

For KCC Use:	
Effective Date: _	
District #	
0040 🖂	

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

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

Expected Spud Date:	Spot Description:
month day year	
PERATOR: License#	feet from N / S Line of Section
ame:	feet from E / W Line of Section
ddress 1:	Is SECTION: Regular Irregular?
ddress 2:	(Note: Locate well on the Section Plat on reverse side)
ty:	
ntact Person:	County:
one:	Field Name:
DNTRACTOR: License#	Is this a Prorated / Spaced Field?
ime:	·
	Target Formation(s):
Well Drilled For: Well Class: Type Equipment:	Nearest Lease or unit boundary line (in footage):
Oil Enh Rec Infield Mud Rotary	Ground Surface Elevation:feet M
Gas Storage Pool Ext. Air Rotary	Water well within one-quarter mile:    Yes
Disposal Wildcat Cable	Public water supply well within one mile:  Yes  Yes
Seismic ; # of Holes Other	Depth to bottom of fresh water:
Other:	Depth to bottom of usable water:
If OWWO: old well information as follows:	Surface Pipe by Alternate: I III
II OWWO. Old Well Information as follows.	Length of Surface Pipe Planned to be set:
Operator:	Length of Conductor Pipe (if any):
Well Name:	Projected Total Depth:
Original Completion Date: Original Total Depth:	Formation at Total Depth:
westigned Devicted on Hericantal well-area	Water Source for Drilling Operations:
rectional, Deviated or Horizontal wellbore? Yes No Yes, true vertical depth:	Well Farm Pond Other:
ottom Hole Location:	DWR Permit #:
CC DKT #:	(Note: Apply for Permit with DWR )
50 Bitt #.	Will Cores be taken?
	If Yes, proposed zone:
AFF	IDAVIT
ne undersigned hereby affirms that the drilling, completion and eventual plug	gging 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 <i>prior</i> to spudding of well;	
<ol> <li>A copy of the approved notice of intent to drill <i>shall be</i> posted on each</li> </ol>	drilling rig:
3. The minimum amount of surface pipe as specified below <b>shall be set</b> be	
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 distr	7, 7, 00 0
	ed or production casing is cemented in:
5. The appropriate district office will be notified before well is either plugge	
6. If an ALTERNATE II COMPLETION, production pipe shall be cemented	from below any usable water to surface within 120 DAYS of spud date.
6. If an ALTERNATE II COMPLETION, production pipe shall be cemented Or pursuant to Appendix "B" - Eastern Kansas surface casing order #13	I from below any usable water to surface within 120 DAYS of spud date. 33,891-C, which applies to the KCC District 3 area, alternate II cementing
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6. If an ALTERNATE II COMPLETION, production pipe shall be cemented Or pursuant to Appendix "B" - Eastern Kansas surface casing order #10 must be completed within 30 days of the spud date or the well shall be	I from below any usable water to surface within <i>120 DAYS</i> of spud date. 33,891-C, which applies to the KCC District 3 area, alternate II cementing
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If an ALTERNATE II COMPLETION, production pipe shall be cemented Or pursuant to Appendix "B" - Eastern Kansas surface casing order #13 must be completed within 30 days of the spud date or the well shall be bmitted Electronically  For KCC Use ONLY	I from below any usable water to surface within 120 DAYS of spud date. 33,891-C, which applies to the KCC District 3 area, alternate II cementing plugged. In all cases, NOTIFY district office prior to any cementing.  Remember to:
6. If an ALTERNATE II COMPLETION, production pipe shall be cemented Or pursuant to Appendix "B" - Eastern Kansas surface casing order #15 must be completed within 30 days of the spud date or the well shall be  bmitted Electronically  For KCC Use ONLY  API # 15	I from below any usable water to surface within 120 DAYS of spud date. 33,891-C, which applies to the KCC District 3 area, alternate II cementing plugged. In all cases, NOTIFY district office prior to any cementing.  Remember to:  - File Drill Pit Application (form CDP-1) with Intent to Drill; - File Completion Form ACO-1 within 120 days of spud date; - File acreage attribution plat according to field proration orders;
6. If an ALTERNATE II COMPLETION, production pipe shall be cemented Or pursuant to Appendix "B" - Eastern Kansas surface casing order #13 must be completed within 30 days of the spud date or the well shall be	I from below any usable water to surface within 120 DAYS of spud date. 33,891-C, which applies to the KCC District 3 area, alternate II cementing plugged. In all cases, NOTIFY district office prior to any cementing.  Remember to:  - File Drill Pit Application (form CDP-1) with Intent to Drill; - 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;
6. If an ALTERNATE II COMPLETION, production pipe shall be cemented Or pursuant to Appendix "B" - Eastern Kansas surface casing order #15 must be completed within 30 days of the spud date or the well shall be  Ibmitted Electronically  For KCC Use ONLY  API # 15	I from below any usable water to surface within 120 DAYS of spud date. 33,891-C, which applies to the KCC District 3 area, alternate II cementing plugged. In all cases, NOTIFY district office prior to any cementing.  Remember to:  - File Drill Pit Application (form CDP-1) with Intent to Drill; - File Completion Form ACO-1 within 120 days of spud date; - File acreage attribution plat according to field proration orders;

- 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 Date: \_

Signature of Operator or Agent:



#### IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

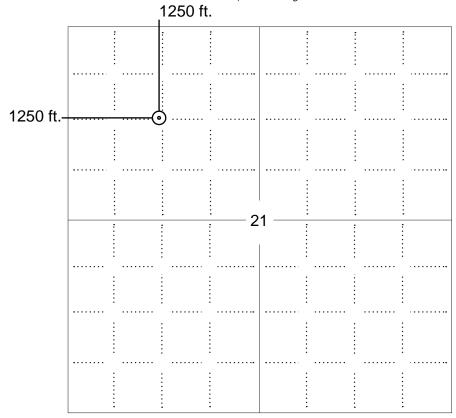
Plat of acreage attributable to a well in a prorated or spaced field

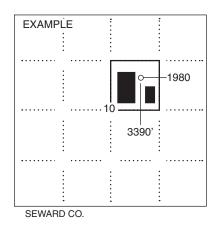
If the intended well is in a prorated or spaced field, please fully complete this side of the form. If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please 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:	Sec Twp 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.

#### 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

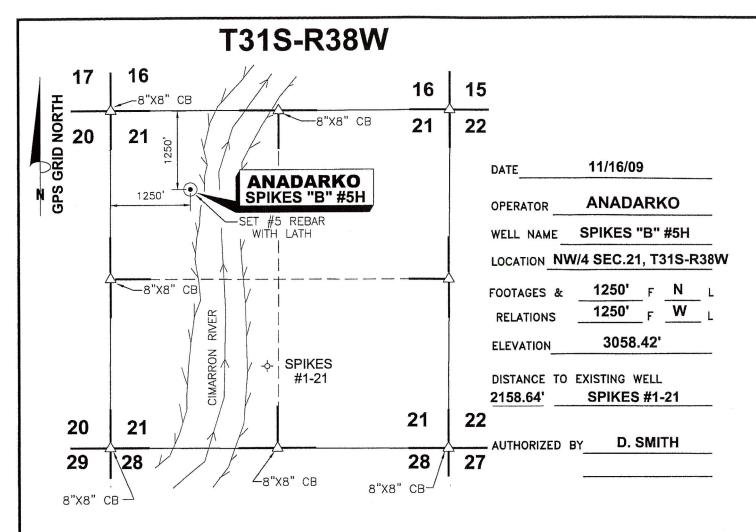
1033942

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:	Pit is:		<u> </u>			
Emergency Pit Burn Pit	Proposed Existing		SecTwpR			
Settling Pit Drilling Pit	If Existing, date of	onstructed:	Feet from	North / South Line of Section		
Workover Pit Haul-Off Pit	Pit capacity:		Feet from East / West Line of Section			
(If WP Supply API No. or Year Drilled)		(bbls)		County		
Is the pit located in a Sensitive Ground Water	Area? Yes	No	Chloride concentration:	mg/l		
			(For Emergency F	Pits and Settling Pits only)		
Is the bottom below ground level?  Yes No	Artificial Liner?	No	How is the pit lined if a plasti	c liner is not used?		
Pit dimensions (all but working pits):	Length (fe	eet)	Width (feet)	N/A: Steel Pits		
Depth fro	om ground level to de	eepest point:	(feet)	No Pit		
If the pit is lined give a brief description of the material, thickness and installation procedure			dures for periodic maintenance			
•		Depth to shallo Source of infor	west fresh water	feet.		
feet Depth of water well	feet	measu	redwell owner	electric logKDWR		
Emergency, Settling and Burn Pits ONLY:		Drilling, Work	over and Haul-Off Pits ONLY	:		
Producing Formation:		Type of materia	al utilized in drilling/workover: _			
Number of producing wells on lease:		Number of wor	king pits to be utilized:			
Barrels of fluid produced daily:		Abandonment procedure:				
Does the slope from the tank battery allow all spilled fluids to flow into the pit?   Yes No		Drill pits must be closed within 365 days of spud date.				
Submitted Electronically						
	KCC	OFFICE USE O	NLY Steel Pit	RFAC RFAS		
Date Received: Permit Num	ber:	Permi	t Date: Leas	e Inspection: Yes No		



# NW/4 SEC.21, T31S - R38W STEVENS COUNTY, KANSAS

CROP	PASTURE	
WATER WELL		
NEAREST TO	WER	
AIRPORT		
LATITUDE	37°20'28.25341"	<u>' N</u>
LONGITUDE	101°27'40.38848"	W
STATE PLANE (	X= 1139	242.56
NAD 27	Y= 2592	71.57

DRIVING DIRECTIONS USED TO STAKE WELL FROM KNOWN LANDMARK OR CITY FROM:

1/12/09

FROM INTERSECTION FAS 480 &
FAS 1701. THENCE NORTH ON FAS
1701 2.0 MILES. THENCE SOUTH
ALONG TRAIL ROAD 1.3 MILES INTO.



NOTE: CONTRACTOR TO CONTACT ONE CALL @ 1-800-DIG SAFE PRIOR TO ANY EXCAVATION OR CONSTRUCTION.

APPROVED BY:

W. M. PROPERTOR II. W. CO. NO. C. MARCONTON AND MARCONTON AND MARCONTON AND AND AND AND AND AND AND AND AND AN				
<b>A</b>	NO.	DWN.	REV	ISIONS
<b>A</b> nadar <b>K</b> o 🕽				
1106 SHERMAN AVE. PETROLEUM CORPORATION ELKHART, KANSAS 67950				
WELL LOCATION OF THE SPIKES "B" #5H				
	SCAL	E:	1"=1500'	DATE:
T31S-R38W, STEVENS COUNTY, KANSAS	WOR	( OBDE	R NO.:	Manager and Manage

AUTHORIZED BY:
D. SMITH

AND ASSOCIATES "locating our world"
LAND SURVEYING - GPS SPECIALISTS
P.O. BOX 518 514 MORTON
CO
KS Elkhart, Kansas 67950

KS Phone: (620) 697-2696

OK Fax: (620) 697-4175

E-MAIL: tharder@elkhart.com

DRAWING NO. AG1109A07

### PLAT AND CERTIFICATION OF ACREAGE ATTRIBUTABLE TO A GAS WELL

Kansas Corporation Commission, Conservation Division Finney State Office Building, 130 South Market, Room 2078 Wichita, Kansas 67202

API NUMBEF	R <u>15-</u>	
OPERATOR:	Anadarko Petroleum	Corporation

LEASE: Spikes B WELL NUMBER: 5H FIELD: Hugoton

NUMBER OF ACRES ATTRIBUTABLE TO WELL: 600

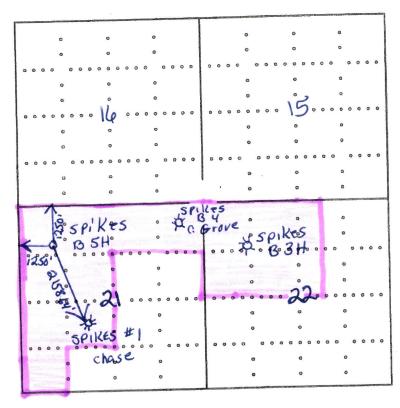
QTR/QTR/QTR: SE - NW - NW

(Show the location for the well and shade attributable acreage for prorated or spaced wells). (Show the footage to the nearest lease or unit boundary line; and show footage to the nearest common source supply well).

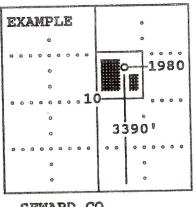
LOCATION OF WELL: COUNTY: Stevens 1250 feet from South X North line of section 1250 feet from East X West line of section

SECTION <u>21</u> TWP <u>31(S)</u> RNG <u>38W</u>

IS SECTION X REGULAR or IRREGULAR IF SECTION IS IRREGULAR, LOCATE WELL FROM NEAREST CORNER BOUNDARY (check line below) Section corner used: NE X NW SE



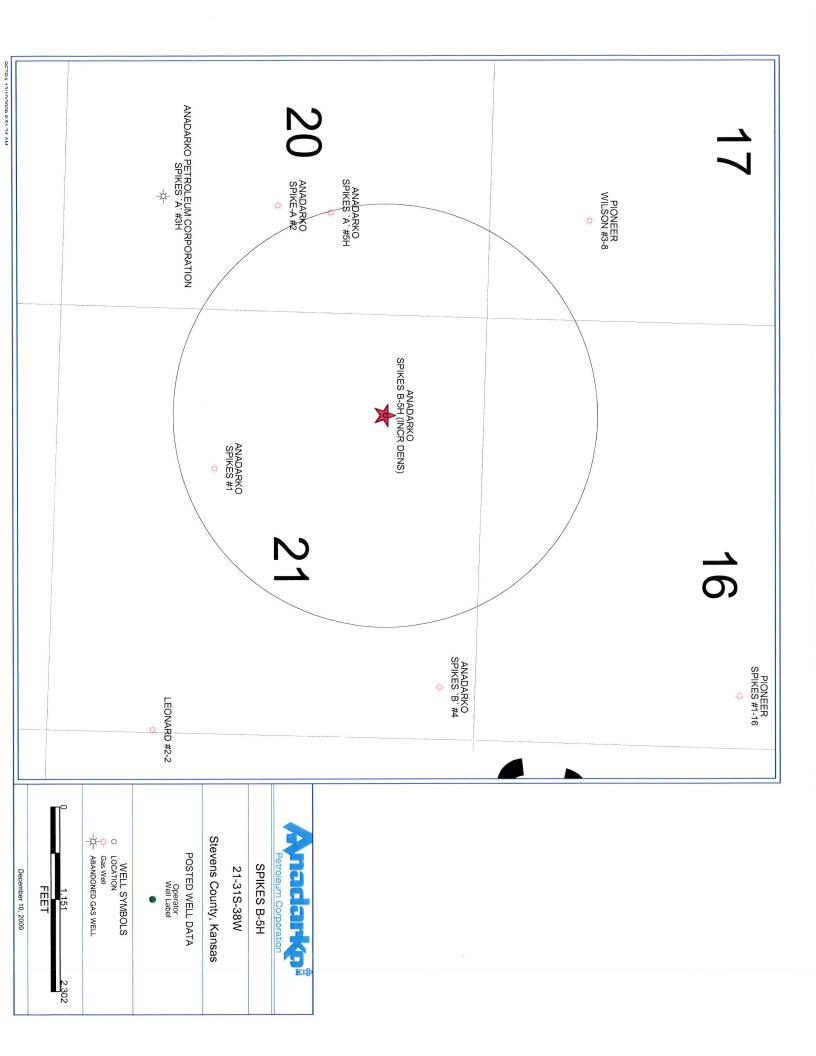
Divergent Interest



SEWARD CO.

The undersigned hereby certifies as Staff Regulatory Analyst (title) for Anadarko Petroleum Corporation (Co.), a duly authorized agent, that all information shown hereon is true and correct to the best of my knowledge and belief, that all acreage claimed attributable to the well named herein is held by production from that well and hereby make application for an allowable to be assigned to the well upon the filing of this form and the State test, whichever is later.

Subscribed and sworn before me this FORM CG-8 (1294) Notary Public My Commission expires





Mark Parkinson, Governor Thomas E. Wright, Chairman Michael C. Moffet, Commissioner Joseph F. Harkins, Commissioner

December 28, 2009

Diana Smart Anadarko Petroleum Corporation PO Box 1330 HOUSTON, TX 77251-1330

Re: Drilling Pit Application Spikes B 5H NW/4 Sec.21-31S-38W Stevens County, Kansas

#### **Dear Diana Smart:**

District staff has inspected the location and has determined that an unsealed condition will present a pollution threat to water resources.

District staff has instructed that no earthen pits are to be used at this location. Steel pits are to be used. Please inform the Commission in writing as to which disposal well you utilized to dispose of the contents in the steel pits and the amount of fluid that was disposed. Please file form CDP-5 (August 2008), Exploration and Production Waste Transfer, within 30 days of fluid removal.

Should a haul-off pit be necessary please file form CDP-1 (April 2004), Application for Surface Pit, through SOLAR. This location will have to be inspected prior to approval of the haul-off pit application.



Mark Parkinson, Governor Thomas E. Wright, Chairman Michael C. Moffet, Commissioner Joseph F. Harkins, Commissioner

# HAUL-OFF PIT APPLICATION FILING REQUIREMENTS

#### 82-3-607. DISPOSAL OF DIKE AND PIT CONTENTS.

- (a) Each operator shall perform one of the following when disposing of dike or pit contents:
  - (1) Remove the liquid contents to a disposal well or other oil and gas operation approved by the commission or to road maintenance or construction locations approved by the department;
  - (2) dispose of reserve pit waste down the annular space of a well completed according to the alternate I requirements of K.A.R. 82-3-106, if the waste to be disposed of was generated during the drilling and completion of the well; or
  - dispose of the remaining solid contents in any manner required by the commission. The requirements may include any of the following:
    - (A) Burial in place, in accordance with the grading and restoration requirements in K.A.R. 82-3-602 (f);
    - (B) removal and placement of the contents in an on-site disposal area approved by the commission;
    - (C) removal and placement of the contents in an off-site disposal area on acreage owned by the same landowner or to another producing lease or unit operated by the same operator, if prior written permission from the landowner has been obtained; or
    - (D) removal of the contents to a permitted off-site disposal area approved by the department.
- (b) Each violation of this regulation shall be punishable by the following:
  - (1) A \$1,000 penalty for the first violation;

- (2) a \$2,500 penalty for the second violation; and
- (3) a \$5,000 penalty and an operator license review for the third violation.

<u>File Haul-Off Pit Application in SOLAR. Review the information below and attach all</u> required documents to the pit application when submitting through SOLAR. This form will automatically generate and fill in from questions asked in SOLAR.

Haul-off pit will be located in an on-site disposal area:YesNo	
Haul-off pit is located in an off-site disposal area on acreage owned by the same landownerYesNo If yes, written permission from the land owner must be obtained. Attach wripermission to haul-off pit application.	
Haul-off pit is located in an off-site disposal area on another <b>producing</b> lease or unit operat the same operator:YesNo If yes, written permission from the land owner must be obtained. Attach permission and a copy of the lease assignment that covers the acreage where the haul-off pit is to be located, to the haul-off pit application.	·