COMPLETION: Production P			ADDITIONA	L CEMENTIN	IG / SOI	FEZE RECORD			
Protect Casing Plug Back TD Plug Off Zone Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated Open Hole 865.8' 884' TUBING RECORD: Size: Set At: Packer At: Liner Run: Yes No Date of First. Resumed Production, SWD or Enhr. 11/ 16/2009 Estimated Production Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity 19.0 DISPOSITION OF GAS: METHOD OF COMPLETION: PRODUCTION INTERVAL: 865.8 - 884 Wented Sold Vused on Lease Open Hole Perf. Dually Comp. Commingled	1 1					LEZE RECORD	Туре	and Percent Additives	
Shots Per Foot	Protect Casing								
Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Open Hole 865.8' 884' Natural TUBING RECORD: Size: Set At: Packer At: Liner Run: Yes No Date of First, Resumed Production, SWD or Enhr. 11/16/2009 Estimated Production Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity Per 24 Hours 3 trace 6 19.0 DISPOSITION OF GAS: METHOD OF COMPLETION: PRODUCTION INTERVAL: 865.8 - 884	Plug Off Zone								
Open Hole 865.8' 884' TUBING RECORD: Size: Set At: Packer At: Liner Run: Yes No Date of First, Resumed Production, SWD or Enhr. 11/ 16/2009 Estimated Production Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity Per 24 Hours 3 WETHOD OF COMPLETION: PRODUCTION INTERVAL: Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 865.8 - 884	Shots Per Foot								
Date of First, Resumed Production, SWD or Enhr. 11/ 16/2009 Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity 19.0 DISPOSITION OF GAS: METHOD OF COMPLETION: Vented Sold Vused on Lease Open Hole Perf. Dually Comp. Commingled Production Water Bbls. Gas-Oil Ratio Gravity 19.0 PRODUCTION INTERVAL: 865.8 - 884	Open Hole					Natural			,
Date of First, Resumed Production, SWD or Enhr. 11/ 16/2009 Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity 19.0 DISPOSITION OF GAS: METHOD OF COMPLETION: Vented Sold Vused on Lease Open Hole Perf. Dually Comp. Commingled Production Water Bbls. Gas-Oil Ratio Gravity 19.0 PRODUCTION INTERVAL: 865.8 - 884	i								
Date of First, Resumed Production, SWD or Enhr. 11/ 16/2009 Flowing Pumping Gas Lift Other (Explain)									
Date of First, Resumed Production, SWD or Enhr. 11/ 16/2009 Flowing Pumping Gas Lift Other (Explain)				•					
Tother (Explain) Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity 19.0 DISPOSITION OF GAS: WETHOD OF COMPLETION: PRODUCTION INTERVAL: Wented Sold V Used on Lease Open Hole Perf. Dually Comp. Commingled	TUBING RECORD:	Size:	Set At:	Packer At:	:	_	Yes [] No	<u> </u>
Per 24 Hours 3 trace 6 19.0 DISPOSITION OF GAS: METHOD OF COMPLETION: PRODUCTION INTERVAL: Vented Sold Jused on Lease Open Hole Perf. Dually Comp. Commingled 865.8 - 884	1	Production, SWD or Enh	nr. Producing Met		Flowing	g 📝 Pumpin	ıg 🗌 G	as Lift	er (Explain)
□ Vented □ Sold ▼ Used on Lease ▼ Open Hole □ Perf. □ Dualty Comp. □ Commingled 865.8 - 884		i		Mcf	Wate		ois.	Gas-Oil Ratio	_
✓ Vented Sold ✓ Used on Lease ✓ Open Hole Perf. Dually Comp. Commingled 865.8 - 884	DISPOSITIO	N OF GAS:		METHOD OF	COMPLE	TION:		PRODUCTIO	ON INTERVAL:
	;		✓ Open Hole		_		nmingled		·····

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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JAN 15 2010

KCC WICHITA

Michael Drilling, LLC P.O. Box 402 Iola, KS 66749 620-365-2755

Company:	Rick Michael	Date:	10/ 27/09	
Address:	P.O. Box 402	Lease:	Johnson	
1	Iola Kansas 66749	County	Allen	
Ordered By	: Rick Michael	Well#:	R-2	
,	· · · · · · · · · · · · · · · · · · ·	API#:	15-001-29957-00-00	

Drilling Log

FEET	DESCRIPTION	FEET	DESCRIPTION
0-22	Overburden	599-600	Coal
22-32	Shale	600-615	Lime
32-75	Lime	615-638	Black Shale
75-105	Shale	638-645	Lime
105-121	Lime	645-648	Black Shale and Coal
121-150	Shale	648-859	Sand and Sandy Shale
150-162	Lime Streaks	852	Oil Odor
162-220	Lime	859-866	Sand
220-224	Shale	864	Shale -Oil Odor
224-284	Lime	866-874	Black Shale-Oil Show
284-447	Shale	874-884	Oil Sand
447-449	Lime		
449-451	Shale		Surface 22'
451-480	Lime		
480-496	Shale		
496-547	Sand and Shale		
547-550	Lime		
550-553	Black Shale and Coal		
553-556	Shale		
556-572	Lime		PECEIVED
572-578	Shale		15 2010
578-583	Lime		RECEIVED JAN 15 2010 KCC WICHITA
583-585	Black Shale		KCC MICHILIA
686-599	Shale		

PAYLESS CONCRETE PRODUCTS,INC.

P.O. BOX 664 802 N. INDUSTRIAL RD. IOLA, KS 66749

Voice: 620-365-5588

Fax:

INVOICE

Invoice Number: 25588

Invoice Date:

Nov 2, 2009

Page:

Duplicate

Bill To:	
CASH FOR C.O.D.'S 802 N. INDUSTRIAL RD.	
IOLA, KS 66749	

Ship to: RICK MICHAEL 1304 EAST ST P.O. BOX 402 IOLA, KS 66749

Customer ID	Customer PO	Paymen	t Terms
CASH/C.O.D.	MICHAEL/1400&DEER CR	C.O	.D.
Sales Rep ID	Shipping Method	Ship Date	Due Date
	TRUCK		11/2/09

Quantity	Item	Description	Unit Price	Amount
82.50	CEMENT/WATER	CEMENT & WATER PER BAG MIX	7.60	627.00
1 ! :	TRUCKING	TRUCKING CHARGE	50.00	50.00
			RECEI JAN 1 KCC,	VED 5 2010 VICHITA
		Subtotal		677.00
ì		Sales Tax		42.65
		Total Invoice Amount		719.65
Check/Credit Mem	no No: 804(#25587-88)	Payment/Credit Applied		719.65
:		TOTAL		0.00

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P.O. BOX 664 802 N. INDUSTRIAL RD. IOLA, KS 66749

Voice:

620-365-5588

Fax:

Ship to:

RICK MICHAEL 1304 EAST ST P.O. BOX 402 IOLA, KS 66749

INVOICE

Nov 2, 2009

Invoice Number: 25587

Invoice Date:

Page: Duplicate

CASH FOR C.O.D.'S 802 N. INDUSTRIAL RD. IOLA, KS 66749

Customer ID	Customer PO	Payment	t Terms
CASH/C.O.D.	MICHAEL/1400&DEER CR	C.O	.D.
Sales Rep ID	Shipping Method	Ship Date	Due Date
	TRUCK		11/2/09

Quantity	ltem	Description	Unit Price	Amount
	CEMENTWATER	CEMENT & WATER PER BAG MIX	7.60	627.0
1.00	FRUCKING	TRUCKING CHARGE	50.00	50.0
		500 SX	RECE JAN KCC	IVED 15 2010 WICHITA
		Subtotal		677.0
		Sales Tax		42.6
		Total Invoice Amount		719.6
⊹k/Credit Memo	No: 804(#25587-88)	Payment/Credit Applied		719.6
AU STOCK WICH		TOTAL		0.0