

| For KCC Use: | Kan |
|-----------------|-----|
| Effective Date: | |
| District # | |
| | |

This authorization expires: __

(This authorization void if drilling not started within 12 months of approval date.)

_____ Agent: ___

SAS CORPORATION COMMISSION IL & GAS CONSERVATION DIVISION

Form CB-1 March 2010 Form must be Typed Form must be Signed All blanks must be Filled

CATHODIC PROTECTION BOREHOLE INTENT

SGA? Yes No Must be approved by the KCC sixty (60) days prior to commencing well. Form KSONA-1, Certification of Compliance with the Kansas Surface Owner Notification Act, MUST be submitted with this form. Expected Spud Date: ___ Spot Description: ___ month year ____ - ___ Sec. ___ Twp. ___ S. R. ___ E W feet from N / S Line of Section OPERATOR: License# _____ ____ feet from E / W Line of Section Name: Is SECTION: Regular Irregular? Address 1: ___ (Check directions from nearest outside corner boundries) Address 2: _____ _____ State: ____ Zip: ____ + __ _ __ County: Contact Person: _____ Facility Name: _ Phone: Borehole Number: ___ Ground Surface Elevation: ____ CONTRACTOR: License#___ Cathodic Borehole Total Depth: _______ feet Name: Depth to Bedrock: Mud Rotary Cable Type Drilling Equipment: Water Information Air Rotary Other Single Multiple Aquifer Penetration: None **Construction Features** Depth to bottom of fresh water: _ Length of Cathodic Surface (Non-Metallic) Casing Depth to bottom of usable water:_____ Planned to be set: ____ Water well within one-quarter mile: Yes No Length of Conductor pipe (if any): _____ feet Public water supply well within one mile: Yes No Surface casing borehole size: _____ _____ inches Cathodic surface casing size: ______ inches Water Source for Drilling Operations: Farm Pond Well Stream Other Cathodic surface casing centralizers set at depths of: _____; _____; Water Well Location: _____ _; ____; ____; ____; ____; ____; ____; DWR Permit # ___ Cathodic surface casing will terminate at: Standard Dimension Ratio (SDR) is = ____ ☐ Above surface ☐ Surface Vault ☐ Below Surface Vault (Cathodic surface csg. O.D. in inches / MWT in inches = SDR) Pitless casing adaptor will be used: Yes No Depth _____feet Annular space between borehole and casing will be grouted with: Anode installation depths are: ____; ____; ____; ____; ____; ☐ Concrete ☐ Neat Cement ☐ Bentonite Cement ☐ Bentonite Clay _; ___; ___; ___; ___; ___; Anode vent pipe will be set at: ______ feet above surface Anode conductor (backfill) material TYPE: Depth of BASE of Backfill installation material: Depth of TOP of Backfill installation material: ____ **AFFIDAVIT** Borehole will be Pre-Plugged? Yes No The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101 et. seq. It is agreed that the following minimum requirements will be met: Notify the appropriate District office prior to spudding and again before plugging the well. An agreement between the operator and the District Office on plugs and placement is necessary prior to plugging. In all cases, notify District Office prior to any grouting. Notify appropriate District Office 48 hours prior to workover or re-entry. 3. A copy of the approved notice of intent to drill shall be posted on each drilling rig. 4. The minimum amount of cathodic surface casing as specified below shall be set by grouting to the top when the cathodic surface casing is set. 5. File all required forms: a. File Drill Pit Application (form CDP-1) with Intent to Drill (form CB-1). b. File Certification of Compliance with Kansas Surface Owner Notification Act (form KSONA-1) with Cathodic Protection Borehole Intent (CB-1) c. File Completion Form (ACO-1) within 30 days from spud date. d. Submit plugging report (CP-4) within 30 days after final plugging is completed. Submitted Electronically For KCC Use ONLY API # 15 -If this permit has expired or will not be drilled, check a box below, sign, date and return Conductor pipe required ______feet to the address below. Minimum Cathodic Surface Casing Required: Permit Expired Well Not Drilled Approved by:

Date

Signature of Operator or Agent

Side Two

1307664

| For KCC Use ONLY | |
|------------------|--|
| API # 15 | |

Operator: _

IN ALL CASES, PLEASE FULLY COMPLETE THIS SIDE OF THE FORM.

In all cases, please fully complete this side of the form. Include items 1 through 3 at the bottom of this page.

Location of Well: County: _

| me: | | feet from N / S Line of Sec |
|------------------------|---------|--|
| Number: | | feet from L E / W Line of Sec |
| | | Sec Twp S. R |
| | | Is Section: Regular or Irregular |
| | | |
| | | If Section is Irregular, locate well from nearest corner boundary. Section corner used: NE NW SE SW |
| | | Section corner used NE NVV SE SVV |
| | | |
| | р | PLAT |
| Show location of the 0 | | nearest lease or unit boundary line. Show the predicted locations of |
| | | equired by the Kansas Surface Owner Notice Act (House Bill 2032). |
| | | separate plat if desired. |
| | | |
| : : | : : : | |
| | | LEGEND |
| | | O Well Location |
| | | Tank Battery Location |
| | | Pipeline Location |
| | | Electric Line Location |
| | | Lease Road Location |
| : : | : : : | : |
| | | EXAMPLE : : |
| : : | 8 | |
| | | |
| | | |
| : : | : : : | |
| | | |
| | : : : | 1980' |
| 1 | | |
| | | |
| | | |
| | | |
| | <u></u> | SEWARD CO. 3390' FEL 2583 ft. |

35 ft.

In plotting the proposed location of the well, you must show:

- 1. The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.;
- 2. The distance of the proposed drilling location from the section's south / north and east / west; line.
- 3. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.



KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form CDP-1 May 2010 Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

| Operator Name: | | License Number: | | | |
|--|---|---|---|--|--|
| Operator Address: | | | | | |
| Contact Person: | | Phone Number: | | | |
| Lease Name & Well No.: | | | Pit Location (QQQQ): | | |
| Type of Pit: Emergency Pit Burn Pit Settling Pit Drilling Pit Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled) | Pit is: Proposed If Existing, date con Pit capacity: | Existing extructed: extructed: extructed: extracted | SecTwpR East WestFeet from North / South Line of SectionFeet from East / West Line of SectionCounty | | |
| Is the pit located in a Sensitive Ground Water A | rea? Yes | No | Chloride concentration: mg/l (For Emergency Pits and Settling Pits only) | | |
| Is the bottom below ground level? Yes No | Artificial Liner? | lo | How is the pit lined if a plastic liner is not used? | | |
| Pit dimensions (all but working pits): | Length (fee | et) | Width (feet) | | |
| Depth fro | om ground level to dee | epest point: | (feet) No Pit | | |
| material, thickness and installation procedure. | | | acluding any special monitoring. | | |
| Distance to nearest water well within one-mile of pit: | | Depth to shallo Source of infor | west fresh water feet. mation: | | |
| feet Depth of water well | feet | measured | well owner electric log KDWR | | |
| Emergency, Settling and Burn Pits ONLY: | | Drilling, Work | over and Haul-Off Pits ONLY: | | |
| Producing Formation: | | Type of materia | Type of material utilized in drilling/workover: | | |
| Number of producing wells on lease: Number | | Number of world | Number of working pits to be utilized: | | |
| Barrels of fluid produced daily: | | Abandonment procedure: | | | |
| Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No | | Drill pits must be closed within 365 days of spud date. | | | |
| Submitted Electronically | | | | | |
| KCC OFFICE USE ONLY Liner Steel Pit RFAC RFAS | | | | | |
| Date Received: Permit Num | ber: | Permi | t Date: Lease Inspection: Yes No | | |



1307664

Form KSONA-1
January 2014
Form Must Be Typed
Form must be Signed
All blanks must be Filled

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 (Ca | athodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application) | | | |
|---|--|--|--|--|
| OPERATOR: License # | Well Location: | | | |
| Name: | SecTwpS. R 🗌 East 🗌 West | | | |
| Address 1: | County: | | | |
| Address 2: | Lease Name: Well #: | | | |
| City: | If filing a Form T-1 for multiple wells on a lease, enter the legal descrip | | | |
| Contact Person: | the lease below: | | | |
| Phone: () Fax: () | | | | |
| Email Address: | | | | |
| Surface Owner Information: | | | | |
| Name: | When filing a Form T-1 involving multiple surface owners, attach an additional | | | |
| Address 1: | 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 | | | |
| Address 2: | county, and in the real estate property tax records of the county treasurer. | | | |
| City: | | | | |
| owner(s) of the land upon which the subject well is or will be loc CP-1 that I am filing in connection with this form; 2) if the form be | batteries, pipelines, and electrical lines. The locations shown on the plat the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted. et (House Bill 2032), I have provided the following to the surface cated: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form eing 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, an | d email address. | | | |
| KCC will be required to send this information to the surface owr | knowledge that, because I have not provided this information, the ner(s). To mitigate the additional cost of the KCC performing this of the surface owner by filling out the top section of this form and CC, which is enclosed with this form. | | | |
| If choosing the second option, submit payment of the \$30.00 handling form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 | | | | |
| Submitted Electronically | | | | |

| Form | CB1CDP1 - Cathodic Protection Borehole Intent |
|-----------|---|
| Operator | ONEOK NGL Pipeline, LLC |
| Well Name | KGS-45 Replacement Martens 1 |
| Doc ID | 1307664 |

Anode Installation Depths

| Depth | |
|---|--|
| 290 | |
| 280 | |
| 270 | |
| 260 | |
| 250 | |
| 240 | |
| 230 | |
| 220 | |
| 210 | |
| 200 | |
| 190 | |
| 180 | |
| 170 | |
| 160 | |
| 150 | |



KGS-45 Replacement Martens



0.45



Legend

R

Rectifier

— Pipeline

•

Deep_Well_GB

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



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

Sam Brownback, Governor

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

According to the drilling pit application, no earthen pits will be used at this location. Steel pits will be used. Please inform the Commission in writing as to which disposal well you utilized to dispose of the contents in the steel pits and the amount of fluid that was disposed. Please file form CDP-5, Exploration and Production Waste Transfer, within 30 days of fluid removal.

Should a haul-off pit be necessary please file form CDP-1, Application for Surface Pit, This location will have to be inspected prior to approval of the haul-off pit application.

A copy of this letter should be posted in the doghouse along with the approved Intent to Drill.