

For KCC Use: 5-11-2009
Effective Date: 2
District # 2
SGA? ☐ Yes ☒ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form CB-1
December 2008
Form must be Typed
Form must be Signed
All blanks must be Filled

CATHODIC PROTECTION BOREHOLE INTENT

Must be approved by the KCC sixty (60) days prior to commencing well.

Expected Spud Date: 08 10 2009
month day year

OPERATOR: License# 33631
Name: ConocoPhillips
Address 1: 25760 W. 343rd Street
Address 2: _____
City: Paola State: KS. Zip: 66071 + _____
Contact Person: Joe Garrison
Phone: 913-285-2455 cell 913-294-2166 X19 office

CONTRACTOR: License# KS 791 (KDHE Lic. WW)
Name: Giles Drilling

Type Drilling Equipment: ☐ Mud Rotary ☐ Cable
☒ Air Rotary ☐ Other

Construction Features

Length of Cathodic Surface (Non-Metallic) Casing
Planned to be set: 20 feet
Length of Conductor pipe (if any): _____ feet
Surface casing borehole size: 17.5 inches
Cathodic surface casing size: 10 inches
Cathodic surface casing centralizers set at depths of: _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ;
Cathodic surface casing will terminate at:
☐ Above surface ☐ Surface Vault ☒ Below Surface Vault
Pitless casing adaptor will be used: ☐ Yes ☐ No Depth _____ feet
Anode installation depths are: _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ;
_____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ;

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 and again before plugging the well. An agreement between the operator and the District Office MAY 04 2009 and placement is necessary prior to plugging. In all cases, notify District Office prior to any grouting.
2. Notify appropriate District Office 48 hours prior to workover or re-entry.
3. A copy of the approved notice of intent to drill shall be posted on each drilling rig.
4. The minimum amount of cathodic surface casing as specified below shall be set by grouting to the top when the cathodic surface casing is set.
5. File all required forms: a. File Drill Pit Application (form CDP-1) with Intent to Drill (form CB-1). b. File Completion Form (ACO-1) within 30 days from spud date. c. Submit plugging report (CP-4) within 30 days after final plugging is completed.

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

Date: 04/28/2009 Signature of Operator or Agent: Joe Garrison Title: Corrosion Specialist

For KCC Use ONLY

API # 15 - 015-23817-0000
Conductor pipe required None feet
Minimum Cathodic Surface Casing Required: 20 feet AH-3
Approved by: KUH 5-6-2009
This authorization expires: 5-6-2010
(This authorization void if drilling not started within 12 months of approval date.)
Spud date: _____ Agent: _____

Spot Description: _____
SW - NW - NE Sec. 28 Twp. 28 S. R. 3 ☒ E ☐ W
(00000) 625 feet from ☒ N / ☐ S Line of Section
2,600 feet from ☒ E / ☐ W Line of Section

Is SECTION: ☒ Regular ☐ Irregular?
(Check directions from nearest outside corner boundaries)

County: Butler
Facility Name: Standish
Borehole Number: MP125-AC2
Ground Surface Elevation: 1280' MSL
Cathodic Borehole Total Depth: 180 feet
Depth to Bedrock: 200' / 0 feet

Water Information
Aquifer Penetration: ☐ None ☒ Single ☒ Multiple
Depth to bottom of fresh water: 20
Depth to bottom of usable water: 180
Water well within one-quarter mile: ☐ Yes ☒ No
Public water supply well within one mile: ☐ Yes ☒ No
Water Source for Drilling Operations:
☐ Well ☐ Farm Pond ☐ Stream ☒ Other

Water Well Location: _____
DWR Permit # _____
Standard Dimension Ratio (SDR) is = 26
(Cathodic surface csg. O.D. in inches / MWT in inches = SDR)
Annular space between borehole and casing will be grouted with:
☐ Concrete ☒ Neat Cement ☐ Bentonite Cement ☐ Bentonite Clay
Anode vent pipe will be set at: N/A feet above surface
Anode conductor (backfill) material TYPE: Conducrete
Depth of BASE of Backfill installation material: 180'
Depth of TOP of Backfill installation material: 4'
Borehole will be Pre-Plugged? ☒ Yes ☐ No

KANSAS CORPORATION COMMISSION

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If this permit has expired or will not be drilled, check a box below, sign, date and return to the address below.

☐ Permit Expired ☐ Well Not Drilled

Date _____ Signature of Operator or Agent _____

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

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

Show the relationship to the other wells or facilities proposed to be serviced by the intended cathodic borehole. Please show all wells, existing cathodic boreholes, pipelines or facilities within 1/2 mile of the proposed borehole.

API No. 15 - 015-23817-00-00
 Operator: ConocoPhillips
 Facility Name: Standish
 Borehole Number: MP125-AC2

Location of Well: County: Butler
625 feet from ☒ N / ☐ S Line of Section
2,600 feet from ☒ E / ☐ W Line of Section
 Sec. 28 Twp. 28 S. R. 3 ☒ E ☐ W

Is Section: ☒ Regular or ☐ Irregular

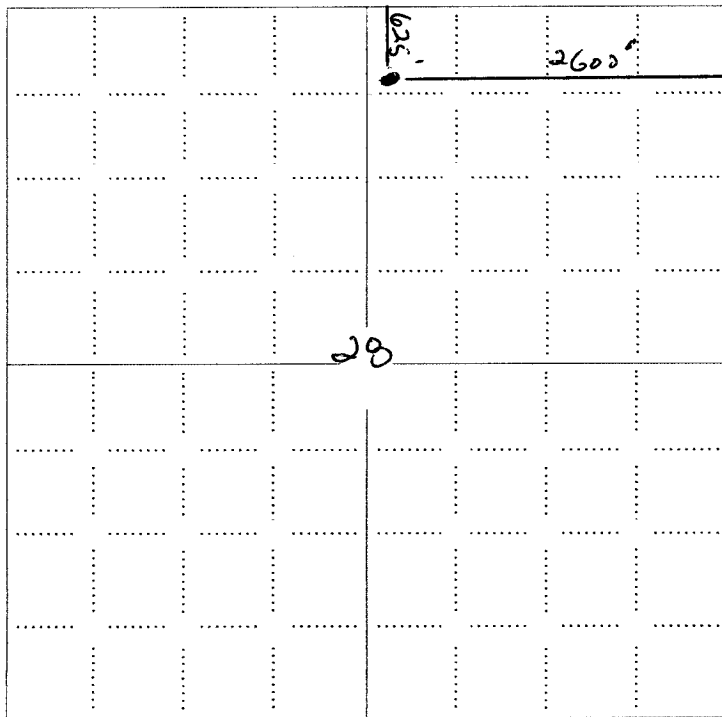
If Section is Irregular, locate well from nearest corner boundary.

Section corner used: ☐ NE ☐ NW ☐ SE ☐ SW

PLAT

(Show location of intended cathodic borehole)

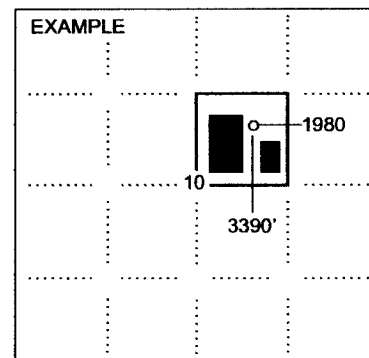
(Show footage to the nearest lease, unit or outside section boundary.)



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MAY 04 2009

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SEWARD CO.

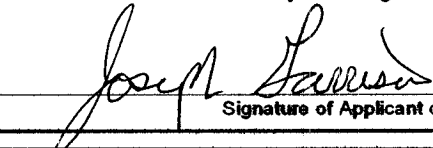
In plotting the proposed location of the well, you must show:

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 section's south / north and east / west / line.

**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: ConocoPhillips		License Number: 33631	
Operator Address: 25760 W. 343rd Street		Paola	KS. 66071
Contact Person: Joe Garrison		Phone Number: 913-285-2455 cell 913-294-2166 X19 office	
Lease Name & Well No.: Standish MP125-AC2		Pit Location (QQQQ): SW NW NW NE Sec. 28 Twp. 28 R. 3 ☒ East ☐ West 625 Feet from ☒ North / ☐ South Line of Section 2,590 Feet from ☒ East / ☐ West Line of Section Butler County	
Type of Pit: ☐ Emergency Pit ☐ Burn Pit ☐ Settling Pit ☒ Drilling Pit ☐ Workover Pit ☐ Haul-Off Pit (If WP Supply API No. or Year Drilled)		Pit is: ☒ Proposed ☐ Existing If Existing, date constructed: _____ Pit capacity: 60 (bbls)	
Is the pit located in a Sensitive Ground Water Area? ☐ Yes ☒ No		Chloride concentration: _____ mg/l (For Emergency Pits and Settling Pits only)	
Is the bottom below ground level? ☒ Yes ☐ No		Artificial Liner? ☐ Yes ☒ No	
		How is the pit lined if a plastic liner is not used? Air drill - no liner clay	
Pit dimensions (all but working pits): 8 Length (feet) 8 Width (feet) ☐ N/A: Steel Pits Depth from ground level to deepest point: 8 (feet) ☐ 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 est 1760 feet Depth of water well 38 feet		Depth to shallowest fresh water 30 feet. Source of information: ☐ measured ☐ well owner ☐ electric log ☒ 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? ☐ Yes ☐ No		Drilling, Workover and Haul-Off Pits ONLY: Type of material utilized in drilling/workover: A.R. Number of working pits to be utilized: 2 Abandonment procedure: A.R. dry / backfill 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.		KANSAS CORPORATION COMMISSION	
04/28/2009 Date	 Signature of Applicant or Agent	MAY 04 2009 RECEIVED	
KCC OFFICE USE ONLY			
Steel Pit ☐		RFAC ☐ RFAS ☐	
Date Received: 5/4/09	Permit Number: _____	Permit Date: 5/5/09	Lease Inspection: ☐ Yes ☒ No

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

15-015-23817-00-00

15-015-23817-00-00

Date: 04/28/2009
To:
Kansas Corporation Commission
Conservation Division
130 S. Market-Room 2078
Wichita, KS. 67202

KANSAS CORPORATION COMMISSION

MAY 04 2009

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From: Joe Garrison
ConocoPhillips
25760 W. 343rd Street
Paola, KS. 66071
Ph: 913-294-2166 X19-office
PH: 9132-285-2455 cell

This letter is to summarize the phone conversation between my self, Jeff Klock and Steve Bond. The conversation centered on an AC mitigation system as required by Department of Transportation and ConocoPhillips to mitigate the possibility of AC corrosion and insure safety for the public and any person working on the Standish pipeline system.

ConocoPhillips Standish pipe line is located in Butler county Kansas running south to north in conjunction with the Westar AC high voltage overhead lines from Rose Hill to approximately Benton, KS.

The enclosed CB-1 forms are for the drilling and installation of the discussed AC mitigation system.

These locations are not typical cathodic ground bed installations as they do not contain anodes and do not provide cathodic protection to the pipe line.

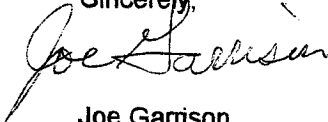
These locations will contain a product called conducrete and a large diameter copper wire. This is attached to the pipeline through a DC de-coupler which allows the AC current to pass while blocking the DC cathodic protection. This allows the grounding of the pipe line from AC current picked up from the overhead power lines.

Conducrete is basically a mixture of neat cement and coke breeze which we assume would be considered as a pre-plug material. The casing will be set in the conducrete product.

A sample of the conducrete and data sheet was furnished to the KCC by SAE Inc. ConocoPhillips is now filling the permits to install this system as discussed with Mr. Klock and Mr. Bond.

We are more than happy to have KCC personnel on site when installing this system.

Sincerely,



Joe Garrison
ConocoPhillips