| For KCC Use:    | 1-10-00  |
|-----------------|----------|
| Effective Date: | 1 174    |
| District #      |          |
| CC 4.2          | Test No. |

# KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

## NOTICE OF INTENT TO DRILL

Form C-1

December 2002

Form must be Typed

Form must be Signed

All blanks must be Filled

|  |  | пиві ве арр   | noved by NGG live   | 5) days prior to commencing well   |  | t be Filled   |
|--|--|---|---|--|--|---|
|  | 1  | 23  |   |  |  |   |
| Expected Spud Date   |  |   | 08  | Spot   | _  | East  |
|  | month  | day   | year  |  | Twp. 5 S. R. 41  | <b></b> ✓ West  |
| OPERATOR: License# 3333  | 25   |   | -   | 1300 feet t  | rom N / ✓S Line of S   | Section   |
| Name Petroleum Developmen  | nt Corporation   |   |   | feet i   | rom 🗸 E / 🗌 W Line of S  | Section   |
| Address: 1775 Sherman St. Su   | uite 3000  |   |   | Is SECTIONRegular _✓   | Irregular?   |   |
| City/State/Zip: Denver, CO 80  | 0203   |   |   | (Note: Locate well on the  | Section Plat on reverse side)  |   |
| Contact Person: James Annal  | ıble   |   |   | County: Cheyenne   | <u> </u>   |   |
| Phone: 303-905-4340  |  |   |   | Lease Name: Bandel   | Well #: 34-  | 19  |
| CONTRACTOR: License# 3   | 33532  |   |   | Field Name: Cherry Creek Niobrara G  | as Area  |   |
| Name: Advanced Drilling Tec  | chnologies   |   |   | Is this a Prorated / Spaced Field?   | Y  | es 🗸 No   |
| Wallio.  |  |   |   | Target Formation(s): Niobrara  |  |   |
| Well Drilled For:  | Well Class:  | Type E  | quipment:   | Nearest Lease or unit boundary: 130  | <u> </u>   | <del></del>   |
| Oil Enh Red  | c / Infield /  | <b>✓</b> ✓ M  | ud Rotary   | Ground Surface Elevation: 3711'  |  | _feet MSL   |
| Gas / Storage  | Pool Ext.  |   | r Rotary  | Water well within one-quarter mile:  | =  | ∍s ✓ No ∕   |
| OWWO Disposal  | u Wildcat  |   | able  | Public water supply well within one n  |  | es 🗸 No   |
| Seismic;# of H   | ioles Other  |   |   | Depth to bottom of fresh water:  |  |   |
| Other  | <del>-</del>   | 7,5444  |   | Depth to bottom of usable water:   |  |   |
| E OMBRO - III - III - II   |  |   |   | Surface Pipe by Alternate:  1  | ۷.   |   |
| f OWWO: old well information Operator: NA  | •  |   |   | Length of Surface Pipe Planned to be<br>Length of Conductor Pipe required:   | Not Required   | <del></del>   |
|  | · •  |   |   | Projected Total Depth: 1600'   |  |   |
| Well Name:Original Completion Date   | a: 0-  | ining Tatal I   | D#-   | Formation at Total Depth: Niobrara   |  |   |
| Original Completion Date   | e:Or   | iginai iotai i  | Depth:  | Water Source for Drilling Operations:  |  |   |
| Directional, Deviated or Horiz   | izontal wellbore?  |   | Yes ✓ No  |  | ner X  |   |
| f Yes, true vertical depth:  |  |   |   | DWR Permit #: Drilling Contractor wil  | l apply.   |   |
| Bottom Hole Location:  |  |   |   |  | ermit with DWR   |   |
| (CC DKT #:   |  |   |   | Will Cores be taken?   |  | es 🗸 No   |
|  |  |   |   | If Yes, proposed zone:   |  | .5 [ 0  |
|  |  |   |   |  | RI   | CEIVED  |
|  |  |   |   | DAVIT  | KANSAS COR   | PORATION COMMIS   |
| he undersigned hereby affi   | firms that the drilling  | na. complet   | ion and eventual plu  | aging of this well will comply with K.S.   | A EE at see  |   |
|  |  |   |   | gging of this well will comply with K.S.   | A. 55 et. seq.   |   |
| is agreed that the following   | ng minimum require   | ements will   | be met:   | gging of this well will comply with K.S.   | A. 55 et. seq.   | 1 1 2008  |
| <ol> <li>is agreed that the following</li> <li>Notify the appropriate</li> <li>A copy of the approve</li> </ol>  | ng minimum require<br>e district office <i>pric</i><br>ed notice of intent   | ements will<br>or to spudd<br>to drill <b>sha</b>   | be met:<br>ling of well;<br>if <b>be</b> posted on eac  | n drilling rig:  | A. 55 et. seq.  JAN  | 1 1 2008  |
| t is agreed that the following  1. Notify the appropriate  2. A copy of the approve  3. The minimum amount   | ng minimum require<br>e district office <i>prie</i><br>ed notice of intent<br>t of surface pipe a  | ements will<br>or to spudd<br>to drill sha<br>as specified  | be met:<br>ling of well;<br><b>if be</b> posted on eac<br>below <b>shall be se</b>  | n drilling rig;<br>by circulating cement to the top; in al   | A. 55 et. seq.  JAN  | 1 1 2008  |
| t is agreed that the following  1. Notify the appropriate  2. A copy of the approve  3. The minimum amount through all unconsolid  | ng minimum require<br>e district office <i>pric</i><br>ed notice of intent<br>t of surface pipe a<br>dated materials plu   | ements will<br>or to spudd<br>to drill sha<br>is specified<br>us a minimu   | be met:<br>ling of well;<br><b>If be</b> posted on each<br>below <b>shall be se</b><br>um of 20 feet into the   | n drilling rig;<br>by circulating cement to the top; in al<br>e underlying formation.  | JAN  CONSER cases surface pipe shall but   | 1 1 2008<br>VATION DIVISION<br>CHITA, KS                            |
| t is agreed that the following  1. Notify the appropriate  2. A copy of the approve  3. The minimum amount through all unconsolid  4. If the well is dry hole,   | ng minimum requing district office prided of the district of intentant of surface pipe added materials plus an agreement be  | ements will  or to spudd  to drill sha  as specified  us a minimu  etween the   | be met:<br>ling of well;<br>If be posted on each<br>below shall be secure of 20 feet into the<br>operator and the di  | n drilling rig;<br>by circulating cement to the top; in all<br>e underlying formation.<br>strict office on plug length and placem  | JAN  CONSER  cases surface pipe shall but  ent is necessary prior to plu   | 1 1 2008<br>VATION DIVISION<br>CHITA, KS                            |
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## 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 - 023- 20944-0005                             | Location of Well: County: Cheyenne   |
|--|--|
| Operator: Petroleum Development Corporation              |  |
| Lease: Bandel  | 1300 feet from N / ✓ S Line of Section 1980 feet from ✓ E / W Line of Section                        |
| Well Number: 34-19 Field: Cherry Creek Niobrara Gas Area | Sec. 19 Twp. 5 S. R. 41 East Wes   |
| Number of Acres attributable to well: NA                 | Is Section: Regular or 🗸 Irregular   |
| QTR / QTR / QTR of acreage: W2 SE                        | If Section is Irregular, locate well from nearest corner boundary.  Section corner used: NE NW SE SW |

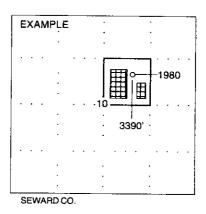
PLAT
(Show location of the well and shade attributable acreage for prorated or spaced wells.)
(Show footage to the nearest lease or unit boundary line.)

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RECEIVED KANSAS CORPORATION COMPLESION

JAN 1 1 2008

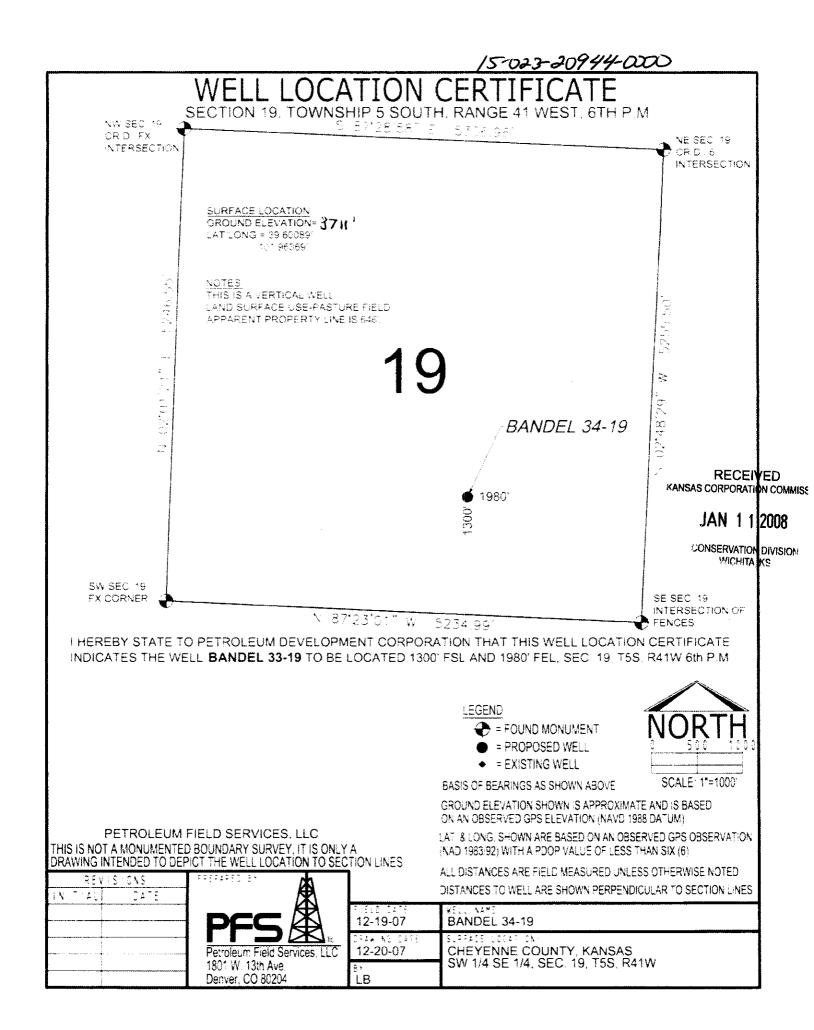
CONSERVATION DIVISION WICHITA, KS



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

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

- 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.
- 3. The distance to the nearest lease or unit boundary line.
- 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

Form CDP-1 April 2004 Form must be Typed

# **APPLICATION FOR SURFACE PIT**

Submit in Duplicate

| Operator Name: Petroleum Develop  | ment Corporat                  | ion   | License Number: 33325  |                              |
|---|--------------------------------|---|--|------------------------------|
| Operator Address: 1775 Sherman  | St, Suite 300                  | 0 Denver,   | CO 80203   |                              |
| Contact Person: James Annable   |                                |   | Phone Number: ( 303 ) 905 - 4340   | 1                            |
| Lease Name & Well No.: Bandel 34-19   |                                | Pit Location (QQQQ):  | 7  |                              |
| Type of Pit:  | Pit is:                        |   |  |                              |
| Emergency Pit Burn Pit  | √ Proposed                     | Existing  | Sec. 19 Twp. 5S R. 41 ☐ East ✓ West  |                              |
| Settling Pit  | If Existing, date constructed: |   | 1300 Feet from North / 🗸 South Line of Section   |                              |
| Workover Pit Haul-Off Pit   | Pit capacity:                  | ·····   | 1980 Feet from 🗸 East / West Line of Section   |                              |
| (If WP Supply API No. or Year Drilled)  | 1200                           | (bbls)  | Cheyenne   |                              |
| Is the pit located in a Sensitive Ground Water  | Area? Yes                      | ] No  | Chloride concentration: mg/l  (For Emergency Pits and Settling Pits only)  | 1                            |
| Is the bottom below ground level?   | Artificial Liner?              |   | How is the pit lined if a plastic liner is not used?   | 1                            |
| ✓ Yes ☐ No  | Yes 🗸                          | No  | Natural Clay/bentonite   |                              |
| Pit dimensions (all but working pits): 5  | 0 Length (fe                   | et)30   | Width (feet)N/A: Steel Pits  | 1                            |
| Depth fro   | om ground level to de          | _   | (feet)   |                              |
| If the pit is lined give a brief description of the material, thickness and installation procedure  |                                | Describe proce  | edures for periodic maintenance and determining RECEIN CANSAS CORPORATION  | /ED                          |
| ,   |                                |   | - AND CURPORATIO   | M COMMISSIS                  |
| INA   |                                | NA  |  | 1                            |
| NA  |                                | NA  | JAN 11:  | 1                            |
| NA  |                                | NA  | JAN 11   | 2008                         |
| Distance to nearest water well within one-mile  | of pit                         | Depth to shallo   | JAN 11 CONSERVATION WICHITA N  | 2008                         |
|   | of pit                         | Depth to shallo<br>Source of infor  | JAN 11 CONSERVATION WICHITA N  | 2008                         |
| Distance to nearest water well within one-mile  | 102                            | Depth to shallo<br>Source of infor<br>measu   | JAN 11 CONSERVATION WICHITA A WICHITA A Matter 116 feet. mation:   | 2008                         |
| Distance to nearest water well within one-mile  | 192 feet                       | Depth to shallo Source of infor measu Drilling, Worke   | JAN 1 1  CONSERVATION  WICHITA K  west fresh water 116 feet. mation: redwell ownerelectric log✓ KDWR   | 2008<br>VISION<br>15-60      |
| Distance to nearest water well within one-mile  4700 feet Depth of water well  Emergency, Settling and Burn Pits ONLY:  | 192 feet                       | Depth to shallo Source of information measurements.  Drilling, Worker Type of material Number of workers.                               | JAN 11   CONSERVATION  WICHITA   west fresh water 116 feet. mation: redwell owner electric log    KDWR  over and Haul-Off Pits ONLY: all utilized in drilling/workover: Bentonite mud  king pits to be utilized: 1   | 2008                         |
| Distance to nearest water well within one-mile  4700 feet Depth of water well  Emergency, Settling and Burn Pits ONLY:  Producing Formation:  | 192 feet                       | Depth to shallo Source of information measurements.  Drilling, Worker Type of material Number of workers.                               | JAN 11 :  CONSERVATION WICHITA A  west fresh water 116 feet. mation: redwell owner electric log KDWR  over and Haul-Off Pits ONLY: all utilized in drilling/workover: Bentonite mud  | 2008<br>VISION<br>15-60      |
| Distance to nearest water well within one-mile  4700 feet Depth of water well  Emergency, Settling and Burn Pits ONLY:  Producing Formation:  Number of producing wells on lease:   | 192 feet                       | Depth to shallo Source of informeasu Drilling, Worke Type of materia Number of wor Abandonment  | JAN 11   CONSERVATION  WICHITA   west fresh water 116 feet. mation: redwell owner electric log    KDWR  over and Haul-Off Pits ONLY: all utilized in drilling/workover: Bentonite mud  king pits to be utilized: 1   | 2008<br>VISION<br>15-023-209 |
| Distance to nearest water well within one-mile  4700 feet Depth of water well  Emergency, Settling and Burn Pits ONLY:  Producing Formation:  Number of producing wells on lease:  Barrels of fluid produced daily:  Does the slope from the tank battery allow all   | 192 feet                       | Depth to shallo Source of informeasu  Drilling, Worke Type of materia Number of wor Abandonment  Drill pits must be                     | JAN 1 1  CONSERVATION  WICHITA IN  WICHIT  | 2008<br>VISION<br>15-023-209 |
| Distance to nearest water well within one-mile  4700 feet Depth of water well  Emergency, Settling and Burn Pits ONLY:  Producing Formation:  Number of producing wells on lease:  Barrels of fluid produced daily:  Does the slope from the tank battery allow all flow into the pit? Yes No                                 | 192 feet                       | Depth to shallo Source of informeasu  Drilling, Worke Type of materia Number of wor Abandonment  Drill pits must be                     | JAN 1 1  CONSERVATION  WICHITA IN  WICHIT  | 2008<br>VISION<br>15-023-209 |
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| Distance to nearest water well within one-mile  4700 feet Depth of water well  Emergency, Settling and Burn Pits ONLY:  Producing Formation:  Number of producing wells on lease:  Barrels of fluid produced daily:  Does the slope from the tank battery allow all flow into the pit? Yes No                                 | 192 feet                       | Depth to shallo Source of informeasu Drilling, Worker Type of material Number of wor Abandonment Drill pits must but orrect to the best | JAN 1 1  CONSERVATION  WICHITA IN  WICHIT  | 2008<br>VISION<br>15-023-209 |
| Distance to nearest water well within one-mile  4700 feet Depth of water well  Emergency, Settling and Burn Pits ONLY:  Producing Formation:  Number of producing wells on lease:  Barrels of fluid produced daily:  Does the slope from the tank battery allow all flow into the pit?  I hereby certify that the above state | spilled fluids to              | Depth to shallo Source of informeasu Drilling, Worker Type of material Number of wor Abandonment Drill pits must but orrect to the best | JAN 11  CONSERVATION WICHITA A  W | 2008<br>VISION<br>15-023-209 |