

For KCC Use: //-/5 2009
Effective Date: //-/5 2009
District #

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

October 2007

Form must be Typed

Form must be Signed

All blanks must be Filled

Form C-1

NOTICE OF INTENT TO DRILL

Name: Advanced Drilling Technologies Well Drilled For: Well Class: Type Equipment: Storage Pool Ext. Mud Rotary Wildcat Seismic : # of Holes Other Other: Gable Other Other: Surface Flee you Hill within one-quarter mile: Ye Depth to bottom of tresh water: 250 Depth to bottom of usable water: 250 Depth to bottom of usable water: 250 Depth to bottom of usable water: 250 Depth to Surface Pipe by Alternate: Image: Imag	of Section of Section
OPERATOR: License# 33325 Name Petroleum Development Corporation Address 1: 1775 Sheman Street Address 2: City. Denver State: CO Zip: 80203 + Country Cheek Inform Licenses Schelp Contact Person: Tyson Johnston Phone: 303-860-8809 CONTRACTOR: License# 33532 CONTRACTOR: License# 33532 CONTRACTOR: License# 33532 CONTRACTOR: License# 30582 CONTRACTOR: License# 30582 CONTRACTOR: License# 30592 CONTRACTOR: Licen	of Section of Section
Address 1: 1775 Sherman Street Address 2: City. Derwer Contact Person: Tyson Johnston Contact Person: Tyson Johnston Contact Person: Tyson Johnston CONTRACTOR: License# 335322 CONTRACTOR: License# 300	
Address 2: (Note: Locate well on the Section Plat on reverse side) Address 2: (Note: Locate well on the Section Plat on reverse side) Contact Person: Tyson Johnston Field Name: Cherry Creek Niobrara Gas Area Is this a Prorated / Spaced Field? Target Formation(s): Niobrara Nearest Lease or unit boundary line (in tootage): 430 Nearest Lease or unit boundary line (in tootage): 430 Nearest Lease or unit boundary line (in tootage): 430 Water well within one-quarter mile: Depth to bottom of tresh water: 250 Depth to bottom of tresh water: 250 Depth to bottom of usable water: 250 Depth to bottom of surface Pipe Planned to be sel: 300 Length of Conductor Pipe (if any): Not Required Projected Total Depth: 2300 Formation at Total Depth: Niobrara Water Source for Drilling Operations: Well Mame: Original Completion Date: Original Total Depth: West Source for Drilling Operations: Well Strice Vertical depth: Source Projected Total Depth: Niobrara Water Source for Drilling Operations: Well Surface Pipe Water Surface Pipe Wate	
Contact Person: Tyson Johnston Contact Person: Tyson Johnston CONTRACTOR: Licenself 33532 Name: Advanced Drilling Technologies Well Drilled For: Well Class: Type Equipment: Oil Enh Rec Storage Pool Ext. Air Rotary Other: # of Holes Other Other: # of Holes Other Operator: Well Name: Original Completion Date: Original Total Depth: Oirginal Completion Date: Original Total Depth: Well Yes Now It Yes, true vertical depth: Directional, Deviated or Horizontal wellbore? Well Storage Fool Ext. Type Equipment: Original Total Depth: West Storage Pool Ext. Air Rotary Well Mame: Original Completion Date: Original Total Depth: West Storage Pool Ext. Well Name: Original Completion Date: Original Completion Original Compl	
Contact Person: Tyson Johnston Contract Person: 303-860-8809 CONTRACTOR: License#_33532 Name: Advanced Drilling Technologies Well Drilled For: Well Class: Type Equipment: Oil	
Phone: 303-860-5809 CONTRACTOR: License# 33532 Name: Advanced Drilleg Fechnologies Well Drilled For: Well Class: Type Equipment: Oil Seismic: If of Holes Other Other: Brown of Hole Information as follows: Operator: Well Name: Original Completion Date: Original Total Depth: Directional, Deviated or Horizontal wellbore? Directional, Deviate Capello Sanctary Capello Sanctary Capello Sanctary Capel	3
CONTRACTOR: License#_ 33532 Name: Advanced Drilled For:	
Name: Advanced Drilling Technologies Name: Advanced Drilling Technologies Well Drillied For: Well Class: Type Equipment: Nearest Lease or unit boundary line (in footage): 430 Water well within one-quarter mile: Yes Yes Water well within one-quarter mile: Yes Yes Water well within one mile: Yes	s XNo
Well Drilled For: Well Class: Type Equipment: Seismic Seismic Formation as follows: Wild Cable Seismic Formation as follows: Surface Pipe by Alternate: Seismic Surface Pipe Planned to be set: Soismic Surface Pipe Planned to Beat Soismic Surface Pipe Planned to Beat Soismic Su	
Ground Surface Elevation: 3709 Water well within one-quarter mile: Disposal	
Water well within one-quarter mile: Seismic :	feet MSL
Disposal Wildcat Cable Depth to bottom of fresh water: 250 Depth to bottom of usable water: 250 Depth to bottom of usable water: 250 Depth to bottom of usable water: 250 Surface Pipe by Alternate: I II II Length of Surface Pipe Planned to be set: 300 Length of Surface Pipe Planned to be set: 300 Length of Surface Pipe Planned to be set: 300 Length of Surface Pipe Planned to be set: 300 Length of Conductor Pipe (if any): Not Required Projected Total Depth: Not Required Projected Total Depth: Not Required Projected Total Depth: Niobrara Projected Total Depth: Niobrara Water Source for Drilling Operations: Water Source for Drilling Operations: Water Source for Drilling Operations: Water Source for Drilling Contractor will apply Water Sourc	s No
Depth to bottom of fresh water: 250 Depth to bottom of usable water: 250 Depth to suffice pripe to a policy with Suffice pripe as 300 Depth to appropriate district office pripe to appropriate district office pripe to appropriate district office pripe to spudding of well; 2. A copy of the appropriate district office pripe to spudding of well; 2. A copy of the appropriate district office pripe to spudding of well; 2. A copy of the appropriate district office pripe to spudding of well; 2. A copy of the appropriate district office pripe to spudding of well; 2. A copy of the appropriate district office pripe to spudding of well; 2. A copy of the appropriate district office pripe as specified below shall be set by circulating cement to the top; in all cases surface pipe shall be set through all unconsolidated materials plus a minimum of 20 feet into the underlying formation.	s 🗙 No
Depth to bottom of usable water: 250 I II Surface Pipe by Alternate: I II II II II II II I	
Surface Pipe by Alternate: \ \	
If OWWO: old well information as follows: Operator:	
Length of Conductor Pipe (if any): Not Required	
Well Name:Original Completion Date:Original Total Depth:	
Original Completion Date: Original Total Depth: Water Source for Drilling Operations: Water Source for Drilling Operations: Water Source for Drilling Operations: OWR Permit #: Drilling Contractor will apply ONOTE: O	
Water Source for Drilling Operations: Well Farm Pond Other: X	
If Yes, true vertical depth: Bottom Hole Location: KCC DKT #: Will Cores be taken? If Yes, proposed zone: RECE Replaces 15-023-21161-00-00 (Exo;red) AFFIDAVIT The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq. It is 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 shall be set through all unconsolidated materials plus a minimum of 20 feet into the underlying formation.	
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Will Cores be taken? Ye WAS: 1750 FWL; IS: 1750 FEL Will Cores be taken? If Yes, proposed zone: Ye	
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through all unconsolidated materials plus a minimum of 20 feet into the underlying formation.	UHH.
4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary prior to plugging	l;
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 of spud date	
Or pursuant to Appendix "B" - Eastern Kansas surface casing order #133,891-C, which applies to the KCC District 3 area, alternate II cementing	ng
must be completed within 30 days of the spud date or the well shall be plugged. In all cases, NOTIFY district office prior to any cementing.	
I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.	
11/6/2009 Landman	
Date:Signature of Operator or Agent	1.4
Remember to:	8
For KCC Use ONLY - File Drill Pit Application (form CDP-1) with Intent to Drill;	
API # 15 - 023-2/2/9-00-00 - File Completion Form ACO-1 within 120 days of spud date; - File acreage attribution plat according to field proration orders;	
Conductor pipe required	(
Minimum surface pipe required 300 feet per ALT. III - Submit plugging report (CP-4) after plugging is completed (within 60 minimum).	
Approved by: [Lim 1+10-2009 [Lim 1+12-2009] Approved by: [Lim 1+10-2009 [Lim 1+12-2009] Approved by: [Lim 1+10-2009 [Lim 1+10-2009] [Lim 1+10-2009	days):
	/;
This authorization expires: 1/10-20/0 (This authorization void if drilling not started within 12 months of approval date.)	days):
Well Not Drilled - Permit Expired Date:	days):
Spud date: Agent: Signature of Operator or Agent:	days):



IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

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

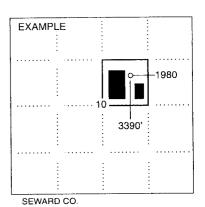
If the intended well is in a prorated or spaced field, please fully complete this side of the form. If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please 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 - 023-2418+ 2/2/9-00-00				
Operator: Petroleum Development Corporation	Location of Well: County: Cheyenne			
Lease: Schlepp	430 feet from N / S Line of Section			
Well Number: 31-33	1,750 feet from F X N / S Line of Section feet from F E / Line of Section			
Field: Cherry Creek Niobrara Gas Area	Sec. <u>33 Twp. 3 S. R. 42 E X</u> W			
Number of Acres attributable to well: 40 QTR/QTR/QTR/QTR of acreage: NE _ NW _ NE	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.)

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					1750'	
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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).