

For KCC Use: 6-12-2010
 Effective Date: _____
 District #: 4
 SGA? Yes No

KANSAS CORPORATION COMMISSION
 OIL & GAS CONSERVATION DIVISION

Form C-1
 October 2007
 Form must be Typed
 Form must be Signed
 All blanks must be Filled

NOTICE OF INTENT TO DRILL

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

Expected Spud Date: 07 05 2010
 month day year

Spot Description: 70' north of
SE NE SE Sec. 26 Twp. 9 S. R. 23 E W
 (0/0/0) 1,720 feet from N / S Line of Section
330 feet from E / W Line of Section

OPERATOR: License# 33823
 Name: Sentinel Petroleum, Inc.
 Address 1: 101 N. Robinson, Suite 910
 Address 2: _____
 City: Oklahoma City State: OK Zip: 73102 + _____
 Contact Person: Suzanne Rogers
 Phone: 405-239-2150, Ext 15
 CONTRACTOR: License# 31548
 Name: Discovery Drilling

Is SECTION: Regular Irregular?
 (Note: Locate well on the Section Plat on reverse side)

County: Graham
 Lease Name: Hill City High School Well #: 10
 Field Name: Vesper

Is this a Prorated / Spaced Field? Yes No
 Target Formation(s): Arbuckle

Nearest Lease or unit boundary line (in footage): 330'
 Ground Surface Elevation: 2419.9' feet MSL

Water well within one-quarter mile: Yes No
 Public water supply well within one mile: Yes No

Depth to bottom of fresh water: est 150'
 Depth to bottom of usable water: est 800' / 1150'

Surface Pipe by Alternate: I II
 Length of Surface Pipe Planned to be set: 250'
 Length of Conductor Pipe (if any): N/A

Projected Total Depth: 4000'
 Formation at Total Depth: Arbuckle

Water Source for Drilling Operations:
 Well Farm Pond Other: _____

DWR Permit #: _____
 (Note: Apply for Permit with DWR)

Well Drilled For: Oil Gas Seismic; # of Holes _____
 Other: _____
 Well Class: Infield Pool Ext. Wildcat Other _____
 Type Equipment: Mud Rotary Air Rotary Cable

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 #: _____

Will Cores be taken? Yes No
 If Yes, proposed zone: Lansing Kansas City

KANSAS CORPORATION COMMISSION

AFFIDAVIT

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 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 #133,691-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 correct to the best of my knowledge and belief.

Date: 6/2/10 Signature of Operator or Agent: [Signature] Title: Vice-President

For KCC Use ONLY
 API # 15 - 065-23652-00-00
 Conductor pipe required None feet
 Minimum surface pipe required 200 feet per ALT. I II
 Approved by: [Signature] 6-7-2010
 This authorization expires: 6-7-2011
 (This authorization void if drilling not started within 12 months of approval 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 (within 60 days);
- 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 Date: _____
 Signature of Operator or Agent: _____

26
9
23
 E
 W

JUN 04 2010

CONSERVATION DIVISION
 WICHITA, KS

RECEIVED

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 - 065-23652-00-00
Operator: Sentinel Petroleum, Inc.
Lease: Hill City High School
Well Number: 10
Field: Vesper

Location of Well: County: Graham
1,720 feet from N / S Line of Section
330 feet from E / W Line of Section
Sec. 26 Twp. 9 S. R. 23 E W

Number of Acres attributable to well: _____
QTR/QTR/QTR/QTR of acreage: _____ - SE - NE - SE

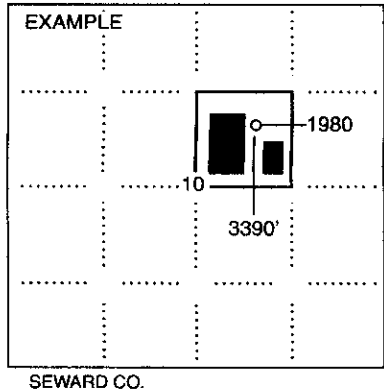
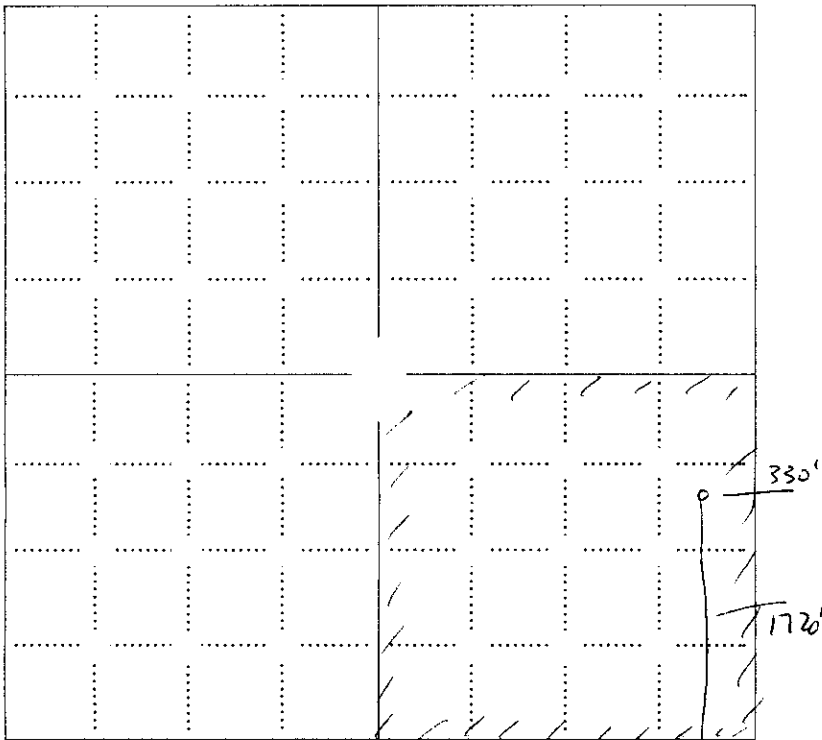
Is Section: Regular or Irregular

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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JUN 04 2010
CONSERVATION DIVISION
WICHITA, KS

NOTE: In all cases locate the spot of the proposed drilling location.

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

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
APPLICATION FOR SURFACE PIT**

Form CDP-1
April 2004
Form must be Typed

Submit in Duplicate

Operator Name: Sentinel Petroleum, Inc.		License Number: 33823	
Operator Address: 101 N. Robinson, Suite 910		Oklahoma City OK 73102	
Contact Person: Suzanne Rogers		Phone Number: 405-239-2150, Ext 15	
Lease Name & Well No.: Hill City Hlgh School 10		Pit Location (QQQQ): _____ SE _____ NE _____ SE Sec. <u>26</u> Twp. <u>9</u> R. <u>23</u> <input type="checkbox"/> East <input checked="" type="checkbox"/> West <u>1,720</u> Feet from <input type="checkbox"/> North / <input checked="" type="checkbox"/> South Line of Section <u>330</u> Feet from <input checked="" type="checkbox"/> East / <input type="checkbox"/> West Line of Section Graham 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 <i>(If WP Supply API No. or Year Drilled)</i>		Pit is: <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: 3,000 (bbls)	
Is the pit located in a Sensitive Ground Water Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Chloride concentration: _____ mg/l <i>(For Emergency Pits and Settling Pits only)</i>	
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	
Pit dimensions (all but working pits): _____ Length (feet) _____ Width (feet) _____ N/A: Steel Pits Depth from ground level to deepest point: <u>5</u> (feet) _____ No Pit		How is the pit lined if a plastic liner is not used? Native Clay	
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 _____ feet Depth of water well <u>120</u> feet		Depth to shallowest fresh water <u>42</u> 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: <u>premix/fresh water</u> Number of working pits to be utilized: <u>3</u> Abandonment procedure: <u>evaporation & cover</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.		RECEIVED KANSAS CORPORATION COMMISSION	
_____ Date		_____ Signature of Applicant or Agent	
		JUN 04 2010 CONSERVATION DIVISION WICHITA, KS	
KCC OFFICE USE ONLY			
		Steel Pit <input type="checkbox"/> RFAC <input type="checkbox"/> RFAS <input type="checkbox"/>	
Date Received: <u>6/4/10</u> Permit Number: _____		Permit Date: <u>6/4/10</u> Lease Inspection: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

15-065-2365-2-0000