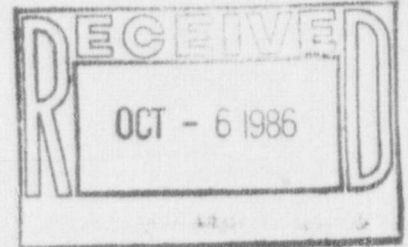




October 1, 1986



U.S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 1000  
Arlington, Texas 76011

Attn: Materials Licensing

The purpose of this letter is to apply for renewal of our Materials License # 35-19901-01 which expires November 30, 1986.

Enclosed is a \$700.00 check for the renewal fee along with documentation reflecting some changes in our management control program and facilities.

The address for American Casedhole Specialists, Inc. is correct as shown on Amendment No. 01 dated February 25, 1983.

Following is a summary of the supporting documents:

1. "Radiation Safety Manual" Section II, Pg. 1. Updates personnel on the safety committee. Lyle G. Love replaces Keith E. Moon on the committee. Also, Lyle G. Love replaces Sanford E. Stark as the Radiation Safety Officer.
2. "Radiation Safety Manual" Section II, pg. 4, paragraph A, Line 4. Changes frequency for monitoring TLD badges from monthly to quarterly.
3. "Radiation Safety Manual" Section III, figure #4. Updates our facility drawing, additional building and fencing changes.
4. "Radiation Safety Manual" Section III figure #5. Updates our radiation storage bunker drawing, one storage pit.

The above documents are submitted in duplicate. If you have any questions or need additional information, please contact me at 405-772-8133 or P.O. Box 485, Weatherford, Oklahoma 73096.

Sincerely,

John W. Dobrinski  
President

P.O. BOX 485 • 1201 LOOMIS RD.

WEATHERFORD, OK • 73096

405 • 772 • 8133

8904050180 880325  
REG4 LIC30  
35-19901-01 PNU

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## OPERATING & EMERGENCY PROCEDURES MANUAL

### OPENING STATEMENT:

This manual outlines procedures pertaining to the use and handling of radioactive materials. It is the intent of American Casedhole Specialists, Inc. to comply in every way possible with State and Federal regulations for control of radiation. Although references are made to the maximum permissible dose and our operations are such that the levels of radiation provide a low risk of exposure, we will follow procedures and practices that will maintain doses to individuals as low as is reasonably achievable.

To insure compliance with all regulations, a safety committee will be formed consisting of:

Sanford E. Stark  
John W. Dobrinski  
Lyle G. Love, Radiation Safety Officer

The function of this safety committee will be to meet regularly and review American Casedhole Specialists, Inc.'s safety procedures and policy, and to be made aware of any discrepancies which exist. Our health physics program will be reviewed on a regular basis and upgraded as it pertains to exposure, and new programs will be implemented if determined that improvement can be made.

It is the intent of American Casedhole Specialists, Inc. to minimize safety problems and non-compliance problems, to minimize hazards to employees, and to insure that all company personnel are committed to a safe and proficient safety program. We will make every effort to inform and train our employees in the proper use and handling of radioactive materials. We will provide appropriate survey equipment and personnel monitoring devices for the protection of our employees. We will also have available at our facility and on our logging vehicles fire extinguishers first aid kits and decontamination kits. These decontamination kits will contain the following items:

1. Absorbent napkins.
2. Plastic bags.
3. Disposable rubber gloves and boots.
4. Wipe swabs.
5. Small vial potassium solution - 10% per volume.
6. Barrier rope with attached warning signs.
7. Small bar industrial soap.
8. Appropriately designed face mask.

The only tracers used in our logging operations will be Iodine 131 and Iridium 192. Maximum allowable radioactive material in one vial is 40 millicuries. At no time will cutting techniques be practiced by company employees anywhere within our operations. For convenience sake, the term "company" will indicate our licensed stations. The following will give specific procedures.

Revised (10-1-86)

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## 11. RADIATION SAFETY AND MONITORING DEVICES

### A. TLD Badges: (Thermoluminescent Dosimeter)

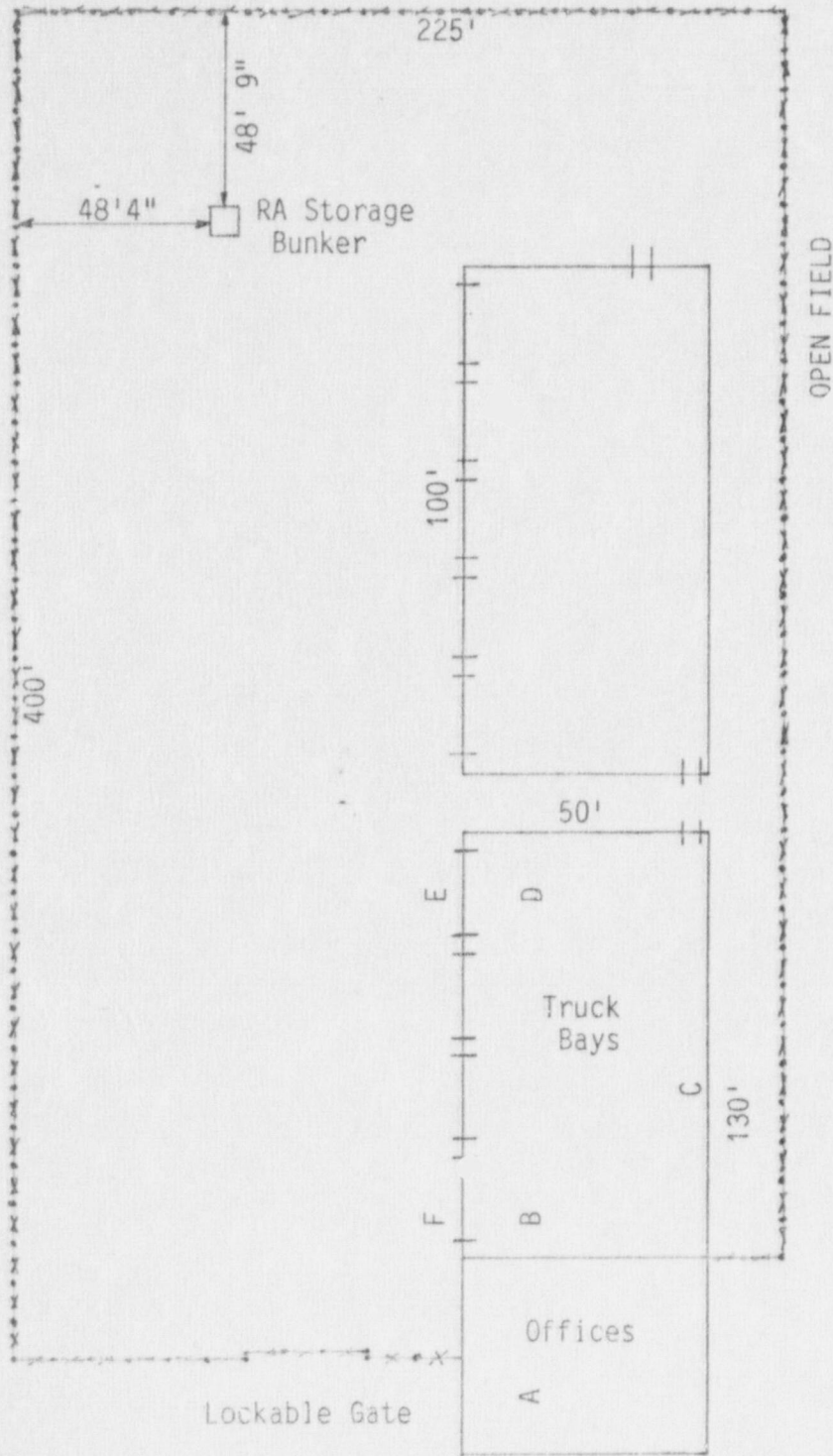
1. A TLD badge will be assigned by name and number to each employee working with radioactive materials. Under NO circumstances will an employee be permitted to use a TLD badge other than his own.
2. The Radiation Safety Officer will be responsible for the distribution of the TLD badges and the procedures governing their use. Care should be taken to prevent exposure of TLD badges to environmental conditions which involve excessive heat or moisture as such exposure will impair the ability of the badges to measure radiation dosage.
3. TLD badges will be worn attached to clothing in the trunk area of the body during all operations which involve possible exposure to radiation.
4. TLD badges will be returned to the Radiation Safety Officer, or his designated representative, at the end of the control period for the badge. (quarterly)
5. TLD badge reports will be kept up-to-date by the Radiation Safety Officer. These reports will become a part of each employee's personnel record by means of an individual exposure report which will be maintained on a quarterly basis by the R.S.O. Each person to whom a TLD badge is assigned will be informed of his total radiation exposure upon request or within thirty (30) days after termination.

### B. SURVEY METERS:

1. A radiation survey meter shall be carried on each vehicle used for transportation of radioactive materials. Survey meters used shall be sensitive to gamma radiation.
2. One or more operable radiation survey meters will be kept at the base facility as a spare and for emergency use.
3. A job site survey must be made before and after each operation using radioactive materials. (Ref: Figure #6) A record of each survey will be kept in the company's survey file.
4. A calibration check shall be performed on each radiation survey meter at six months intervals and after repair. The calibration check shall consist of testing the survey meter at two points other than zero, on each scale using a radiation source of known output. The calibration will be performed by a State or Federally approved survey meter calibration service company. A written record of this calibration will be kept by the R.S.O. in the company's survey file.



# FACILITY DRAWING MONTHLY FACILITY SURVEY



## SURVEY METER INFO:

Make: \_\_\_\_\_

Model: \_\_\_\_\_

Serial #: \_\_\_\_\_

Date of Calibration: \_\_\_\_\_

INSPECTED BY: \_\_\_\_\_

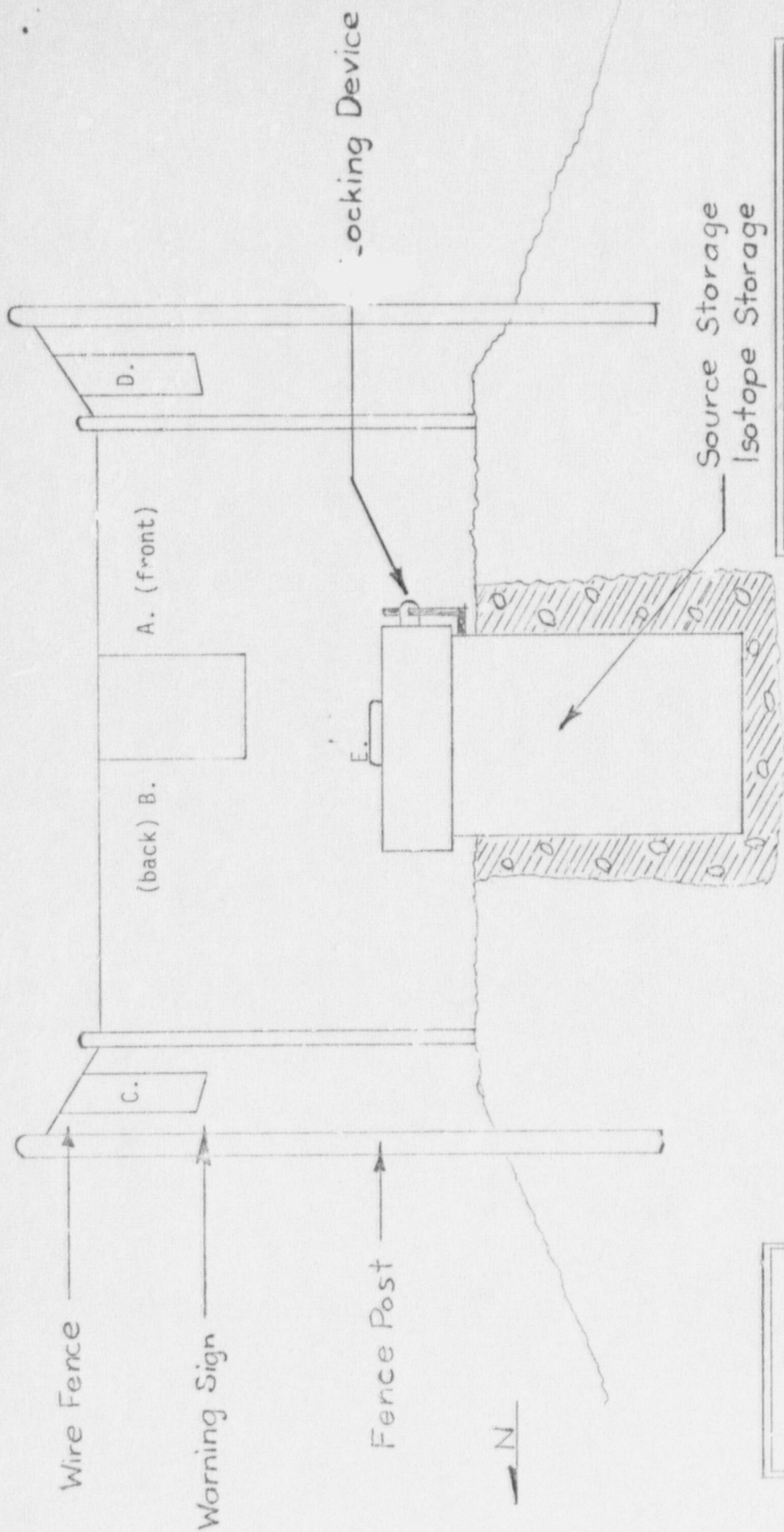
DATE: \_\_\_\_\_

## SURVEYS

	MR/HR
A	
B	
C	
D	
E	
F	

LOOMIS ROAD

AMERICAN CASEHOLE SPECIALISTS, INC.  
1201 Loomis Road  
Weatherford, Oklahoma 73096



A.	MR/hr
B.	MR/hr
C.	MR/hr
D.	MR/hr
E.	MR/hr

Survey Meter:	_____
Serial Number:	_____
Calibration Date:	_____
Inspected By:	_____
Date:	_____

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