

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
June 2009

Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34045  
Name: HAT Production LLC  
Address 1: 12371 KS Hwy 7  
Address 2: \_\_\_\_\_  
City: Mound City State: KS Zip: 66056 + \_\_\_\_\_  
Contact Person: Michael Thompson  
Phone: ( 913 ) 795-4348  
CONTRACTOR: License # 33734  
Name: HAT Drilling LLC  
Wellsite Geologist: \_\_\_\_\_  
Purchaser: Pacer

RECEIVED  
OCT 14 2010

KCC WICHITA

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  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_  
4-28-10    5-3-10    5-7-10  
Spud Date or    Date Reached TD:    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 011-23720-00-00  
Spot Description: \_\_\_\_\_  
SW NE NE NE Sec. 26 Twp. 24 S. R. 21  East  West  
1,215 Feet from  North /  South Line of Section  
180 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Bourbon  
Lease Name: Thompson Well #: HP-NOV-05 2010  
Field Name: Bronson-Xenia  
Producing Formation: Bartlesville  
Elevation: Ground: NA Kelly Bushing: NA  
Total Depth: 715 Plug Back Total Depth: 715  
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: 715  
feet depth to: surface w/ 90 sx cmt.

RECEIVED  
NOV 05 2010  
KCC WICHITA

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)  
Chloride content: none ppm Fluid volume: 150 bbls  
Dewatering method used: evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**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 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]  
Title: President Date: 10-12-10

KCC Office Use ONLY

Letter of Confidentiality Received  
Date: \_\_\_\_\_  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: Dlg Date: 10/18/10

Operator Name: HAT Production LLC Lease Name: Thompson Well #: HP-4  
 Sec. 26 Twp. 24 S. R. 21  East  West County: Bourbon

**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 checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>topsoil &amp; clay</td> <td>0</td> <td>12</td> </tr> <tr> <td>shale / lime</td> <td>12</td> <td>676</td> </tr> <tr> <td>sand</td> <td>676</td> <td>678</td> </tr> <tr> <td>shale</td> <td>678</td> <td>715</td> </tr> </table>	Name	Top	Datum	topsoil & clay	0	12	shale / lime	12	676	sand	676	678	shale	678	715
Name	Top	Datum														
topsoil & clay	0	12														
shale / lime	12	676														
sand	676	678														
shale	678	715														
List All E. Logs Run: <b>Gamma Ray, Nuetron, CCL</b>																

CASING RECORD <input checked="" 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
surface	12 1/4	7"	12	20	portland	6	none
casing	5 5/8	2 7/8	6	712	owc	90	gel + flow seal

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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
4	676 - 678 9 shots	not fracked yet	

RECEIVED  
OCT 14 2010  
KCC WICHITA

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. <i>not fracked yet</i>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
---	--	--

Mail to: KCC -Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

RECEIVED  
NOV 05 2010  
KCC WICHITA



**CONSOLIDATED**  
Oil Well Services, LLC

TICKET NUMBER 26863  
LOCATION Ottawa KS  
FOREMAN Fred Mader

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5/7/10		Thompson HP.4	NE 26	24	21	BB
CUSTOMER <u>Hat Production</u>						
MAILING ADDRESS <u>12371 <del>KS</del> Hwy 7</u>						
CITY <u>Mound City</u>		STATE <u>KS</u>	ZIP CODE <u>66056</u>			
		TRUCK #	DRIVER	TRUCK #	DRIVER	
		<u>495</u>	<u>Chuck</u>	<u>Safety</u>	<u>Mfg</u>	
		<u>506</u>	<u>Fred</u>			
		<u>510</u>	<u>Dave K</u>			

JOB TYPE Long string HOLE SIZE 5 7/8 HOLE DEPTH 715 CASING SIZE & WEIGHT 2 7/8 EUE  
CASING DEPTH 712' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 2 7/8" Plug  
DISPLACEMENT 4.1 BBL DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4.3 BPM

REMARKS: Establish circulation. Mix + Pump 100# Premium Gel  
Flush. Mix + Pump 90 sks OWC Cement w/ 1/4# Flo Seal  
Cement to surface. Flush pump + lines clean. Displace  
2 7/8" Rubber Plug to casing TD w/ 4.1 BBL Fresh Water.  
Pressure to 500\* PSI. Release pressure to set float  
value.

Customer supplied water

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE Cement Pump		900 <sup>00</sup>
5406	55mi	MILEAGE Pump Truck		195 <sup>25</sup>
5402	712'	Casing Footage		N/C
5407A	232.65	Ton Miles		279 <sup>15</sup>
1126	90 sks	OWC Cement		1485 <sup>00</sup>
1118B	100#	Premium Gel		17 <sup>00</sup>
1107	23 #	Flo Seal		46 <sup>00</sup>
			3019.95	
		- 5%	151.00	
		Paul cash	2868.95	
		Check # 1081		
		FM		
			6.3%	
			SALES TAX	97 <sup>53</sup>
			ESTIMATED TOTAL	3019 <sup>95</sup>

RECEIVED  
OCT 14 2010

KCC WICHITA

Ravin 3737

AUTHORIZATION \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

HAT DRILLING  
12371 KS HWY 7  
MOUND CITY, KS 66056  
LICENSE # 33734

Thompson #HP-4  
API # 15-011-23720-00-00  
SPUD DATE 4-28-10

Footage	Formation	Thickness	Set 20' of 7"
1	Topsoil	1	TD 715'
5	clay	4	Ran 712.01' of 2 7/8
55	lime	50	
57	shale	2	
58	coal	1	
60	lime	2	
72	shale	12	
109	lime	37	
115	shale	6	
134	lime	19	
268	shale	134	
275	lime	7	
292	shale w/ lime	17	
302	lime	10	
315	shale	13	
320	sand	5	
324	sandy shale	4	
377	shale	53	
398	lime	21	
402	shale	4	
408	lime	6	
452	shale	44	
467	lime	15	
476	shale	9	
480	lime	4	
676	shale	196	
679	sand	3	good bleed
715	shale	36	

RECEIVED  
OCT 14 2010  
KCC WICHITA