



KANSAS CORPORATION COMMISSION 1271606  
OIL & GAS CONSERVATION DIVISION

Form CP-1  
March 2010

This Form must be Typed  
Form must be Signed  
All blanks must be Filled

**WELL PLUGGING APPLICATION**

Form KSONA-1, Certification of Compliance with the Kansas Surface Owner Notification Act,  
MUST be submitted with this form.

OPERATOR: License #: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address 1: \_\_\_\_\_  
Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
Contact Person: \_\_\_\_\_  
Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

API No. 15 - \_\_\_\_\_  
If pre 1967, supply original completion date: \_\_\_\_\_  
Spot Description: \_\_\_\_\_  
\_\_\_\_ - \_\_\_\_ - \_\_\_\_ Sec. \_\_\_\_ Twp. \_\_\_\_ S. R. \_\_\_\_  East  West  
\_\_\_\_ Feet from  North /  South Line of Section  
\_\_\_\_ Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Check One:  Oil Well  Gas Well  OG  D&A  Cathodic  Water Supply Well  Other: \_\_\_\_\_  
 SWD Permit #: \_\_\_\_\_  ENHR Permit #: \_\_\_\_\_  Gas Storage Permit #: \_\_\_\_\_

Conductor Casing Size: \_\_\_\_\_ Set at: \_\_\_\_\_ Cemented with: \_\_\_\_\_ Sacks  
Surface Casing Size: \_\_\_\_\_ Set at: \_\_\_\_\_ Cemented with: \_\_\_\_\_ Sacks  
Production Casing Size: \_\_\_\_\_ Set at: \_\_\_\_\_ Cemented with: \_\_\_\_\_ Sacks

List (ALL) Perforations and Bridge Plug Sets:

Elevation: \_\_\_\_\_ (  G.L. /  K.B. ) T.D.: \_\_\_\_\_ PBTD: \_\_\_\_\_ Anhydrite Depth: \_\_\_\_\_  
(Stone Corral Formation)

Condition of Well:  Good  Poor  Junk in Hole  Casing Leak at: \_\_\_\_\_  
(Interval)

Proposed Method of Plugging (attach a separate page if additional space is needed):

Is Well Log attached to this application?  Yes  No Is ACO-1 filed?  Yes  No

If ACO-1 not filed, explain why:

**Plugging of this Well will be done in accordance with K.S.A. 55-101 et. seq. and the Rules and Regulations of the State Corporation Commission**

Company Representative authorized to supervise plugging operations: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

Plugging Contractor License #: \_\_\_\_\_ Name: \_\_\_\_\_

Address 1: \_\_\_\_\_ Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

Proposed Date of Plugging (if known): \_\_\_\_\_

Payment of the Plugging Fee (K.A.R. 82-3-118) will be guaranteed by Operator or Agent

Submitted Electronically



### CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

*This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application). Any such form submitted without an accompanying Form KSONA-1 will be returned.*

Select the corresponding form being filed:  C-1 (Intent)  CB-1 (Cathodic Protection Borehole Intent)  T-1 (Transfer)  CP-1 (Plugging Application)

OPERATOR: License # \_\_\_\_\_  
Name: \_\_\_\_\_  
Address 1: \_\_\_\_\_  
Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
Contact Person: \_\_\_\_\_  
Phone: ( \_\_\_\_\_ ) \_\_\_\_\_ Fax: ( \_\_\_\_\_ ) \_\_\_\_\_  
Email Address: \_\_\_\_\_

Well Location:  
\_\_\_\_ - \_\_\_\_ - \_\_\_\_ - \_\_\_\_ Sec. \_\_\_\_ Twp. \_\_\_\_ S. R. \_\_\_\_  East  West  
County: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

*If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:*

**Surface Owner Information:**

Name: \_\_\_\_\_  
Address 1: \_\_\_\_\_  
Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

*When filing a Form T-1 involving multiple surface owners, attach an additional sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the county, and in the real estate property tax records of the county treasurer.*

*If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.*

**Select one of the following:**

- I certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address.
- I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I must provide the name and address of the surface owner by filling out the top section of this form and that I am being charged a \$30.00 handling fee, payable to the KCC, which is enclosed with this form.

*If choosing the second option, submit payment of the \$30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned.*

I Submitted Electronically

I

Form	CP1 - Well Plugging Application
Operator	Chesapeake Operating, LLC
Well Name	HESKAMP 2-23
Doc ID	1271606

Perforations And Bridge Plug Sets

Perforation Top	Perforation Base	Formation	Bridge Plug Depth
4278	4284	Lansing	
4660	4668	Kansas City	
4279	4284	Morrow	
5515	5526	St Louis	



## Chesapeake Operating, Inc. Interoffice Memorandum

**TO:** Jesse Allen  
**CC:** John Hudson, Doug Martin, Ryan Jordan, Bud Neff  
**FROM:** Evan Patton (CM)  
**DATE:** 11-17-2015  
**RE:** Plug and Abandon  
Heskamp 2-23  
SEC 23-T29S-R32W  
Haskell County, Kansas  
Property No: 212142  
Chesapeake Energy      **GWl = 50.678482%**      **NRI = 39.510739%**

---

### Recommendation

The referenced well is recommended for plugging and abandonment.

### Discussion

The Heskamp 2-23 was drilled and completed by Chesapeake Energy in April 2005 to a total depth of 5,758'. Initially, the St. Louis & Morrow were acidized. Moved uphole in June 2005, the Kansas City & Lansing B were completed and then squeezed. The Atoka was completed, and determined to be dry as well so a CIBP was set @ 5450'. The well was reported as dry & TA'd.

The well is dry and has no remaining reserves (3Q15). Geology has determined no uphole potential and the well has been temporarily abandoned. The lease has expired and Chesapeake has plugging liability.

The gross estimate AFE cost to P&A the well is \$42M (\$21.3M net to COI). Partner approval will be necessary to commence operations.

Your approval is respectfully requested.

Heskamp 2-23  
P&A  
11-18-2015

## Well Data

Well Name: Heskamp 2-23      W.I. = 50.678482      N.R.I. = 39.510739

Location: C SW SW, Section 23-T29S-R32W 660 FSL & 660 FWL

County: Haskell County, KS

API #: 15-081-21568      PN: 212142      AFE#: 803624

TD: 5,758'      PBSD: 5,430'      Elevations: KB – 2,905' (11'), GL – 2,894'  
RBP

### Formations

Name	Type	Top	Bottom	Perforations	Comments
St. Louis				5515-26'	
Morrow				5279-84'	
KCA, LNSG B				4278-4668'	squeezed
Atoka				5109-5119'	

### Tubulars

Surface Casing:      41 jts      8 5/8" 24# J-55      0' – 1,815'  
Cemented with 775 sacks cement, circulated to surface.

Production Casing:      127 jts      5 1/2" 17# J-55      0' – 5,757'  
Cemented with 300 sacks cement.  
Cement Port Collar @ 3000' w/ 500 sx cmt  
(TOC – 3504' CBL)

Production Tubing:      none

Other in Hole:      DO & pushed CIBP to 5685'; 5/25/05  
CIBP set @ 5450'; 6/21/2005

Pipe	ID	Drift	Bbls/ft	Burst	Collapse	%
8 5/8", 24#, J-55	8.097"	7.972"	0.0637	2950	1370	100
5 1/2", 17#, J-55	4.892"	4.653"	0.0232	5320	4910	100

Heskamp 2-23

P&A

11-18-2015

**Procedure**

1. Notify KCC District 1 at least 5 days before plugging operations.  
KCC District 1: (620) 225-8888
2. MIRU WOR. ND WH and NU BOP.
3. PU 5 ½" CIBP, TIH with plug and set at ±4,210'. Verify with the KCC on the setting depth for the CIBP, and whether or not another CIBP is required to isolate the Morrow and Atoka zones that were perforated (Lansing & KC were squeezed off).
4. Dump 2 sx cement w/2% CaCl<sub>2</sub> on top of CIBP (Plug 1). TOOH w/tubing while circulating plugging mud.
5. TIH with tbg. Pump the cmt plugs in casing, displacing with plugging mud as per KCC recommendation, or specified volumes below:

Plug 2: Shoe & FW Plug (1000'-800')	70 sx. w/ 2% CaCl <sub>2</sub>
Plug 3: Surface plug (34'-4')	10 sx. w/ 2% CaCl <sub>2</sub>
6. Cut off casing 4ft. below ground level, weld on steel ID plate. RDMO WOR.

Conservation Division  
266 N. Main St., Ste. 220  
Wichita, KS 67202-1513



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Shari Feist Albrecht, Chair  
Jay Scott Emler, Commissioner  
Pat Apple, Commissioner

Sam Brownback, Governor

November 19, 2015

Sara Everett  
Chesapeake Operating, LLC  
6100 N WESTERN AVE  
PO BOX 18496  
OKLAHOMA CITY, OK 73118-1046

Re: Plugging Application  
API 15-081-21568-00-00  
HESKAMP 2-23  
SW/4 Sec.23-29S-32W  
Haskell County, Kansas

Dear Sara Everett:

The Conservation Division has received your Well Plugging Application (CP-1).

**Under K.A.R. 82-3-113(b)(2), you must notify DISTRICT 1 of your proposed plugging plan at least 5 days before plugging the well.** DISTRICT 1's phone number is (620) 225-8888. Failure to notify DISTRICT 1, or failure to file a Well Plugging Record (CP-4) after the well is plugged will result in a penalty recommendation.

**Under K.A.R. 82-3-600, you must file an Application for Surface Pit (CDP-1) if you wish to use a workover pit while plugging the well.** Failure to timely file a CDP-1, failure to timely remove fluids, or failure to timely file Closure of Surface Pit (CDP-4) or Waste Transfer (CDP-5) forms will result in a penalty recommendation.

This receipt does NOT constitute authorization to plug this well if you do not otherwise have the legal right to do so.

This receipt is VOID after May 19, 2016. If the well is not plugged by then, you will have to submit a new CP-1 if you wish to plug the well.

**The May 19, 2016 deadline does NOT override any compliance deadline given to you by Legal, District, or other Commission Staff.** Failure to comply with any given deadline will still result in the Commission assessing penalties, or taking other legal action.

Sincerely,  
Production Department Supervisor

cc: DISTRICT 1