KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33858	API No. 15 - 045-21513-00-00
Name: J & J Operating, LLC	Spot Description: NW NE NE NE
Address 1: 10380 W. 179th st	NWNE_NE_NE Sec. 25 Twp. 13 S. R. 20 V East West
Address 2:	165 Feet from North / South Line of Section
City: Bucyrus State: KS Zip: 66013 +	495 Feet from 📈 East / 🗌 West Line of Section
Contact Person: Patrick Everett	
Phone: (913) 549-8442	Footages Calculated from Nearest Outside Section Corner: NE NW SE SW
CONTRACTOR: License # 32834	County: Douglas
Name: JTC OII, Inc.	Lease Name: Willoughby Well #: 5
Wellsite Geologist:	Field Name: Wildcat
Purchaser: Pacer Energy Marketing	Producing Formation: Squirrel
	Elevation: Ground: 964 Kelly Bushing: NA
Designate Type of Completion:	
New Well Re-Entry Workover Oil SWD SIOW	Total Depth: 818 Plug Back Total Depth: none
	Amount of Surface Pipe Set and Cemented at: 40 Feet
Gas ENHR SIGW CM (Coal Bed Methane) Temp. Abd.	Multiple Stage Cementing Collar Used? Yes No
Dry Other	If yes, show depth set:Feet
(Core, WSW, Expl., Cathodic, etc.)	If Alternate II completion, cement circulated from: 40
If Workover/Re-entry: Old Well Info as follows:	feet depth to: Surface w/ 6 sx cmt.
Operator:	Drilling Fluid Management Plan AH II Not 12-22-09
Well Name:	(Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content: 1500-300 ppm Fluid volume: 99 bbls
Deepening Re-perf Conv. to Enhr Conv. to SWD	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Docket No.:	
Dual Completion	Operator Name:
Other (SWD or Enhr.?) Docket No.:	Lease Name: License No.:
<u>2-11-09</u> <u>2-12-09</u> <u>2-18-2009</u>	QuarterSecTwpS. R East West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workover or of side two of this form will be held confidential for a period of 12 months if re tiality in excess of 12 months). One copy of all wireline logs and geologist w BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information equested in writing and submitted with the form (see rule 82-3-107 for confidencell report shall be attached with this form. ALL CEMENTING TICKETS MUST form with all temporarily abandoned wells. The oil and gas industry have been fully complied with and the statements herein
Signature:	, KCC Office Use ONLY
Title: Agent Date: 2/14/09	\ \lambda \ \lambda \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Subscribed and sworn to before me this 14 day of Deliver	Letter of Confidentiality Received
	, If Denied, Yes Date: Wireline Log Received
20 D. Notary Public: All Mark	Geologist Report Received
	UIC State of desired June 1
SIDIAN POL	LIAN GILIII KCC WICHITA

Side Two

Operator Name: J &	_{ame:} J & J Operating, LLC		Lease I	Lease Name: Willoughby			Well #: <u>5</u>		
	3 _{S. R.} 20	R. 20 East West County: Do			Doug	glas			
INSTRUCTIONS: Shit time tool open and clorecovery, and flow rat surveyed. Attach final	osed, flowing and shu es if gas to surface te	t-in pressi st, along v	ures, whether sl	hut-in pres	sure rea	ched static leve	l, hydrostatic p	ressures, bottom	giving interval tested, hole temperature, fluid Electric Wireline Logs
Drill Stem Tests Taken ☐ Yes ☑ No (Attach Additional Sheets)						og Formati	on (Top), Depti	h and Datum	Sample
Samples Sent to Geo Cores Taken Electric Log Run (Submit Copy)	ological Survey	Y □ Y	es 🗹 No		Nam No (e Geologist a	at well site	Top	Datum
List All E. Logs Run: Gamma Ray/	Neutron								
		Repo	CASING ort all strings set-o	RECORD	✓ Ne		ction etc		
Purpose of String	Size Hole Drilled	Siz	te Casing t (In O.D.)	Weig	ght	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	8/58	6 1/4		8		40	Portland		7,00,000
Completion	5 5/8	2 7/8		6.5		785	Portland	1 143 120	50/50 poz
Purpose:	Depth		*			JEEZE RECORI			
Perforate Protect Casing Plug Back TD Plug Off Zone	Top Bottom	Туре	of Cement	#Sacks	Used		Туре ғ	and Percent Additive	S
Shots Per Foot			RD - Bridge Plug Each Interval Perf				acture, Shot, Ce	ment Squeeze Reco	ord Depth
2	21 Perforation	ns from	761.0 to 7	771.0					
	1919 P Ho U A A A A A A A A A A A A A A A A A A								
TUBING RECORD:	Size:	Set At:		Packer A	t:	Liner Run:	Yes] No	
Date of First, Resumed	Production, SWD or En	hr.	Producing Meth	nod:	Flowin	g Pump	oing Ga	as Lift Otl	her (Explain)
Estimated Production Per 24 Hours	Oil	Bbis.	Gas	Mcf	Wat	er	Bbls.	Gas-Oil Ratio	Gravity
Vented Solo	ON OF GAS: Used on Lease	1 =	_	METHOD OF		_	ommingled	PRODUCT	DEC 1 6 2009



PO Box 884, Chanute, KS 66720

320-431- 9 210 (or 800-467-8676	i		CE	:MENT	•			
DATE	CUSTOMER#	WEL	L NAME & N	UMBER		SECTION	TOWNSHIP	RANGE	COUNTY
2/18/09 CUSTOMER	4028	Willow	Aghp	#5	NE	4 25	13	20	D6
Je:	J Oper		<i>V</i>			TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRI		d.			Ĺ	506	Fred		
103 R	D W 17	9th St			<u> </u>	368	Bill		
Bucy	YUS	STATE KS	ZIP CODE		-	370 5#A	Ken		
JOB TYPE		HOLE SIZE		HOLE	L DEPTH	818	CASING SIZE & V	Chuck VEIGHT 3	278 6
CASING DEPTH		DRILL PIPE		TUB!!				OTHER	
SLURRY WEIGH	п	SLURRY VOL_		WATE	ER gal/sk		CEMENT LEFT IN	CASING 2%	Plug
DISPLAÇEMEN'	т <u>.4.56</u>	DISPLACEMEN	IT PSI	MIX P	'SI		RATE 4B	PM	
REMARKS: ()	beck cas	he de	44 10	/wix	1015	e. Mi	x+ Pump	100# Pre	אביל ווא
Gel	Flush.	of Mix	y Pul	ma	126	5Ks 50	150 Por M	ix ameny	
2%	Cel 590	Salt &					al pers		ment
tro	Surfa	ce F		Dum		lines	clean.	Displac	e
	z" Rubz	er plu	c to	ras	SALE	TO W	14.56	3 BLS Fr	esh
Wa	Here Pre	ssure +	8 45	0# P	SIP	Release	Pressure :	to sex flu	a X
Va.	Lue. S	kut in C	asin						
			<u> </u>				4	ul Mode	<u> </u>
-700	us Daille	mc							
		σ				<u> </u>	<u></u>		
ACCOUNT CODE	QUANITY	or UNITS		DESCRIPTION of SERVICES			ODUCT	UNIT PRICE	TOTAL
5401	1	of Z	PUMP CH	ARGE	Come	at Pural)		8705
5406	1201	30 mi	MILEAGE	Pu		Truck			5175

ACCOUNT CODE	QUANITY of UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL.
5401	1.0f Z	PUMP CHARGE Coment Pump		870
5406	1204 30mi	MILEAGE Pump Truck		5175
5407A	5.2927on	Ton Mileage		18416
5502C	2hrs	Ton Mileage 80 BBL Vac Truck		1882
1124	//3 s.Ks	50/50 Por Mix Cement		1045 35
11183	312**	Premium Cul		49.92
1111	265#	Premium Cul Granvlated Salt		R2 15
1110 A	630*	Kol Seul		245 24
1107A	32 ⁴⁴	Ohana Saal		3454
4402	,	2/2" Rubber Plug		22 =
		SubTotal		277349
		Tago 6.3%		93.2
			1.1	
			SALES TAX	
vln 3737			ESTIMATED.	2011 1

() (Jon Cain TITLE 228814

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