KOLAR Document ID: 1717491

| For | ксс | Use: |
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| Effective | Data: | |
|-----------|-------|--|
| LIECUVE | Date. | |

| District | # | |
|----------|---|--|
| | | |

| SGA? | Yes | No |
|------|-----|----|

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form CB-1 Oct 2016 Form must be Typed Form must be Signed All blanks must be Filled

CATHODIC PROTECTION BOREHOLE INTENT

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 day year | Sec TwpS. R E \[W \] |
| | (a/a/a/a) feet from N / S Line of Section |
| OPERATOR: License# | feet from E / W Line of Section |
| Name: | |
| Address 1: | Is SECTION: Regular Irregular? |
| Address 2: | (Check directions from nearest outside corner boundries) |
| City: State: Zip: + | County: |
| Contact Person: | Facility Name: |
| Phone: | Borehole Number: |
| CONTRACTOR: License# | Ground Surface Elevation: MSL |
| Name: | Cathodic Borehole Total Depth: feet |
| Type Drilling Equipment: Mud Rotary Cable | Depth to Bedrock: feet |
| Air Rotary Other | Water Information |
| Construction Features | Aquifer Penetration: None Single Multiple |
| Length of Cathodic Surface (Non-Metallic) Casing | Depth to bottom of fresh water: |
| Planned to be set: feet | Depth to bottom of usable water: |
| Length of Conductor pipe <i>(if any)</i> : feet | Water well within one-quarter mile: Yes No |
| Surface casing borehole size: inches | Public water supply well within one mile: Yes No |
| Cathodic surface casing size: inches | Water Source for Drilling Operations: |
| Cathodic surface casing centralizers set at depths of:;; | Well Farm Pond Stream Other |
| ;; ;;;;;; | Water Well Location: |
| Cathodic surface casing will terminate at: | DWR Permit # |
| Above surface Surface Vault Below Surface Vault | Standard Dimension Ratio (SDR) is = |
| Pitless casing adaptor will be used: Yes No Depth feet | (Cathodic surface csg. O.D. in inches / MWT in inches = SDR) |
| | 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: |
| AFFIDAVIT | Depth of TOP of Backfill installation material: |
| | 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: | |
| 1. Notify the appropriate District office prior to spudding and again before plugging the w and placement is necessary prior to plugging. In all cases, notify District Office prior to | |
| 2. 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 groups of the set by groups of the set of the se | outing to the top when the cathodic surface casing is set. |
| File all required forms: a. File Drill Pit Application (form CDP-1) with Intent to Drill (for Act (form KSONA-1) with Cathodic Protection Borehole Intent (CB-1) c. File Completi | |

d. Submit plugging report (CP-4) within 60 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 requiredfeet | to the address below. | | |
| Minimum Cathodic Surface Casing Required: feet | Permit Expired Well Not Drilled | | |
| Approved by: | | | |
| This authorization expires: | | | |
| (This authorization void if drilling not started within 12 months of approval date.) | | | |
| Spud date: Agent: | Date Signature of Operator or Agent T | | |
| -1····· | | | |

| For | KCC | Use | ONLY | |
|-----|-----|-----|------|--|

API # 15 -_

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.

| Operator: | Location of Well: County: |
|------------------|--|
| Facility Name: | |
| Borehole Number: | feet from N / S Line of Section |
| | Sec Twp S. R E 📃 W |
| | Is Section: Regular or Irregular |
| | If Section is Irregular, locate well from nearest corner boundary. Section corner used: NE NW SE SW |

PLAT

Show location of the Cathodic Borehole. Show footage to the nearest lease or unit boundary line. Show the predicted locations of lease roads, tank batteries, pipelines and electrical lines, as required by the Kansas Surface Owner Notice Act (House Bill 2032). You may attach a separate plat if desired.

| | | | 50 ft. | | | | |
|-------|-------------|---------------------------------------|---------|-------------|-----------------------|--------|--|
| | : | : | | : | : | : | - 2520 ft. |
| | • | | | | | | LEGEND |
| ••••• | ······ | ····· | | ······ | ······ | ······ | O Well Location Image: Tank Battery Location Pipeline Location Electric Line Location Lease Road Location |
| ••••• | : | : | ••••• | : | | | EXAMPLE : |
| | : : : | <u> </u> | | : : : | : | : | |
| | : | : | •••• | | : | : | |
| | : | : | •••• | : | | : | 0 –––––––––––––––––––––––––––––––––––– |
| | · · · | · · · · · · · · · · · · · · | ••••• | | · • • • • | ····· | |
| | | | | • | • | | : : : SEWARD CO. 3390' FEL |

NOTE: In all cases locate the spot of the proposed drilling locaton.

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.

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KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form CDP-1 July 2014 Form must be Typed

APPLICATION FOR SURFACE PIT

| | | bmit in Duplicat | | | | |
|--|--|---|---|--|--|--|
| Operator Name: | | | License Number: | | | |
| Operator Address: | | | | | | |
| Contact Person: | | | Phone Number: | | | |
| Lease Name & Well No.: | | | Pit Location (QQQQ): | | | |
| Type of Pit: | Pit is: | | · | | | |
| Emergency Pit Burn Pit | Proposed | Existing | SecTwpR East West | | | |
| Settling Pit Drilling Pit | If Existing, date co | nstructed: | Feet from North / South Line of Section | | | |
| Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled) | Pit capacity: | | Feet from East / West Line of Section | | | |
| | | (bbls) | County | | | |
| 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? | Artificial Liner? | | How is the pit lined if a plastic liner is not used? | | | |
| Yes No | Yes | No | | | | |
| Pit dimensions (all but working pits): | Length (fe | et) | Width (feet)N/A: Steel Pits | | | |
| Depth fro | m ground level to dee | epest point: | (feet) No Pit | | | |
| | material, thickness and installation procedure. liner integrity, including any special monitoring. | | | | | |
| | | Depth to shallo Source of inforr | west fresh water feet. | | | |
| feet Depth of water wellfeet | | measured | well owner electric log KDWR | | | |
| Emergency, Settling and Burn Pits ONLY: Dril | | Drilling, Worko | ver and Haul-Off Pits ONLY: | | | |
| Producing Formation: | | Type of material utilized in drilling/workover: | | | | |
| Number of producing wells on lease: | | Number of worl | xing pits to be utilized: | | | |
| Barrels of fluid produced daily: | | Abandonment p | procedure: | | | |
| Does the slope from the tank battery allow all spilled fluids to | | | e closed within 365 days of spud date. | | | |
| Submitted Electronically | | | | | | |
| | ксс | OFFICE USE O | NLY | | | |
| Date Received: Permit Numl | oer: | Permi | t Date: Lease Inspection: Yes No | | | |

Mail to: KCC - Conservation Division, 266 N Main St, Ste 220, Wichita, KS 67202-1513

KOLAR Document ID: 1717491

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

| Form KSONA- |
|--------------------------|
| July 202 |
| Form Must Be Typed |
| Form must be Signed |
| II blanks must be Filled |
| |

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 # | Well Location: | | |
|----------------------------|--|--|--|
| Name: | Sec TwpS. R East 🗌 West | | |
| Address 1: | County: | | |
| Address 2: | Lease Name: Well #: | | |
| City: State: Zip:+ | If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below: | | |
| Contact Person: | | | |
| 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: State: Zip:+ | | | |
| | | | |

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 (see Chapter 55 of the Kansas Statutes Annotated), 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.

Submitted Electronically

API # 15 -_

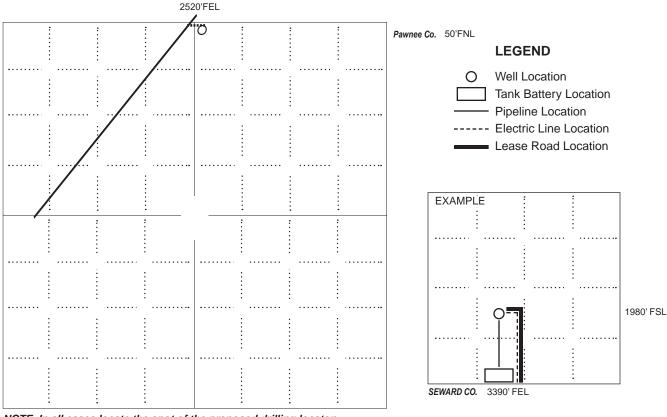
IN ALL CASES, PLEASE FULLY COMPLETE THIS SIDE OF THE FORM.

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

| Operator: | Location of Well: County: |
|------------------|--|
| Facility Name: | feet from N / S Line of Section feet from E / W Line of Section |
| Borehole Number: | feet from E / W Line of Section |
| | Sec Twp S. R E 🗌 W |
| | Is Section: Regular or Irregular |
| | If Section is Irregular, locate well from nearest corner boundary. Section corner used: NE NW SE SW |

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- 3. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.

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

Susan K. Duffy, Chair Dwight D. Keen, Commissioner Andrew J. French, Commissioner



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

Laura Kelly, Governor

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.