

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

1149587

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: | Spot Description: |
|--|--|
| monur day year | |
| PERATOR: License# | feet from N / S Line of Section |
| lame: | feet from E / W Line of Section |
| ddress 1: | Is SECTION: Regular Irregular? |
| ddress 2: | |
| State: | County: |
| Contact Person: | Lease Name: Well #: |
| hone: | Field Name: |
| ONTRACTOR: License# | Is this a Prorated / Spaced Field? |
| ame: | Target Formation(s): |
| Well Drilled For: Well Class: Type Equipment: | Nearest Lease or unit boundary line (in footage): |
| | Ground Surface Elevation:feet MS |
| Oil Enh Rec Infield Mud Rotary | Water well within one-quarter mile: |
| Gas Storage Pool Ext. Air Rotary | Public water supply well within one mile: |
| Disposal Wildcat Cable Seismic ; # of Holes Other | Depth to bottom of fresh water: |
| Other: | Depth to bottom of usable water: |
| | Surface Pipe by Alternate: I |
| If OWWO: old well information as follows: | Length of Surface Pipe Planned to be set: |
| Operator: | |
| Well Name: | Projected Total Depth: |
| Original Completion Date: Original Total Depth: | |
| - · · g······ - · · · · · · · · · · · · | Water Source for Drilling Operations: |
| Directional, Deviated or Horizontal wellbore? | Well Farm Pond Other: |
| f Yes, true vertical depth: | DWR Permit #: |
| Bottom Hole Location: | (Note: Apply for Permit with DWR) |
| | |
| CCC DKT #: | |
| CC DKT #: | |
| | Will Cores be taken? Yes N If Yes, proposed zone: |
| AF | Will Cores be taken? If Yes, proposed zone: FIDAVIT |
| AF The undersigned hereby affirms that the drilling, completion and eventual p | Will Cores be taken? If Yes, proposed zone: FIDAVIT |
| The undersigned hereby affirms that the drilling, completion and eventual p t is agreed that the following minimum requirements will be met: | Will Cores be taken? Yes N If Yes, proposed zone: |
| AF The undersigned hereby affirms that the drilling, completion and eventual p t is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; | Will Cores be taken? If Yes, proposed zone: FIDAVIT lugging of this well will comply with K.S.A. 55 et. seq. |
| AF The undersigned hereby affirms that the drilling, completion and eventual p t is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each | Will Cores be taken? If Yes, proposed zone: FIDAVIT lugging of this well will comply with K.S.A. 55 et. seq. |
| AF The undersigned hereby affirms that the drilling, completion and eventual p t is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on eac 3. The minimum amount of surface pipe as specified below <i>shall be se</i> | Will Cores be taken? If Yes, proposed zone: FIDAVIT lugging of this well will comply with K.S.A. 55 et. seq. th drilling rig; t by circulating cement to the top; in all cases surface pipe shall be set |
| AF The undersigned hereby affirms that the drilling, completion and eventual p t is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on eac 3. The minimum amount of surface pipe as specified below <i>shall be se</i> through all unconsolidated materials plus a minimum of 20 feet into the | Will Cores be taken? If Yes, proposed zone: FIDAVIT lugging of this well will comply with K.S.A. 55 et. seq. th drilling rig; t by circulating cement to the top; in all cases surface pipe shall be set |
| The undersigned hereby affirms that the drilling, completion and eventual pt is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each and the district office prior to spudding of well; 3. The minimum amount of surface pipe as specified below <i>shall be set</i> through all unconsolidated materials plus a minimum of 20 feet into the district office will be notified before well is either pluging. | Will Cores be taken? If Yes, proposed zone: FIDAVIT lugging of this well will comply with K.S.A. 55 et. seq. th drilling rig; t by circulating cement to the top; in all cases surface pipe shall be set ne underlying formation. strict office on plug length and placement is necessary prior to plugging; aged or production casing is cemented in; |
| The undersigned hereby affirms that the drilling, completion and eventual pt is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each and the approved notice of intent to drill <i>shall be</i> posted on each and the district office prior to the approved notice of intent to drill <i>shall be</i> posted on each and the district office will be notified before well is either plugible. The appropriate district office will be notified before well is either plugible. If an ALTERNATE II COMPLETION, production pipe shall be cement. | Will Cores be taken? If Yes, proposed zone: FIDAVIT lugging of this well will comply with K.S.A. 55 et. seq. Ith drilling rig; If by circulating cement to the top; in all cases surface pipe shall be set the underlying formation. In this control of the state of the state of the plugging; and the plugging; and the plugging; and the plugging is the plugging; and the plugging; an |
| The undersigned hereby affirms that the drilling, completion and eventual pt is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on eac. 3. The minimum amount of surface pipe as specified below <i>shall be se</i> through all unconsolidated materials plus a minimum of 20 feet into the second of the s | Will Cores be taken? If Yes, proposed zone: FIDAVIT lugging of this well will comply with K.S.A. 55 et. seq. It drilling rig; If by circulating cement to the top; in all cases surface pipe shall be set to enderlying formation. In this content is necessary prior to plugging; leged or production casing is cemented in; led from below any usable water to surface within 120 DAYS of spud date. It 33,891-C, which applies to the KCC District 3 area, alternate II cementing |
| The undersigned hereby affirms that the drilling, completion and eventual pt is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on eac. 3. The minimum amount of surface pipe as specified below <i>shall be se</i> through all unconsolidated materials plus a minimum of 20 feet into the second of the s | Will Cores be taken? If Yes, proposed zone: FIDAVIT lugging of this well will comply with K.S.A. 55 et. seq. Ith drilling rig; If by circulating cement to the top; in all cases surface pipe shall be set the underlying formation. In this control of the state of the state of the plugging; and the plugging; and the plugging; and the plugging is the plugging; and the plugging; an |
| AF The undersigned hereby affirms that the drilling, completion and eventual p t is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on eac 3. The minimum amount of surface pipe as specified below <i>shall be se</i> through all unconsolidated materials plus a minimum of 20 feet into tl 4. If the well is dry hole, an agreement between the operator and the dis 5. The appropriate district office will be notified before well is either plug 6. If an ALTERNATE II COMPLETION, production pipe shall be cement Or pursuant to Appendix "B" - Eastern Kansas surface casing order # | Will Cores be taken? If Yes, proposed zone: FIDAVIT lugging of this well will comply with K.S.A. 55 et. seq. th drilling rig; they circulating cement to the top; in all cases surface pipe shall be set ne underlying formation. Strict office on plug length and placement is necessary prior to plugging; aged or production casing is cemented in; and from below any usable water to surface within 120 DAYS of spud date. 133,891-C, which applies to the KCC District 3 area, alternate II cementing |
| The undersigned hereby affirms that the drilling, completion and eventual provided is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each and the approved notice of intent to drill <i>shall be</i> posted on each and the district office will be a specified below <i>shall be set</i> through all unconsolidated materials plus a minimum of 20 feet into the set of the well is dry hole, an agreement between the operator and the district office will be notified before well is either plug to the set of t | Will Cores be taken? If Yes, proposed zone: FIDAVIT lugging of this well will comply with K.S.A. 55 et. seq. It drilling rig; If by circulating cement to the top; in all cases surface pipe shall be set to enderlying formation. In this content is necessary prior to plugging; leged or production casing is cemented in; led from below any usable water to surface within 120 DAYS of spud date. It 33,891-C, which applies to the KCC District 3 area, alternate II cementing |
| The undersigned hereby affirms that the drilling, completion and eventual provided is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each and the approved notice of intent to drill <i>shall be</i> posted on each and the district office will be a specified below <i>shall be set</i> through all unconsolidated materials plus a minimum of 20 feet into the set of the well is dry hole, an agreement between the operator and the district office will be notified before well is either plug to the set of t | Will Cores be taken? If Yes, proposed zone: FIDAVIT lugging of this well will comply with K.S.A. 55 et. seq. It drilling rig; If by circulating cement to the top; in all cases surface pipe shall be set to enderlying formation. In this content is necessary prior to plugging; leged or production casing is cemented in; led from below any usable water to surface within 120 DAYS of spud date. It 33,891-C, which applies to the KCC District 3 area, alternate II cementing |
| The undersigned hereby affirms that the drilling, completion and eventual provise agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each and the district office prior to spudding of well; 3. The minimum amount of surface pipe as specified below <i>shall be set</i> through all unconsolidated materials plus a minimum of 20 feet into the set through all unconsolidated materials plus a minimum of 20 feet into the set through all unconsolidated materials plus a minimum of 20 feet into the set through all unconsolidated materials plus a minimum of 20 feet into the set through all unconsolidated materials plus a minimum of 20 feet into the set through all unconsolidated materials plus a minimum of 20 feet into the set int | If Yes, proposed zone: FIDAVIT lugging of this well will comply with K.S.A. 55 et. seq. If yes proposed zone: If Yes, prop |
| The undersigned hereby affirms that the drilling, completion and eventual process agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each and a specified below <i>shall be set</i> through all unconsolidated materials plus a minimum of 20 feet into the set of the well is dry hole, an agreement between the operator and the district office will be notified before well is either plug of the appropriate district office will be notified before well is either plug of the spuddate or the well shall be completed within 30 days of the spuddate or the well shall be completed. **Description** **Description* | If Yes, proposed zone: FIDAVIT lugging of this well will comply with K.S.A. 55 et. seq. If yes proposed zone: If yes, proposed zone: It by circulating cement to the top; in all cases surface pipe shall be set the underlying formation. In strict office on plug length and placement is necessary prior to plugging; liged or production casing is cemented in; led from below any usable water to surface within 120 DAYS of spud date. If 33,891-C, which applies to the KCC District 3 area, alternate II cementing lie plugged. In all cases, NOTIFY district office prior to any cementing. Remember to: File Certification of Compliance with the Kansas Surface Owner Notification |
| The undersigned hereby affirms that the drilling, completion and eventual provided is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each and the approved notice of intent to drill <i>shall be</i> posted on each and the appropriate of surface pipe as specified below <i>shall be set</i> through all unconsolidated materials plus a minimum of 20 feet into the set of th | If Yes, proposed zone: If Yes |
| The undersigned hereby affirms that the drilling, completion and eventual provided is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each and the approved notice of intent to drill <i>shall be</i> posted on each and the district office will be a specified below <i>shall be set</i> through all unconsolidated materials plus a minimum of 20 feet into the set of the well is dry hole, an agreement between the operator and the district office will be notified before well is either plug to the specified before will be cement or pursuant to Appendix "B" - Eastern Kansas surface casing order from the well shall be completed within 30 days of the spud date or the well shall be submitted Electronically For KCC Use ONLY API # 15 - | If Yes, proposed zone: If Yes |
| The undersigned hereby affirms that the drilling, completion and eventual pris agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each and the district office prior to spudding of well; 3. The minimum amount of surface pipe as specified below <i>shall be set</i> through all unconsolidated materials plus a minimum of 20 feet into the set through all unconsolidated materials plus a minimum of 20 feet into the set through all unconsolidated materials plus a minimum of 20 feet into the set through all unconsolidated materials plus a minimum of 20 feet into the set through all unconsolidated materials plus a minimum of 20 feet into the set into | If Yes, proposed zone: If Yes |
| The undersigned hereby affirms that the drilling, completion and eventual process agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each and a specified below <i>shall be</i> see through all unconsolidated materials plus a minimum of 20 feet into the second and the district office will be notified before well is either plug for the appropriate district office will be notified before well is either plug for pursuant to Appendix "B" - Eastern Kansas surface casing order from must be completed within 30 days of the spud date or the well shall be submitted Electronically For KCC Use ONLY API # 15 | If Yes, proposed zone: If Yes, proposed zone: If Yes, proposed zone: If Yes, proposed zone: If Indiana Ind |
| The undersigned hereby affirms that the drilling, completion and eventual provided is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each and a specified below <i>shall be set</i> through all unconsolidated materials plus a minimum of 20 feet into the set through all unconsolidated materials plus a minimum of 20 feet into the set through all unconsolidated materials plus a minimum of 20 feet into the set through all unconsolidated materials plus a minimum of 20 feet into the set through all unconsolidated materials plus a minimum of 20 feet into the set through all unconsolidated materials plus a minimum of 20 feet into the set into the set into the set into the set of the set into the s | If Yes, proposed zone: If Yes |
| The undersigned hereby affirms that the drilling, completion and eventual prise agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each and the approved in the search of the approved in the search of the search | If Yes, proposed zone: If Yes |
| The undersigned hereby affirms that the drilling, completion and eventual pt is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on eac. 3. The minimum amount of surface pipe as specified below <i>shall be se</i> through all unconsolidated materials plus a minimum of 20 feet into the second of the s | If Yes, proposed zone: If yes |
| The undersigned hereby affirms that the drilling, completion and eventual pris agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each and the approved in the search of the approved in the search of the search o | Will Cores be taken? If Yes, proposed zone: SFIDAVIT Itugging of this well will comply with K.S.A. 55 et. seq. Sch drilling rig; If by circulating cement to the top; in all cases surface pipe shall be set to underlying formation. Strict office on plug length and placement is necessary prior to plugging; aged or production casing is cemented in; aged from below any usable water to surface within 120 DAYS of spud date. 1133,891-C, which applies to the KCC District 3 area, alternate II cementing the plugged. In all cases, NOTIFY district office prior to any cementing. Remember to: File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill; File Drill Pit Application (form CDP-1) with Intent to Drill; File Completion Form ACO-1 within 120 days of spud date; File acreage attribution plat according to field proration orders; Notify appropriate district office 48 hours prior to workover or re-entry; Submit plugging report (CP-4) after plugging is completed (within 60 days); Obtain written approval before disposing or injecting salt water. |



| 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 vveii: 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: | la Castiana |
| QTR/QTR/QTR of acreage: | Is Section: Regular or Irregular |
| | If Section is Irregular, locate well from nearest corner boundary. Section corner used: NE NW SE SW |
| Show location of the well. Show footage to the nearest le lease roads, tank batteries, pipelines and electrical lines, as requ | AT ease or unit boundary line. Show the predicted locations of uired by the Kansas Surface Owner Notice Act (House Bill 2032). eparate plat if desired. |
| | LEGEND |
| | O Well Location Tank Battery Location Pipeline Location 1745 ft Electric Line Location Lease Road Location |
| 5 | EXAMPLE |
| | |
| | 1980' FSL |
| | SEWARD CO. 3390' FEL |
| | . SEWARD CO. SSBU 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 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

1149587 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 co Pit capacity: | Existing nstructed: | SecTwp R East WestFeet from North / South 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 (fe | 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. | | | dures 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 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 | al utilized in drilling/workover: |
| Number of producing wells on lease: Number of wor | | king pits to be utilized: | |
| Barrels of fluid produced daily: Abandonment | | Abandonment | procedure: |
| Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No Drill pits must | | Drill pits must b | be closed within 365 days of spud date. |
| Submitted Electronically | | | |
| KCC OFFICE USE ONLY | | | |
| Date Received: Permit Num | ber: | Permi | Liner Steel Pit RFAC RFAS it Date: Lease Inspection: Yes No |



1149587

Form KSONA-1
July 2010
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 (CB-1) | Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application) | | |
|---|---|--|--|
| OPERATOR: License # | Well Location: | | |
| Name: | County: | | |
| Address 1: | | | |
| 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: | | | |
| 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: | | | |
| the KCC with a plat showing the predicted locations of lease roads, tank | dic Protection Borehole Intent), you must supply the surface owners and k batteries, pipelines, and electrical lines. The locations shown on the plat n the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted. | | |
| ☐ I certify that, pursuant to the Kansas Surface Owner Notice A owner(s) of the land upon which the subject well is or will be to CP-1 that I am filing in connection with this form; 2) if the form to form; and 3) my operator name, address, phone number, fax, at ☐ I have not provided this information to the surface owner(s). I at KCC will be required to send this information to the surface owner(s). | cknowledge that, because I have not provided this information, the vner(s). To mitigate the additional cost of the KCC performing this | | |
| task, I acknowledge that I am being charged a \$30.00 handling 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- | fee with this form. If the fee is not received with this form, the KSONA-1 | | |
| Submitted Electronically | | | |



