

For KCC Use:
Effective Date: 11-21-2009
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: December 10, 2009
month day year

OPERATOR: License# 6931 ✓
Name: Bowman Oil Company
Address 1: 805 Codell Road
Address 2:
City: Codell State: Kansas Zip: 67663
Contact Person: Louis "Don" Bowman or William "Bill" Bowman
Phone: 785-434-2286 M-F
CONTRACTOR: License# #33493 ✓
Name: American Eagle Drilling, LLC

Spot Description: SW/4
- SE - NE - SW Sec. 13 Twp. 12 S. R. 18 E W
(a.o.a.o.a) 1,725 feet from N / S Line of Section
2,970 feet from E / W Line of Section
Is SECTION: Regular Irregular? from SE Corner

(Note: Locate well on the Section Plat on reverse side)
County: Ellis County, Kansas
Lease Name: Arnhold Well #: 1
Field Name: Bemis-Shutts
Is this a Prorated / Spaced Field? Yes No
Target Formation(s): Arbuckle

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

Nearest Lease or unit boundary line (in footage): 1725' FSL
Ground Surface Elevation: Approximately 2147' KB 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: Approximately 175'
Depth to bottom of usable water: Approximately 200' 700
Surface Pipe by Alternate: I II
Length of Surface Pipe Planned to be set: Approximately 200'
Length of Conductor Pipe (if any): N/A
Projected Total Depth: Approximately 3650'
Formation at Total Depth: Arbuckle

If OWWO: old well information as follows:
Operator: N/A
Well Name: N/A
Original Completion Date: N/A Original Total Depth: N/A

Water Source for Drilling Operations:
 Well Farm Pond Other:
DWR Permit #: (Note: Apply for Permit with DWR)

Directional, Deviated or Horizontal wellbore? Yes No
If Yes, true vertical depth: N/A
Bottom Hole Location: N/A
KCC DKT #: N/A

Will Cores be taken? Yes No
If Yes, proposed zone: N/A

AFFIDAVIT

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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:

NOV 16 2009

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.

CONSERVATION DIVISION
WICHITA, KS

I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

Date: October 11, 2009 Signature of Operator or Agent: Connie J Austin Title: Agent for Bowman Oil Company

For KCC Use ONLY
API # 15 - 051-25938-0000
Conductor pipe required None feet
Minimum surface pipe required 200 feet per ALT. I II
Approved by: 11-16-2009
This authorization expires: 11-16-2010
(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: _____

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

13
12
18
 E
 W

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 - 051-25938-00-00
 Operator: Bowman Oil Company
 Lease: Arnhold
 Well Number: 1
 Field: Bemis-Shutts

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

Location of Well: County: Ellis County, Kansas
 _____ feet from N / S Line of Section
 _____ feet from E / W Line of Section
 Sec. 13 Twp. 12 S. R. 18 E W
 from SE Corner

Is Section: Regular or Irregular

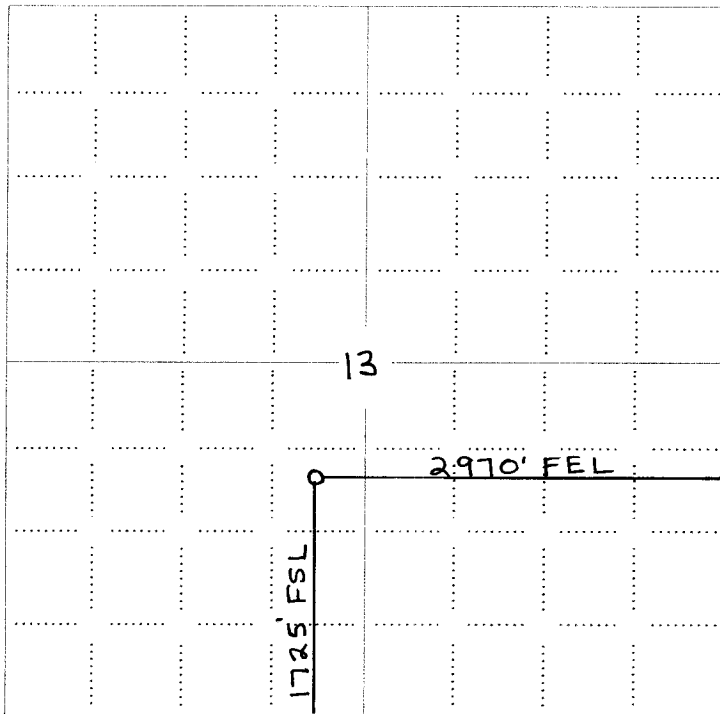
If Section is Irregular, locate well from nearest corner boundary.

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.)

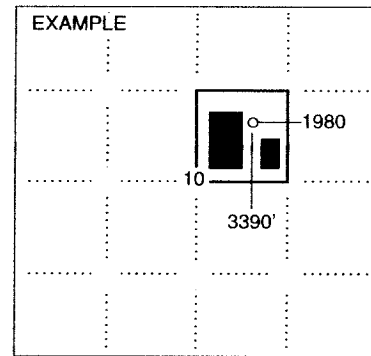


NOTE: In all cases locate the spot of the proposed drilling location.

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CONSERVATION DIVISION
 WICHITA, KS



SEWARD CO.


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: Bowman Oil Company		License Number: 6931
Operator Address: 805 Codell Road		Codell Kansas 67663
Contact Person: Louis "Don" Bowman or William "Bill" Bowman		Phone Number: 785-434-2286 M-F
Lease Name & Well No.: Arnhold # 1		Pit Location (QQQQ): _____ SE _____ NE _____ SW
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: 500 (bbls)	Sec. 13 Twp. 12 R. 18 <input type="checkbox"/> East <input checked="" type="checkbox"/> West 1,725 Feet from <input type="checkbox"/> North / <input checked="" type="checkbox"/> South Line of Section 2,970 Feet from <input checked="" type="checkbox"/> East / <input type="checkbox"/> West Line of Section Ellis County, Kansas _____ County
Is the pit located in a Sensitive Ground Water Area? <input type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	How is the pit lined if a plastic liner is not used?
Pit dimensions (all but working pits): _____ 40 Length (feet) _____ 12 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. Standard Black Plastic		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring. Daily Visual Inspection <div align="right">RECEIVED KANSAS CORPORATION COMMISSION NOV 16 2009</div>
Distance to nearest water well within one-mile of pit approx. 2145' feet Depth of water well 90 feet		Depth to shallowest fresh water 60 feet. CONSERVATION DIVISION WICHITA, KS Source of information: <input checked="" type="checkbox"/> measured <input type="checkbox"/> well owner <input type="checkbox"/> electric log <input 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: Rotary Mud & Water Number of working pits to be utilized: 3 Abandonment procedure: Waste will be Transferred, Pit will be allowed to Air Dry. Then Pit will be Filled Back to Ground Level. 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.		
October 11, 2009 Date	 Signature of Applicant or Agent	
KCC OFFICE USE ONLY		
Steel Pit <input type="checkbox"/> RFAC <input checked="" type="checkbox"/> RFAS <input type="checkbox"/>		
Date Received: <u>11/16/09</u> Permit Number: _____ Permit Date: <u>11/16/09</u> Lease Inspection: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

15-051-25938-00-00

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