For KCC Use: 1-7-08 Effective Date: 1-7-08 District # 1-7-08 SGA? Yes 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

OPERATOR: Licenses 33325 Name: Petroleum Development Corporation Address: 1775 Sharman 81 Sulvis 3000 Solo feet from			Must be ap	proved by KCC five	(5) days prior to co	mmencin	g well	4	All blank	s must be	Filled
Address: 1775 Sherman St. Sales 3000 Contract Person, James Another Porticular Depress of Sales 3000 Contract Person, James Another Contract Person, James					C NW	<u>NW</u>					
Address. 1776 Sherman dis Julius 2000 City/Sitat/Cip. Address. 1776 Sherman dis Julius 2000 City/Sitat/Cip. City/Sitat/City/City/Sitat/City/City/Sitat/City/City/Sitat/City/City/Sitat/City/City/Sitat/City/City/Sitat/City/City/Sitat/City/City/Sitat/City/City/City/City/City/Sitat/City/City/City/City/City/City/City/Cit	OPERATOR: License# 33	120									-
ClayState/Zip: Denver, CO B0203 (Mote: Locate well on the Section Plat on reverse acide) Contract Prensor, "arms Annable Country: Chrystense Country: Chrystense Lease Name: Gain Well State Protection of Plat on reverse acide) Country: Chrystense Lease Name: Gain Well State Protection of Plat on reverse acide) Country: Chrystense Lease Name: Gain Well State Protection of Plat on reverse acide) Country: Chrystense Lease Name: Gain Well State Protection of Plat on reverse acide) Country: Chrystense Is this a Porrated / Spaced Field? Target Formatin(e): Nobbrail Target Formatin(e): No	Name: Petroleum Developme	nt Corporation			1 05071041		_		✓ W Li	ine of Sect	ion
County: Chrystrine County: Chrystry County:	Address: 17/5 Sherman St. S	Suite 3000			IS SECTION _	Regu	lar <u> </u>	rregular?			
County: Chrystrine County: Chrystry County:	City/State/Zip: Denver, CO 8	0203					e well on the S	Section Plat on	reverse s	iide)	
Field Name Cherry Creek Nibbrara Gas Area Sassa Stronge Sassa Stronge Pool Ext. Own Disposal Storage Pool Ext. Own Own Sassa Storage Pool Ext. Cable Sassa S	Contact Person: James Ann.	able									
Surface Priest Surface Supplement Surface Supplement Surface Supplement Surface Supplement	Phone: 303-905-4340				Lease Name: G	ann			Well	l #: 11-15x	
Name Advanced Drilling Technologies Well Drilled For: Well Special Solitorage Pool Ext. Air Rotary Own Disposal Wildcat Seismer: John For Rot Cable Solitors: Operator: Operator: Operator: Operator: Well Information as follows: Operator: Operator: Operator: Operator: Original Completion Date: Original Total Depth: Operator: Well Name: Original Completion Date: Original Total Depth: Original Total Depth: Operator: If Ves. Investical depth: Directional, Deviated or Horizontal wellbore? Well Farm Pond Other: Well Cores be taken? If Ves. proposed zone: AFFIDAVIT The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 of. seq. AFFIDAVIT The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 of. seq. AFFIDAVIT The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 of. seq. AFFIDAVIT The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 of. seq. AFFIDAVIT The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 of. seq. AFFIDAVIT The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 of. seq. AFFIDAVIT The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 of. seq. AFFIDAVIT The undersigned hereby affirms that the drilling, completion and eventual plugging of this well wil		33532			Field Name: Ch	erry Creek	Niobrara Ga	is Area			
Well Drilled For: Well Class: Type Equipment: Namest Lease or unit boundary: 660 Ground Surface Elevation: 3876 Ground Surface Elevation:	CONTRACTOR: License#-	achnologies								Yes	✓ No
Well Drilled For: Own Eah Rec Infelid Mud Rotary Mud Rotary	Name: Advanced Brilling 14	sciii lologios			Target Formatio	n(s): Niol					
Ground Surface Elevation	Well Drilled For:	Well Class:	Type	Equipment:	Nearest Lease	or unit boo	undary: <u>660'</u>				
Gas Storage Pool Ext. Air Rotary Water well within One-quarter mile: Yes No Depotal Water water. Water wat					Ground Surface	Elevation:	3676'			fe	et MSL
Seismic:# of Holes Other Othe		H	=	· · ·	Water well within	n one-qua	rter mile:			Yes	✓ No ✓
Seismic; # of Holes Other Oth				•	Public water sup	pply well w	ithin one mi	le:		Yes	√ No
Seismic: # of Holes Other				abie	Depth to bottom	of fresh	water: 250	180			
Surface Pipe by Alternate: 2 1 2 2 Length of Surface Pipe by Alternate: 2 1 1 2 2 Length of Surface Pipe by Alternate: 2 1 1 2 2 Length of Surface Pipe Planned to be set: 300° Conjunction: 300	H	noies Other			Depth to bottom	1 of usable	water: 250'	180 <u> </u>			
If OWWO: old well information as follows: Operator: NA Well Name: Original Completion Date: Orig	Otner								_		
Operator: NA Well Name: Original Completion Date: Original Total Depth:: Directional, Deviated or Horizontal wellbore? If Yes, true vertical depth: Bottom Hole Location: KCC DKT #: Wall Cores be taken? AFFIDAVIT The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq. 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. 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. 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. If Yes, proposed zone: AFFIDAVIT RECEIVED KANSAS CORPORATION COMI 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 coment to the top; in all cases surface pipe sequired AI 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; 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 Appondix "B" - Eastern Kansas surface casing order #133,831-C, which applies to the KCC District 3 area, alternate II comenting 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 comenting. For KCC Use ONLY API #15	If OWWO: old well informati	tion as follows:			Length of Surfa	ce Pipe P	lanned to be	e set: 300'			
Well Name: Original Completion Date: Original Total Depth: Directional, Deviated or Horizontal wellbore? If Yes, true vertical depth: Bottom Hole Location: Water Source for Drilling Operations: Water Source for Drilling Operation or Drilling Operation Operation or Drilling Operation Oper					Length of Cond	luctor Pipe	required: 1	Not Required			
Original Completion Date: Original Total Depth: Water Source for Drilling Operations: Drilling Contractor will apply. Water Apply for Permit with DWR DWR Permit #. Drilling Contractor will apply.								/			
Water Source for Drilling Operations: Water Source for Drilling Operations: Water Source for Drilling Operations: Water Source for Drilling Operations: Well Farm Pond Other X DWR Permit #: Drilling Contractor will apply. Will Cores be taken? Water Apply for Permit with DWR Ower Source Water Apply for Permit with DWR Ower Source		te [.]	Original Total	Denth:							
DWR Permit #: Drilling Contractor will apply.	onga. completion ba		g		Water Source fo	or Drilling	Operations:				
If Yes, true vertical depth: DWR Permit #: Drilling Contractor will apply.	Directional, Deviated or Ho	rizontal wellbore	?	Yes ✓ No				er_X			
Bottom Hole Location: KCC DKT #: Will Cores be taken? If Yes, proposed zone: AFFIDAVIT RECEIVED KANSAS CORPORATION COMM RECEIVED KANSAS CORPORATION COMM RECEIVED KANSAS CORPORATION COMM RECEIVED KANSAS CORPORATION COMM RANGAS CORPORATION COMM 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 appropriate district office prior to spudding of well; 3. The minimum amount of surface pipe as specified below shall be set by circulating cement to the top; in all cases surface pipe single 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 to plugging; 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 #13.891-C, which applies to the KCC District 3 area, alternate II cementing 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 comenting. I hereby certify that the statements made herein are true and to the best of any knowledge and belief. For KCC Use ONLY Aproved by: Minimum surface pipe required None 1 feet Minimum surface pipe required None 1 feet Minimum surface pipe required None 1 feet None 1 feet Notify appropriate district office 48 hours prior to workover or re-entry: Submit plugging report (CP-4) after plugging is completed; Obtain written approval before disposing or injecting salt water. If this permit has expired (See: authorized expiration adde) please check the box below and return to the address below. Well Not Drilled - Permit Expired	If Yes, true vertical depth:_				DWR Permit #: -	Drilling Co	intractor will	apply.			
AFFIDAVIT RECEIVED AFFIDAVIT RECEIVED AFFIDAVIT RECEIVED CANSAS CORPORATION COMM 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 circularing cement to the top; in all cases surface pipe site of 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 to plugging; 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 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 to the best of my knowledge and belief. Date: 12/21/07 Signature of Operator or Agent: For KCC Use ONLY API # 15 - 23 - 20902 ODD Feet per All. On Approved by Mall 120 days of spud date; File acreage attribution plat according to field proration orders; Submit plugging report (CP-4) after plugging is completed; Obtain written approval before disposing or injecting sait water. 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; Obtain written approval before disposing or injecting sait water. If this permit has expired	Bottom Hole Location:										
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For KCC Use ONLY API # 15 - O23 - 20902 ODD Conductor pipe required None feet per Alt. O Minimum surface pipe required 230 feet per Alt. O Minimum surface pipe required by: Approved by:	 A copy of the approx The minimum amouthrough all unconsol If the well is dry hole The appropriate dist If an ALTERNATE II Or pursuant to Appe 	ved notice of intent of surface piplidated materials e, an agreement rict office will be COMPLETION, andix "B" - Easte	ent to drill sh be as specifies plus a minim t between the enotified befo production pern Kansas s	all be posted on ear d below shall be se num of 20 feet into the e operator and the d are well is either plug pipe shall be cement urface casing order	et by circulating cen ne underlying forma listrict office on plug gged or production of ed from below any #133,891-C, which	g length a casing is o usable wa applies to	ind placeme cemented in ater to surfa o the KCC	ent is necessi i; ace within <i>12</i> District 3 are	ary <i>prior</i> <i>0 days</i> o a, alterna	r to plugg of spud da ate II cem	ning; .te. nenting
For KCC Use ONLY API # 15 - O23 - 20902 ODD Conductor pipe required None feet per Alt. O Minimum surface pipe required 230 feet per Alt. O Minimum surface pipe required by: Approved by:	I hereby certify that the sta	atements made	herein are tru	ue and to the best o	£my knowledge and	d belief.					
For KCC Use ONLY API # 15 - 023 - 20902 0000 Conductor pipe required				11	al			Cr Donal	aton: Car	noultont	
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API # 15 - O23 - 20902 ODD Conductor pipe required					Remember to:						
Conductor pipe required	For KCC Use ONLY	0.000			- File Drill Pit Ap	plication (form CDP-1)	with Intent to	Drill;		I
Conductor pipe required feet Minimum surface pipe required 330 feet per Alt. 1 Approved by: 4 -2 -08 This authorization expires: 1 -2 -09 (This authorization void if drilling not started within months of approval date.) Well Not Drilled - Permit Expired	API # 15 - 023 -	-20902	<u>awo</u>					•	•	•	
Minimum surface pipe required 330 feet per Alt. Approved by: This authorization expires: 1-2-09 (This authorization void if drilling not started within months of approval date.) Well Not Drilled - Permit Expired	Conductor pine required	None	<u></u>	et	-			-			4
Approved by: *Limit 1-2-08* This authorization expires: 1-2-09 (This authorization void if drilling not started within months of approval date.) / 2 Obtain written approval before disposing or injecting salt water. If this permit has expired (See: authorized expiration date) please check the box below and return to the address below. Well Not Drilled - Permit Expired	1 '''	2 24	<u>~</u> "					•		-	/ ;
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(This authorization expires: (This authorization void if drilling not started within months of approval date.) (Well Not Drilled - Permit Expired	Approved by:	2-08					-		-		0
(This authorization void if drilling not started within months of approval date.) / 2_ Check the box below and return to the address below. Well Not Drilled - Permit Expired	This authorization expires:	1-2-0	9							please	N.
	· ·	•	within of months	of approval date.)	check the box	below and	d return to ti	he address b	elow.		İ
Spud date: Agent: Signature of Operator or Agent:			12	-	Well Not [Drilled - Po	ermit Expire	ed			1
· · · · · · · · · · · · · · · · · ·	Spud date:	Agent:			Signature of Op	perator or /	Agent:				- N
Date:							Date:				- %

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.

APINO. 15 - 023-20902-0000	Location of Welt: County: Cheyenne			
Operator: Petroleum Development Corporation				
Lease: Gann	660 feet from N / S Line of Section 660 feet from E / W Line of Section			
Well Number: 11-15x Field: Cherry Creek Niobrara Gas Area	Sec. 15 Twp. 2 S. R. 42 East ✓ Wes			
Number of Acres attributable to well: NA	Is Section: Regular or 🗸 Irregular			
QTR / QTR / QTR of acreage: C NW _ NW _ NW	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.)

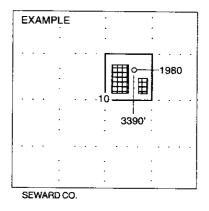
(Show footage to the nearest lease or unit boundary line.)

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6601	• · · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·				
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RECEIVED KANSAS CORPORATION COMMISSION

JAN 0 2 2008

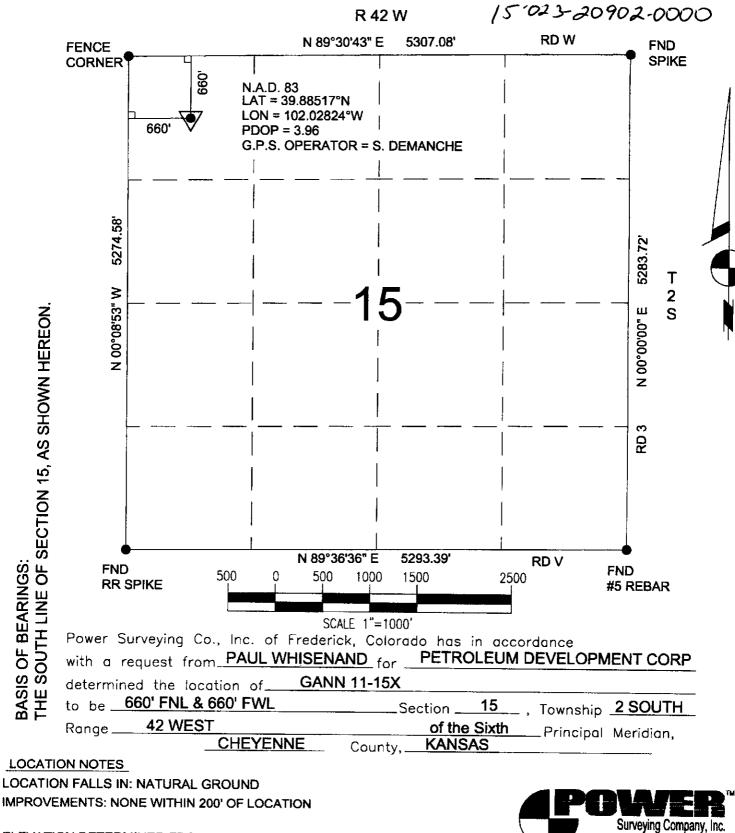
CONSERVATION DIVISION WICHITA KE



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).



ELEVATION DETERMINED FROM NAVD 1988 DATUM.

GROUND ELEVATION = 3676'

DISTANCES AND BEARINGS ARE FIELD MEASURED UNLESS OTHERWISE NOTED.

LEGEND

SECTION CORNER (AS NOTED)



PROPOSED WELL LOCATION

RECEIVED KANSAS CORPORATION COMMISSION

JAN 0 2 2008

CONSERVATION DIVISION WICHITA, KS



7800 MILLER DRIVE UNIT C FREDERICK, COLORADO 303-702-1617

FIELD DATE: 11-27-07-07 WO# 501-07-745 DATE OF COMPLETION: 11-28-07

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form CDP-1 April 2004 Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

	License Number: 33325						
Operator Name: Petroleum Development Corporation License Number: 33325 Operator Address: 1775 Sherman St, Suite 3000 Denver, CO 80203							
	Phone Number: (303) 905 -4340						
	Pit Location (QQQQ):						
	C _ <u>NW</u> _ <u>NW</u>						
Existing	Sec. 15 Twp. 2S R. 42 ☐ East 🗸 West						
onstructed:	660 Feet from 🗹 North / 🗌 South Line of Section						
	660 Feet from East / 🗸 West Line of Section						
(bbls)	Cheyenne County						
No	Chloride concentration: mg/l (For Emergency Pits and Settling Pits only)						
	How is the pit lined if a plastic liner is not used?						
No	Natural Clay/bentonite						
Pit dimensions (all but working pits): 50 Length (feet) 30 Width (feet) N/A: Steel Pits							
epest point: 6	(feet)						
	dures for periodic maintenance and determining notuding any special monitoring.						
_ •	loading any special monitoring.						
Depth to shallow	west fresh water 204 feet.						
Source of inform	mation:						
T Reptonite mud							
	king pits to be utilized: 1						
Abandonment procedure: Evaporation/backfill							
	be closed within 365 days of spud date.						
RECEIVED							
I hereby certify that the above statements are true and correct to the best of my knowledge and belief. JAN 0 2 2008							
Si	gnature of Applicant or Agent GONSERVATION DIVISION MICHITA KS						
KCC OFFICE USE ONLY							
Date Received: 1/2/08 Permit Number: Permit Date: 1/2/08 Lease Inspection: Yes No							
	Existing constructed: (bbls) No No Sepest point: 6 Describe proceliner integrity, in NA Depth to shallor Source of informeasu Drilling, Worked Type of material Number of work Abandonment Drill pits must be correct to the best						