KANSAS CORPORATION COMMISSION 'OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM .ss... WELL HISTORY - DESCRIPTION OF WELL & LEASE

	Form ACO-
$\Delta M I \Delta I M A$	June 200
ORIGINA	June 2005 Sorm Must Be Typed Form must be Signed
Allianin	Form must be Signer
A	II blanks must be Filled

Name Town Oil Company, Inc.	OPERATOR: License #6142	API No. 15 - 121-26773-00-00
Address 1: 16205 W. 287th Street Address 2:	Town Oil Company Inc	\
Address 2:	Address 1: 16205 W. 287th Street	
Contact Person:dester Town	Address 2:	
Protage Gall Protage	City: Paola State: KS Zip: 66071 +	1
Phone: {113		
COUNTRACTOR: License # 6142 Name: Town Oil Company, Inc. Wellsite Geologist: Preducing Formation: Peru		
Name: Town Oil Company, Inc. Wallste Geologist:		
Purchaser; Pacer Energy Markeling Producing Formation: Peru	Town Oil Company Inc	Lease Name: Spindle Well #: 13
Perchasar; Pacer Energy Marketing Designate Type of Completion: New Well Re-Entry Workover	·	l e e e e e e e e e e e e e e e e e e e
Designate Type of Completion: Re-Entry Workover SIOW New Well Re-Entry Workover SIOW		
New Well	•	_
Qoi		
Gas D&A ENHR SIGW Multiple Stage Cementing Coltar Used? Yes No If yes, show depth set:		I :
GG GSW Temp. Abd. If yes, show depth set:		
CM (Coel Bed Methane) If Alternate II completion, cement circulated from: 20' feet depth to: surface w/ 3 sx cmt.		
Cathodic Other (Core, Expt., etc.): feet depth to: Surface w/ 3 sx cml.		
Convert Conv	Cathodic Other (Core, Expl., etc.):	foot doubt to: Surface
Well Name:	If Workover/Re-entry: Old Well Info as follows:	sx cm.
Well Name:	Operator:	
Original Comp. Date:	Well Name:	1
Deepening Re-perf. Com. to SWD	Original Comp. Date: Original Total Depth:	
Conv. to GSW	☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD	
Commingled	Conv. to GSW	Dewatering method used:
Dual Completion	Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
SWD Permit #:	Commingled Permit #:	Operator Name:
SWD Permit #:	-	Lease Name: License #:
GSW Permit #: 9/9/1986 9/12/1986 11/1/1986 Spud Date or Recompletion Date INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Witchita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. 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. Signature: Confidential Release Date: Wiretine Log Received W		
9/9/1986 9/12/1986 11/1/1986 Spud Date or Recompletion Date INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. AFFIDAVIT I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promutgated 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. Signature: Signature: Date: Geologist Report Received Uic Distribution WAR 3 1 2011		_
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date		County.
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Witchita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. AFFIDAVIT I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promutgated 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. Signature: Signature: Title: Agent Recompletion Date with the Kansas Corporation Commission, 130 S. Market - Room 2078, Witchita, Kansas Corporation Commission, 130 S. Market - Room 2078, Witchita, Kansas Corporation Commission, 130 S. Market - Room 2078, Witchita, Kansas Corporation Commission, 130 S. Market - Room 2078, Witchita, Kansas Corporation Commission, 130 S. Market - Room 2078, Witchita, Kansas Corporation Commission, 130 S. Market - Room 2078, Witchita, Kansas Corporation Commission, 130 S. Market - Room 2078, Witchita, Kansas Corporation Commission, 130 S. Market - Room 2078, Witchita, Kansas Corporation of a well. Rule 82-3-107 for confidential of the search of the Witchita, Kansas Corporation of a well. Rule 82-3-107 for confidential of the Witchita, Kansas Corporation of a well. Rule 82-3-107 for confidential of the Witchita, Kansas Corporation of a well. Rule 82-3-107 for confidential of the Witchita, Kansas Corporation of a well. Rule 82-3-107 for confidential of the Witchita, Kansas Corporation of a well. Rule 82-3-107		
Kensas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. 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. Signature: Signature: Date: 3-29-1/ Wireline Log Received UIC Distribution		
Letter of Confidentiality Received Letter of	Kensas 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 retiality in excess of 12 months). One copy of all wireline logs and geologist w	conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information quested in writing and submitted with the form (see rule 82-3-107 for confidenell report shall be attached with this form. ALL CEMENTING TICKETS MUST
Letter of Confidentiality Received Letter of		Wasan III Brani
lations 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. Confidential Release Date:		regular
Signature: Confidential Release Date: Wireline Log Received Geologist Report Received UIC Distribution	lations promulgated to regulate the oil and gas industry have been fully complied	d with Letter of Confidentiality Received MAR 3 1 2011
Signature: Wireline Log Received	and the statements herein are complete and correct to the best of my knowled	·
Title: Agent Date: 3-29-// UIC Distribution	Mari 12. 4.00	☐ Wireline Log Received KCC WICHITA
Title: Agent Date: 3-29-11 UIC Distribution ALT [] [[] III Approved by: 1 Date: 4 [] III	· · · · · · · · · · · · · · · · · · ·	Geologist Report Received
	Title: Agent Date: 3-29-11	1

Side Two

Operator Name: Tov	<u>vn Oil Company, I</u>	nc.		Lease	Name: _	Spindle		Well #:13		<u> </u>
Sec. 18 Twp. 17	s. R. <u>24</u>	✓ East [West	Coun	_{ty:} Mian	ni				
INSTRUCTIONS: Sh time tool open and clo recovery, and flow rate line Logs surveyed. A	sed, flowing and shut es if gas to surface tes	in pressure t, along wit	ss, whether sl h final chart(s	hut-in pre	ssure read	ched static level,	hydrostatic pre	ssures, bottom l	hole temp	erature, fluid
Drill Stem Tests Taker		☐ Yes	√No			og Formation	າ (Top), Depth ຄ	and Datum		Sample
Samples Sent to Geo	logical Survey	Yes	 ✓ No		Nam	e		Тор	ſ	Datum
Cores Taken Electric Log Run Electric Log Submittee (If no, Submit Copy	•	Yes Yes Yes	☑ No □ No							
List All E. Logs Run:										
Gamma Ray/N	Neutron/CCL									
		Report		RECORD	_	w Used	on, etc.			
Purpose of String	Size Hole Drilled		Casing n O.D.)		eight s. / Ft.	Setting Depth	Type of Cement	# Sacks Used		and Percent
Surface	9	6 1/4"				20'	Portland	3		
Completion	5 5/8"	2 7/8"				369'	Portland	53	50/50	POZ
			ADDITIONAL	CEMENT	ING / SOL	JEEZE RÉCORD	<u></u>			
Purpose: —— Perforate —— Protect Casing	Depth Top Bottom	Type of	f Cement		ks Used		Type and	Percent Additives	3	
Plug Back TD Plug Off Zone								<u>=</u>		
Shots Per Foot			- Bridge Plug ch Interval Per		•		cture, Shot, Ceme nount and Kind of I	nt Squeeze Reco Material Used)	rd	Depth
2	341.0-344.0					Acid Fracture	e 341.0-344.	0		
							·		RECE	\/r-p
					, _					
	<u></u> .								IAR 3	2011
TUBING RECORD:	Size:	Set At:		Packer	At:	Liner Run:	Yes 0	₀ KC	C WI	CHITA_
Date of First, Resumed	Production, SWD or EN	HR.	Producing Meth	nod:	oling 🗌	Gas Lift 🔲 C	other (Explain)			
Estimated Production Per 24 Hours	OII E	3bis.	Gas	Mcf	Wat	er Bi	bls.	Gas-Oli Ratio		Gravity
DISPOSITI	ON OF GAS:	1		METHOD (OF COMPLE			PRODUCTI	ON INTER	VAL:
Vented Sold	_	□Ор	,	Perf.	Dually (Submit	Comp. Con	nmingled			
(If vented, Sui	bmit ACO-18.)	Ott	ner (Specify)		1-mmint					 _

Miami County, KS Well: Spindle # 13 Lease Owner: TOC

Town Oilfield Service, Inc. (913) 837-8400

Commenced Spudding: 9/9/1986

WELL LOG

Thickness of Strata	Formation	Total Depth	
0-3	Soil	3	
9	Lime	12	
25	Shale	37	
4	Lime	41	
39	Shale	80	
16	Lime	96	
15	Shale	111	
28	Lime	139 Winterset	
7	Shale/Slate	146	
20	Lime	166 Bethnay Falls	
4	Shale and Slate	170 Water	
3	Lime	173	
5	Shale	178	
6	Lime	184	
2	Shale	186	
6	Sand	192 Oil Show	
6	Broken Sand	198 Oil Show	
10	Shale	208	
17	Sand	225 No OiL Show	
80	Shale	305	
6	Green Shale	311	
19	Sandy Shale	330 .	
3	Coal	333	
2	Shale	335	
4	White Shale	339	
3	Sand	342 Oil Sand	
1	Broken	343 Shale	
0.5	Sand	343.5 Good Oil/Sand	
2	Broken	345.5 Shale	
2	Good Sand	347.5	
6.5	Broken	354 Shale	
6	Shale	360	
20	Shale	380 TD	
		RECEIV	
		MAR 3 1	
		KCC WIC	