



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 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

Hawker

Beechcraft

**PLUGGING AND ABANDONMENT
PROCEDURE**

**KENNEDY #2
NW SW NW
SEC. 29, T28S, R2E
SEDGWICK COUNTY, KANSAS**

May 23, 2012

Prepared by:
Dan Murta
General Manager of Consulting



A Division of T&C MFG & Operating, Inc.
"Many Options With One Hat"

Hawker Beechcraft Corporation
Kennedy #2
NW SW NW
Sec.29-T28S-R2E
Sedgwick, County Kansas

RE: Plug and Abandonment Procedure

The subject well is a natural gas storage well that has been used by Hawker Beechcraft over the years to store and provide natural gas necessary for their operations. It has now reached a point that the well is no longer a viable asset and Hawker Beechcraft elects to plug and abandon the well in accordance with Kansas Corporation Commission rules and regulations.

P&A Procedure:

1. Prior to moving in workover rig, and other necessary equipment, Hawker Beechcraft will dismantle all piping, fences and other equipment deemed necessary to insure room to perform P&A activities.
2. Place call to Kansas One Call for area locate alert for existing pipe lines.
3. Move in and rig up pulling unit, along with steel circulating tank, and other equipment necessary to perform work.
4. Move in kill truck. Pump 40 barrels of water down the 2 3/8" tubing string.
5. To insure 7" casing integrity from the packer at 2,190 feet back to surface, a 30 minute MIT test will be performed by increasing the annulus pressure to 350 psi. Once test is complete, bled pressure off and proceed to step 6.
6. Remove 2 3/8" orbit valve and replace with TIW valve and lift sub.
7. Unbolt wellhead flange, lift up tubing enough to set slips., remove top wellhead flange.
8. Install TIW valve onto 2 3/8" tubing, strip over 7 1/16", 3m manual BOP. Secure BOP to wellhead.
9. Release Loc-set packer at 2,190 feet.

10. Pull and lay down 2 3/8" tubing (tally tubing as it is laid down). Continue to run stream of water down 7" casing while pulling tubing string.
11. Move in and rig up logging truck. Using full lubricator, run 7" gauge ring to 2,230 feet, then run and set 7" cement retainer at ± 2,225 feet.
12. Run 2 3/8" tubing with sting in adaptor for cement retainer. Mix twenty (20) sacks of common cement. Pump and displace 20 sacks (twice the capacity of the open hole calculations, see below) of common cement below cement retainer at ± 2,225 feet. Pull out of retainer and dump ten (10) sacks cement on top of retainer which will yield approximately 52 feet of fill to approximately ± 2,173 feet.
13. Pull tubing up to 2,173 feet and fill 7" casing with gel.
14. Pull the tubing up to 1,950 feet then spot 15 sacks of common cement which will yield a cement plug of approximately 78 feet from 1,950 feet to 1,872 feet.
15. Pull tubing up to 250 feet, mix and displace common cement to surface. Pull and lay down tubing string. and top out 7" casing. Estimated amount of cement for top plug = 67 sacks.
16. Let cement cure over night.
17. Cut casing off approximately 3 feet below grade. Check top of cement between 7" casing and surface casing. If needed top out with cement. Weld metal cap on top of 7" casing. Cover with soil, and complete job.

Cement Calculations for open hole interval 2,234 ft to 2,252 ft

Given:

- 9 1/2" open hole interval from 2,234 ft to 2,252 ft (18 feet).
- Capacity of 9 1/2" open hole = 0.4922 ft³/ft.
- Yield for Common Cement = 1.18 ft³/sack

$$0.4922 \text{ ft}^3/\text{ft} \times 18 \text{ ft} = 8.86 \text{ ft}^3$$

$$8.86 \text{ ft}^3 \div 1.18 \text{ ft}^3/\text{sack} = 8 \text{ sacks of cement}$$

Ten (10) sacks below retainer times 2 = 20 sacks for open hole below retainer

Cement Calculations above the Cement Retainer @ ± 2,225 feet.

10 sacks common cement with a yield of 1.18 ft³/sack

$$10 \text{ sacks} \times 1.18 \text{ ft}^3/\text{sack} = 11.8 \text{ ft}^3$$

$$11.8 \text{ ft}^3 \times 4.399 \text{ ft}/\text{ft}^3 \text{ (capacity of 7" casing)} = 52 \text{ feet of cement.}$$

Cement Plug at 1,950feet:

$$15 \text{ sacks} \times 1.18 \text{ ft}^3/\text{sack} = 17.7 \text{ ft}^3$$
$$17.7 \text{ ft}^3 \times 4.399 \text{ ft}/\text{ft}^3 \text{ (capacity of 7" casing)} = 78 \text{ feet of cement.}$$

Top Cement Plug at 250 feet

$$0.2273 \text{ ft}^3/\text{ft} \times 250 \text{ ft} = 56.83 \text{ ft}^3$$
$$56.83 \text{ ft}^3 \times 1.18 \text{ ft}^3/\text{sack} = 67 \text{ sacks}$$

**NOTE: PRIOR TO COMMENCING PLUGGING ACTIVITIES NOTIFY
KCC DISTRICT OFFICE NUMBER 2 WITH WORK
SCHEDULE.**

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



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

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

August 12, 2013

Eddie Kile
Beechcraft Corporation
10511 E. CENTRAL
BO15-A02
WICHITA, KS 67206-0085

Re: Plugging Application
API 15-173-03136-00-00
Kennedy 2
NW/4 Sec.29-28S-02E
Sedgwick County, Kansas

Dear Eddie Kile:

This letter is to notify you that the Conservation Division has received your plugging proposal, form CP-1, for the above well and has reviewed the proposal for completeness. The central office will now forward your CP-1 to the district office listed below for review of the proposed plugging method. **Please contact the district office for approval of your proposed plugging method at least five (5) days before plugging the well, pursuant to K.A.R. 82-3-113(b). If a workover pit will be used during the plugging of the well it must be permitted. A CDP-1 form must be filed and approved prior to the use of the pit in accordance with K.A.R. 82-3-600.**

The Conservation Division's review of form CP-1, either in the central or district office, does not include an inquiry into well ownership or the filing operator's legal right to plug the well. This notice in no way constitutes authorization to plug the above well by persons not having legal rights of ownership or interest in the well.

This notice is void after February 08, 2014. The CP-1 filing does not bring the above well into compliance with K.A.R 82-3-111 with regard to the Commission's temporary abandonment requirements.

Sincerely,
Production Department Supervisor

cc: District 2

(316) 630-4000