

Well will not be drilled or Permit Expired Date: _

Signature of Operator or Agent:

| For KCC | Use: | |
|------------|--------|--|
| Effective | Date: | |
| District # | | |
| SGA? | Yes No | |

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

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

NOTICE OF INTENT TO DRILL

| Expected Spud Date: | month | day | year | Spot Description: | |
|---|---|---|--|---|--|
| | | | , | Sec Twp | |
| PERATOR: License# | | | | feet from | N / S Line of Section |
| ame: | | | | feet from | E / W Line of Sectio |
| ddress 1: | | | | Is SECTION: Regular Irregular? | |
| ddress 2: | | | | (Note: Locate well on the Section Plat | on reverse side) |
| ty: | State: | Zip: | _+ | County: | , |
| ontact Person: | | | | Lease Name: | |
| none: | | | | Field Name: | |
| ONTRACTOR: License | # | | | Is this a Prorated / Spaced Field? | Yes No |
| ame: | | | | Target Formation(s): | |
| Mall Duillad Fam | 14/all Class. | Tue o Fau | de es este | Nearest Lease or unit boundary line (in footage): | |
| Well Drilled For: | Well Class: | Type Equ | | Ground Surface Elevation: | |
| = = | Rec Infield | = | d Rotary | Water well within one-quarter mile: | Yes N |
| Gas Stor | · = | | Rotary | Public water supply well within one mile: | Yes N |
| Disp | | Cab | ole | Depth to bottom of fresh water: | |
| Seismic ;# | | | | Depth to bottom of usable water: | |
| Other: | | | | Surface Pipe by Alternate: I II | |
| If OWWO: old we | II information as follows | s: | | Length of Surface Pipe Planned to be set: | |
| _ | | | | Length of Conductor Pipe (if any): | |
| · | | | | Projected Total Depth: | |
| | Date: Or | | | | |
| Original Completion L | ate Of | iginai iotai Dep | ouri | Water Source for Drilling Operations: | |
| Directional, Deviated or H | orizontal wellbore? | | Yes No | Well Farm Pond Other: | |
| Yes, true vertical depth: | | | | | |
| Bottom Hole Location: | | | | DWR Permit #:(Note: Apply for Permit with DW | MR) |
| (CC DKT #: | | | | | Yes No |
| | | | | If Yes, proposed zone: | |
| is agreed that the follo 1. Notify the appropr 2. A copy of the appr 3. The minimum amounthrough all uncons 4. If the well is dry ho 5. The appropriate d 6. If an ALTERNATE Or pursuant to Ap | wing minimum require riate district office prio roved notice of intent ount of surface pipe a solidated materials plole, an agreement be listrict office will be no II COMPLETION, propendix "B" - Eastern I | ements will be or to spudding to drill shall be as specified be us a minimum where the opeotified before wooduction pipe skansas surfac | met: g of well; ge posted on each elow shall be set of 20 feet into the crator and the dis vell is either plug shall be cemente e casing order # | the drilling rig; the drilling rig; the drilling rig; the vicinculating cement to the top; in all cases surface price underlying formation. the underlying formation. the drilling rig; the drilling | prior to plugging; DAYS of spud date. Iternate II cementing |
| ubmitted Electro | nically | | | Remember to: - File Certification of Compliance with the Kansas Sur Act (KSONA-1) with Intent to Drill; | |
| API # 15 - Conductor pipe required Minimum surface pipe re Approved by: | equired | feet per | | File Drill Pit Application (form CDP-1) with Intent to E File Completion Form ACO-1 within 120 days of spu File acreage attribution plat according to field prorati Notify appropriate district office 48 hours prior to wor Submit plugging report (CP-4) after plugging is comp Obtain written approval before disposing or injecting | d date; on orders; rkover or re-entry; oleted (within 60 days); |

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

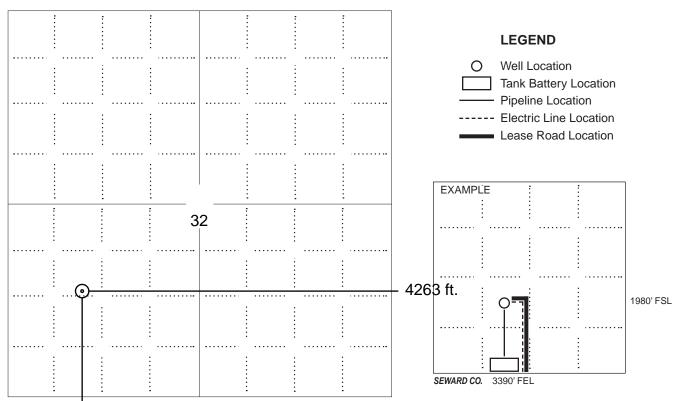
In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

| Operator: | Location of Well: County: |
|---------------------------------------|--|
| Lease: | feet from N / S Line of Section |
| Well Number: | feet from E / W Line of Section |
| Field: | Sec Twp S. R |
| Number of Acres attributable to well: | 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 well. 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.



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

1446 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 south / north and east / west outside section lines.
- 3. The distance to the nearest lease or unit boundary line (in footage).
- 4. If proposed location is located within a prorated or spaced field a certificate of acreage attribution plat must be attached: (C0-7 for oil wells; CG-8 for gas wells).
- 5. 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 Drilling Pit Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled) | Pit is: Proposed Existing If Existing, date constructed: Pit capacity: | | SecTwp R East WestFeet from Bast / West Line of SectionFeet from East / West Line of Section | |
| | (bbls) | | County | |
| Is the pit located in a Sensitive Ground Water A | Area? Yes | No | Chloride concentration: mg/l (For Emergency Pits and Settling Pits only) | |
| Is the bottom below ground level? | Artificial Liner? | No | How is the pit lined if a plastic liner is not used? | |
| Pit dimensions (all but working pits): | Length (fee | et) | Width (feet) N/A: Steel Pits | |
| Depth fro | om ground level to dee | epest point: | (feet) No Pit | |
| If the pit is lined give a brief description of the li material, thickness and installation procedure. | illei | | edures for periodic maintenance and determining ncluding 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 wellfeet | | 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 | al utilized in drilling/workover: | |
| Number of producing wells on lease: | | Number of working pits to be utilized: | | |
| Barrels of fluid produced daily: | | Abandonment | procedure: | |
| Does the slope from the tank battery allow all s flow into the pit? Yes No | pilled fluids to | Drill pits must be closed within 365 days of spud date. | | |
| Submitted Electronically | | | | |
| | KCC | OFFICE USE O | | |
| Date Received: Permit Num | ber: | Permi | Liner Steel Pit RFAC RFAS it Date: Lease Inspection: Yes No | |

Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION

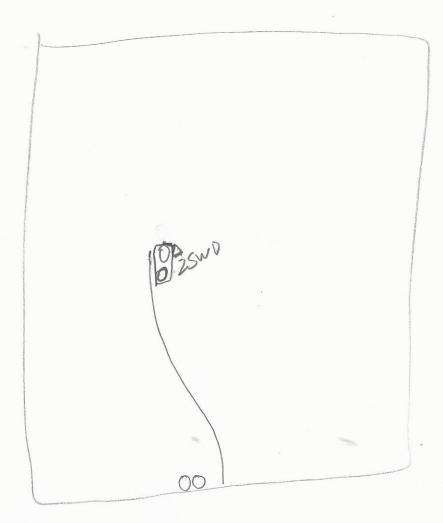
Form KSONA-1 January 2014 Form Must Be Typed Form must be Signed All blanks must be Filled

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 (Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application) | | |
|---|--|--|--|
| OPERATOR: License # | _ Well Location: | | |
| Name: | | | |
| 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 | | |
| 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: | accepts, and in the week extent property toy records of the accepts traceurer | | |
| City: State: Zip:+ | _ | | |
| the KCC with a plat showing the predicted locations of lease roads, to are preliminary non-binding estimates. The locations may be entered | hodic Protection Borehole Intent), you must supply the surface owners and ank batteries, pipelines, and electrical lines. The locations shown on the plat I on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted. | | |
| owner(s) of the land upon which the subject well is or will be CP-1 that I am filing in connection with this form; 2) if the forr form; and 3) my operator name, address, phone number, fax I have not provided this information to the surface owner(s). KCC will be required to send this information to the surface | Act (House Bill 2032), I have provided the following to the surface e located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form m being filed is a Form C-1 or Form CB-1, the plat(s) required by this and email address. I acknowledge that, because I have not provided this information, the owner(s). To mitigate the additional cost of the KCC performing this as 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 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 C | ng fee with this form. If the fee is not received with this form, the KSONA-1 | | |
| Submitted Electronically | | | |
| | _ | | |

TROY BIRK 2-SWD GW/4 of 32-235-15E



Summary of Changes

Lease Name and Number: Troy Birk 2-SWD

API/Permit #: 15-207-29011-00-00

Doc ID: 1238038

Correction Number: 3

Approved By: Rick Hestermann 01/08/2015

| Field Name | Previous Value | New Value | |
|--|--|--|--|
| ElevationPDF | 1101 Estimated | 1112 Estimated | |
| Feet to Nearest Water Well Within One-Mile of | NA | na | |
| Pit Ground Surface Elevation | 1101 | 1112 | |
| KCC Only - Approved By | Rick Hestermann 11/05/2014 | Rick Hestermann 01/08/2015 | |
| KCC Only - Approved Date | 11/05/2014 | 01/08/2015 | |
| KCC Only - Date Received | 11/05/2014 | 01/08/2015 | |
| KCC Only - Regular Section Quarter Calls | NW NE SW SW | SE SE NW SW | |
| LocationInfoLink | https://kolar.kgs.ku.edu/ kcc/detail/locationInform ation.cfm?section=32&t | https://kolar.kgs.ku.edu/kcc/detail/locationInform | |
| Number of Feet East or West From Section Line | 4455 | ation.cfm?section=32&t 4263 | |
| Number of Feet East or West From Section Line | 4455 | 4263 | |

Summary of changes for correction 3 continued

| Field Name | Previous Value | New Value |
|---|---|---|
| Number of Feet North or South From Section Line | 1155 | 1446 |
| Number of Feet North or South From Section Line | 1155 | 1446 |
| Quarter Call 2 | SW | NW |
| Quarter Call 2 | SW | NW |
| Quarter Call 3 | NE | SE |
| Quarter Call 3 | NE | SE |
| Quarter Call 4 - Smallest | NW | SE |
| Quarter Call 4 - Smallest | NW | SE |
| Save Link | //kcc/detail/operatorE ditDetail.cfm?docID=12 30768 | //kcc/detail/operatorE ditDetail.cfm?docID=12 38038 |

Summary of Attachments

Lease Name and Number: Troy Birk 2-SWD

API: 15-207-29011-00-00

Doc ID: 1238038

Correction Number: 3

Approved By: Rick Hestermann 01/08/2015

Attachment Name

map of SWD