Confidentiality Requested: Yes No

## KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1285214

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

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

OPERATOR: License #	API No. 15				
Name:	Spot Description:				
Address 1:	Sec TwpS. R East 🗌 West				
Address 2:					
City: State: Zip:+	Feet from East / West Line of Section				
Contact Person:	Footages Calculated from Nearest Outside Section Corner:				
Phone: ()					
CONTRACTOR: License #	GPS Location: Lat:, Long:				
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)				
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84				
Purchaser:	County:				
Designate Type of Completion:	Lease Name: Well #:				
New Well Re-Entry Workover	Field Name:				
	Producing Formation:				
	Elevation: Ground: Kelly Bushing:				
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:				
OG GSW Temp. Abd.     CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet				
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No				
	If yes, show depth set: Feet				
If Workover/Re-entry: Old Well Info as follows:					
Operator:	If Alternate II completion, cement circulated from:				
Well Name:	feet depth to:w/sx cmt.				
Original Comp. Date: Original Total Depth:					
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan				
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)				
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls				
Dual Completion     Permit #:	Dewatering method used:				
SWD         Permit #:	Location of fluid disposal if hauled offsite:				
ENHR     Permit #:					
GSW Permit #:	Operator Name:				
	Lease Name: License #:				
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West				
Recompletion Date Recompletion Date	County: Permit #:				

#### 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					
Confidentiality Requested					
Date:					
Confidential Release Date:					
Wireline Log Received					
Geologist Report Received					
UIC Distribution					
ALT I II III Approved by: Date:					

	Page Two	1285214
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	
INCTRUCTIONS. Chain important tang of formations panetrated. De	tail all aaraa Bapart all final	agniag of drill stamp tools giving interval toolad, time tool

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken Ye (Attach Additional Sheets)		Yes No		Log Formatic	on (Top), Depth an	(Top), Depth and Datum	
Samples Sent to Geological Survey		Yes No	Nar	ne		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-		New Used termediate, producti	on, 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
		ADDITIONAL	L CEMENTING / SC	UEEZE RECORD	·		
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and P	ercent Additives	
Protect Casing Plug Back TD							
Plug Off Zone							
Did you perform a hydraulic	fracturing treatment o	n this well?		Yes	No (If No, ski	o questions 2 an	nd 3)

Did you perform a hydraulic nacturning treatment on this weir?
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?

	(II No, onip quoonono z ana
No	(If No, skip question 3)

(If No, fill out Page Three of the ACO-1)

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					ļ		ement Squeeze Record I of Material Used)	Depth	
TUBING RECORD:	Size:	: 5	Set At:	P	acker At:		Liner R	าม:		
								Yes	No	
			Producing Method:	Pumping	ı 🗌	Gas Lift	Other (Explain)			
Estimated Production Per 24 Hours		Oil Bbls.		Gas Mcf		Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	DSITION OF GAS:			METH	METHOD OF COMPLETION:			PRODUCTION INT	ERVAL:	
					(Submit /	,	Commingled (Submit ACO-4)			
DISPOSITIC	Us	Used on Lease Open Hole Perf. (S			Dually (Submit A	Comp. ACO-5)		PRODUCTION INT	ERVAL:	

Yes

Yes

No

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

Form	ACO1 - Well Completion			
Operator	Morrison, Mark L.			
Well Name	HEMPEN H-5			
Doc ID	1285214			

## Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9.875	7	17	42	STD	8	N/A
Production	5.875	2.875	6.5	907	STD	105	N/A

Building Materials Farm & Ranch Supplies Structural Steel Products Hardware & Paint

1651 50TH. RD.



RETURN POLICY - within 30 days only merchandise must be in saleable condition and accompanied by invoice.

No refunds on Special Order non-stock items

Account due 10th of month following purchase. 1 1/2% interest per month added for an annual percentage rate of 18%.

SOLD TO2103 S. SANTA FE<br/>CHANUTE, KS 66720MARK MORRISON(620)431-6070MORRISON CONSTR1

66720 SHIP TO 070 MORRISON CONSTRUCTION 1651 50TH RD

#### YATES CENTER, KS 66783



Shipment #: 1

ACCOUNT #	CUSTOM			TERMS	- 0:10=:: <i>:</i> /	ORDER DATE	SLSMN	INVOICE #	INVOICE DATE
M1876			NET	10TH	1450446	12/02/15	TD	1007056	12/07/15
8	BACKORDERED 0	SHIPPED	U/M	DI CEMENT STANDAN MONARCH STD PALLET ?	ESCRIPTION RD TYPE 1	94LB	<b>PRI</b>	DE	AMOUNT 93.20
									•••
	7, 2015 10		HOMAS	DAVOLT Ship via Fille	0 / D BY CHK'D B		MERCHA	ANDISE	93.20
	INVOICE *******	* * 10		PAGE 1 OF 1	L		TAX 8.	750%	8.16
							FREIGHT		0.00
			•				TOTAL		101.36

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802 N. Industrial Rd. P.O. Box 664 Iola, Kansas 66749 Phone: (620) 365-5588

MODAN

NOTICE TO OWNER Failure of this contractor to pay those persons supplying material or services to complete this contract can result in the filing of a mechanic's lien on the property which is the subject of this contract.

# Payless Concrete Products, Inc.

CONDITIONS Concrete to be delivered to the nearest accessible point over passable road, under truck's own power. Due to delivery at owner's or intermediary's direction, seller assumes no responsibility for damages in any manner to sidewalks, roadways, driveways, buildings, trees, shrubbery, etc., which are at customer's risk. The maximum allotted time for unloading trucks is 5 minutes per yard. A charge will be made for holding trucks longer. This concrete contains correct water contants for strength or mix indicated. We do not assume responsibility for strength test when water is added at customer's request. Contractor must provide place for truck to wash out. A \$30 charge will be added per truck if contractor does not supply a place to wash truck out. Tow charges are buyers responsibility.

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A D

14 U TO YE S ON 75HWY TO 2400RD N, 1.5 MILE SD TIME FORMULA LOAD SIZE YARDS ORDERED DRIVER/TRUCK PLANT/TRANSACTION # 10.00 DATE PO NUMBI LOAD # YARDS DEL. BATCH# WATER TRIM SLUMP TICKET NUMBER WELL HHIZE WARNING PROPERTY DAMAGE RELEASE (TO BE SIGNED IF DELIVERY TO BE MADE INSIDE CURB LINE) Excessive Water is Detrimental to Concrete Performance IRRITATING TO THE SKIN AND EYES Contains Portland Cement: Wear Rubber Boots and Gloves. PROLONGED CONTACT MAY CAUSE BURNS. Avoid Contact With Eyes and Prolonged Contact With Skin. In Case of Contact With Skin or Eyes, Flush Thoroughly With Water, If Irritation Persists, Get Medical Attention. KEEP CHILDREN AWAY. (TO BE SIGNED IF DELIVERY TO BE MADE INSIDE CURB LINE). Bear Customer-The driver of this truck in presenting this RELEASE to you for your signature is of the promon that the size and weight of his much may possibly cause damage to the premises and/or adjacent property if a places the mattern in this thad where you desire it. It is our wish to help you in every way that we can but in order to do this the driver is requesting that you sign the BELEASE relieving him and this supplier from any responsibility from av damage that thay you also agree to help him remove mud from the wheels of his which so that he will not liker the public street. Further, as additional considera-tion, the undersigned agrees to inderimny and hold harmless the drives and/or adjacent property which may be clamed by anyone to heave and/or adjacent property which may be clamed by anyone to heave and/or adjacent property which may be clamed by anyone to heave and/or adjacent property which may be clamed by anyone to heave and/or adjacent property which may be clamed by anyone to heave and/or adjacent property which may be clamed by anyone to heave and/or adjacent property which may be clamed by anyone to heave and/or adjacent property which may be clamed by anyone to heave and/or adjacent property which may be clamed by anyone to heave and/or adjacent property which may be clamed by anyone to heave and/or adjacent property which may be clamed by anyone to heave and/or adjacent property may be adjacent property anyone to heave and/or adjacent property may be adjacent property anyone to heave and/or adjacent property may be adjacent property anyone to heave and/or adjacent property anyone to heave adjacent property anyone to heave and/or adjacent property anyone to heave adjacent property anyone to heave H<sub>2</sub>0 Added By Request/Authorized By GAL X WEIGHMASTER CONCRETE is a PERISHABLE COMMODITY and BECOMES the PROPERTY of the PURCHASER UPON LEAVING the PLANT. ANY CHANGES OR CANCELLATION of ORIGINAL INSTRUCTIONS MUST be TELEPHONED to the OFFICE BEFORE LOADING STARTS. The undersigned promises to pay all costs, including reasonable attorneys' fees, incurred in collecting any sums owed. NOTICE: MY SIGNATURE BELOW INDICATES THAT I HAVE READ THE HEALTH WARNING NOTICE AND SUPPLIER WILL NOT BE RESPONSIBLE FOR ANY DAMAGE CAUSED WHEN DELIVERING INSIDE CURB LINE. All accounts not paid within 30 days of delivery will bear interest at the rate of 24% per annum. Not Responsible for Reactive Aggregate or Color Quality. No Claim Allowed Unless Made at Time Material is Delivered. LOAD RECEIVED BY A \$30 Service Charge and Loss of the Cash Discount will be collected on all Returned Checks. Excess Delay Time Charged @ \$60/HR. X X QUANTITY CODE DESCRIPTION UNIT PRICE EXTENDED PRICE WELL (10 SACKS PER UNIT) 10.50 MIXING AND HALLING WINTER CHARGE TRUCKING TRUCKING CHARGE

TURNED TO PLANT	LEFT JOB	FINISH UNLOADING	DELAY EXPLANATION/CYLIN	DER TEST TAKEN	TIME ALLOWED		122
		305	1. JOB NOT READY 2. SLOW POUR OR PUMP 3. TRUCK AHEAD ON JOB	6. TRUCK BROKE DOWN 7. ACCIDENT 8. CITATION	· · · · · · · · · · · · · · · · · · ·	TAX 7.50	1000
LEFT PLANT	ARRIVED JOB	START UNLOADING	4. CONTRACTOR BROKE DOWN 5. ADDED WATER	9, OTHER	TIME DUE		
TAL ROUND TRIP	TOTAL AT JOB	UNLOADING TIME	1	1.1.1	DELAY TIME	ADDITIONAL CHARGE 1	[   봄봄
				W.		ADDITIONAL CHARGE 2	
	and the second s				and the second second		

## MARK MORRISON 1651 50th Road Yates Center, KS 66783

## **WORK ORDER**

HEMPEN LEASE

DATE	WELL	DESCRIPTION
12/3/2015	H-5	mixed 8 sacks of cement to cement surface
12/8/2015	H-5	established circulation; circulate 105 sacks of cement to surface; pumped plug and set float shoe

## **DRILLERS LOG**

Company:	MARK MORRISON	Contractor: EK Energy LLC
		License# 33977
Farm:	HEMPEN	County: WOODSON
Well No:	H-5	Sec: 35 TWP: 26 Range: 16E
API:	15-207-29315-00-00	Location: 2810 FSL
Surface Pipe:	42'	Location: 4103 FEL
		Spot: SE-SE-SW-NW

SOIL & CLAY LIME SHALE LIME SHALE LIME	7 56 160 180	Drilled 97/8 Hole Set 7" Drilled 57/8 HOLE
SHALE LIME SHALE	160 180	Drilled 57/8 HOLE
LIME SHALE	180	
SHALE		
LINAE	205	Started 12/3/2015
LIVIE	248	Finished 12/8/2015
SHALE	315	
LIME	518	
SHALE	638	T.D. Hole 912'
LIME	648	T.D. PIPE 907'
SHALE	659	
SD&SHALE	674	
SHALE	740	
LIME	758	
SHALE	760	
LIME	765	
SHALE	793	
LIME	807	
SHALE	816	
LIME	819	
SHALE	823	
OIL SAND	827	
SHALE	870	
OIL SAND	881	
DARK SAND	912	
1		
	LIME SHALE SD&SHALE SD&SHALE LIME SHALE OIL SAND SHALE OIL SAND SHALE SH	LIME         648           SHALE         659           SD&SHALE         674           SHALE         740           LIME         740           LIME         758           SHALE         760           LIME         765           SHALE         793           LIME         807           SHALE         816           LIME         819           SHALE         823           OIL SAND         827           SHALE         870           OIL SAND         881