For KCC Use: Effective Date: __ District #_ 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

-Yngrigh Shun Llain	12	26	07	Spot	East
Expected Spud Date	month	day	year	NW - SW Sec. 16 Twp. 5 S. R. 42	V _{West}
20	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
OPERATOR: License#	5325			1260 feet from N / ✓ S S Feet from E / ✓ W Line	or Section
Name. Petroleum Developm	ent Corporation			feet fromE / _V W Line	of Section
Address: 1775 Sherman St.	Suite 3000			ls SECTIONRegularIrregular?	
City/State/Zip: Denver, CO	80203			(Note: Locate well on the Section Plat on reverse side))
Contact Person, James And	nable			County: Cheyenne	
hone: 303-905-4340				Lease Name. Armknecht Well #-	14-16
	22522			Field Name: Cherry Creek Niobrara Gas Area	
CONTRACTOR: License#	33532			Is this a Prorated / Spaced Field?	Yes ✓ No
Name: Advanced Drilling T	ecnnologies			Target Formation(s): Niobrara	
Well Drilled For:	Well Class:	Timo Fo	mulnmant.	Nearest Lease or unit boundary: 330'	
			quipment:	Ground Surface Elevation: 3690'	feet MSL
Oil Enh R	<u></u>	 	d Rotary	Water well within one-quarter mile:	Yes ✔ No
✓ Gas Storag	• =	=	Rotary	Public water supply well within one mile:	Yes 🗸 No
OWWO Dispos	\sqsubseteq	Cat	ble	Depth to bottom of fresh water: 200 230	
Seismic;# of	Holes Other			Depth to bottom of usable water: 200: 230	
Other				Surface Pipe by Alternate: 🗸 1 🗌 2	
f OMMANO and wall informs	ation as follows:			Length of Surface Pipe Planned to be set: 280 Min	•
f OWWO: old well information of the old well information o				Length of Conductor Pipe required: Not Required	
				Projected Total Depth: 1600'	
Well Name:	ata. C	National Taket D	Nandh.	Formation at Total Depth: Niobrara	
Original Completion Da	are:C	uriginai lotai D	pepin:	Water Source for Drilling Operations:	
Directional, Deviated or Ho	orizontal wellbore?		Yes ✓ No	Well Farm Pond Other X	
f Yes, true vertical depth:				DWR Permit #: Drilling Contractor will apply.	
Bottom Hole Location:				(Note: Apply for Permit with DWR	
KCC DKT #:					7.6.
NOO DICT #				Will Cores be taken?	Yes V No
				If Yes, proposed zone:KANSAS COL	RPORATION COL
			AFF	IDAVII	
The undersigned hereby a	affirms that the drill	ling, completion		IDAVII	
The undersigned hereby a		-	on and eventual pl	IDAVII	C 14 2007
•	ving minimum requ	irements will I	on and eventual pl be met:	lugging of this well will comply with K.S.A. 55 et. seq.	C 1 4 2007
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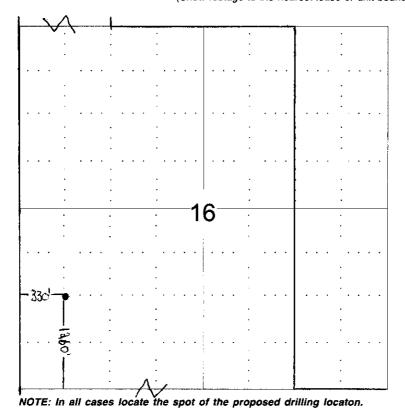
IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

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 - 023-20857-0000	Location of Well: County: Cheyenne		
Operator: Petroleum Development Corporation	1260 feet from N / ✓ S Line of Section		
Lease: Armknecht	330 feet from E / V Line of Section		
Well Number: 14-16	Sec. 16 Twp. 5 S. R. 42 ☐ East ✓ West		
Field: Cherry Creek Niobrara Gas Area			
Number of Acres attributable to well: NA QTR / QTR of acreage: NW - SW - SW	Is Section: Regular or Irregular If Section is Irregular, locate well from nearest corner boundary. Section corner used: NE NW SE SW		

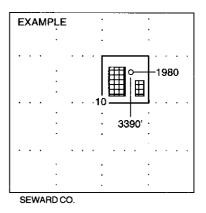
PLAT
(Show location of the well and shade attributable acreage for prorated or spaced wells.)
(Show footage to the nearest lease or unit boundary line.)



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DEC 14 2007

CONSERVATION DIVISION WICHITA, KS

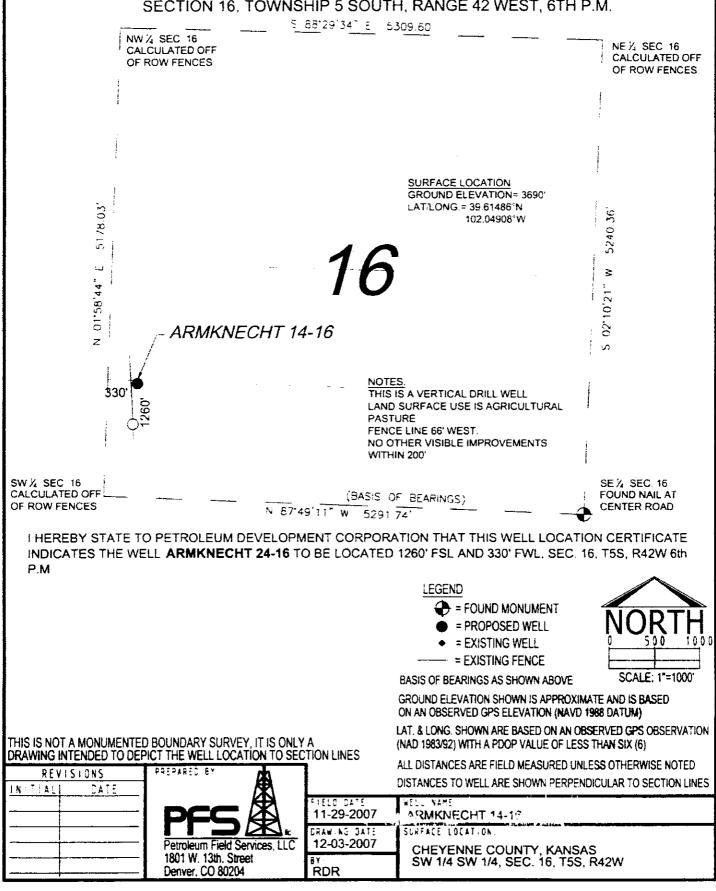


in plotting the proposed location of the well, you must show:

- 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 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).

LL LOCATION CERTIFICATE

TION 16. TOWNSHIP 5 SOUTH, RANGE 42 WEST, 6TH P.M.



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	License Number: 33325			
Operator Address: 1775 Sherman	St, Suite 300	0 Denver,	CO 80203		
Contact Person: James Annable		Phone Number: (303) 905 -4340			
Lease Name & Well No.: Armknecht	14-16	Pit Location (QQQQ):			
Type of Pit: Pit is:					
Emergency Pit Burn Pit	✓ Proposed	Existing	Sec. 16 Twp. 5S R. 42 Eas	t 📝 West	
Settling Pit	If Existing, date co	onstructed:	1260 Feet from North / 🗸 Sout	h Line of Section	
Workover Pit Haul-Off Pit	Pit capacity:		330 Feet from East / 🗸 Wes	t Line of Section	
(If WP Supply API No. or Year Drilled)	1000	(bbls)	Chevenne	County	
Is the pit located in a Sensitive Ground Water	Area? Yes	No	Chloride concentration:	mg/l	
Is the bottom below ground level?	Artificial Liner?		(For Emergency Pits and Settling Pits How is the pit lined if a plastic liner is not used		
✓ Yes No	☐ Yes 🗸	No	Natural Clay/bentonite		
Pit dimensions (all but working pits):	50 Length (fe	eet) 30	Width (feet) N/A:	Steel Pits	
Depth fo	rom ground level to de	eepest point: 6	(feet)		
If the pit is lined give a brief description of the material, thickness and installation procedure		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.			
NA		NA			
				15	
				5	
Distance to nearest water well within one-mile	e of pit	Depth to shallowest fresh water 120 feet.			
1400 feet	170 feet	Depth to shallowest fresh water 120 feet. Source of information: measured well owner electric log KDWR			
Emergency, Settling and Burn Pits ONLY	:		over and Haul-Off Pits ONLY:		
Producing Formation:		Type of material utilized in drilling/workover: Bentonite mud			
Number of producing wells on lease:		Number of working pits to be utilized: 1			
Barrels of fluid produced daily:		Abandonment procedure: Evaporation/backfill			
Does the slope from the tank battery allow al flow into the pit? Yes No	I spilled fluids to	Drill pits must be closed within 365 days of spud date.			
I hereby certify that the above state	ements are true and o	correct tønthe bes	124MA40 P/	PORATION COMMISS	
			•	EC 1 4 2007	
12/12/07 Date		S	ignature of Applicant or Agent	SERVATION DIVISION WICHITALKS	
	KCC (OFFICE USE O	NLY	- D15T	
Date Received: 12/14/07 Permit Num	nber:	Perm	it Date: 12/14/07 Lease Inspection:	Yes No	