

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

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ORIGINAL
Form ACO-1
June 2009

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

WELL COMPLETION FORM KCC WICHITA
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: KCC WICHITA
Purchaser: Pacer

Designate Type of Completion:

- ☒ New Well ☐ Re-Entry ☐ Workover
- ☒ Oil ☐ WSW ☐ SWD ☐ SLOW
☐ 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 #: _____

5-5-10 5-6-10 5-7-10
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 011-23721-00-00
Spot Description: _____
SW NE NE NE Sec. 26 Twp. 24 S. R. 21 ☒ East ☐ West
397 Feet from ☒ North / ☐ South Line of Section
618 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-15
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.

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: DJG Date: 10/19/10

Operator Name: HAT Production LLCLease Name: ThompsonWell #: HP-15Sec. 26 Twp. 24 S. R. 21 ☒ East ☐ WestCounty: 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 ☐ Yes ☒ No
 (Attach Additional Sheets)

 Samples Sent to Geological Survey ☐ Yes ☒ No

 Cores Taken ☐ Yes ☒ No

 Electric Log Run ☐ Yes ☒ No

 Electric Log Submitted Electronically ☐ Yes ☒ No
 (If no, Submit Copy)

☐ Log Formation (Top), Depth and Datum ☒ Sample

Name	Top	Datum
topsoil & clay	0	14
shale/lime	14	670
sand	670	676
shale	676	715

List All E. Logs Run:

Gamma Ray, Nuetron, CCLCASING RECORD ☒ New ☐ 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	one	6	none
casing	5 5/8	2 7/8"	6	712	owc	90	100% of gel, 23 # of 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 (Amount and Kind of Material Used)	Depth
4	671-676 21 perls	5sx of 12 - 20 sand	

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TUBING RECORD: <u>N/A</u>	Size:	Set At:	Packer At:	Liner Run:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>5-25-10</u>	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 (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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KCC WICHITA

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

Thompson #HP-15
API # 15-011-23721-00-00
SPUD DATE 5-05-10

Footage	Formation	Thickness	Set 20' of 7"
2	Topsoil	2	TD 715'
140	lime	138	Ran 712' of 2 7/8
268	shale	128	
275	sandy-shale	7	
299	lime	25	
329	shale	30	
340	sand	11	
377	shale	37	
405	lime	28	
449	shale	44	
480	lime	51	
670	shale	190	
674	sand	4	good odor & bleed
676	sand	2	little oil
677	sand/w shale	1	
678	coal	1	
715	shale	37	

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CONSOLIDATED
Oil Well Services, LLC

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

TICKET NUMBER **26864**

LOCATION Ottawa KS

FOREMAN Fred Madu

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5/7/10		Thompson # HP-15	NE 26	24	21	BB
CUSTOMER <u>Hat Production</u>						
MAILING ADDRESS <u>12371 KS H. way 7</u>						
CITY <u>Mound City</u>	STATE <u>KS</u>	ZIP CODE <u>66056</u>				
			TRUCK #	DRIVER	TRUCK #	DRIVER
			506	Fred	Sally	Wdg
			495	Chuck		
			510	Derek		

JOB TYPE Logging 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 BPM

REMARKS: Establish circulation. Mix + Pump 100 # Premium Gel Flush
Mix + Pump 90 SKS OWC Cement w/ 1/4" Flo Seal per sk
Cement to Surface. Flush pump & lines clean. Displace 2 7/8"
Rubber plug to casing TD w/ 4.1 BBL Fresh Water. Pressure
to 600# PSF. Release Pressure to Set Float Valve.

Customer Supplied Water

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE <u>Cement Pump</u>		900 ⁰⁰
5406	-0-	MILEAGE <u>Trucks on lease</u>		N/C
5402	712'	Casing Footage		N/C
5407A	232.65	Ton miles		279 ¹⁸
1126	70 SKS	OWC Cement		1485 ⁰⁰
1118B	100 #	Premium Gel		17 ⁰⁰
1107	23 #	Flo Seal		46 ⁰⁰
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Thank You		2824.70		
-5%		141.23		
Paid		2683.47		
check 1081				
FSM				
		6.3%	SALES TAX	97 ⁵³
ESTIMATED TOTAL				2824.70

Ravin 3737

AUTHORIZATION _____

TITLE _____

DATE _____