FOR KCC USE:

CORRECTION

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

EFFECTIVE DATE: 7-22-95
DISTRICT # 4
SGA? ✓ Yes ... No

State of Kansas
CATHODIC PROTECTION BOREHOLE INTENT DRAFT
Must be approved by the K.C.C. sixty (60) days prior to commencing well.

Expected Spud (Starting) Date 7 (month) 24 (day) 95 (year)

OPERATOR: License # 5952 ✓

Name: Amoco Pipeline Company
Address: P.O. Box 246
City/State/Zip: Watkins, CO 80137

Contact Person: Bob Gilmister

Phone: (303)261-0453

CONTRACTOR: License #: Will advise on ACO-1

Name: .....

Type Drilling Equipment: X Mud Rotary .... Cable .... Air Rotary .... Other

CONSTRUCTION FEATURES

Length of Cathodic Surface (Non-Metallic) Casing Planned to be set: 40 ~~20~~ ft.
Length of Conductor pipe (if any?): N/A ft.

Size of the borehole (I.D.): 14" ~~7 7/8~~ inches
Cathodic surface casing size: 7 7/8 ~~14~~ inches
Cathodic surface casing centralizers set at depths of: 20; 40; ....; ....; ....; ....; ....; ....; ....; ....;

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

Pitless casing adaptor will be used: X Yes/No at Depth 2 ft.

Anode installation depths are: 110, 120, 130, 140, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250

WAS: 39' FEL IS: 39' FWL

Spot (Location) Q/Q/Q: NW-NW-NW Sec 21 Twp 7 S, Rg 19 X West (East)
✓ 587 feet from South / North line of Section
* ✓ 39 feet from East / West line of Section
(Circle directions from nearest outside corner boundarys)
IS SECTION X REGULAR ____ IRREGULAR?
(Spot well on the Section Plat on Reverse Side)
County: Rooks

Lease Name: APL #0050 Well #: 2

Facility Name: FT. Laramie-Freeman 24"
Ground Surface Elevation: 1960' MSL.
Cathodic Borehole Total Depth 250 ft. ✓
Depth to Bedrock ..... ft.

WATER INFORMATION:
Aquifer Penetration: .... None X Single .... Multiple
Depth to bottom of fresh water: 35'
Depth to bottom of usable water: ....
Water well within one-quarter mile: ..... yes X no
Public water supply well within one mile: .... yes X no
Water Source for Drilling Operations:
.... well .... farm pond .... stream X other
Water Well Location: .....

DWR Permit #: .....
Standard Dimension Ratio (SDR) is = SCH. 40 PVC
(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 X Bentonite clay

Anode vent pipe will be set at: 4 ft. above surface

Anode conductor (backfill) material TYPE: Loresco SC-2
Depth to BASE of Backfill installation material: 250 ft.
Depth to TOP of Backfill installation material: 90 ft.

RECEIVED
STATE CORPORATION COMMISSION
JUN 1 1995

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 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: 6/6/95 Signature of Operator or Agent: [signature] Title: Corrosion Specialist

FOR KCC USE:
API # 15- 163-23264.0000
Conductor pipe required NONE feet
Minimum cathodic surface casing required 40' feet
Approved by: JK 7-17-95 / JK 7-18-95
MAXIMUM WELL DEPTH = 250'
This authorization expires: 1-17-96
(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: Conservation Division, 200 Colorado Derby Building, 202 W. First St., Wichita, Kansas 67202-1286.

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