

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1228890

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	West
Address 2:			Feet	from North / South Line o	f Section
City: Sta	ate: Zip	D:+	Feet	from East / West Line o	f Section
Contact Person:			Footages Calculated from Ne	arest Outside Section Corner:	
Phone: ()			□ NE □ NW	□SE □SW	
CONTRACTOR: License #			GPS Location: Lat:	, Long:	
Name:				. xx.xxxxx) (e.gxxx.xx	xxx)
Wellsite Geologist:			Datum: NAD27 N		
Purchaser:			County:		
Designate Type of Completion:			Lease Name:	Well #:	
New Well Re-	Entry	Workover	Field Name:		
	_		Producing Formation:		
☐ Oil ☐ WSW	SWD	SIOW	Elevation: Ground:	Kelly Bushing:	
☐ Gas ☐ D&A ☐ OG	☐ ENHR	☐ SIGW ☐ Temp. Abd.	Total Vertical Depth:	Plug Back Total Depth:	
CM (Coal Bed Methane)	G3W	Terrip. Abd.	Amount of Surface Pipe Set a	and Cemented at:	Feet
Cathodic Other (Core	Expl etc.)		Multiple Stage Cementing Co		
If Workover/Re-entry: Old Well Info					Feet
Operator:				nent circulated from:	
Well Name:			,	w/	sx cmt
Original Comp. Date:			loot doparto.		_ 0x 01111.
<u> </u>	_	NHR Conv. to SWD			
Deepening Re-perf. Plug Back	Conv. to GS		Drilling Fluid Management I (Data must be collected from the		
Commingled	Permit #:		Chloride content:	ppm Fluid volume:	bbls
Dual Completion	Permit #:		Dewatering method used:		
SWD	Permit #:		Location of fluid disposal if ha	uled offsite:	
☐ ENHR	Permit #:		On a water Manage		
GSW	Permit #:			L'annua II	
				License #:	
Spud Date or Date Rea	ched TD	Completion Date or		TwpS. R	
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 Approved by: Date:					



Operator Name:			Lease Name:			Well #:	
SecS.	R	East West	County:				
INSTRUCTIONS: Show imports open and closed, flowing and and flow rates if gas to surface	shut-in pressure	es, whether shut-in pre	ssure reached stati	c level, hydrosta	tic pressures, bott		
Final Radioactivity Log, Final files must be submitted in LA				gs must be ema	iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Taken (Attach Additional Sheets)		☐ Yes ☐ No			on (Top), Depth an		Sample
Samples Sent to Geological S	Survey	Yes No	Nam	Э		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING Report all strings set-o	RECORD Ne		on etc		
2 (2)	Size Hole	Size Casing	Weight	Setting	Type of	# Sacks	Type and Percent
Purpose of String	Drilled	Set (In O.D.)	Lbs. / Ft.	Depth	Cement	Used	Additives
	<u> </u>	ADDITIONAL	CEMENTING / SQL	EEZE RECORD	I	ı	
Purpose: Perforate Protect Casing Plug Back TD	Depth Top Bottom	Type of Cement	# Sacks Used		Type and P	ercent Additives	
Plug Off Zone							
Did you perform a hydraulic fractu Does the volume of the total base Was the hydraulic fracturing treat	fluid of the hydrau	ulic fracturing treatment ex		Yes [Yes [Yes [Yes [No (If No, ski	p questions 2 ar p question 3) out Page Three	
Shots Per Foot		I RECORD - Bridge Plug otage of Each Interval Perf			cture, Shot, Cement		d Depth
	Spoon, 1 oc		J. C.	(, ,		onal Good	Sopa.
TUBING RECORD: Siz	re:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed Producti	on, SWD or ENHF	R. Producing Meth		Gas Lift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbl		Mcf Wate			as-Oil Ratio	Gravity
DISPOSITION OF G	3ΔS·		METHOD OF COMPLE	TION		PRODI ICTIC	ON INTERVAL:
	Jsed on Lease	Open Hole		Comp. Cor	nmingled mit ACO-4)	FRODUCTIO	ZIN IIN I ERVAE.

Form	ACO1 - Well Completion
Operator	JTC Oil, Inc.
Well Name	Terbrock P-4
Doc ID	1228890

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	9	7	10	20	Portland	5	50/50 POZ
Production	5.625	2.875	8	357	Portland	52	50/50 POZ

	Operator Address City	JTC Oil, Inc. 35790 Plum Cree Osawatomie, KS		Lease Name Well #	Terbrock P-4		
	Contractor	JTC Oil, Inc.		Spud Date	9/6/2014		
	Contractor License #	32834		Cement Date	9/17/2014		
	T.D.	380'		Location	Sec 27	T 17	R 22
	T.D. of pipe	357'		247	'5 feet from	S	line
	Surface pipe size	7"		115	5 feet from	E	line
	Surface pipe depth	20'		County	Miami		
	Well Type	Production					
	Driller'	s Log					
Thickness	Strata	From	To				
2	top soil	0	2				
5	clay	2	7				
2	lime	7	9				
21	shale	9	30				
4	lime	30	34				
29	shale	34	63				
17	lime	63	80				
10	shale	80	90				
26	lime	90	116				
7	coal	116	123				
21	lime	123	144				
4	coal	144	148				
15	lime	148	163				
135	shale	163	298				
4	red bed	298	302				
7	shale	302	309				
3	oil sand	309	312	ok			
6	shale	312	318				
3	oil sand	318	321	ok			
3	oil sand	321	324	v-good			
3	oil sand	324	327	v-good			
3	oil sand	327	330	v-good			
2	lime	330	332				
3	shale	332	335				
7	lime	335	342				
38	shale	342	380				

Operator License #

32834

15-121-30619-00-00

API#

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



Ticket	No	50284	
Location			
Foreman	ilva	yne	

Cement Service ticket

Date Cust	omer# Well Name	& Number Sec	./Township/Range	County
9/17/14	Terbrock	P-4		Miami
Customer	Mailing Address	City	State	Zip

Job Type:			Truck #	Driver
Long String Hole Sile: G	Casing T.D. 357 Casing Size: 27/8		231	Tom
Hole Size: 6		Displacement: 2.07	240	Amos
Hole Depth: 380	Casing Weight:	Displacement PSI:	109	Pere
Bridge Plug:	Tubing:	Cement Left in Casing:	111	TYlor
Packer:	PBTD:	-	25	Dwagne
Quantity Or Units	Description of	Servcies or Product	Pump charge	675 00
30 m	Mileage Cement	PUMP 231	\$3.25/Mile	N/C
30 mi	Forman F	- /	1.5 Mi	nk
52 Sacks	OWC Cemen	+	17 95 SK	
200 65	Prem Gel		.30 66	6000
1 45	water TRuc	K 109	8400 1	84-00
1 65	Water TRuc		840 hr	84 00
	Water Coustomer	Supplied		
2,44 Tons	Bulk Truck Bulk De	Tivery 240	\$1.15/Mile	150.00
1	Plugs 2 % R	ubber Plug	2500	2500
		a	Subtotal	1910,83
2011.40	Bid Price		Sales Tax	77.90
- 100,57 5%			Estimated Total	al 1,988,73
Start Cement Then Pany	- Pump 52 Se Wifer Plug +	and Establish Collowed By 15 acks, Stop and	irculation RISTI Pad Flush Flush Set Floa	ond and Lyp + Shoe
Then Shut	±n v			

Customer Signature

(Rev. 1-2011)