

CORRECTED

FORM CB-1 12/93
FORM MUST BE TYPED
FORM MUST BE SIGNED
ALL BLANKS MUST BE FILLED IN

FOR KCC USE:

EFFECTIVE DATE: 10-22-05 State of Kansas
DISTRICT # 1 CATHODIC PROTECTION BOREHOLE INTENT
SGA? Yes / No Must be approved by the K.C.C. sixty (60) days prior to commencing well.

Expected Spud (Starting) Date 10-31-05
month day year
OPERATOR: License # 32782

Name: Duke Energy Field Services
Address: Post Office Box 189
City/State/Zip: Forgan, OK 73938
Contact Person: Larry Busby
Phone: (620) 482-3752

CONTRACTOR: License #: 32775
Name: McLean's C.P. Installation, Inc.
Type Drilling Equipment: Mud Rotary Cable
 Air Rotary Other

CONSTRUCTION FEATURES

Length of Cathodic Surface (Non-Metallic) Casing
Planned to be set: 20' ft.
Length of Conductor pipe (if any?): ft.
Size of the borehole (I.D.): 17 1/2" - 20" - 10" - 180"
Cathodic surface casing size: 1.0" inches
Cathodic surface casing centralizers set at depths of: 20';
 ;
 ;

Cathodic surface casing will terminate at:
 Above surface Surface Vault Below Surface Vault
Pitless casing adaptor will be used: Yes No at Depth ft.
Anode installation depths are: 188', 168', 148', 128';
108';
NON-AQUIFER COMPLETION, BASE OF BORING MUST BE
A MINIMUM OF 20 FEET ABOVE TOP OF GROUNDWATER (GW)
DO NOT PENETRATE TOP OF GW IF GW IS ENCOUNTERED
THE BASE OF THE BORING MUST BE CHANGED (RJP/KCC)

Spot (Location) q/q/q
NE NE-NE-NE 20 Twp 28 S Rg 36 W X East
105' feet from South (North) line of Section
59' feet from East West line of Section
(Circle directions from nearest outside corner boundaries)
IS SECTION X REGULAR IRREGULAR?
(Spot well on the Section Plat on Reverse Side)
County: Grant

Lease Name: Cognac NE Well #: #1
Facility Name: Cognac NE
Ground Surface Elevation: MSL
Cathodic Borehole Total Depth 200' ft.
Depth to Bedrock 2090 EST ft.

WATER INFORMATION:
Aquifer Penetration: None Single Multiple
Depth to bottom of fresh water: 140'
Depth to bottom of usable water: 1900'
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 OD csg. in inches / MWT in inches = SDR)

Annular space between borehole and casing will be grouted
with: Concrete Bentonite Cement
 Neat cement Bentonite clay
Anode vent pipe will be set at: .3 ft. above surface
Anode conductor (backfill) material TYPE: Carbo. 60
Depth to BASE of Backfill installation material: 200'
Depth to TOP of Backfill installation material: 20'

MAX TD = 200 (SEE NOTE)

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 to 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: 10-20-05 Signature of Operator or Agent: Cady Cowth Title: Officer

* API WAS:
15.065.21617000
API IS:
15.067.21617000

FOR KCC USE:
API # 15- 067-21617000A1-3
Conductor pipe required NONE feet
Minimum cathodic surface casing required 25 feet
Approved by: 2570-1705123101805
This authorization expires: 4.17.06
(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 (CB-4) within 30 days after plugging is completed.

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202-1286.

RECEIVED
KANSAS CORPORATION COMMISSION
OCT 11 2005
CONSERVATION DIVISION
WICHITA, KS