IN REPLY REFER TO: IEB:NB (LIC 42-143-2)

> Oak Ridge, Tennassee April 19, 1956

Mr. Harold H. Hammen Research and Development Department American Oil Company (Texas) Texas City, Texas

Subject: LICENSE NO. 42-143-2

Dear Mr. Hammen:

Enclosed is License No. 42-143-2 issued against your recent request for byproduct material.

This license supersedes License No. 42-143-1 dated March 26, 1956. License 42-143-1 is no longer valid and the copies of this license should be destroyed or, preferably, returned to this office.

Very truly yours,

for:

Lester R. Rogers Chief, Byproduct Licensing Branch Isotopes Extension Division of Civilian Application

Encls.: 1. Form AEC-374 2. Application forms w/instructions & regulations

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2	SURNAME 🕨 DATE Þ	Bassin:bp 4-19-56	4-19-56					
Form AEC-318 (Rev. 9-53)			U. S. GOVER	NMENT PRIMTING OFFICE	16-62761-3		here and a second se	



## U. C ATOMIC ENERGY COMMISSION

Pursuant to the Atomic Energy Act of 1954 and Title 10, Code of Federal Regulations, Chapter 1, Part 30, Licensing of Byproduct Material, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, possess, transfer and import byproduct material listed below; and to use such byproduct material for the purpose (s) and at the place (s) designated below. This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, and is subject to all applicable rules, regulations, and orders of the Atomic Energy Commission now or hereafter in effect and to any conditions specified below.

Licensee						
l. Name American Oil Comp Research & Develo		3. License number 42–143–2 4. Expiration date				
2. Address Texas City, Texas	•					
Attn: Harold H. Hammon		March 31, 1958 5. Reference No.				
Augus haivis he headedt						
			42-143-1			
6. Byproduct material (element and mass number)	7. Chemical and/or	physical form 8. Maximum amount of radioactivity which licensee may possess at any one time				
Carbon 14 Krypton 85	A <b>ny</b> Gas		20 millicuries 1000 millicuries			
9. Authorized use		······································	en e			
	CONDIT authorized place of use is	the licensee's ad	dress stated in Item 2 above.; and the the individual named above.			
nergy Commission's propose ederal Register, July 16, r revisions thereof become sction 20.24(f) of said st	to be used in prod provided the licens d standards for pro 1955 (10-CFR-20), u effective regulati andards, labeling s test tubes, used t , _ helule low and survey of	lucts for commented by the shall component on again intil such time ons of the commentation of the comment	hercial distribution. Ally with provisions of the Atomic ast radiation as published in the he as said proposed regulations munission. Notwithstanding, required for laboratory containers a laboratory procedures during $ext \neq 2 - 10 - 27 - 36 \rightarrow 33$ $ext \neq 3 - 2/13/57$ KMA $x \neq 4 - 36 - 58$ YMM			
DateApril 19, 1956		For the U.S.	Atomic Energy Commission			
		for:	Director, Isotopes Extension Division of Civilian Application			
F-/YNE			Oak Ri <b>dge,</b> Tennessee			