

| For KCC | Use: |
|------------|--------|
| Effective | Date: |
| District # | |
| SGA2 | Vac No |

This authorization expires: ___

Spud date: _

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

_ Agent: _

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1022787

Form C-1
October 2007
Form must be Typed
Form must be Signed

NOTICE OF INTENT TO DRILL

| month day year OPERATOR: License# | | Spot Description: | | | Expected Spud Date: |
|--|----------------------------------|--|---|---|---|
| SPERATOR: License# | · D [| | ay year | month c | xpecied opud bate. |
| SECTION: Regular Irregular? | | (0/0/0/0) | | | |
| Is SECTION: Regular Irregular? (Note: Locate well on the Section Plat on re County: Lease Name: Field Name: Sease Name: State | | | | | |
| County: State: Zip: + | / w Line of Sec | | | | |
| State Zip: + | | is SECTION Regular Irregular? | | | |
| Dott | verse side) | (Note: Locate well on the Section Plat on reverse | | | |
| Lease water: Field Name: Field Name: Field Name: Strate Promation(s): Target Formation(s): Nearest Lease or unit boundary line (in footage): Morarded Formation (s): Nearest Lease or unit boundary line (in footage): Morarded Formation (s): Nearest Lease or unit boundary line (in footage): Morarded Formation (s): Nearest Lease or unit boundary line (in footage): Morarded Formation Storage Pool Ext. Air Rotary Water well within one-quarter mile: Public water supply well within one-quarter mile: Nearest Lease or unit boundary line (in footage): Morarded Formation Storage Pool Ext. Air Rotary Water well within one-quarter mile: Public water supply well within one-quarter mile: Nearest Lease or unit boundary line (in footage): Morarded Formation Storage Pool Ext. Air Rotary Water well within one-quarter mile: Depth to bottom of fresh water: Depth to bottom of fresh wa | | • | · | | • |
| Is this a Prorated / Spaced Field? Target Formation(s): Well Drilled For: Well Drilled For: Well Class: Type Equipment: Gas Storage Pool Ext. Air Rotary Disposal Wildcat Cable Selsmic; # of Holes Other Other: Other: Other: Well Name: Original Completion Date: Original Completion Date: Original Completion Date: OE KT #: Well Drilled For: Well Mame: Original Total Depth: Torrectional, Deviated or Horizontal wellbore? Water Source for Drilling Operations: Water well within one-quarter mile: Public water well within one-quarter mile: Water Source for Drilling Operations: Water well within one-quarter mile: Variace Pipe by Alternate: | Well #: | | | | |
| Target Formation(s): Target Formation(s): Nearest Lease or unit boundary line (in footage): Ground Surface Elevation: Well Class: Type Equipment: Ground Surface Elevation: Water well within one-quarter mile: Water well within one-quarter mile: Public water supply well within one mile: Depth to bottom of fresh water: Depth to bottom of usable water: Surface Pipe Planned to be set: Length of Conductor Pipe (if any): Projected Total Depth: Formation at Total Depth: Formation at Total Depth: Formation at Total Depth: Water Source for Drilling Operations: Well Farm Pond Other: Water Source for Drilling Operations: Well Farm Pond Other: Water Source for Drilling Operations: Well Farm Pond Other: Water Source for Drilling Operations: Well Farm Pond Other: Water Source for Drilling Operations: Well Farm Pond Other: Water Source for Drilling Operations: Well Farm Pond Other: Water Source for Drilling Operations: Well Farm Pond Other: Water Source for Drilling Operations: Well Farm Pond Other: Water Source for Drilling Operations: Well Farm Pond Other: Water Source for Drilling Operations: Water Source for Drilling | | | | | |
| Well Drilled For: Well Class: Type Equipment: Ground Surface Elevation: Ground Surface Elevation: Water well within one-quarter mile: Water well within one-quarter mile: Public water supply well within one mile: Disposal Wildcat Cable Disposal Wildcat Cable Disposal Wildcat Cable Disposal Wildcat Cable Depth to bottom of fresh water: Depth to bottom of usable water: Surface Pipe by Alternate: I I II Length of Surface Pipe Planned to be set: Length of Conductor Pipe (if any): Projected Total Depth: Formation at Total Depth: Projected Total Depth: Well Name: Projected Total Depth: Well Parm Pond Other: DWR Permit #: Well Farm Pond Other: DWR Permit #: Well Farm Pond Other: DWR Permit #: Will Cores be taken? If Yes, proposed zone: | Yes | · | | | |
| Gas Storage Pool Ext. Air Rotary Disposal Wildcat Cable Other Selsmic; # of Holes Other Other: Othe | | | | | ،me: |
| Gas Storage Pool Ext. Air Rotary Gas Storage Pool Ext. Air Rotary Disposal Wildcat Cable Seismic; # of Holes Other Other: Depth to bottom of fresh water: Depth to bottom of fresh water: Usurface Pipe by Alternate: I I I Length of Surface Pipe Planned to be set: Length of Conductor Pipe (if any): Projected Total Depth: Formation at Total Depth: Water Source for Dilling Operations: Well Name: Original Completion Date: Original Total Depth: Formation at Total Depth: Water Source for Drilling Operations: Well Parm Pond Other: Water Source for Drilling Operations: Well Parm Pond Other: Water Source Pipe by Alternate: Water Source for Drilling Operations: Well Farm Pond Other: Water Source for Drilling Operations: Well Cores be taken? If Yes, proposed zone: Will Cores be taken? If Yes, proposed zone: Sagreed that the following minimum requirements will be met: 1. Notify the appropriate district office prior to spudding of well; 2. A copy of the approved notice of intent to drill shall be posted on each drilling rig; 3. The minimum amount of surface pipe as specified below shall be set by circulating cement to the top; in all cases surface pipe a through all unconsolidated materials plus a minimum of 20 feet into the underlying formation. 4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary priof. If an ALTERNATE II COMPLETION, production pipe shall be cemented from below any usable water to surface within 120 DAYS Or pursuant to Appendix "B" - Eastern Kansas surface casing order #133,891-C, which applies to the KCC District 3 area, altern | | | Type Equipment: | For: Well Class: | Well Drilled For: |
| Gas | feet M | | Mud Rotary | Enh Rec Infield | Oil Enh F |
| Depth to bottom of fresh water: Depth to bottom of fresh water: Depth to bottom of usable water: Depth to bottom of usable water: Depth to bottom of usable water: Surface Pipe by Alternate: I II Length of Surface Pipe Planned to be set: Length of Surface Pipe Planned to be set: Length of Conductor Pipe (if any): Projected Total Depth: Projected Total Depth: Projected Total Depth: Water Source for Drilling Operations: Well Name: Water Source for Drilling Operations: Water Source for Dri | Yes | · | = ' | i = | |
| Depth to bottom of usable water: Surface Pipe by Alternate: I I II Length of Surface Pipe Planned to be set: Length of Conductor Pipe (if any): Projected Total Depth: Formation at Total Depth: Water Source for Drilling Operations: Well Farm Pond Other: Will Cores be taken? If Yes, proposed zone: AFFIDAVIT The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq. as agreed that the following minimum requirements will be met: 1. Notify the appropriate district office prior to spudding of well; 2. A copy of the approved notice of intent to drill shall be posted on each drilling rig; 3. The minimum amount of surface pipe as specified below shall be set by circulating cement to the top; in all cases surface pipe as through all unconsolidated materials plus a minimum of 20 feet into the underlying formation. 4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary prior. 5. The appropriate district office will be notified before well is either plugged or production casing is cemented in; 6. If an ALTERNATE II COMPLETION, production pipe shall be cemented from below any usable water to surface within 120 DAYS Or pursuant to Appendix "B" - Eastern Kansas surface casing order #133,891-C, which applies to the KCC District 3 area, altern | Yes | | Cable | Disposal Wildcat | Dispo |
| Surface Pipe by Alternate: I I II Length of Surface Pipe Planned to be set: Length of Surface Pipe Planned to be set: Length of Surface Pipe Planned to be set: Length of Surface Pipe (if any): Projected Total Depth: Promation at Total Depth: Permation at Total Depth: Permation at Total Depth: Permation at Total Depth: Permation at Total Depth: Promation at Total Depth: Permation at T | | • | | # of Holes Other | Seismic ;# |
| Length of Surface Pipe Planned to be set: Length of Surface Pipe Planned to be set: | | | | | Other: |
| Operator: Well Name: Original Completion Date: Original Total Depth: Projected Total Depth: Water Source for Drilling Operations: Water Source for Drilling Operations. | | | | ld well information as follows: | If OWWO: old well |
| Well Name: Original Completion Date: Original Total Depth: Formation at Total Depth: Water Source for Drilling Operations: Water Source for Drilli | | | | | |
| Original Completion Date: Original Total Depth: Water Source for Drilling Operations: ectional, Deviated or Horizontal wellbore? Yes No (es, true vertical depth: DWR Permit #: ### Water Source for Drilling Operations: ### DWR Permit #: ### (Note: Apply for Permit with DWR | | | | | Operator: |
| Water Source for Drilling Operations: West, true vertical depth: Works, true vertical depth: Works, true vertical depth: Works Apply for Permit with DWR Will Cores be taken? If Yes, proposed zone: AFFIDAVIT We undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq. s agreed that the following minimum requirements will be met: Notify the appropriate district office prior to spudding of well; A copy of the approved notice of intent to drill shall be posted on each drilling rig; The minimum amount of surface pipe as specified below shall be set by circulating cement to the top; in all cases surface pipe as through all unconsolidated materials plus a minimum of 20 feet into the underlying formation. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary prio 5. The appropriate district office will be notified before well is either plugged or production casing is cemented in; If an ALTERNATE II COMPLETION, production pipe shall be cemented from below any usable water to surface within 120 DAYS Or pursuant to Appendix "B" - Eastern Kansas surface casing order #133,891-C, which applies to the KCC District 3 area, altern | | | | | |
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| Note: Apply for Permit with DWR CC DKT #: Will Cores be taken? | | | | | |
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| | or to plugging; S of spud date. | ling rig; irculating cement to the top; in all cases surface pipe shal derlying formation. office on plug length and placement is necessary prior to or production casing is cemented in; om below any usable water to surface within 120 DAYS of s | nents will be met: to spudding of well; drill shall be posted on each specified below shall be set to a minimum of 20 feet into the een the operator and the districted before well is either pluggouction pipe shall be cemented | following minimum requirent propriate district office <i>prior</i> approved notice of intent to a amount of surface pipe as acconsolidated materials plus dry hole, an agreement betwate district office will be notificated in COMPLETION, processor | notify the appropri A copy of the appro The minimum amo through all uncons If the well is dry ho The appropriate die If an ALTERNATE |
| API # 15 File Completion Form ACO-1 within 120 days of spud of |) II; | Remember to: - File Drill Pit Application (form CDP-1) with Intent to Drill; - File Completion Form ACO-1 within 120 days of spud date; | | ctronically | bmitted Electron For KCC Use ONLY API # 15 - |
| i i i i i i i i i i i i i i i i i i i | orders; over or re-entry; | Notify appropriate district office 48 hours prior to workover Submit plugging report (CP-4) after plugging is completed | | | |

check the box below and return to the address below.

Well Not Drilled - Permit Expired Date: _

Signature of Operator or Agent:

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

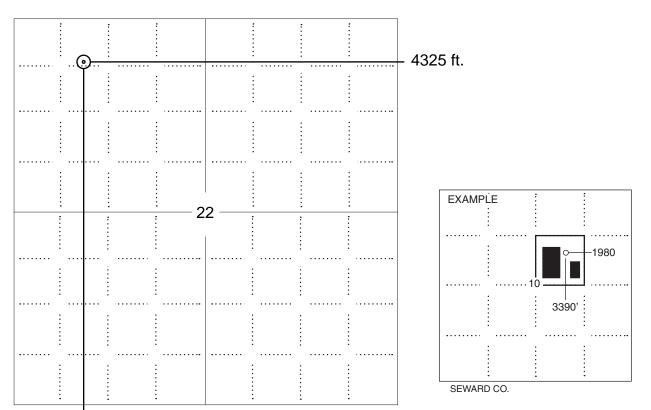
Plat of acreage attributable to a well in a prorated or spaced field

If the intended well is in a prorated or spaced field, please fully complete this side of the form. If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please show all the wells and within 1 mile of the boundaries of the proposed acreage attribution unit for gas wells and within 1/2 mile of the boundaries of the proposed acreage attribution unit for oil wells.

| API No. 15 | |
|---------------------------------------|--|
| Operator: | Location of Well: County: |
| Lease: | feet from N / S Line of Section |
| Well Number: | feet from E / W Line of Section |
| Field: | SecTwp S. R 🗌 E 🔲 W |
| 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 and shade attributable acreage for prorated or spaced wells.) (Show footage to the nearest lease or unit boundary line.)



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

4685 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).

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

022787

Form CDP-1 April 2004 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) Is the pit located in a Sensitive Ground Water Is the bottom below ground level? Yes No Pit dimensions (all but working pits): | Artificial Liner? Yes Length (feom ground level to de | No No eet) eepest point: Describe proce | SecTwpR East West Feet from North / South Line of Section Feet from East / West Line of Section Count Count Chloride concentration: mg/line (For Emergency Pits and Settling Pits only) How is the pit lined if a plastic liner is not used? Width (feet) N/A: Steel Pits |
| Distance to nearest water well within one-mile | of pit | Depth to shallo | owest fresh waterfeet. |
| | | Source of infor | |
| feet Depth of water well | feet | | uredwell owner electric logKDWR |
| Emergency, Settling and Burn Pits ONLY: | | . | cover and Haul-Off Pits ONLY: |
| Producing Formation: | | | al utilized in drilling/workover: |
| Number of producing wells on lease: | | | rking pits to be utilized: |
| Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No | | | be closed within 365 days of spud date. |
| Submitted Electronically | | | |
| | ксс | OFFICE USE OF | NLY Steel Pit RFAC RFAS |
| Date Received: Permit Num | ber: | Permi | nit Date: Lease Inspection: Yes No |

Summary of Changes

Lease Name and Number: Klaus 23 API/Permit #: 15-031-22379-00-00

Doc ID: 1022787

Correction Number: 1

Approved By: Rick Hestermann 10/01/2008

| Field Name | Previous Value | New Value |
|---|--|--|
| Feet to Nearest Water Well Within One-Mile of Pit | 1482 | 1596 |
| KCC Only - Approved By | Rick Hestermann 09/30/2008 | Rick Hestermann 10/01/2008 |
| KCC Only - Date Received | 09/26/2008 | 09/30/2008 |
| KCC Only - Permit Date | 09/30/2008 | 10/01/2008 |
| LocationInfoLink | https://solar.kgs.ku.edu/ kcc/detail/locationInform ation.cfm?section=22&t | https://solar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=22&t |
| Nearest Lease Or Unit Boundary | 445 | 595 |
| Number of Feet East or West From Section Line | 4362 | 4325 |
| Number of Feet East or West From Section Line | 4362 | 4325 |
| Number of Feet North or South From Section | 4835 | 4685 |
| Line Number of Feet North or South From Section Line | 4835 | 4685 |

Summary of changes for correction 1 continued

| Field Name | Previous Value | New Value |
|------------|---|---|
| SaveLink | //kcc/detail/operatorE ditDetail.cfm?docID=10 22652 | //kcc/detail/operatorE ditDetail.cfm?docID=10 22787 |