



1059017

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West County: _____

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> Name Top Datum </div>
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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

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				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:		Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.			Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <i>(Submit ACO-5)</i> <input type="checkbox"/> Commingled <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Miami County, KS
Well: Holtz #14
Lease Owner: Keith Crawford

Town Oil Company, Inc.
(913) 294-2125

Commenced Spudding:
6/14/2011

WELL LOG

Thickness of Strata	Formation	Total Depth
14	soil and clay	14
9	lime	23
13	shale	36
33	lime	69
5	slate and shale	74
21	lime	95
5	slate and shale	100
2	lime	102
5	shale	107
5	lime	112
13	slate and shale	125
12	shale	137
10	sand	147
121	sandy shale	268
3	Red Bed	271
9	lime sand	280
3	sandy shale	283
3	lime	286
35	shale	321
7	lime	328
7	shale	335
2	limeshells	337
3	shale	340
3	coal	343
5	shale	348
4	lime	352
3	shale	355
7	lime sand	362
8	shale	370
5	lime	375
12	shale	387
23	lime	410
20	shale	430
6	lime	436
9	shale	445
4	limeshells	449
37	sandy shale	486
8	sand	494

Commenced Spudding:
6/14/2011

Core Time Elapsed	Feet	Depth	Time
	1	486	41
	2	487	1:11
	3	488	1:44
	4	489	2:15
	5	490	3:00
	6	491	3:33
	7	493	4:07
	8	493	4:34
	9	494	5:02
	10	495	5:33
	11	496	6:01
	12	497	6:48
	13	498	7:28
	14	499	8:02
	15	500	8:35
	16	501	9:04
	17	502	9:40
	18	503	
	19	504	
	20	505	


CONSOLIDATED
 Oil Well Services, LLC

 Box 884, Chanute, KS 66720
 620-431-9210 or 800-487-8676
TICKET NUMBER 32612LOCATION Ottawa KSFOREMAN Fred Mader
FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6/16/11	2571	Holtz #14	SW 16	18	24	mi

CUSTOMER		TRUCK #		DRIVER	
Crawford Oil Keith Crawford		506	Fred	Safety	mtg
MAILING ADDRESS		368	Ken	KH	
30842 Indianapolis Rd		503	Derek	DM	
CITY					
Paola	STATE	ZIP CODE			
KS	66071				

JOB TYPE long string HOLE SIZE 5 7/8 HOLE DEPTH 540' CASING SIZE & WEIGHT 2 3/4 EUE
 CASING DEPTH 533' DRILL PIPE pin in TUBING 528' OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 5' + Plug
 DISPLACEMENT 3.07 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 43 PPM

REMARKS: Establish Circulation. Mix + Pump 100# Premium Gel Flush.
Mix + Pump 74 sks 50/50 Poz Mix Cement 2 3/4 Gal. Cement to
surface. Flush pump + lines clean. Displace 2 1/2" Rubber
plug to pin in casing w/ 3.07 BBL Fresh water. Pressure
to 700# PSI. Release pressure to set float valve.
Shut in Casing.

Rig Supplied Water.
Town Oil Drilling

Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		975 ⁰⁰
5406	40 mi.	MILEAGE		160 ⁰⁰
5402	533	Casing Footage		N/C
5407	Minimum	Ton Miles		330 ⁰⁰
SCANNED				
1124	74 sks	50/50 Poz Mix Cement		773 ³⁰
1118B	225#	Premium Gel		45 ⁰⁰
4402	1	2 1/2" Rubber plug		26 ⁰⁰
WD# 242084				
			7.55%	SALES TAX
				ESTIMATED TOTAL
				63 ⁵⁹
				2325 ¹²

In 3737

AUTHORIZATION Keith Crawford

TITLE _____

DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this