



KANSAS CORPORATION COMMISSION 1035156
OIL & GAS CONSERVATION DIVISION

Form CDP-1
April 2004
Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Name: Anadarko Petroleum Corporation		License Number: 4549
Operator Address: PO Box 1330		HOUSTON TX 77251
Contact Person: Diana Smart		Phone Number: 832-636-8380
Lease Name & Well No.: Spikes B 5H		Pit Location (QQQQ): NW - NE - NW - NW
Type of Pit: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input type="checkbox"/> Drilling Pit <input type="checkbox"/> Workover Pit <input checked="" type="checkbox"/> Haul-Off Pit <small>(If WP Supply API No. or Year Drilled)</small>	Pit is: <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: 8,121 (bbls)	Sec. 21 Twp. 31 R. 38 <input type="checkbox"/> East <input checked="" type="checkbox"/> West 125 Feet from <input checked="" type="checkbox"/> North / <input type="checkbox"/> South Line of Section 720 Feet from <input type="checkbox"/> East / <input checked="" type="checkbox"/> West Line of Section Stevens County
Is the pit located in a Sensitive Ground Water Area? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Chloride concentration: _____ mg/l <small>(For Emergency Pits and Settling Pits only)</small>
Is the bottom below ground level? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Artificial Liner? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	How is the pit lined if a plastic liner is not used? Earthen lined
Pit dimensions (all but working pits): 95 Length (feet) 80 Width (feet) <input type="checkbox"/> N/A: Steel Pits Depth from ground level to deepest point: 6 (feet) <input type="checkbox"/> No Pit		
If the pit is lined give a brief description of the liner material, thickness and installation procedure.		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.
Distance to nearest water well within one-mile of pit 2712 feet Depth of water well 450 feet		Depth to shallowest fresh water 172 feet. Source of information: <input type="checkbox"/> measured <input type="checkbox"/> well owner <input type="checkbox"/> electric log <input checked="" type="checkbox"/> KDWR
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 spilled fluids to flow into the pit? <input type="checkbox"/> Yes <input type="checkbox"/> No		Drilling, Workover and Haul-Off Pits ONLY: Type of material utilized in drilling/workover: Fresh Water Mud Number of working pits to be utilized: 1 Abandonment procedure: Evaporation & Backfill Drill pits must be closed within 365 days of spud date.
Submitted Electronically		

KCC OFFICE USE ONLY		Steel Pit <input type="checkbox"/>	RFAC <input checked="" type="checkbox"/>	RFAS <input type="checkbox"/>
Date Received: 02/11/2010	Permit Number: 15-189-22706-00-00	Permit Date: 02/11/2010	Lease Inspection: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202



*Kathleen Sebelius, 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
 - (3) 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.

Complete and return with Haul-Off Pit Application, Form GDP1(2004)

Haul-off pit will be located in an on-site disposal area: Yes No

Haul-off pit is located in an off-site disposal area on acreage owned by the same landowner:
 Yes No If yes, written permission from the landowner must be obtained. Attach written permission to haul-off pit application.

Haul-off pit is located in an off-site disposal area on another **producing** lease or unit operated by the same operator: Yes No If yes, written permission from the landowner 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.

T31S-R38W

17 16

8"X8" CONC. BLK

8"X8" CONC. BLK

20

21

720.0'

125.0'

95'

80'

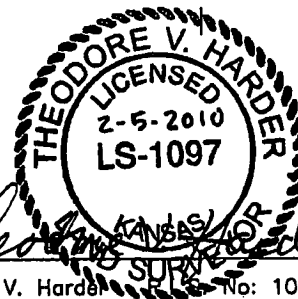
**OFF SITE
PIT**

PASTURE

GRADED ROAD

**ANADARKO
SPIKES "B" #5H**

NW/4



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

Theodore V. Harder
Theodore V. Harder, No: 1097



1106 SHERMAN AVE.

GATHERING, LLC

ELKHART, KANSAS 67830

NO.	DRAWN	REVISIONS	DATE

HARDER
AND ASSOCIATES "locating our world"
LAND SURVEYING - GPS SPECIALISTS
P.O. BOX 618 614 MORTON
Elkhart, Kansas 67850
Phone: (820) 697-2896
Fax: (820) 697-4176
E-MAIL: tharder@elkhart.com

CO KS NM OK

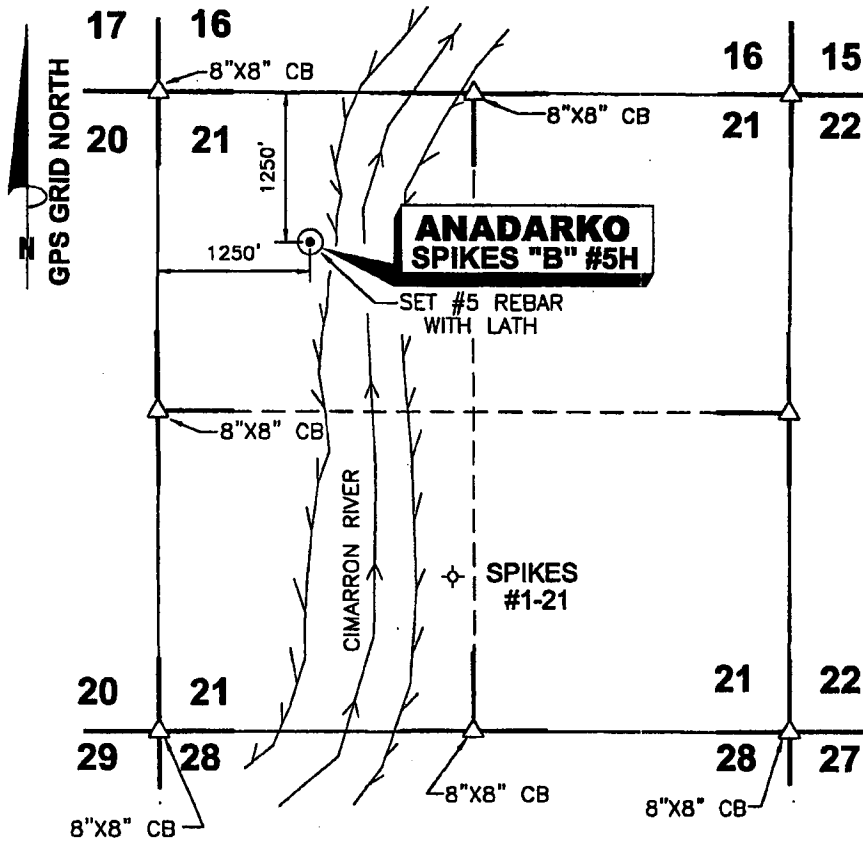
**PROPOSED SPIKES "B" #5H OFF SITE PIT
LOCATION. LOCATED IN THE NW/4 SECTION 21
T31S-R38W, STEVENS COUNTY, KANSAS**

SCALE: 1" = 500' DATE: 2/03/2010
WORK ORDER NO.:

DRAWN BY: SSA CHECKED BY: TVH APPROVED BY: AUTHORIZED BY: D. SMITH

DRAWING NO. AG1109C07

T31S-R38W



DATE 11/16/09

OPERATOR ANADARKO

WELL NAME SPIKES "B" #5H

LOCATION NW/4 SEC.21, T31S-R38W

FOOTAGES & 1250' F N L

RELATIONS 1250' F W L

ELEVATION 3058.42'

DISTANCE TO EXISTING WELL
2158.64' SPIKES #1-21

AUTHORIZED BY D. SMITH

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

CROP PASTURE

WATER WELL _____

NEAREST TOWER _____

AIRPORT _____

LATITUDE 37°20'28.25341" N

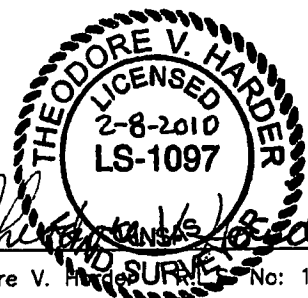
LONGITUDE 101°27'40.38848" W

STATE PLANE COORD.
KANSAS SOUTH ZONE
NAD 27

X= 1139242.56

Y= 259271.57

DRIVING DIRECTIONS USED TO STAKE
WELL FROM KNOWN LANDMARK OR CITY
FROM: FROM INTERSECTION FAS 480 &
FAS 1701. THENCE NORTH ON FAS
1701 2.0 MILES. THENCE EAST 1.5
MILE. 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.

<p>1108 SHERMAN AVE. PETROLEUM CORPORATION ELKHART, KANSAS 67950</p>	NO.	DATE	<p>AND ASSOCIATES "locating our world" LAND SURVEYING - GPS SPECIALISTS P.O. BOX 518 514 MORTON Elkhart, Kansas 67950 Phone: (620) 697-2896 Fax: (620) 697-4175 E-MAIL: tharder@elkhart.com</p>
	REVISIONS	DATE	
<p>WELL LOCATION OF THE SPIKES "B" #5H LOCATED IN THE NW/4 SEC.21, T31S-R38W, STEVENS COUNTY, KANSAS</p>	SCALE: <u>1"=1500'</u>	DATE: <u>11/12/09</u>	<p>CD KS NM OK</p>
<p>DRAWN BY: SSA CHECKED BY: TVH APPROVED BY: _____ AUTHORIZED BY: <u>D. SMITH</u></p>	WORK ORDER NO.:		

**PERMISSION TO BUILD OFF SITE
RESERVE PIT**

TO WHOM IT MAY CONCERN:

Steven Tarbet and Carol Tarbet, husband and wife, the surface owner of said land,
The Northwest Quarter (NW/4) of Section 21, T31S, R38W, Stevens County, Kansas, does
hereby give its permission to **Anadarko E&P Company, LP** or its duly authorized representatives
to build an off site reserve pit **for the purposes of drilling and completing the Spikes B-5H well**
in the Northwest Quarter (NW/4) of Section 21, T31S, R38W.



Steven Tarbet



Carol Tarbet

Date: February 9, 2010.



*Mark Parkinson, Governor
Thomas E. Wright, Chairman
Joseph F. Harkins, Commissioner*

February 11, 2010

Diana Smart
Anadarko Petroleum Corporation
PO Box 1330
HOUSTON, TX 77251-1300

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

Dear Diana Smart:

District staff has inspected the above referenced location and has determined that the Haul-Off pit shall be constructed **without slots**, the bottom shall be flat and reasonably level, and the free fluids must be removed. The fluids are to be removed from the Haul-Off pit within 96 hours of completion of drilling operations.

NO completion fluids or non-exempt wastes shall be placed in the Haul-Off pit.

The fluids should be taken to an authorized disposal well. Please call the District Office at (620) 225-8888 when the fluids have been removed. Please file form CDP-5 (August 2008), Exploration and Production Waste Transfer, through SOLAR within 30 days of fluid removal.

If you have any questions or concerns please feel free to contact the District Office at (620) 225-8888.