



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

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## Chesapeake Operating, Inc. Interoffice Memorandum

**TO:** Don Glover  
**CC:** John Hudson, Doug Martin, Ryan Dayton, Bud Neff  
**FROM:** Doug Kathol (CM)  
**DATE:** July 7, 2014  
**RE:** Plug and Abandon  
Groves 1-35 Property No: 217764  
SEC 35-T22S-R40W  
Hamilton County, Kansas  
Chesapeake Energy GWI = 66.67% NRI = 58.33%

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### Recommendation

The referenced well is recommended for plugging and abandonment.

### Discussion

The Groves 1-35 was drilled and completed in 1982 to a total depth of 2,690'. Initially, the Winfield was frac'd w/ 457 bbl gelled SW w/ 22,000# sand. Chesapeake acquired the well from Hugoton in 1998. In 2011 the well was TA'd after several rod parts and pump changes.

The well has produced a cumulative 630.7 MMCF. 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 \$23M (\$15.3M net to COI). Partner approval will not be necessary to commence operations.

Your approval is respectfully requested.

## Groves 1-35

P&A

8-4-10

### Well Data

Well Name: Groves 1-35                      W.I. = 66.67      N.R.I. = 58.33

Location: C SW SW, Section 35-T22S-R40W 660 FSL & 4620 FEL

County: Hamilton County, KS

API #: 15-075-20390                      PN: 217764                      AFE#: 803277

TD: 2,690'                      PBSD: 2,682'                      Elevations: KB – 3,467' (7'), GL – 3,460'

### Formations

Name	Type	Top	Bottom	Perforations	Comments
Winfield				2632-2640'	

### Tubulars

Surface Casing:                      unknown jts                      8 5/8" 24# J-55                      0' - 350'  
Cemented with 280 sacks cement, circulated to surface.

Production Casing:                      unknown jts                      4 1/2" 10.5# J-55                      0' - 2,687'  
Cemented with 550 sacks cmt.  
(TOC – 2000' estimated)

Production Tubing:                      2 3/8" 4.7# J-55 tbg w/ SN & 20' tail pipe set @ 2,681'; 10/18/2010.

Rods/Pump:                      5/8" rods & pmp (pump is top hole dn) w/ GA set @ 2661'; 10/18/2010.

Pipe	ID	Drift	Bbls/ft	Burst	Collapse	%
8 5/8", 24#, J-55	8.097"	7.972"	0.0637	2950	1370	100
4 1/2", 10.5#, K-55	4.052"	3.927"	0.0159	4790	4010	100

**Groves 1-35**

**P&A**

**8-4-10**

**Procedure**

1. Notify KCC District 1 at least 5 days before plugging operations  
KCC District 1: (620)225-8888
2. MIRU WOR, POOH with pump & rods. ND WH, NU BOP, TOO H with tubing
3. PU 4 ½" CIBP, TIH with plug and set at ±2450'. Dump 2 sx cement w/2% CaCl<sub>2</sub> on top of CIBP (Plug 1). TOO H w/tubing while circulating plugging mud.
4. RU to pull 4 ½" casing and weld on pull nipple. PU on casing, MIRU WLU and RIH w/tools and locate freepoint. RIH w/cutting tools and cut casing above freepoint (estimated ~315'). POOH with WL tools and TOO H with 4 ½" casing laying down.
5. TIH with tubing, pump the following plugs in casing/open hole displacing with plugging mud:

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.

January 22, 2015

Sarah Rodriguez/Doug Kathol  
Chesapeake Operating, Inc.  
6100 N WESTERN AVE  
PO BOX 18496  
OKLAHOMA CITY, OK 73118-1046

Re: Plugging Application  
API 15-075-20390-00-00  
GROVES 1-35  
SW/4 Sec.35-22S-40W  
Hamilton County, Kansas

Dear Sarah Rodriguez/Doug Kathol:

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 July 22, 2015. 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 July 22, 2015 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