

For KCC Use:
Effective Date: 6-21-08
District # 1
SGA? Yes No

NOTICE OF INTENT TO DRILL

Must be approved by KCC five (5) days prior to commencing well

Expected Spud Date 08 month 01 day 2008 year

Spot SW NE SW Sec 10 Twp 32 S. R. 38 East West

OPERATOR: License # 4549 ✓
Name: Anadarko Petroleum Corporation
Address: 1201 Lake Robbins Drive
City/State/Zip: The Woodlands, TX 77380
Contact Person: Diana Smart
Phone: (832) 636-8380

1450 feet from N / S Line of Section
1390 feet from E / W Line of Section

Is SECTION Regular Irregular?

(Note: Locate well on Section Plat on Reverse Side)

CONTRACTOR: License # 30606 ✓
Name: Murfin drilling Co., Inc.

County: Stevens

Lease Name: Sughrue A Well #: 2HP

Field Name: Hugoton/Panoma

Is this a Prorated/Spaced Field? Yes No

Target Formation(s): Chase/Council Grove

Nearest Lease or unit boundary: 1194.12'

Ground Surface Elevation: 3191.48 feet MSL

Water well within one-quarter mile: yes no

Public water supply within one mile: yes no

Depth to bottom of fresh water: 580' ✓

Depth to bottom of usable water: 580'

Surface Pipe by Alternate: 1 2

Length of Surface Pipe Planned to be set: 600'

Length of Conductor pipe required: _____

Projected Total Depth: 3220'

Formation at Total Depth: Admire

Water Source for Drilling Operations:

Well Farm Pond Other _____

DWR Permit #: Service company will request permit.

(Note: Apply for Permit with DWR)

Will Cores Be Taken?: Yes No

If yes, proposed zone: _____

Well Drilled For: Well Class: Type Equipment:

Oil Enh Rec Infield Mud Rotary
 Gas Storage Pool Ext. Air Rotary
 OWWO Disposal Wildcat Cable
 Seismic; # of Holes Other
 Other _____

If OWWO: old well information as follows:

Operator: _____

Well Name: _____

Original Completion Date: _____ Original Total Depth: _____

Directional, Deviated or Horizontal wellbore? Yes No

If yes, true vertical depth: _____

Bottom Hole Location _____

KCC DKT # _____

PRORATED & SPACED: HUGOTON/PANOMA

AFFIDAVIT

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101 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;
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: 6/13/08 Signature of Operator or Agent: Diana Smart Title: Staff Regulatory Analyst

For KCC Use ONLY
API # 15- 189-22656-0000
Conductor pipe required None feet
Minimum surface pipe required 600 feet per Alt. 1
Approved by: pub 6-16-08
This authorization expires: 6-16-09
(This authorization void if drilling not started within 12 months of effective date.)
Spud date: _____ Agent _____

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;
- Submit plugging report (CP-4) after plugging is completed;
- Obtain written approval before disposing or injecting salt water.
- If permit has expired (See: authorized expiration date) please check the box below and return to the address below

Well Not Drilled - Permit Expired

Signature of Operator or Agent: _____

Date: _____

10-32-38W

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 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 Anadarko Petroleum Corporation
 Lease Sughrue A
 Well Number 2HP
 Field Hugoton/Panoma

Location of Well: County: Stevens
 _____ feet from N / S Line of Section
 _____ feet from E / W Line of Section
 Sec 10 Twp 32 S. R. 38 East West

Number of Acres attributable to well: 640
 QTR/QTR/QTR of acreage: SW - NE - SW

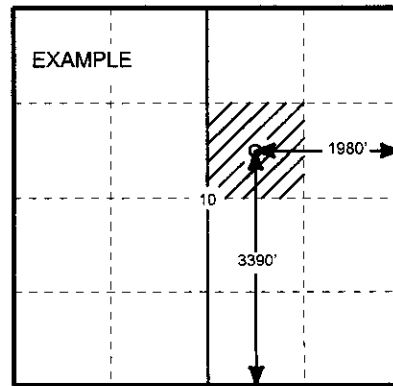
Is Section Regular or Irregular
If Section is irregular, locate well from nearest corner boundary.
 Section corner used: NE NW SE SW

PLAT

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



This depicts 160 AC out of a 640 AC non-contiguous unit formed prior to 04/01/07.



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; and 3.
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: (CO-7 for oil wells; CG-8 for gas wells).

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 NUMBER 15- 189-22656-0000

OPERATOR Anadarko Petroleum Corporation
 LEASE Sughrue A
 WELL NUMBER 2HP
 FIELD Hugoton/Panoma

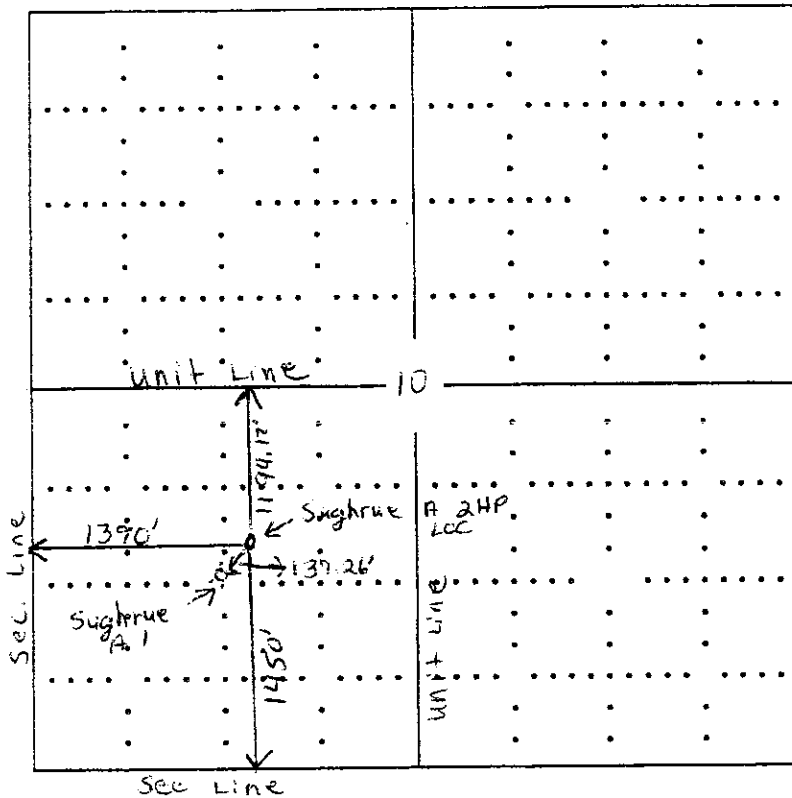
LOCATION OF WELL: COUNTY Stevens

1450 feet from south ~~XXXX~~ line of section
1390 feet from ~~XXXX~~ / west line of section

NUMBER OF ACRES ATTRIBUTABLE TO WELL 640
 QTR/QTR/QTR OF ACREAGE SW - NE - SW

SECTION 10 TWP 32 (S) RG 38 ~~XX~~/W
 IS SECTION X REGULAR or IRREGULAR
 IF SECTION IS IRREGULAR, LOCATE WELL FROM
 NEAREST CORNER BOUNDARY. (check line below)
 Section corner used: NE NW SE SW

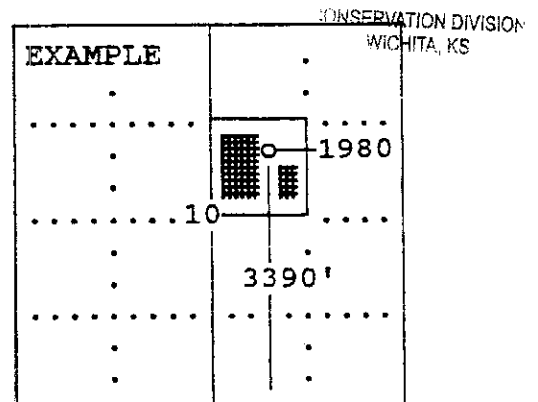
(Show the location of the well and shade attributable acreage for prorated or spaced wells).
 (Show the footage to the nearest lease or unit boundary line; and show footage to the nearest common source supply well).



Well #1 will be shut in during drilling/testing of well #2. It will be PA'd if well #2 is successful.

RECEIVED
 KANSAS CORPORATION COMMISSION

JUN 16 2008



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

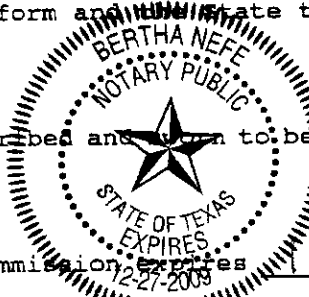
Signature Diana Smart Diana Smart

Subscribed and sworn to before me on this 13th day of June, 192008

Bertha Neff
 Notary Public

My Commission Expires 12-27-09

FORM CG-8 (12/94)



15-189-22656-0000

T32S-R38W

RECEIVED
KANSAS CORPORATION COMMISSION

JUN 15 2008

CONSERVATION DIVISION
WICHITA, KS

DATE 5/22/08

OPERATOR ANADARKO

WELL NAME SUGHRUE "A" #2 HP

LOCATION SW/4 SEC.10, T32S-R38W

FOOTAGES & 1450' F S L

RELATIONS 1390' F W L

ELEVATION 3191.48'

DISTANCE TO EXISTING WELL
137.26' SUGHRUE "A" #1

AUTHORIZED BY D. SMITH

GPS GRID NORTH

FND. 8"x8"
CONC. BLK.

FND. 8"x8"
CONC. BLK.

FND. 5"x8"
CONC. BLK.

GRADED ROAD

FND. 6"
CONC. CYL.

**ANADARKO
SUGHRUE "A" #2 HP**

SET #5 REBAR
AND LATH

UNIT LIMITS

GRADED ROAD

PASTURE
**SUGHRUE
"A" #1**

UNIT LIMITS

GRADED ROAD

FND. 6"
CONC. CYL.

FND. 5"x8"
CONC. BLK.

FND. 6"
CONC. CYL.

FND. 5"x8"
CONC. BLK.

SW/4 SEC.10, T32S - R38W STEVENS COUNTY, KANSAS

CROP PASTURE

WATER WELL _____

NEAREST TOWER _____

AIRPORT _____

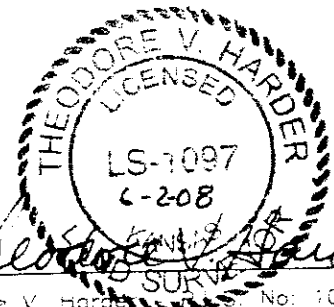
LATITUDE 37°16'32.41038"N

LONGITUDE 101°26'33.11931"W

STATE PLANE COORD.
KANSAS SOUTH ZONE
NAD 27 X=1143919.61
Y=235258.13

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

**FROM INTERSECTION HWY.25 &
FAS. 480 8 MILES NORTH OF
HUGOTON, KS. THENCE WEST 6.0
MILES, THENCE SOUTH 2.7 MILES.
THENCE EAST 1390 FEET INTO.**



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



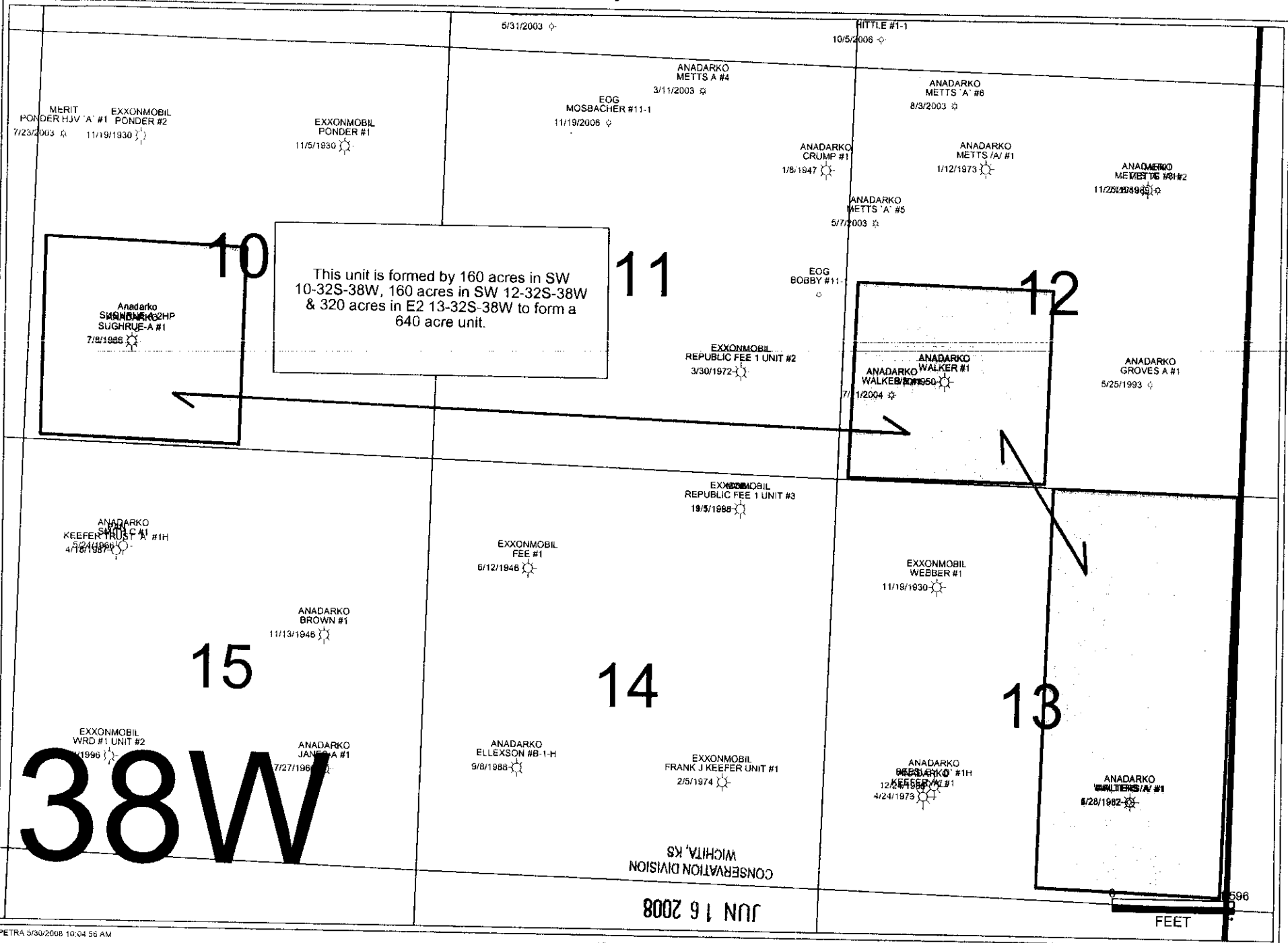
WELL LOCATION OF THE SUGHRUE "A" #2 HP
LOCATED IN THE SW/4 SEC.10,
T32S-R38W, STEVENS COUNTY, KANSAS

| NO. | DATE | REVISIONS |
|-----|------|-----------|
| | | |
| | | |
| | | |
| | | |

HARDER
AND ASSOCIATES "locating our world"
LAND SURVEYING - GPS SPECIALISTS
P.O. BOX 518 514 MORTON
Elkhart, Kansas 67950
Phone: (620) 697-2696
Fax: (620) 697-4175
E-MAIL: tharder@elkhart.com

Sughrue A 2HP - Map of entire 640 Acre unit

15-189-22656-0000



RECEIVED
KANSAS CORPORATION COMMISSION

APPLICATION FOR SURFACE PIT

Submit in Duplicate

| | | |
|--|--|--|
| Operator Name: <u>Anadrko Petroleum Corporation</u> | | License Number: <u>4549</u> |
| Operator Address: <u>1201 Lake Robbins Drive The Woodlands, TX 77380</u> | | |
| Contact Person: <u>Diana Smart</u> | | Phone Number: <u>(832) 636-8380</u> |
| Lease Name & Well No.: <u>Sughrue A #2HP</u> | | Pit Location (QQQQ): <u>SW-NE-SW</u> <u>- 10 - 32S - 38</u> <input type="checkbox"/> East <input checked="" type="checkbox"/> West <u>1450</u> Feet from <input type="checkbox"/> North/ <input checked="" type="checkbox"/> South Line of Section <u>1390</u> Feet from <input type="checkbox"/> East/ <input checked="" type="checkbox"/> West Line of Section <u>Stevens</u> County |
| Type of Pit: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input checked="" type="checkbox"/> Drilling Pit <input type="checkbox"/> Workover Pit <input 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 <u>7000</u> (bbls) | |
| 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 pit lined if a plastic liner is not used? <u>Earthen lined</u> |
| Pit dimensions (all but working pits): <u>100</u> Length (feet) <u>100</u> Width (feet) _____ N/A Steel Pits Depth from ground level to deepest point <u>5</u> (feet) | | |
| 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. |
| | | RECEIVED JUN 16 2008 CONSERVATION DIVISION WICHITA, KS |
| Distance to nearest water well within one-mile of pit <u>2250</u> feet Depth of water well <u>360</u> feet | Depth to shallowest fresh water <u>220</u> feet. ✓ Source of information: _____ measured _____ well owner _____ 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 pond? <input type="checkbox"/> Yes <input type="checkbox"/> No | Drilling, Workover and Haul-Off Pits ONLY: Type of material utilized in drilling/workover <u>Fresh water mud</u> Number of working pits to be utilized <u>1</u> Abandonment procedure: <u>Let dry then backfill and restore to original ground level.</u> Drill pits must be closed within 365 days of spud date. | |
| I hereby certify that the above statements are true and correct to the best of my knowledge and belief. | | |
| <u>06/12/2008</u> Date | | <u>Diana Smart</u> Signature of Applicant or Agent |
| KCC OFFICE USE ONLY Normal | | |
| Date Received: <u>6/16/08</u> Permit Number: _____ Permit Date: <u>6/16/08</u> Lease Inspection: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | |

15-189-22656-0000