# **New Mexico Oil & Gas Association**

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May 25, 1995

RECEIVED

Mr. William J. LeMay, Chairman Oil Conservation Commission 2040 South Pacheco Santa Fe, New Mexico 87505

MAY 2 5 1995

Oil Conservation Division

RE NMOCC Case 11216 - NMOCD Rule 711 Changes Commercial Surface Waste Disposal Facilities

Dear Mr. LeMay:

Thank you for the opportunity to submit post-hearing comments on the proposed changes to NMOCD Rule 711, which was heard by the Commission on May 11. The New Mexico Oil & Gas Association (NMOGA) would also like to compliment OCD Environmental Bureau Chief Roger Anderson and the Rule 711 Task Force for undertaking this difficult task and providing such a comprehensive document for our review and comment.

NMOGA fully supports the draft language outlined by Mr. Anderson at the May 11 hearing, with the exception of Sections A.3.b., g. and h., B.3, B.4, C.4.aand E.4. The consensus changes supported by Mr. Anderson May 11 have been included in the attached draft. NMOGA's suggested language changes are also shown in the attached draft and are intended to provide the agency and the regulated community with a regulation that will ease enforcement and compliance.

<u>Section A.3.b.</u> as proposed would allow an exemption from the "centralized" definition for facilities that receive less than 16 barrels of exempt liquid waste per day. However, 16 barrels in unnecessarily restrictive, and a more realistic volume would be 50 barrels per day.

<u>Section 3. g. And h.</u> add an exemption from the "centralized" definition for pit remediations already falling under Commission Order No. 7940-C, and an exemption for facilities that are shown by the operator not to show a risk to public health and the environment.

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<u>Section B.3.</u> as proposed would greatly increase the amount of bonding required in many cases, to the extent that such bonding may be impossible for an operator to obtain and imposing unnecessary economic hardship. Our deletions in this section would limit bonding to \$25,000 in a form approved by the Director.

We further recommend that bonding requirements be the subject of a task force study before such sweeping and far-reaching changes are made.

<u>Section B.4</u> as proposed would provide several vehicles for financial assurance and bonding, based on the language in B.3. that would greatly increase the amounts of bonding required. Without alternatives to cash or surety bonds, such large amounts may be impossible to obtain and create an economic hardship.

We recommend that a task force to study bonding requirements also study alternatives that might be suitable before such language is adopted.

<u>Section C.4.a.</u> as proposed would require generator certification of exempt oilfield wastes. Since these wastes are exempt, such certification seems to be unnecessary and cumbersome. Most operators have a waste tracking system in place for such disposal. Those who do not may request a generic waste tracking program that has been developed by Texaco and provided to NMOGA for distribution (copies attached). Therefore, we recommend this subsection be deleted.

<u>Section E.4.</u> deletes language tied to increased bonding requirements.

We appreciate the Commission's consideration of these important issues. If you have questions, or if we may be of service, please don't hesitate to contact me.

Sincerely,

Suld Indrews
Ruth Andrews

Director

# May 11, 1995 CONSENSUS DRAFT

(Underlined or stricken language reflects additional changes that NMOGA witnesses requested at the May 11 hearing)

### RULE 711 - SURFACE WASTE MANAGEMENT FACILITIES

- A. A surface waste management facility is defined as any facility that receives for collection, disposal, evaporation, remediation, reclamation, treatment or storage any produced water, drilling fluids, drill cuttings, completion fluids, contaminated soils, Bottom Sediment & Water (BS&W), tank bottoms, waste oil or, upon written approval by the Division, other oil field related waste.
  - 1. A commercial facility is defined as any waste management facility that receives compensation for waste management unless the facility is operating under a joint operating agreement.
  - 2. A centralized facility is defined as a waste management facility other than a commercial facility that is:
    - a. used exclusively by one owner or operator; or
    - b. used by more than one operator under an operating agreement and which receives wastes that are generated from two or more production units or areas or from a set of jointly owned or operated leases.
  - 3. Waste management facilities exempt from the "centralized" definition are:
    - a. facilities that receive wastes from a single well;
    - b. facilities that receive less than 16 50 barrels of exempt liquid waste per day or have a capacity to hold 500 barrels of liquids or less or 1400 cubic yards of solids or less;
    - c. underground injection wells subject to regulation by the Division pursuant to the federal Safe Drinking Water Act;

- d. facilities, such as tank only facilities, that do not manage oil-field wastes on the ground in pits, ponds, below grade tanks or land application units;
- e. emergency pits that are designed to capture fluids during an emergency upset period only and provided such fluids will be removed from the pit within twenty-four (24) hours from introduction;
- f. facilities subject to Water Quality Control Commission regulations;
- g. pits that are being remediated or closed onsite pursuant to Commission Order No. 7940-C:
- h. Facilities that do not meet the requirements of the foregong exemptions in Section A.3., but are shown by the operator not to present a risk to public health and the environment.
- B. Facilities in operation on the effective date of this rule are subject to the requirements in section E. Prior to construction or major modification of any facility after the effective date of this rule a permit must be obtained from the Division in accordance with the following requirements:
- 1. An application, Form C-137, for a permit for a new facility or to modify an existing facility shall be filed in DUPLICATE with the Santa Fe Office of the Division and ONE COPY with the appropriate Division district office. The application shall comply with Division guidelines and shall include:
  - a. The names and addresses of the applicant and all principal officers of the business if different from the applicant;
  - b. A plat and topographic map showing the location of the facility in relation to governmental surveys (1/4 1/4 section, township, and range), highways or roads giving access to the facility site, watercourses, water sources, and dwellings within one (1) mile of the site;
  - c. The names and addresses of the surface owners of the real property on which the management facility is sited and surface owners of the real property of record within one (1) mile of

the site;

- d. A description of the facility with a diagram indicating location of fences and cattle guards, and detailed construction/installation diagrams of any pits, liners, dikes, piping, sprayers, and tanks on the facility;
- e. A plan for management of approved wastes.
- f. A contingency plan for reporting and cleanup of spills or releases;
- g. A routine inspection and maintenance plan to ensure permit compliance;
- h. A Hydrogen Sulfide (H<sub>2</sub>S) Prevention and Contingency Plan to protect public health;
- i. A closure plan including a cost estimate sufficient to close the facility to protect public health and the environment;
- j. Geological/hydrological evidence, including depth to and quality of groundwater beneath the site, demonstrating that disposal of oil field wastes will not adversely impact fresh water;
- k. Proof that the notice requirements of this Rule have been met;
- 1. Certification by an authorized representative of the applicant that information submitted in the application is true, accurate, and complete to the best of the applicant's knowledge; and
- m. Such other information as is necessary to demonstrate that the operation of the facility will not adversely impact public health or the environment and that the facility will be in compliance with OCD rules and orders.

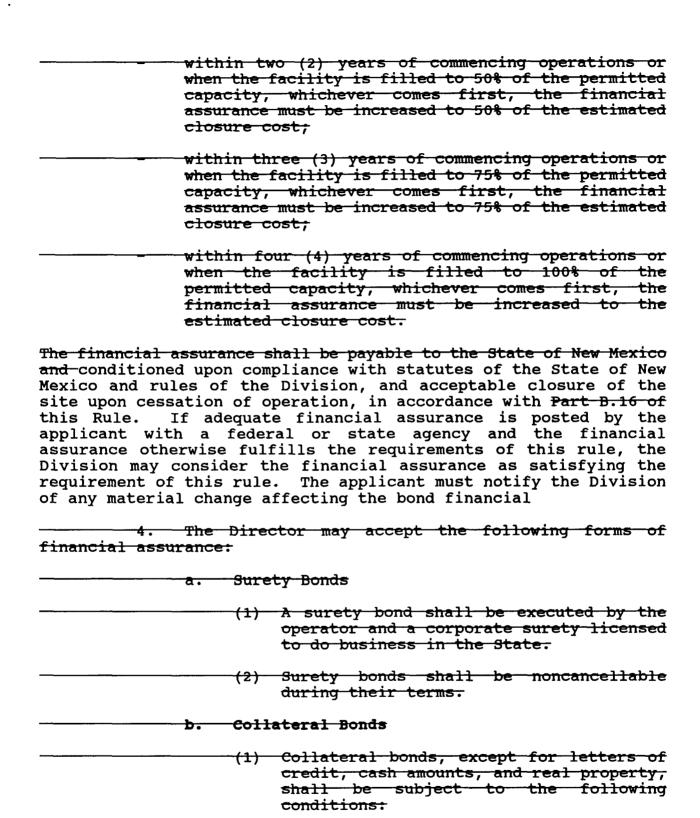
### 2. Notice Requirements

a. Prior to public notice, the applicant shall give written notice of application to the surface owners of record within one (1) mile of the facility, the county commission where the facility is located or is proposed to be located, and the appropriate city official(s)

if the facility is located or proposed to be located within city limits or within one (1) mile of the city limits. The distance requirements for notice may be extended by the Director if the Director determines potential proposed facility has the adversely impact public health or the environment at a distance greater than one (1) mile. The Director may require additional notice as needed. A copy and proof of such notice will be furnished to the Division.

- b. The applicant will issue public notice in a form approved by the Division in a newspaper of general circulation in the county in which the facility is to be located. For permit modifications, the Division may require the applicant to issue public notice and give written notice as above.
- c. Any person seeking to comment or request a public hearing on such application must file comments or hearing requests with the Division within 30 days of the date of public notice. Requests for a public hearing must be in writing to the Director and shall set forth the reasons why a hearing should be held. A public hearing shall be held if the Director determines there is significant public interest.
- d. The Division will distribute notice of the filing of an application for a new facility or major modifications with the next OCD and OCC hearing docket following receipt of the application.
- 3. Upon determination by the Director that the permit is approvable, all waste management facilities shall have financial assurance in the amount of the closure cost estimate or \$25,000, whichever is less, in a form approved by the Director. Before the end of the fourth year of operations, all waste management facilities will have financial assurance in the amount of the closure cost estimated in B.1.i. above according to the following schedule:

within one (1) year of commencing operations or when the facility is filled to 25% of the permitted capacity, whichever comes first, the financial assurance must be increased to 25% of the estimated closure cost;



(a) The Director shall keep custody of collateral deposited by the applicant until authorized for

release or replacement as provided

# in this section.

	(h)	mb. Discoper shall seeles sallabasel
	<del>(b)</del>	The Director shall value collateral at its current market value, not at face value.
	<del>(c)</del>	The Director shall require that
	(0)	certificates of deposit be made payable to or assigned to the State of New Mexico, both in writing and upon the records of the bank issuing the certificates. If assigned, the Director shall require the banks issuing these certificates to waive
		all rights of setoff or liens against those certificates.
	<del>(d)</del>	The Director shall not accept an individual certificate of deposit in an amount in excess of \$100,000 or the maximum insurable amount as determined by the Federal Deposit Insurance corporation or the Federal Savings and Loan Insurance Corporation.
(2)		er of credit shall be subject to the
	foll	owing conditions:
	<del>(a)</del>	The letter may be issued only by a bank organized or authorized to do business in the United States;
	<del>(b)</del>	Letters of credit shall be irrevocable during their terms. A letter of credit used as security in areas requiring continuous financial assurance coverage shall be forfeited and shall be collected by the State of New Mexico if not replaced by other suitable financial assurance or letter of credit at least 30 days before its expiration date.
	<del>(c)</del>	The letter of credit shall be payable to the State of New Mexico upon demand, in part or in full, upon receipt from the Director of a notice of forfeiture.
<del>(3)</del>	Real	property posted as a collateral bond

# shall meet the following conditions:

(a)	The applicant shall grant the State of New Mexico a first mortgage, first deed of trust, or perfected first-lien security interest in real property with a right to sell in accordance with state law or otherwise dispose of the property in the event of forfeiture.
(b)	In order for the Director to evaluate the adequacy of the real property offered to satisfy collateral requirements, the applicant shall submit the following:
	i) a description of the property;
	ii) the fair market value as determined by an independent appraisal conducted by a qualified appraiser, previously approved by the Director; and
	iii) proof of possession and title to the real property.
	accounts shall be subject to the owing conditions:
(a)	The Director may authorize the operator to supplement the financial assurance through the establishment of a cash account in one or more federally insured or equivalently protected accounts made payable upon demand to, or deposited directly with, the State of New Mexico.
(b)	Any interest paid on a cash account shall be retained in the account and applied to the account unless the Director has approved the payment of interest to the permittee.
<del>(c)</del>	Certificates of deposit may be substituted for a cash account with the approval of the Director.
(5) If t	he nature of the collateral proposed

to be given as security for financial assurance is subject to fluctuations in value over time, the Director shall require that such collateral have a fair market value at the time of permit approval in excess of the required financial assurance amount by reasonable margin. The amount of such margin shall reflect changes in value anticipated as probable of occurrence over a period of five years, including depreciation, appreciation, marketability and market fluctuation. In any event, the Director shall require a margin for legal fees and costs of disposition of the collateral.

- (6) An annual report shall report percentage changes in the fair market value of any collateral accepted by the Director pursuant to this section since the time of the last report.
- (7) The value of collateral may be evaluated at any time but it shall be evaluated as part of permit review and, if necessary, the financial assurance amount increased or decreased. In no case shall the financial assurance amount of collateral exceed the market value.
- (8) Persons with an interest in collateral posted as financial assurance, and who desire notification of actions pursuant to the financial assurance, shall request the notification in writing to the Director at the time collateral is offered.

### c. Self-bonding

- (1) The Director may accept a self-bond from an applicant for a permit if all of the following conditions are met annually by the applicant, or its parent corporation guarantor, or a separate guarantor:
  - (a) the applicant designates a suitable agent to receive service of process in the State.
  - (b) the applicant has been in continuous

business was conducted over a period of 5 years immediately preceding the time of application. The Director may allow a joint venture or syndicate with less than 5 years of continuous operation to qualify under this requirement, if each member of the joint venture or syndicate has been in continuous operation for at least 5 years immediately preceding the time of application. ii) When calculating the period of continuous operation, the Director may exclude past periods of interruption to the operation of the business entity that were beyond the applicant's control and that do not affect the applicant's likelihood of remaining in business during the life of the facility. The applicant submits financial information in sufficient detail to show that the applicant meets one of the following criteria: the applicant has a current rating for its most recent bond insurance of "A" or higher as issued by either Moody's Investor Service or Standard and Poor's Corporation; the applicant has a tangible <del>ii)</del> net worth of at least \$10 million, a ratio of total liabilities to net worth of 2.5 times or less, and a ratio of current assets to current liabilities of 1.2 times or greater; or iii) the applicant's fixed assets in

operation as a business entity for a period of not less than 5 years. Continuous operation shall mean that

the United States total at least \$20 million, and the applicant has a ratio of total liabilities to net worth of 2.5 times or less, and a ratio of current assets to current liabilities of 1.2 times or greater.

- (d) The applicant submits:
  - i) financial statements for the most recently completed fiscal year accompanied by a report prepared by an independent certified public accountant in conformity with generally accepted accounting principles and containing the accountant's audit opinion or review opinion of the financial statements with no adverse opinion;
  - ii) unaudited financial statements for completed quarters in the current fiscal year; and
  - iii) additional unaudited information as requested by the Director.
- (2) The Director may accept a written guarantee for an applicant's self-bond from a parent corporation guarantor or a separate guarantor, if the guarantor meets the conditions of c(1)(a) through c(1)(d) of this Section as if it were the applicant. Such a written guarantee shall be referred to as a "corporate guarantee". The terms of the corporate guarantee shall provide for the following:
  - (a) If the applicant fails to complete the reclamation plan, the guarantor shall do so or the guarantor shall be liable under the indemnity agreement to provide funds to the State of New Mexico sufficient to complete the closure plan, but not to exceed the bond amount.

The corporate quarantee shall remain in force unless the quarantor sends notice of cancellation by certified mail to the applicant and to the Director at least 90 days in advance of the cancellation date, and the Director accepts the cancellation. (c) The cancellation may be accepted by the Director if the applicant obtains suitable replacement bond before the cancellation date, or if the lands for which the self-bond, or portion thereof, was accepted have not been disturbed. (3) For the Director to accept an applicant's self-bond, the total amount of the outstanding and proposed self-bonds of the applicant shall not exceed 25 percent of the applicant's tangible net worth in the United States. For the Director to accept a corporate quarantee, the total amount of the corporate quarantor's present and proposed self-bonds and guaranteed self-bonds shall not exceed 25 percent of the guarantor's tangible net worth in the United States. (4) If the Director accepts an applicant's self-bond, an indemnity agreement shall be submitted subject to the following requirements: (a) The indemnity agreement shall be executed by all persons and parties who are to be bound by it, including the corporate guarantor, and shall bind each jointly and severally. Corporations applying for a selfbond, and parent and non-parent corporations quaranteeing applicant's self-bond shall submit an indemnity agreement signed by two corporate officers who are authorized <del>-bind-</del> <del>to </del> A copy of such corporations. authorization shall be provided to the Director along with an affidavit certifying that such an agreement is valid under all applicable Federal

and State laws. In addition, the guarantor shall provide a copy of the corporate authorization demonstrating that the corporation may quarantee the self-bond and execute the indemnity agreement. If the applicant is a partnership, joint venture or syndicate, the agreement shall bind each partner or party who has a beneficial interest, directly or indirectly, in the applicant. (d) The applicant or corporate guarantor shall be required to complete the approved closure plan for the lands in default or to pay to the State of New Mexico an amount necessary to complete the approved closure plan, not to exceed the bond amount. (5) The Director may require self-bonded applicants and corporate guarantors to submit an update of the information required under paragraphs c(1)(c) and c(1)(d) of this Section within 90 days after the close of each fiscal year following the issuance of the self-bond or corporate guarantee. Replacement of financial assurances. (1) The Director may allow a permittee to replace existing financial assurances with other financial assurances that provide equivalent coverage. The Director shall not release existing financial assurances until the permittee has submitted, and the Director has

5. A permit may be denied, revoked or additional requirements imposed by a written finding by the Director that a permittee has a history of failure to comply with Division rules and orders and state or federal environmental laws.

approved, acceptable replacements.

6. The Director may, for protection of public health and the environment, impose additional requirements such as setbacks from an existing occupied structure.

7. The Director of the Division may issue a permit upon a finding that an acceptable application has been filed and that the conditions of part 2 and 3 above have been met. All permits are revocable upon showing of good cause after notice and, if requested. Permits shall be reviewed a minimum of once every five (5) years for compliance with state statutes, Division rules and permit requirements and conditions.

## C. Operational requirements

- 1. All surface waste management facility permittees shall file forms C-117-A, C-118, and C-120-A as required by OCD rules.
- 2. Facilities permitted as treating plants will not accept sediment oil, tank bottoms and other miscellaneous hydrocarbons for processing unless accompanied by an approved Form C-117A or C-138.
- 3. Facilities will only accept oil-field related wastes except as provided in C.4.c. below. Wastes which are determined to be RCRA Subtitle C hazardous wastes by either listing or characteristic testing will not be accepted at a permitted facility.
- 4. The permittee shall require the following documentation for accepting wastes, other than wastes returned from the wellbore in the normal course of well operations such as produced water and spent treating fluids, at commercial waste management facilities:
  - a. Exempt Oilfield Wastes: A "Certification of Waste Status" signed by the generator certifying that the wastes are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C regulations; and not mixed with non-exempt wastes.
  - a.b. Non-exempt, Non-hazardous Oilfield Wastes: Prior to acceptance, a "Request For Approval To Accept Solid Waste", OCD Form C-138, accompanied by acceptable documentation to determine that the waste is non-hazardous shall be submitted to the appropriate District office. Acceptance will be on a case-by-case basis after approval from the Division's Santa Fe office.
  - b.c. Non-oilfield Wastes: Non-oilfield wastes may be accepted in an emergency if ordered by the

Department of Pubic Safety. Prior to acceptance, a "Request To Accept Solid Waste", OCD Form C-138 accompanied by the Department of Public Safety order will be submitted to the appropriate Division's Santa Fe office.

- 5. The permittee of a commercial facility shall maintain for inspection the records for each calendar month on the generator, location, volume and type of waste, date of disposal, and hauling company that disposes of fluids or material in their facility. Records shall be maintained as required in Rule 1100.C.
- 6. Disposal at a facility shall occur only when an attendant is on duty unless loads can be monitored or otherwise isolated for inspection before disposal. The facility shall be secured to prevent unauthorized disposal when no attendant is present.
- 7. No produced water shall be received at the facility from motor vehicles unless the transporter has a valid Form C-133, Authorization to Move Produced Water, on file with the Division.
- 8. To protect migratory birds, all tanks exceeding 16 feet in diameter, and exposed pits and ponds shall be screened, netted or covered. Upon written application by the permittee, an exception to screening, netting or covering of a facility may be granted by the district supervisor upon a showing that an alternative method will protect migratory birds or that the facility is not hazardous to migratory birds.

### All facilities will be fenced.

10. A permit may not be transferred without the prior written approval of the Director. Until such transfer is approved by the Director and the required financial assurance is in place, the transferor's financial assurance will not be released.

### D. Facility closure

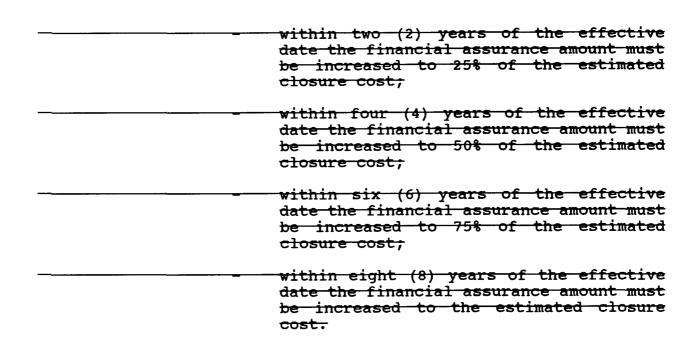
1. The permittee shall notify the Division thirty (30) days prior to its intent to cease accepting wastes and close the facility. The permittee shall then begin closure operations unless an extension of time is granted by the Director. Closure shall be in accordance with the approved closure plan and any modifications or additional requirements imposed by the Director to protect public health and the environment. At all times the permittee must maintain the facility to protect public health and the environment. Prior to release of the financial assurance covering the facility,

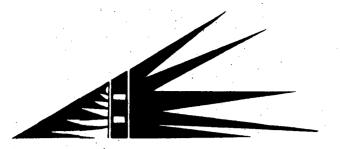
the Division will inspect the site to determine that closure is complete.

- 2. If a permittee refuses or is unable to conduct operations at the facility in a manner that protects public health or the environment or refuses or is unable to conduct or complete the closure plan, the terms of the permit are not met, or the permittee defaults on the conditions under which the financial assurance was accepted, the Director shall take the following actions to forfeit all or part of the financial assurance:
  - a. Send written notice by certified mail, return receipt requested, to the permittee and the surety informing them of the decision to close the facility and to forfeit all or part of the financial assurance, including the reasons for the forfeiture and the amount to be forfeited and notifying the permittee and surety that a hearing request must be made within ten (10) days of receipt of the notice.
  - b. Advise the permittee and surety of the conditions under which the forfeiture may be avoided. Such conditions may include but are not limited to:
    - (1) An agreement by the permittee or another party to perform closure operations in accordance with the conditions of the permit, the closure plan and these Rules, and that such party has the ability to satisfy the conditions.
    - (2) The Director may allow a surety to complete closure if the surety can demonstrate an ability to complete the closure in accordance with the approved plan. No surety liability shall be released until successful completion of closure.
  - In the event forfeiture of the financial c. assurance is required by this rule, Director shall proceed to collect forfeited amount and use the funds collected from the forfeiture to complete the closure. the amount forfeited is event insufficient for closure, the permittee shall be liable for the deficiency. The Director may complete or authorize completion of closure and may recover from the permittee all reasonably incurred costs of closure and

forfeiture in excess of the amount forfeited. In the event the amount forfeited was more than the amount necessary to complete closure and all costs of forfeiture, the excess shall be returned to the party from whom it was collected.

- d. Upon showing of good cause, the Director may order immediate cessation of operations of the facility when it appears that such cessation is necessary to protect public health or the environment, or to assure compliance with Division rules and orders.
- In the event the permittee cannot fulfill the e. conditions and obligations of the permit, the State of New Mexico, its agencies, officers, employees, agents, contractors and other entities designated by the State shall have all rights of entry into, over and upon the facility property, including all necessary and convenient rights of ingress and egress with materials and equipment to all operation, termination and closure of the facility, including but not limited to the temporary storage of equipment and materials, the right to borrow or dispose of materials, and all other rights necessary for operation, termination and closure of the facility in accordance with the permit.
- E. Waste management facilities in operation at the time this rule becomes effective shall:
  - 1. within one (1) year after the effective date permitted facilities submit the information required in B.1.a, h, i and m not already on file with the Division;
  - 2. within one (1) year after the effective date unpermitted facilities submit the information required in B.1.a through j and B.1.l and m;
  - 3. within one (1) year after the effective date comply with sections C and D unless the Director grants an exemption; and
  - 4. provide financial assurance required in Section B.3. the amount of the closure cost estimated in B.1.i. according to the following schedule unless the terms of the current permit require a different schedule:





Transmitted by facsimile on May 25,01995 Reto OCD, 505-827-8177.

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# SOUTHWEST RESEARCH AND INFORMATION CENTER P.O. Box 4524 Albuquerque, NM 87106 505-262-1862

May 24, 1995.

Mr. William J. LeMay, Chairman Oil Conservation Commission 2040 South Pacheco Santa Fe, NM 87501

Re: Case No. 11143: In the Matter of the Hearing Called by the Oil Conservation Division to Amend Rule 711; Post-Hearing Comments

Dear Mr. LeMay and Members of the Commission:

I was unable to attend the hearing on May 11 because of a scheduling conflict, but would like to offer the following comments on this matter prior to the May 25 deadline.

As you know, I was a member of the OCD Rule 711 Change Committee, which developed a consensus draft amended rule (dated March 9, 1995) that was the subject of the hearing on May 11. As a Committee member, I supported that version, even though I had a few concerns about the lengthy bonding provisions and the length of time existing operators would be given to come into compliance with the new bonding provisions. On whole, the proposed amended rule greatly improves upon existing Rule 711 and expands Rule 711 in several critical areas:

- Centralized facilities of a size and function commensurate with those of commercial facilities will now be subject to the permitting, operating and closure requirements of Rule 711;
- Financial assurance will be established at levels consistent with the estimated cost of closure;
- Existing commercial and centralized facilities now permitted under Rule 711 will be required to upgrade their facilities in certain operational, closure and financial surety areas; and
- The OCD Director will have the authority to impose additional siting requirements, such as setbacks, in

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cases where facility construction will negatively affect surrounding people and land uses (subsection B.6).

These key changes address both the recommendations of the June 1994 IOGCC peer review of the OCD E&P waste management regulatory program and deficiencies in existing Rule 711, gaps that came to light in the aftermath of the closure of the Southwest Water Disposal facility near Blanco. From that view alone, the propose amended rule is worthy of the Commission's support and adoption.

Several proposed amendments to the draft amended rule came before the Commission during the May 11 hearing. I have the following comments on those proposed amendments:

Definitions of Commercial and Centralized Facilities (subsections A.1 and A.2): The proposed definition of a commercial facility clearly does not apply to facilities operated by one or more companies under an operating agreement. In fact, the wording of the definition of "centralized facility" addresses this issue directly in subsection A.2.b. What matters here is the purpose of the facility: Does it exist solely for the purpose of disposing of wastes generated by anyone who pays the operator for the privilege of waste disposal? If it does, it is a commercial facility. Or, does it exist for the sole use of a single company or for the sole use of multiple companies only under provisions of an operating agreement? If it does, it is a centralized facility. I do not believe that owners and-or operators of centralized facilities being operated under a multiparty agreement should have any fear that their facility will be deemed "commercial" simply because money changes hands among the parties to the agreement. That clearly was not the Committee's intent, and was not the intent of the IOGCC when it adopted similar definitions for commercial and centralized facilities in both its original December 1990 guidelines and its revised guidelines of May 1994. The proposed definitions of the amended rule are consistent with IOGCC guidance and should be adopted as proposed.

Exempted Facilities (subsection A.3): My goal in advocating for several of the proposed exemptions was to encourage the construction and operation of facilities that use proven pollution-prevention techniques (such as double-walled tanks and facility berming) and do not dispose or otherwise manage wastes on the ground. Those are the types of facilities which should not be burdened by extensive permitting requirements. As such, I believe that the proposed list of exemptions in subsection A.3.is adequate to cover all possible situations. I could only support an additional exemption if the operator demonstrates convincingly, to the satisfaction of the Director, that the facility will not harm fresh water, public health or the environment — the three key statutory elements which should always guide decisions of the Director. In my view, "good cause" alone is not a sufficient test for an exemption from the rule.

Financial Assurance Options (subsection B.4): I supported

the industry's objective that the amended rule should have a list of financial assurance "options" from which an operator could select, provided that the level of the assurance will be adequate to pay for the closure of the facility and eliminate, or at least greatly reduce, the state's potential financial exposure associated with having to take over a facility, as in the case of Southwest Water Disposal. I expressed some concern that the options included in the proposed amended rule were quite lengthy and difficult to understand. I also expressed reservations about self-bonding. Beyond those concerns, I do not believe that the Division has the requisite expertise to properly evaluate companygenerated financial assurance arrangements. In reaching a decision on this matter, the Commission's obligation is to balance industry's desire for flexibility with the public's and state's need to ensure that the state's financial interests are protected and that the OCD can adequately implement and enforce regulatory requirements in an era of dwindling resources.

Acceptance of Non-oilfield Wastes (subsection C.4.c.): I support the Division's proposed amendment to limit a facility's acceptance of non-oilfield wastes to only those occasions when the Division is so ordered by the Department of Public Safety.

Existing Facilities; Exemption from Operational Requirements (subsection E.3.): Certain representatives of industry advocated a broad exemption for existing facilities from the operational requirements of Section C. Again, I would support such an exemption only if the operator demonstrates, to the satisfaction of the Director, that the granting of an exemption would not harm fresh water, public health or the environment. I would caution the Commission, however, not to allow an exemption, for any reason, from a current requirement that is already applicable to an existing Rule 711 facility.

Financial Assurance Phase-In for Existing Facilities (subsection E.4): I support the Division's proposal to shorten the financial assurance phase-in period for existing facilities from two to eight years to one to four years. Four years is ample time for an existing facility to post financial assurance in an amount equal to the estimated cost of closure.

That concludes my comments on the proposed amendments to Rule 711. The Commission is congratulated for taking a proactive approach to this matter and for including non-industry perspectives on the Rule 711 Change Committee.

Sincerely,

Chris Shuey, Director

Community Water, Wastes and Toxics Program

#### STATE OF NEW MEXICO



# ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

2040 S. PACHECO SANTA FE, NEW MEXICO 87505 (505) 827-7131

May 17, 1995

Mr. William J. LeMay, Chairman New Mexico Oil Conservation Commision 2040 South Pacheco Santa Fe, NM 87505

Re: Comments on 711

Dear Chairman LeMay:

Rule 711 as it is currently written does not adequately provide the enforcement tool for the activities we have been performing in permitting and inspection. Also, it does not give clear enough direction to operators of facilities that we are regulating. Consequently we support the revision of Rule 711 as drafted with the following exceptions.

- 1. There is no real regulatory need to differentiate between 'commercial' and 'centralized' facilities. (At one time a suggestion was submitted to the effect that if we needed to differentiate, 'commercial' and 'non-commercial' should be used, but the committee didn't pursue it.) The peer review and other documents suggest that a differentiation can be made but not that it should be made. The main reason for including the differentiation in the first place was in anticipation of bonding and permitting differences, but very early in their discussions the committee rejected the idea that there was a difference in the operation, permitting, and potential environmental impact of a facility whether it was defined as 'commercial' or 'centralized'. The only difference between those facilities in the draft rule is in the reporting requirement and that can be easily handled in the permit. There was no testimony to show why such a differentiation is necessary and we recommend that it be eliminated.
- 2. There is nothing magical about the number '5' in the review period. Each facility has it's own character and problems and may be adequately regulated by fewer or more frequent reviews. To require 5 year reviews may tie our hands up with unnecessary work. The number 5 was taken from the WQCC rules and no testimony was presented why 5 is an adequate number. We recommend that the rule allow the OCD to develop criteria for scheduling periodic in-depth formal reviews for facilities. This will allow us to do more frequent reviews for environmentally critical facilities and not tie us up reviewing facilities that may need less frequent attention.

3. The issue of financial responsibility took the most time of any single issue addressed by the group. The problems we have are with the administration of the self-bonding and the quality of the self-bonding.

The ability to evaluate the financial condition of an entity using the criteria in the draft takes skills not available in the OCD and relies on the kind of financial judgement that actually has to evaluate risks to a degree appropriate only for a going concern. Financial ratios and collateral values can change overnight based on corporate decisions or financial market conditions not under the control of the operator. The premise of self-bonding often assumes that the entire organization is 'on the hook' for any problem that may arise in a facility. That premise is not valid because all the assets of an organization are already committed to each and every liability of the organization. This means that when serious financial problems arise within an organization, the citizens of New Mexico will have to take their turn in line with all other creditors. If there is going to be an evaluation of risk it should be done by professional financial analysts with a vested interest in the outcome. The quality of self-bonding is not as solid as surety bonds, cash bonds, and irrevocable letters of credit. Prior to the Artesia meeting many operators were saying that it was impossible to get a bond. At that meeting it was discovered that although larger bonds may be difficult to acquire, the main problem was the range of the premium. Yes, bonding companies and banks can and do go out of business. But if they do we can direct the operator to go to a different surety or bank.

The OCD has a duty to protect the citizens of New Mexico both environmentally and financially. The proposed self-bonding does not fulfill the financial protection adequately. We recommend financial responsibility be provided only by surety bonds, cash bonds, or irrevocable letters of credit.

Sincerely,

Frank T. Chavez, Supervisor, District III

### **RULE 711 - SURFACE WASTE MANAGEMENT FACILITIES**

- A. A surface waste management facility is defined as any facility that receives for collection, disposal, evaporation, remediation, reclamation, treatment or storage any produced water, drilling fluids, drill cuttings, completion fluids, contaminated soils, Bottom Sediment & Water (BS&W), tank bottoms, waste oil or, upon written approval by the Division, other oil field related waste.
- B. Facilities in operation on the effective date of this rule are subject to the requirements in section E. Prior to construction or major modification of any facility after the effective date of this rule a permit must be obtained from the Division in accordance with the following requirements:
- 1. An application, Form C-137, for a permit for a new facility or to modify an existing facility shall be filed in DUPLICATE with the Santa Fe Office of the Division and ONE COPY with the appropriate Division district office except for:
  - a. facilities that receive wastes from a single well;
  - b. facilities that receive less than 16 barrels of exempt liquid waste per day or have a capacity to hold 500 barrels of liquids or less or 1400 cubic yards of solids or less;
  - c. underground injection wells subject to regulation by the Division pursuant to the federal Safe Drinking Water Act;
  - d. facilities, such as tank only facilities, that do not manage oil-field wastes on the ground in pits, ponds, below grade tanks or land application units;
  - e. emergency pits that are designed to capture fluids during an emergency upset period only and provided such fluids will be removed from the pit within twenty-four (24) hours from introduction:
  - f. facilities subject to Water Quality Control Commission regulations.

. The application shall comply with Division guidelines and shall include:

g. The names and addresses of the applicant and all principal officers of the business if different from the applicant;

- h. A plat and topographic map showing the location of the facility in relation to governmental surveys (1/4 1/4 section, township, and range), highways or roads giving access to the facility site, and watercourses, water sources, and dwellings within one (1) mile of the site:
- i. The names and addresses of the surface owners of the real property on which the management facility is sited and surface owners of the real property of record within one (1) mile of the site;
- j. A description of the facility with a diagram indicating location of fences and cattle guards, and detailed construction/installation diagrams of any pits, liners, dikes, piping, sprayers, and tanks on the facility;
- k. A plan for management of approved wastes;
- 1. A contingency plan for reporting and cleanup of spills or releases;
- m. A routine inspection and maintenance plan to ensure permit compliance;
- n. A Hydrogen Sulfide (H<sub>2</sub>S) Prevention and Contingency Plan to protect public health;
- o. A closure plan including a cost estimate sufficient to close the facility to protect public health and the environment;
- p. Geological/hydrological evidence, including depth to and quality of groundwater beneath the site, demonstrating that disposal of oil field wastes will not adversely impact fresh water;
- q. Proof that the notice requirements of this Rule have been met;
- r. Certification by an authorized representative of the applicant that information submitted in the application is true, accurate, and complete to the best of the applicant's knowledge; and
- s. Such other information as is necessary to demonstrate that the operation of the facility will not adversely impact public health or the environment and that the facility will be in compliance with OCD rules and orders.

## 2. Notice Requirements

- a. Prior to public notice, the applicant shall give written notice of application to the surface owners of record within one (1) mile of the facility, the county commission where the facility is located or is proposed to be located, and the appropriate city official(s) if the facility is located or proposed to be located within city limits or within one (1) mile of the city limits. The distance requirements for notice may be extended by the Director if the Director determines the proposed facility has the potential to adversely impact public health or the environment at a distance greater than one (1) mile. The Director may require additional notice as needed. A copy and proof of such notice will be furnished to the Division.
- b. The applicant will issue public notice in a form approved by the Division in a newspaper of general circulation in the county in which the facility is to be located. For permit modifications, the Division may require the applicant to issue public notice and give written notice as above.
- c. Any person seeking to comment or request a public hearing on such application must file comments or hearing requests with the Division within 30 days of the date of public notice. Requests for a public hearing must be in writing to the Director and shall set forth the reasons why a hearing should be held. A public hearing shall be held if the Director determines there is significant public interest.
- d. The Division will distribute notice of the filing of an application for a new facility or major modifications with the next OCD and OCC hearing docket following receipt of the application.
- 3. Upon determination by the Director that the permit is approvable, all waste management facilities shall have financial assurance in the amount of the closure cost estimate or \$25,000, whichever is less, in a form approved by the Director. Before the end of the fourth year of operations, all waste management facilities will have financial assurance in the amount of the closure cost estimated in B.1.i. above according to the following schedule:
  - within one (1) year of commencing operations or when the facility is filled to 25% of the permitted capacity, whichever comes first, the financial assurance must be increased to 25% of the estimated closure cost;

- within two (2) years of commencing operations or when the facility is filled to 50% of the permitted capacity, whichever comes first, the financial assurance must be increased to 50% of the estimated closure cost:
- within three (3) years of commencing operations or when the facility is filled to 75% of the permitted capacity, whichever comes first, the financial assurance must be increased to 75% of the estimated closure cost;
- within four (4) years of commencing operations or when the facility is filled to 100% of the permitted capacity, whichever comes first, the financial assurance must be increased to the estimated closure cost.

The financial assurance shall be payable to the State of New Mexico and conditioned upon compliance with statutes of the State of New Mexico and rules of the Division, and acceptable closure of the site upon cessation of operation, in accordance with Part B.16 of this Rule. If adequate financial assurance is posted by the applicant with a federal or state agency and the financial assurance otherwise fulfills the requirements of this rule, the Division may consider the financial assurance as satisfying the requirement of this rule. The applicant must notify the Division of any material change affecting the financial assurance;

- 4. The Director may accept the following forms of financial assurance:
  - a. Surety Bonds
    - (1) A surety bond shall be executed by the operator and a corporate surety licensed to do business in the State.
    - (2) Surety bonds shall be noncancellable during their terms.
  - b. Letter of Credit
    - (1) Letter of credit shall be subject to the following conditions:
      - (a) The letter may be issued only by a bank organized or authorized to do business in the United States;
      - (b) Letters of credit shall be irrevocable during their terms. A letter of credit used as security in areas requiring continuous financial assurance coverage shall be forfeited and shall be collected by the State of New Mexico if not replaced by other suitable financial assurance or letter of credit at least 30 days before its expiration date.

(c) The letter of credit shall be payable to the State of New Mexico upon demand, in part or in full, upon receipt from the Director of a notice of forfeiture.

### c. Cash accounts:

- (a) The Director may authorize the operator to supplement the financial assurance through the establishment of a cash account in one or more federally insured or equivalently protected accounts made payable upon demand to, or deposited directly with, the State of New Mexico. These accounts shall be made in a New Mexico banking institution.
- (b) Any interest paid on a cash account shall be retained in the account and applied to the account unless the Director has approved the payment of interest to the permittee.
- (c) Certificates of deposit may be substituted for a cash account with the approval of the Director.

### d. Replacement of financial assurances.

- (1) The Director may allow a permittee to replace existing financial assurances with other financial assurances that provide equivalent coverage.
- (2) The Director shall not release existing financial assurances until the permittee has submitted, and the Director has approved, acceptable replacements.
- 5. A permit may be denied, revoked or additional requirements imposed by a written finding by the Director that a permittee has a history of failure to comply with Division rules and orders and state or federal environmental laws.
- 6. The Director may, for protection of public health and the environment, impose additional requirements such as setbacks from an existing occupied structure.

7. The Director may issue a permit upon a finding that an acceptable application has been filed and that the conditions of part 2 and 3 above have been met. All permits are revocable upon showing of good cause after notice and, if requested, hearing.

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# C. Operational requirements

- 1. All surface waste management facility permittees shall file forms C-117-A, C-118, and C-120-A as required by OCD rules.
- 2. Facilities permitted as treating plants will not accept sediment oil, tank bottoms and other miscellaneous hydrocarbons for processing unless accompanied by an approved Form C-117A or C-138.
- 3. Facilities will only accept oil-field related wastes except as provided in C.5.c. below. Wastes which are determined to be RCRA Subtitle C hazardous wastes by either listing or characteristic testing will not be accepted at a permitted facility.
- 4. Unless issued an exception in the permit, the permittee shall require the following documentation for accepting wastes, other than wastes returned from the wellbore in the normal course of well operations such as produced water and spent treating fluids:
  - a. Exempt Oilfield Wastes: A "Certification of Waste Status" signed by the generator certifying that the wastes are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C regulations; and not mixed with non-exempt wastes.
  - b. Non-exempt, Non-hazardous Oilfield Wastes: Prior to acceptance, a "Request For Approval To Accept Solid Waste", OCD Form C-138, accompanied by acceptable documentation to determine that the waste is non-hazardous shall be submitted to the appropriate District office. Acceptance will be on a case-by-case basis after approval from the Division's Santa Fe office.
  - c. Non-oilfield Wastes: Non-oilfield wastes may be accepted in an emergency if requested by another regulatory agency. Prior to acceptance, a "Request To Accept Solid Waste", OCD Form C-138 accompanied by the regulatory agency's request will be submitted to the appropriate District office. Acceptance will be on a case-by-case basis after approval from the Division's Santa Fe office.

- 5. Unless issued an exception in the permit the permittee of a facility shall maintain for inspection the records for each calendar month on the generator, location, volume and type of waste, date of disposal, and hauling company that disposes of fluids or material in their facility. Records shall be maintained as required in Rule 1100.C.
- 6. Disposal at a facility shall occur only when an attendant is on duty unless loads can be monitored or otherwise isolated for inspection before disposal. The facility shall be secured to prevent unauthorized disposal when no attendant is present.
- 7. No produced water shall be received at the facility from motor vehicles unless the transporter has a valid Form C-133, Authorization to Move Produced Water, on file with the Division.
- 8 To protect migratory birds, all tanks exceeding 16 feet in diameter, and exposed pits and ponds shall be screened, netted or covered. Upon written application by the permittee, an exception to screening, netting or covering of a facility may be granted by the district supervisor upon a showing that an alternative method will protect migratory birds or that the facility is not hazardous to migratory birds.
  - 9 All facilities will be fenced.
- A permit may not be transferred without the prior written approval of the Director. Until such transfer is approved by the Director and the required financial assurance is in place, the transferor's financial assurance will not be released.

# D. Facility closure

- 1. The permittee shall notify the Division thirty (30) days prior to its intent to cease accepting wastes and close the facility. The permittee shall then begin closure operations unless an extension of time is granted by the Director. Closure shall be in accordance with the approved closure plan and any modifications or additional requirements imposed by the Director to protect public health and the environment. At all times the permittee must maintain the facility to protect public health and the environment. Prior to release of the financial assurance covering the facility, the Division will inspect the site to determine that closure is complete.
- 2. If a permittee refuses or is unable to conduct operations at the facility in a manner that protects public health or the environment or refuses or is unable to conduct or complete the closure plan, the terms of the permit are not met, or the permittee defaults on the conditions under which the financial assurance was accepted, the Director shall take the following actions to forfeit all or part of the financial assurance:

- a. Send written notice by certified mail, return receipt requested, to the permittee and the surety informing them of the decision to close the facility and to forfeit all or part of the financial assurance, including the reasons for the forfeiture and the amount to be forfeited and notifying the permittee and surety that a hearing request must be made within ten (10) days of receipt of the notice.
- b. Advise the permittee and surety of the conditions under which the forfeiture may be avoided. Such conditions may include but are not limited to:
  - (1) An agreement by the permittee or another party to perform closure operations in accordance with the conditions of the permit, the closure plan and these Rules, and that such party has the ability to satisfy the conditions.
  - (2) The Director may allow a surety to complete closure if the surety can demonstrate an ability to complete the closure in accordance with the approved plan. No surety liability shall be released until successful completion of closure.
- c. In the event forfeiture of the financial assurance is required by this rule, the Director shall proceed to collect the forfeited amount and use the funds collected from the forfeiture to complete the closure. In the event the amount forfeited is insufficient for closure, the permittee shall be liable for the deficiency. The Director may complete or authorize completion of closure and may recover from the permittee all reasonably incurred costs of closure and forfeiture in excess of the amount forfeited. In the event the amount forfeited was more than the amount necessary to complete closure and all costs of forfeiture, the excess shall be returned to the party from whom it was collected.
- d. Upon showing of good cause, the Director may order immediate cessation of operations of the facility when it appears that such cessation is necessary to protect public health or the environment, or to assure compliance with Division rules and orders.
- e. In the event the permittee cannot fulfill the conditions and obligations of the permit, the State of New Mexico, its agencies, officers, employees, agents, contractors and other entities designated by the State shall have all rights of entry into, over and upon the facility property, including all necessary and convenient

rights of ingress and egress with all materials and equipment to conduct operation, termination and closure of the facility, including but not limited to the temporary storage of equipment and materials, the right to borrow or dispose of materials, and all other rights necessary for operation, termination and closure of the facility in accordance with the permit.

- E. Waste management facilities in operation at the time this rule becomes effective shall:
  - 1. within one (1) year after the effective date permitted facilities submit the information required in B.1.a, h, i and m not already on file with the Division;
  - 2. within one (1) year after the effective date unpermitted facilities submit the information required in B.1.a through j and B.1.l and m;
  - 3. comply with sections C and D unless the Director grants an exemption for C.9; and
  - 4. provide financial assurance required in the amount of the closure cost estimated in B.1.i. according to the following schedule unless the terms of the current permit require a different schedule:
    - within two (2) years of the effective date the financial assurance amount must be increased to 25% of the estimated closure cost;
    - within four (4) years of the effective date the financial assurance amount must be increased to 50% of the estimated closure cost;
    - within six (6) years of the effective date the financial assurance amount must be increased to 75% of the estimated closure cost;
    - within eight (8) years of the effective date the financial assurance amount must be increased to the estimated closure cost.

MONTGOMERY & ANDREWS

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May 11, 1995

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Oil Conservation Commission
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Re:

Case 11143: In the Matter of the Hearing Called by the Oil

Conservation Division to Amend Rule 711

Dear Mr. LeMay:

As a member of the 711 Rule Change Committee, I recommend that the following additions and revisions be made to the March 9, 1995 draft of Rule 711 prepared by the Oil Conservation Division:

A.3.g. pits that are being remediated or closed pursuant to Commission Order No. 7940-C;

A.3.h. facilities that do not meet the requirements of the foregoing exemptions in Section A.3., but that are shown by the operator not to present

a risk to public health and the environment.

E.3. comply with sections C and D unless the Director grants an exemption for C.9 a requirement in these sections based on a demonstration by the operator that such a requirement is not necessary to protect public

health and the environment; and

Sections A.3.g. and A.3.h. are recommended as additional exemptions to the definition of a "centralized facility". Revisions to Section E.3 are recommended to provide a standard for the granting of exemptions from the requirements of Sections C and D.

to be --

William J. LeMay, Chairman May 11, 1995 Page 2

I appreciate the Commission's consideration of these comments.

Very truly yours,

Edmund H. Kendrick

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