

FOR KCC USE:

641.

FORM CB-1 12-93

EFFECTIVE DATE: 5-1-05

State of Kansas

FORM MUST BE TYPED

DISTRICT #: 1

CATHODIC PROTECTION BOREHOLE INTENT

FORM MUST BE SIGNED

SGA? Yes No

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

ALL BLANKS MUST BE FILLED IN

Expected Spud (Starting) Date 4 22 05
month day year

Spot (Location) Q/Q/Q
A1 W/2 SE Sec 1 Twp 31S S, Rg 38W East
1330 FSL feet from South / North Line of Section
1620 FEL feet from East / West Line of Section

OPERATOR: License # 04824

(Circle directions from nearest outside corner boundaries)

Name: PIONEER NATURAL RESOURCES USA, INC.

Address: 5205 N. O'CONNOR BLVD.

City/State/Zip: IRVING, TX 75039

IS SECTION REGULAR IRREGULAR?

(Spot well on Section Plat on Reverse Side)

County: STEVENS

Contact Person: TONI HOLLIMAN

Lease Name: RECTIFIER Well #: 13

Phone: (972) 444-9001

Facility Name: MTR GATHERING SYSTEM

CONTRACTOR: License #: WILL ADVISE ON ACO-1

Ground Surface Elevation: 3114 (Per Plat) MSL.

Name: Must be licensed by KCC

Cathodic Borehole Total Depth 176' 130' ft.

Depth to Bedrock 540 ft.

WATER INFORMATION:

Type Drilling Equipment: Mud Rotary Cable
 Air Rotary Other

Aquifer Penetration: None Single Multiple

Depth to bottom of fresh water: 176' TOP / 320' BASE 540'

Depth to bottom of usable water: 600

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: N/A

DWR Permit #: N/A

Standard Dimension Ratio (SDR) is = 23.66

(cathodic surface OO csg. in inches / MWT in inches = SDR)

CONSTRUCTION FEATURES

Length of Cathodic Surface (Non-Metallic) Casing

Planned to be set: 20' of 6" Non-Aquifer Completion ft.

Length of Conductor pipe (If any?) _____ ft.

Size of the borehole (I.D.): 16" inches

Cathodic surface casing size: 10" inches

Cathodic surface casing centralizers set at depths of: NONE

Cathodic surface casing will terminate at:
 Above surface Surface Vault Below Surface Vault

Pitless casing adaptor will be used: NO Yes/No at Depth N/A ft.

Anode installation depths are: PER KCC GUIDELINES

Annular space between borehole and casing will be grouted

with: Concrete Bentonite Cement

Neat cement Bentonite clay

Anode vent pipe will be set at: 10 ft. above surface

Anode conductor (backfill) material TYPE: COKE BREEZE OR

approved equivalent

Depth to BASE of Backfill installation material: 176' 130'

Depth to TOP of Backfill installation material: 25

NOTE:

MAXIMUM TOTAL DEPTH (TD) = 130'
BORING TOTAL DEPTH MUST BE A MINIMUM OF 20'
ABOVE THE TOP OF WATER.
TOTAL DEPTH MUST BE REDUCED IF GROUNDWATER IS ENCOUNTERED

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 and again before plugging well;
2. A copy of the approved notice of intent to drill shall be posted on each drilling rig;
3. The minimum amount of cathodic surface casing as specified below shall be set by grouting the top.
4. An agreement between the operator and the district office on plugs and placement is necessary prior to plugging;
5. The appropriate district office will be notified before well is either plugged or casing is grouted in;
6. 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: April 22, 2005 Signature of Operator or Agent: Toni Holliman Title: ENERGY ANALYST

Non-Aquifer
Completion
Do not Drill
Below Groundwater.

FOR KCC USE:
 API # 15- 189-22489-0000 Alt-3
 Conductor pipe required NONE feet
 Minimum cathodic surface casing required 20 feet
 Approved by: RJP 4-26-05
 This authorization expires: 10-26-05
 (This authorization void if drilling not started within
 6 months of effective date.)
 Spud date: _____ Agent: _____

REMEMBER TO:

- File Drill Pit Application (form CDP-1) with Intent to Install;
- File Completion Form CB-2 within 30 days of spud date;
- Notify appropriate district office 48 hours prior to workover or re-entry;
- Submit plugging report (CP-4), within 30 days after plugging is completed.

RECEIVED
APR 25 2005
KCC WICHITA

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

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

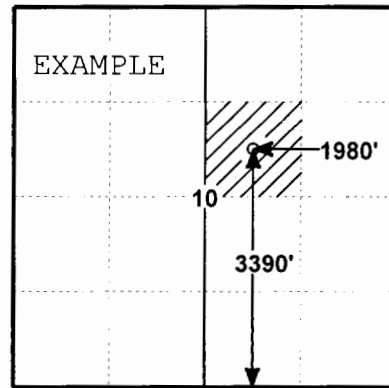
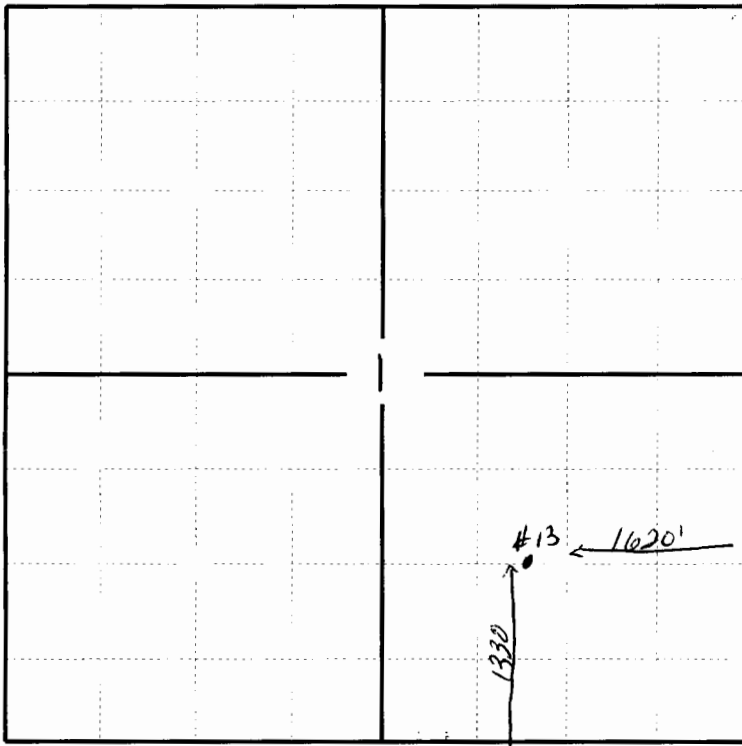
API NO. 15- _____
 OPERATOR PIONEER NATURAL RESOURCES USA, INC. LOCATION OF WELL: COUNTY STEVENS
 LEASE RECTIFIER 1330 FSL feet south/north line of section
 WELL NUMBER 13 1620 FEL feet east/west line of section
 FACILITY NAME MTR GATHERING SYSTEM SECTION 1 TWP 31S RG 38W

SPOT: QTR/QTR/QTR/QTR OF ACREAGE
SE - NW - SE -

IS SECTION X 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 nearest lease, unit or outside section boundary line)



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.
- 2) 1 section, 1 section with 8 surrounding sections, 4 sections, etc.;
the distance of the proposed drilling location from the section's south/north and
- 3) east/west; and