Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1228881

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 # 32834
Name: JTC Oil, Inc.
Address 1: 35790 Plum Creek Road
Address 2:
City: Osawatomie State: KS Zip: 66064 + __ __ __ __
Contact Person: Tom Cain
Phone: (913) 755-2959
CONTRACTOR: License # 32834
Name: JTC Oil, Inc.
Wellsite Geologist: na
Purchaser:

Designate Type of Completion:

☑ New Well ☐ Re-Entry ☐ Workover

☑ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:

Operator:
Well Name:
Original Comp. Date: Original Total Depth:

☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

08/28/2014	08/29/2014	09/16/2014
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-121-30611-00-00
Spot Description:
NE - NW - NE - SE Sec. 27 Twp. 17 S. R. 22 ☑ East ☐ West
2475 Feet from ☐ North / ☑ South Line of Section
825 Feet from ☑ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW

GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

County: Miami
Lease Name: Terbrock Well #: P-3
Field Name:
Producing Formation: Peru
Elevation: Ground: 891 Kelly Bushing: 894
Total Vertical Depth: 400 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 20 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 0
feet depth to: 20 w/ 5 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 1200 ppm Fluid volume: 80 bbls
Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite:

Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. ☐ East ☐ West
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: 10/22/2014
☑ **Confidential Release Date:** 10/21/2016
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** NAOMI JAMES **Date:** 10/22/2014

[redacted] 1228881

Operator Name: JTC Oil, Inc. Lease Name: Terbrock Well #: P-3

Sec. 27 Twp. 17 S. R. 22 ☑ East ☐ West County: Miami

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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Gamma
Neutron
CCL

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum

Peru

CASING RECORD ☑ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, 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
Surface	9	7	10	20	Portland	5	50/50 POZ
Production	5.625	2.875	8	380	Portland	55	50/50 POZ

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	-			
	-			

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☑ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(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	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth

TUBING RECORD: Size: Set At: Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)* _____

PRODUCTION INTERVAL:

Form	ACO1 - Well Completion
Operator	JTC Oil, Inc.
Well Name	Terbrock P-3
Doc ID	1228881

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	9	7	10	20	Portland	5	50/50 POZ
Production	5.625	2.875	8	380	Portland	55	50/50 POZ

Operator License #	32834	API #	15-121-30611-00-00
Operator	JTC Oil, Inc.	Lease Name	Terbrock
Address	35790 Plum Creek Road	Well #	P-3
City	Osawatomie, KS 66064		
Contractor	JTC Oil, Inc.	Spud Date	8/28/2014
Contractor License #	32834	Cement Date	9/16/2014
T.D.	400'	Location	Sec 27 T 17 R 22
T.D. of pipe	380'	2475	feet from S line
Surface pipe size	7"	825	feet from E line
Surface pipe depth	20'	County	Miami
Well Type	Production		

Driller's Log

Thickness	Strata	From	To	
2	soil	0	2	
8	clay	2	10	
5	lime	10	15	
23	shale	15	38	
4	lime	38	42	
27	shale	42	69	
17	lime	69	86	
10	shale	86	96	
27	lime	96	123	
7	coal	123	130	
22	lime	130	152	
4	coal	152	156	
12	lime	156	168	
141	shale	168	309	
4	red bed	309	313	
2	shale	313	315	
3	oil sand	315	318	ok
3	oil sand	318	321	good
3	oil sand	321	324	good
4	shale	324	328	
2	oil sand	328	330	ok
3	oil sand	330	333	v-good
3	oil sand	333	336	v-good
2	oil sand	336	338	v-good
3	oil sand	338	341	v-good
2	shale	341	343	
7	lime	343	350	
50	shale	350	400	

Hurricane Services, Inc.
104 Prairie Plaza Parkway
Garnett, KS 66032
Office # 785-448-3100
Toll Free # 855-718-8027

HURRICANE SERVICES INC
OILFIELD SERVICES

Ticket № 50279
Location
Foreman Dwayne

Cement Service ticket

Date	Customer #	Well Name & Number	Sec./Township/Range	County
9/16/14		Terbrock P-3		Miami
Customer JTC		Mailing Address	City State Zip	

Job Type:			Truck #	Driver
Long STRing	Casing TD 380'		231	Tom
Hole Size 6"	Casing Size: 2 7/8	Displacement: 2.2	241	AmosTRoy
Hole Depth: 400	Casing Weight:	Displacement PSI:	108	JeFF
Bridge Plug:	Tubing:	Cement Left in Casing:	111	TyLor
Packer:	PBTD:		25	Dwayne

Quantity Or Units	Description of Servcies or Product		Pump charge	675.00	
30	Mileage	Cement Pump 231	$3.25/Mile	N/C	
30		Forman Pick Up 25	1.15	N/C	
55 Sacks	OWC Cement		17.95	987.25	T
200 Lbs	Prem Gel Flush		.30 Lb	60.00	T
1 hR	Water TRuck	108	84.00 hr	84.00	
1 hr	Watir TRuck	111	84.00 hr	84.00	
	Water Coustomer Supplied				
2.58 Tons	Bulk Truck	Bulk Delivery 241	$1.15/Mile	150.00	
1	Plugs	2 7/8 Rubber Plug	25.00	25.00	T
			Subtotal	1961.99	
2,065.25		Bid Price	Sales Tax	82.03	
- 103.26 5%			Estimated Total	2,044.02	

Remarks: Hooked onto Casing and Establish circulation Pump 10 BBl Prem Gel Flush Followed By 15 BBl Pad Then Start cement Pump 55 Sacks Stop and Flush Pump Then Pump Wiper Plug to Bottom and Set Float Shoe.

Customer Signature

(Rev. 1-2011)