CASE 5782: OCC PLUGGING CASE
U. S. FRIGIDICE, INC.
FIREMAN'S FUND INDEMNITY COMPANY

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Application,

Trans cripts,

5 mall EXhibts

sid inorrish reporting service
General Court Reporting Service
25 Calle Mejis, No. 122, Sents Fe, New Mexico 87501
Phone (505) 982-9212

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NEW	MEXICO OIL CON	SERV	ATION COMMISSION
	Santa Fe,	New	Mexico
	October	13,	1976

EXAMINER HEARING

IN THE MATTER OF:

The hearing called by the OCC on its own motion to permit U. S. Frigidice, Inc., Fireman's Fund Indemnity Co. and all other interested parties to appear and show cause why the U. S. Frigidice Well No. 1, Clyde Berlier (Kayser), should not be plugged and abandoned.

BEFORE: Richard L. Stamets, Examiner

TRANSCRIPT OF HEARING

APPEARANCES

For the New Mexico Oil Conservation Commission:

Lynn Teschendorf Law Clerk for the Commission State Land Office Building Santa Fe, New Mexico

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Page

CARL ULVOG

Direct Examination by Mr. Stamets

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MR. STAMETS: We will call at this time Case 5782.

MS. TESCHENDORF: Case 5782, in the matter of the hearing called by the Oil Conservation Commission on its own motion to permit U. S. Frigidice, Inc., Fireman's Fund Indemnity Company and all other interested parties to appear and show cause why the U. S. Frigidice Well No. 1, Clyde Berlier (Kayser), located in Unit A of Section 14, Township 19 North, Range 21 East, Mora County, New Mexico, should not be plugged and abandoned in accordance with a Commissionapproved plugging program.

MR. STAMETS: Call for appearances in this case.

MR. ULVOG: Carl Ulvog, Senior Geologist for the Oil Conservation Commission here in Santa Fe.

MR. STAMETS: Okay, would you please swear the witness?

(THEREUPON, the witness was duly sworn.)

CARL ULVOG

called as a witness, having been first duly sworn, was examined and testified as follows:

DIRECT EXAMINATION

23 BY MR. STAMETS:

> Mr. Ulvog, in your position as the senior geologist with the Commission here in Santa Fe, is Commission District

Four wherein the subject well is located within the district that you are the supervisor of?

- That is correct.
- And you have appeared before the Commission before and had your qualifications on matters of well plugging and well operations within this district accepted by the Examiner?
 - That is right.
- Would you please proceed with your testimony in this case?

Yes, sir. The well in question was apparently drilled in about 1950. We have no application for the permit to drill or forms that tell us exactly when it was started, however, we do have a communication in the file which I will just quote from and it states: Whereas the undersigned is signer of approved C-101, Notice of Intention to Drill, which is in effect the permit to drill, hereinafter referred to as the permit, et cetera, et cetera, end of quotation, signed by a Paul Kayser. It is dated August 1950.

This indicates that the Oil Conservation Commission did, in fact, approve the permit to drill but I do not have a copy of that permit, nor do I have any other information telling us when it was drilled. I do not have any information in the file as regard to the casing, the depth, or any of the shows that were encountered, with the exception of correspondence from Oil and Gas Inspectors, Oil Conservation Commission

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employees, who state in correspondence, and I will quote briefly from an inspection report dated October 26th of 1951, signed by Mr. Utz, who at that time was an engineer with the Oil Conservation Commmisstion, in which he states: "This is an old well drilled by Paul Kayser several years ago and is located about one-half mile directly south of the Cox Berlier. There is a cellar approximately four by four by three which is open. The ten-inch casing is capped inside the cellar. There is a considerable amount of gas leakage blowing through the earth outside the casing. I recommend that we have this situation taken care of regardless of whether the gas is marketable or not. There is a definite petroleum odor to this gas. I suspect, however, that it is a CO-2 hydrocarbon gas mixture." Unquote.

This is an indication that there was gas produced at the well.

There is other communication from inspectors and others in the file referring to gas leaking from this well. have no information that the well was ever plugged. We do have correspondence again from this office to Mr. Kayser, dated June 9th, 1952, in which I will quote just a portion. "At my last inspection of the above-captioned well, it was leaking gas through the earth outside of the casing. Obviously this well was never properly plugged or this condition would not exist. U. S. Frigidice has apparently accepted the well

in this condition. I assume they are now liable for remedial work or proper plugging." End of quote.

That in essence is where the references to gas and so on terminates. Then on July 3rd, 1952, we received the only Oil Conservation Commission form that we have in the file, it is the only one that we have, dated, as I said, July 3rd, 1952 and it is from U. S. Frigidice referring to this well and it states: "It is the plan of U. S. Frigidice to deepen the above-described well approximately two to three hundred feet, work to begin as soon as finances are available."

That is where, essentially, the record ends, except correspondence trying to get the well plugged and so on.

I inspected this well location, excavated the cellar, and on September 21st discovered that there is, in fact, a gas well at this location. It is still equipped with the valves, reducers, nipples and so on and there is no reason to suspect that it was otherwise than a shut-in gas well when it was abandoned.

- Q So the records that the Commission has, Mr. Ulvog, don't really indicate how deep the well is, where the casing is located, whether there are any plug backs in the hole, how much it was cemented with, any of the normal well details?
- A. That is correct. There is only one reference in the entire file which refers to a ten-inch casing, but it doesn't

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say anything about the depth or anything else. From my inspection I would say that there could be a fourteen or sixteen inch casing at the surface. Well, not at the surface, but in the cellar where the gate valve — there is a large gate valve installed there which leads me to think that there would have to be about a twelve or fourteen inch casing to which the wellhead is fastened.

- Q. This well has been leaking in the past on the basis of field reports the Commission has?
 - A. That's right.
 - Q. Could it still be leaking today?
- A. That is possible. I did not discover any odor of gas, I did not attempt to open the valves or anything of the sort.
- Q If the well were allowed to remain in its current condition would gas be wasted?
 - A. It certainly could be.
 - Q Could fresh water be contaminated?
- A. Definitely. I have no reports of water having been encountered but I don't have reports of anything else either. But there is a water well less than a quarter of a mile away and it was pumping water on the day that I examined this well.
- Q. Do you have any recommendations as to action which should be taken to prevent waste or to protect fresh waters?
 - A. Well, certainly the well must be reentered to

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determine what is there, the depth, et cetera, et cetera and then unless we can determine where the casing is, where perforations are and so forth, I would recommend that it be cemented from total depth to the surface since I do not have any record of fresh water being encountered or water with the gas producing formation or the type of gas or anything

Q At this time, though, you would not recommend a specific plugging program, only that proper measures be taken to determine what a proper plugging program should be?

else, that's the only thing that I could recommend.

- A. Yes, that's right.
- Q. You would recommend that the well be plugged and abandoned in accordance with a Commission-approved plugging program?
- A. Yes, which program would of necessity have to be devised at the site at the time. Some of this pipe could probably be salvaged and so on and that's why I say I would have to work out a plugging program at the time.

MR. STAMETS: Are there any questions of the witness?
He may be excused.

(THEREUPON, the witness was excused.)

MR. STAMETS: Is there anything further in this case? The case will be taken under advisement.

REPORTER'S CERTIFICATE

I, SIDNEY F. MORRISH, a Certified Shorthand Reporter, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me, and the same is a true and correct record of the said proceedings to the best of my knowledge, skill and ability.

i do nereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 5782

Mexico 011 Conservation Commission



DIRECTOR *

JOE D. RAMEY

OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO P. O. BOX 2088 - SANTA FE 87501

LAND COMMISSIONER
PHIL R. LUCERO
October 28, 1976



U. S. Frigidice, Inc. 217 South Sixth Street Albuquerque, New Mexico

Re: CASE NO. 5782
ORDER NO. R-5300

Applicant:

OCC (U.S. Frigidice, Inc.)

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Yours very truly,

JOE D. RAMEY

Director

JDR/fd

Copy of order also sent to:

Hobbs OCC x
Artesia OCC x
Aztec OCC x

Other Fireman's Fund Indemnity Co.

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

CASE NO. 5782 Order No. R-5300

IN THE MATTER OF THE HEARING CALLED BY
THE OIL CONSERVATION COMMISSION ON ITS
OWN MOTION TO PERMIT U. S. FRIGIDICE, INC.,
FIREMAN'S FUND INDEMNITY COMPANY AND ALL OTHER
INTERESTED PARTIES TO APPEAR AND SHOW CAUSE WHY
THE U. S. FRIGIDICE WELL NO. 1, CLYDE BERLIER
(KAYSER), LOCATED IN UNIT A OF SECTION 14, TOWNSHIP
19 NORTH, RANGE 21 EAST, MORA COUNTY, NEW MEXICO,
SHOULD NOT BE PLUGGED AND ABANDONED IN ACCORDANCE
WITH A COMMISSION-APPROVED PLUGGING PROGRAM.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on October 13, 1976, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 27th day of October, 1976, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That U. S. Frigidice, Inc., is the owner and operator of the U. S. Frigidice Well No. 1, Clyde Berlier (Kayser), located in Unit A of Section 14, Township 19 North, Range 21 East, NMPM, Mora County, New Mexico.
- (3) That Fireman's Fund Indemnity Company is the surety on the Oil Conservation Commission plugging bond on which U. S. Frigidice, Inc. is principal.
- (4) That the purpose of said bond is to assure the state that the subject well will be properly plugged and abandoned when not capable of commercial production.
- (5) That in order to prevent waste and protect correlative rights said U. S. Frigidice Well No. 1, Clyde Berlier (Kayser) should be plugged and abandoned in accordance with a program approved by the Santa Fe district office of the New Mexico Oil Conservation Commission on or before January 20, 1977, or the well should be returned to active drilling status or placed on production.

-2-Case No. 5782 Order No. R-5300

IT IS THEREFORE ORDERED:

- (1) That U. S. Frigidice, Inc. and Fireman's Fund Indemnity Company are hereby ordered to plug and abandon the U. S. Frigidice Well No. 1, Clyde Berlier (Kayser), located in Unit A of Section 14, Township 19 North, Range 21 East, NMPM, Mora County, New Mexico, on or before January 20, 1977.
- (2) That U. S. Frigidice, Inc. and Fireman's Fund Indemnity Company, prior to plugging and abandoning the above-described well, shall obtain from the Santa Fe office of the Commission, a Commission-approved program for said plugging and abandoning, and shall notify said Santa Fe office of the date and hour said work is to be commenced whereupon the Commission may, at its option, witness such work.
- (3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

PHIL R. LUCERO, Chairman

EMERY A. ARNOLD, Member

JOE D. RAMEY, Member & Secretary

SEAL

Docket No. -27-76 __

Dockets Nos. 29-76 and 30-76 are tentatively set for hearing on October 27 and November 10, 1976. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - OCTOBER 13, 1976

9 A.M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Richard L. Stamets, Examiner, or Daniel S. Nutter, Alternate Examiner:

- ALLOWABLE: (1) Consideration of the allowable production of gas for November, 1976, from seventeen prorated pools in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico.
 - (2) Consideration of the allowable production of gas for November, 1976, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.
- CASE 5773: (Continued from September 29, 1976, Examiner Hearing)

Application of Yates Petroleum Corporation for a unit agreement, Eddy County, New Mexico.
Applicant, in the above-styled cause, seeks approval for the North Millman Unit Area comprising 2,017 acres, more or less, of State lands in Township 19 South, Range 28 Fast, Eddy County, New Mexico.

- Application of Palmer Oil and Gas Company for an unorthodox gas well location and a non-standard provation unit, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval for a 335.66-acre non-standard provation unit, comprising all of Sections 6 and 7, Township 26 North, Range 2 West, Blanco Mesaverde Pool, Rio Arriba County, New Mexico, to be dedicated to a well to be drilled at an unorthodox location 1850 feet from the South line and 700 feet from the West line of said Section 7.
- CASE 5784: Application of Atlantic Richfield Company for four unorthodox locations and simultaneous dedication, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to simultaneously dedicate a previously approved 320-acre Jalmat gas proration unit comprising the NW/4, SW/4 NE/4, E/2 NE/4, NE/4 SE/4 of Section 35, Township 23 South, Range 36 East, Jalmat Gas Pool, Lea County, New Mexico, to its John P. Combest Wells Nos. 1, 2, 3, and 4 located at unorthodox locations in Units H, G, A, and E, respectively, of said Section 35.
- Application of Doyle Hartman for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Seven Rivers-Queen formation underlying the NE/4 NF/4, NN/4 NE/4, SW/4 NE/4, and SE/4 NE/4 of Section 19, Town-ship 24 South, Range 37 East; Langlie-Mattix Pool, Lea County, New Mexico, to form four 40 acre proration units to be dedicated to four oil wells to be drilled at standard locations on said tracts. Also to be considered will be the cost of drilling and completing said wells and the allocation of the cost thereof, as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the wells and a charge for risk involved in drilling said wells.
- CASE 5786: Application of Texaco Inc. for a waterflood project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project on its New Mexico "BZ" State Lease, Langlie-Mattix Pool, Lea County, New Mexico, by the injection of water into the Seven Rivers-Queen formation through seven injection wells located in Unit L of Section 15 and Units B, D, F, H, J, and P of Section 16, Township 23 South, Range 37 East.
- CASE 5787: Application of Boyd Operating Company for a waterflood project, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project in the Grayburg-Jackson Pool, Eddy County, New Mexico, by the injection of water into the Grayburg-San Andres formation through its Robinson Well No. 8 located in Unit N of Section 25 and its Brirson Wells Nos. 2 and 3 located, respectively, in Units A and G of Section 36, Township 16 South, Range 31 East, Eddy County, New Mexico. Applicant further seeks an administrative procedure for expansion of the project by approval of additional injection and production wells at orthodox and unorthodox locations.

CASE 5574: (Reopened)

In the matter of Case 5574 being reopened pursuant to the provisions of Order No. R-5118 which order established a temporary special depth bracket allowable of 750 barrels of oil per day for the Eagle Mesa-Entrada Oil Pool, Sandoval County, New Mexico. All interested parties may appear and show cause why said special depth bracket allowable should not be rescinded.

CASE 5780: In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit
Northwest Production Corporation, Federal Insurance Company, and all other interested parties to
appear and show cause why the Blanco 30-12 Well No. 1, located in Unit A of Section 4, Township
30 North, Range 12 West, San Juan County, New Mexico, should not be plugged and abandoned in
accordance with a Commission-approved plugging program.

CASE 5781: In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Petroleum Development Corporation, American Employers Insurance Company, and all other interested parties to appear and show cause why the San Luis Federal Well No. 1, located in Unit J of Section 21, Township 18 North, Range 3 West, Sandoval County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.

In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit U. S. Frigidice, Inc., Fireman's Fund Indemnity Company, and all other interested parties to appear and show cause why the U. S. Frigidice Well No. 1, Clyde Berlier (Kayser), located in Unit A of Section 14, Township 19 North, Rarge 21 East, Mora County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.

8: Southeastern New Mexico nomenclature case calling for the creation, contraction, extension and abolishment of certain pools in Lea, Eddy, and Roosevelt Counties, New Mexico:

a) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Angell Rapph Morrow Case Pool. The discovery real is the Popper Oil

a) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Angell Ranch-Morrow Gas Pool. The discovery well is the Penroc Oil Corporation Wright Federal Well No. 1 located in Unit O of Section 6, Township 20 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM Section 6: All

b) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Strawn production and designated as the West Burton Flat-Strawn Gas Pool. The discovery well is the David Fasken El Paso Federal Well No. 3 located in Unit H of Section 1, Township 21 South, Range 26 Fast, NMPM. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 26 RAST, MAPA Section 1: Lots 1 through 8

c) CREATE a new pool in Roosevelt County, New Mexico, classified as a gas pool for Canyon production and designated as the North Chaveroo-Canyon Gas Pool. The discovery well is the Union Oil Company of California Roberts Well No. 1, located in Unit D of Section 9, Township 7 South, Range 33 East, NMPM. Said pool would comprise:

TOWNSHIP 7 SOUTH, RANGE 33 EAST, HAPPM Section 9: W/2

d) CREATE a new pool in Eddy County, New Mexico, electified as a gas pool for Morrow production and designated as the Foster Ranch-Morrow Gas Pool. The discovery well is the Wark Production Company Foster Well No. 1 located in Unit J of Section 21, Township 20 South, Range 24 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 24 EAST, NAFM Section 21: E/2

e) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Cherry Canyon production and designated as the Nash Draw Cherry-Canyon Pool. The discovery well is the Mesa Petroleum Company Nash Unit Well No. 4 located in Unit A of Section 13, Township 23 South, Range 29 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 29 EAST, NEAPM Section 13: NE/4

f) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Strawn production and designated as the Ojo Chiso Strawn Gas Pool. The discovery well is the American Quasar Petroleum Company of New Mexico Ojo Chiso Unit Well No. 1, located in Unit E of Section 23, Township 22 South, Range 34 Fast, NAPM. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 34 FAST, NAPM Section 23: W/2

g) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Cisco production and designated as the North Vacuum-Cisco Gas Pool. The discovery well is the Marathon Oil

CASE 5782:

CASE 5788:

Company State Section 7 Com Well No. 1, located in Unit G of Section 7, Township 17 South, Range 35 East, NMPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NAPM Section 7: E/2

h) CONTRACT the vertical limits of the Kemmitz-Pennsylvanian Pool in Lea County, New Mexico, to the Cisco formation only, redesignating said pool the Kemmitz-Cisco Pool and redefining said pool to comprise:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NAPM Section 13: N/2 and SE/4

i) CONTRACT the vertical limits of the Sombrero-Pennsylvanian Gas Pool in Lea County, New Mexico, to the Atoka formation only, redesignating said pool the Sombrero-Atoka Gas Pool and redefining said pool to comprise:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NEPM Section 12: W/2 Section 13: W/2 and SE/4

j) ABOLISH the East Shugart-Queen Pool in Lea County, New Mexico, described as:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NEFT!! Section 6: NE/4

k) ABOLISH the Watkins-Seven Rivers Pool in Eddy and Lea Counties, New Mexico, described as:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NAPM Section 36: E/2

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NAPM Section 31: All

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NAPM Section 6: N/2

1) EXTEND the vertical limits of the Watkins-Grayburg Pool in Lea County, New Mexico, to include the Yates, Seven Rivers, and Queen formations, redesignating said pool the Watkins Yates-Seven Rivers-Queen-Grayburg Pool and redefining said pool to comprise:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NAPM Section 31: NW/4 and S/2

TOWNSHIP 19 SOUTH, RANGE 32 EAST, MAPM Section 6: N/2

m) EXTEND the Blinebry Oil and Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NEWLYM Section 18: SE/4

n) EXTEND the Burton Flat-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 26 FAST, M.DM Section 1: S/2

o) EXTEND the North Burton Flats-Wolfcamp Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 28 FAST, NAPM Section 10: W/2
Section 15: W/2
Section 16: E/2

p) EXTEND the South Carlsbad-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 27 EAST, 19.PM Section 20: E/2

TOWNSHIP 24 SOUTH, RANGE 26 FAST, MAMPM Section 3: W/2

Docket No. 27-76

q) EXTEND the North Dagger Draw-Upper Pennsylvanian Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NAPM Section 30: SE/4

r) EXTEND the Dayton-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NAMPM Section 26: SW/4

s) EXTEND the East Empire Yates-Seven Rivers Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM Section 27: NE/4 and N/2 NW/4

t) EXTEND the Hoag Tank-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 24 EAST, NAPM Section 23: All

u) EXTEND the Middle Lynch Yates -Seven Rivers Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 34 EAST, NJPM Section 28: N/2 N/2

v) EXTEND the Maljamar-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, MAPM Section 32: W/2

w) EXTEND the Peterson-Pennsylvanian Associated Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 5 SOUTH, RANGE 33 EAST, HEAPM Section 20: SW/4

x) EXTEND the Red Lake Queen - Grayburg - San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NORTH Section 13: SE/4 SE/4 Section 24: NE/4

y) EXTEND the Sawyer-San Andres Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 37 EAST, MAPA Section 13: SW/4

z) EXTEND the Shugart Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, MAPM Section 26: NW/4 Section 27: NE/4

aa) EXTEND the Vacuum-Queen Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, MAPM Section 2: S%/4
Section 3: SE/4

OIL CONSERVATION COMMISSION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

October 1, 1976

CERTIFIED - RETURN RECEIPT REQUESTED

U. S. Frigidice, Inc. 217 SouthSixth Street Albuquerque, New Mexico

Fireman's Fund Indemnity Company 3333 California Street San Francisco, California 94120

Re: U. S. Frigidice, Inc.
Well No. 1, Clyde Berlier
(Kayser), located in Unit A
of Section 14, Township 19
North, Range 21 East, Mora
County
Plugging Bond

Gentlemen:

Enclosed is a copy of the docket of the Examiner Hearing to be held on Wednesday, October 13, 1976, at 9 o'clock a.m. in the Oil Conservation Commission Conference Room, State Land Office Building, Santa Fe, New Mexico. Case 5782 concerns the above captioned subject matter.

Very truly yours,

LYNN TESCHENDORF Legal Division

LT/fd enc.

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEACTHS CALLED BY STE OFF CONSERVATION COMPAGEON OF NEW MEYICO FOR THE PURPOSE OF CONSIDERING. JAR

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CASE NO. 5782

Order No. R- 5300

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION ON ITS OWN MOTION TO PERMIT U.S. FRIGIDICE, INC., FIREMAN'S FUND INDEMNITY COMPANY AND ALL OTHER INTERESTED PARTIES TO APPEAR AND SHOW CAUSE WHY THE U.S. FRIGIDICE WELL NO.1, CLYDE BERLIER (KAYSER), LOCATED IN UNIT A OF SECTION 14, TOWNSHIP 19 NORTH, RANGE 21 EAST, MORA COUNTY, NEW MEXICO, SHOULD NOT BE PLUGGED AND ABANDONED IN ACCORDANCE WITH A COMMISSION-APPROVED PLUGGING PROGRAM.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on October 13

19 76 , at Santa Fe, New Mexico, before Examiner Richard L. Stamets

NOW, on this day of October 1976, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That U. S. Frigidice, Inc. is the owner and U. S. Frigidice Well No. 1, operator of the / Clyde Berlier (Kayser) , located in Unit A of Section 14 , Township 19 North Range 21 East , NMPM, Mora County, New Mexico.
- c (3) That Fireman's Fund Indemnity Company is the surety on the Oil Conservation Commission plugging bond on which U. S. Frigidice, Inc. is principal.
- (4) That the purpose of said bond is to assure the state that the subject well (%) will be properly plugged and abandoned when not capable of commercial production.
- rights said U. S. Frigidice Well No. 1, Clyde Berlier (Kayser) should be plugged and abandoned in accordance with a program approved by the Santa Fe District Office of the New Mexico Oil Conservation Commission on or before January 20, 1977, or the well should be returned to active drilling status or placed on production.

IT IS THEREFORE ORDERED:

(1) That	U. S. Frigidice, Inc. and Fireman's Fund Indemnity Company
	are hereby ordered to plug and abandon the
U. S. Frigidic	e Well No. 1, Clyde Berlier (Kayser)
located in Unit	A of Section 14 , Township 19 North
Range 21 Eas	t , NMPM, Mora County, New Mexico, on or
before Ju	may 20 , 1974.

- , prior to plugging and abandoning the above
 described well, shall obtain from the Santa Fe office of the Commission, a Commission-approved program for said plugging and abandoning, and shall notify said Santa Fe office of the date and hour said work is to be commenced whereupon the Commission may, at its option, witness such work.
- (3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

 DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.



DIRECTOR

JOE D. RAMEY

OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO P. O. BOX 2088 - SANTA FE 87501

LAND COMMISSIONER
PHIL R. LUCERO
October 28, 1976



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STATE GEOLOGIST EMERY C. ARNOLD

U. S. Frigid	ice, Inc.
217 South Si	xth Street
Albuquerque,	

Re: CASE NO. 5782 ORDER NO. R-5300

Applicant:

OCC (U.S. Frigidice, Inc.)

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Yours very truly,

JOE D. RAMEY

Director

JDR/fd

Copy of order also sent to:

Hobbs OCC x
Artesia OCC x
Aztec OCC x

Other Fireman's Fund Indemnity Co.

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

CASE NO. 5782 Order No. R-5300

IN THE MATTER OF THE HEARING CALLED BY
THE OIL CONSERVATION COMMISSION ON ITS
OWN MOTION TO PERMIT U. S. FRIGIDICE, INC.,
FIREMAN'S FUND INDEMNITY COMPANY AND ALL OTHER
INTERESTED PARTIES TO APPEAR AND SHOW CAUSE WHY
THE U. S. FRIGIDICE WELL NO. 1, CLYDE BERLIER
(KAYSER), LOCATED IN UNIT A OF SECTION 14, TOWNSHIP
19 NORTH, RANGE 21 EAST, MORA COUNTY, NEW MEXICO,
SHOULD NOT BE PLUGGED AND ABANDONED IN ACCORDANCE
WITH A COMMISSION-APPROVED PLUGGING PROGRAM.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on October 13, 1976, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 27th day of October, 1976, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That U. S. Frigidice, Inc., is the owner and operator of the U. S. Frigidice Well No. 1, Clyde Berlier (Kayser), located in Unit A of Section 14, Township 19 North, Range 21 East, NMPM, Mora County, New Mexico.
- (3) That Fireman's Fund Indemnity Company is the surety on the Oil Conservation Commission plugging bond on which U. S. Frigidice, Inc. is principal.
- (4) That the purpose of said bond is to assure the state that the subject well will be properly plugged and abandoned when not capable of commercial production.
- (5) That in order to prevent waste and protect correlative rights said U. S. Frigidice Well No. 1, Clyde Berlier (Kayser) should be plugged and abandoned in accordance with a program approved by the Santa Fe district office of the New Mexico Oil Conservation Commission on or before January 20, 1977, or the well should be returned to active drilling status or placed on production.

-2-Case No. 5782 Order No. R-5300

IT IS THEREFORE ORDERED:

- (1) That U. S. Frigidice, Inc. and Fireman's Fund Indemnity Company are hereby ordered to plug and abandon the U. S. Frigidice Well No. 1, Clyde Berlier (Kayser), located in Unit A of Section 14, Township 19 North, Range 21 East, NMPM, Mora County, New Mexico, on or before January 20, 1977.
- (2) That U. S. Frigidice, Inc. and Fireman's Fund Indemnity Company, prior to plugging and abandoning the above-described well, shall obtain from the Santa Fe office of the Commission, a Commission-approved program for said plugging and abandoning, and shall notify said Santa Fe office of the date and hour said work is to be commenced whereupon the Commission may, at its option, witness such work.
- (3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

PHIL R. LUCERO, Chairman

EMERY 2. ARNOLD, Member

JOE D. RAMEY, Member & Secretary

SEAL

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

CASE NO. 5782 Order No. R-5300

IN THE MATTER OF THE HEARING CALLED BY
THE OIL CONSERVATION COMMISSION ON ITS
OWN MOTION TO PERMIT U. S. FRIGIDICE, INC.,
FIREMAN'S FUND INDEMNITY COMPANY AND ALL OTHER
INTERESTED PARTIES TO APPEAR AND SHOW CAUSE WHY
THE U. S. FRIGIDICE WELL NO. 1, CLYDE BERLIER
(KAYSER), LOCATED IN UNIT A OF SECTION 14, TOWNSHIP
19 NORTH, RANGE 21 EAST, MORA COUNTY, NEW MEXICO,
SHOULD NOT BE PLUGGED AND ABANDONED IN ACCORDANCE
WITH A COMMISSION-APPROVED PLUGGING PROGRAM.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on October 13, 1976, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 27th day of October, 1976, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That U. S. Frigidice, Inc., is the owner and operator of the U. S. Frigidice Well No. 1, Clyde Berlier (Kayser), located in Unit A of Section 14, Township 19 North, Range 21 East, NMPM, Mora County, New Mexico.
- (3) That Fireman's Fund Indemnity Company is the surety on the Oil Conservation Commission plugging bond on which U. S. Frigidice, Inc. is principal.
- (4) That the purpose of said bond is to assure the state that the subject well will be properly plugged and abandoned when not capable of commercial production.
- (5) That in order to prevent waste and protect correlative rights said U. S. Frigidice Well No. 1, Clyde Berlier (Kayser) should be plugged and abandoned in accordance with a program approved by the Santa Fe district office of the New Mexico Oil Conservation Commission on or before January 20, 1977, or the well should be returned to active drilling status or placed on production.

-2-Case No. 5782 Order No. R-5300

IT IS THEREFORE ORDERED:

- (1) That U. S. Frigidice, Inc. and Fireman's Fund Indemnity Company are hereby ordered to plug and abandon the U. S. Frigidice Well No. 1, Clyde Berlier (Kayser), located in Unit A of Section 14, Township 19 North, Range 21 East, NMPM, Mora County, New Mexico, on or before January 20, 1977.
- (2) That U. S. Frigidice, Inc. and Fireman's Fund Indemnity Company, prior to plugging and abandoning the above-described well, shall obtain from the Santa Fe office of the Commission, a Commission-approved program for said plugging and abandoning, and shall notify said Santa Fe office of the date and hour said work witness such work.
- (3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year herein-

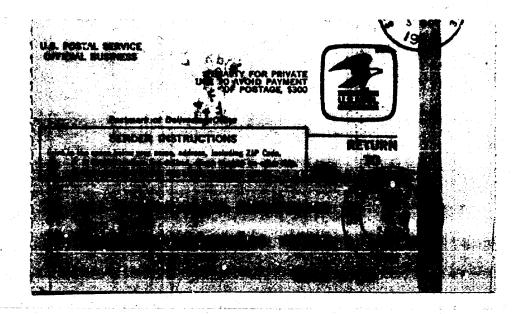
STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

PHIL R. LUCERO, Chairman

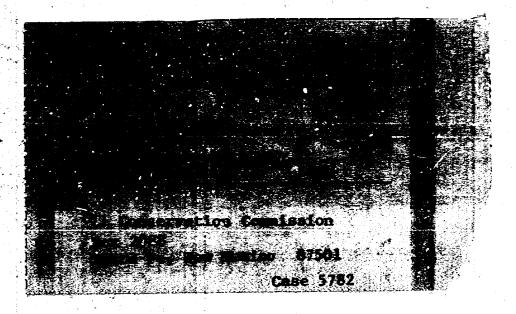
AMERY C. ARNOLD, Member

JOE D. RAMEY, Member & Secretary

SEAL



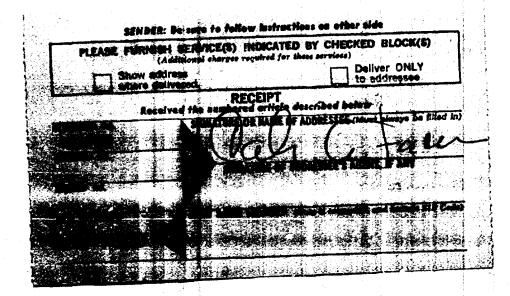
<u> </u>	RECEIPT FOR CERTIFIED MAIL—30¢ SENT TO Fireman's Fund Indemnity Co.	
1689	STREET AND NO. 3333 California Street	
∞	San Francisco, California 94120	
No. 4	Shows to whom Shows to whom, and date delivered delivered 50¢ fee	



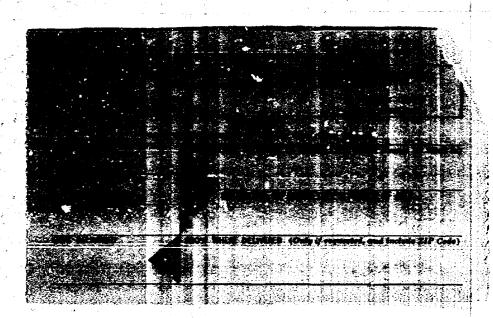
RECEIPT FOR CERTIFIED MAIL-30¢

A		
SENT TO	1	POSTMARK
U. S. Frigidice, In		OR DATE
STREET AND NO.		
217 South Stath Str	eet	
P. O., STATE, AND ZIP CODE		
Albuquerque, New Me	xico	
EXTRA SERVICES FOR ADDITION		
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POD Form 3800 NO INSURANCE COVERAGE PROVIDED— (See other side)
Mar. 1956 NOT FOR INTERNATIONAL MAIL



	Fund Indemnity Co.
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RO., STATE, AND ZIP	come Isco, California 94120
Roturn	Security For Additional FEES Beliver to Addressee Only date, and where delivered 50¢ fee



SENT TO	1 2002111
J. S. Frigidice, Inc.	POSTMARK OR DATE
STREET AND NO. 217 South Sixth Street	
P. O., STATE, AND ZIP CODE	
Albuquerque, New Mexico	- [
Shows to whom Shows to whom, and date date, and where	Only
delivered delivered 50¢ f	eo

NOT FOR INTERNATIONAL MAIL (See other side)



DIRECTOR
JOE D. RAMEY

OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO P. O. BOX 2088 - SANTA FE 87501

LAND COMMISSIONER PHIL R. LUCERO October 1, 1976



STATE GEOLOGIST EMERY C. ARNOLD

CERTIFIED - RETURN RECEIPT REQUESTED

U. S. Frigidice, Inc. 217 SouthSixth Street Albuquerque, New Mexico

Fireman's Fund Indemnity Company 3333 California Street San Francisco, California 94120

Re: U. S. Frigidice, Inc.
Well No. 1, Clyde Berlier
(Kayser), located in Unit A
of Section 14, Township 19
North, Range 21 East, Mora
County
Plugging Bond

Leschendon

Gentlemen:

Enclosed is a copy of the docket of the Examiner Hearing to be held on Wednesday, October 13, 1976, at 9 o'clock a.m. in the Oil Conservation Commission Conference Room, State Land Office Building, Santa Fe, New Mexico. Case 5782 concerns the above captioned subject matter.

Very truly yours,

LYNN TESCHENDORF Legal Division

LT/fd enc.

Dockets Nos. 29-76 and 30-76 are tentatively set for hearing on October 27 and November 10, 1976. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - OCTOBER 13, 1976

9 A.M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Richard L. Stamets, Examiner, or Daniel S. Nutter, Alternate Examiner:

- ALLOWABLE: (1) Consideration of the allowable production of gas for November, 1976, from seventeen prorated pools in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico.
 - (2) Consideration of the allowable production of gas for November, 1976, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.
- CASE 5773: (Continued from September 29, 1976, Examiner Hearing)

Application of Yates Petroleum Corporation for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the North Millman Unit Area comprising 2,017 acres, more or less, of State lands in Township 19 South, Range 28 East, Eddy County, New Mexico.

- CASE 5783: Application of Palmer Oil and Cas Company for an unorthodox gas well location and a non-standard proration unit, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval for a 335.66-acre non-standard proration unit, comprising all of Sections 6 and 7, Township 26 North, Range 2 West, Blanco Mesaverde Pool, Rio Arriba County, New Mexico, to be dedicated to a well to be drilled at an unorthodox location 1850 feet from the South line and 700 feet from the West line of said Section 7.
- CASE 5784: Application of Atlantic Richfield Company for four unorthodox locations and simultaneous dedication, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to simultaneously dedicate a previously approved 320-acre Jalmat gas proration unit comprising the NW/4, SW/4 NE/4, E/2 NE/4, NE/4 SE/4 of Section 35, Township 23 South, Range 36 East, Jalmat Gas Pool, Lea County, New Mexico, to its John P. Combest Wells Nos. 1, 2, 3, and 4 located at unorthodox locations in Units H, G, A, and E, respectively, of said Section 35.
- Application of Doyle Hartman for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Seven Rivers-Queen formation underlying the NE/4, NE/4, NE/4, SW/4 NE/4, and SE/4, NE/4 of Section 19, Township 24 South, Range 37 East, Langlie-Mattix Pool, Lea County, New Mexico, to form four 40-acre proration units to be dedicated to four oil wells to be drilled at standard locations on said tracts. Also to be considered will be the cost of drilling and completing said wells and the allocation of the cost thereof, as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the wells and a charge for risk involved in drilling said wells.
- CASE 5786: Application of Texaco Inc. for a waterflood project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project on its New Mexico "BZ" State Lease, Langlie-Mattix Pocl, Lea County, New Mexico, by the injection of water into the Seven Rivers-Queen formation through seven injection wells located in Unit L of Section 15 and Units B, D, F, H, J, and P of Section 16, Township 23 South, Range 37 East.
- CASE 5787: Application of Boyd Operating Company for a waterflood project, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project in the Grayburg-Jackson Pool, Eddy County, New Mexico, by the injection of water into the Grayburg-San Andres formation through its Robinson Well No. 8 located in Unit N of Section 25 and its Brinson Wells Nos. 2 and 3 located, respectively, in Units A and G of Section 36, Township 16 South, Range 31 East, Eddy County, New Mexico. Applicant further seeks an administrative procedure for expansion of the project by approval of additional injection and production wells at orthodox and unorthodox locations.

CASE 5574: (Reopened)

In the matter of Case 5574 being reopened pursuant to the provisions of Order No. R-5118 which order established a temporary special depth bracket allowable of 750 barrels of oil per day for the Eagle Mesa-Entrada Oil Pool, Sandoval County, New Mexico. All interested parties may appear and show cause why said special depth bracket allowable should not be rescinded.

Docket No. 27-76

CASE 5780:

In the matter of the hearing called by the Oil Conservation Cormission on its own motion to permit Northwest Production Corporation, Federal Insurance Company, and all other interested parties to appear and show cause why the Blanco 30-12 Well No. 1, located in Unit A of Section 4, Township 30 North, Range 12 West, San Juan County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.

CASE 5781:

In the matter of the hearing called by the Oil Conservation Cormission on its own motion to permit Petroleum Development Corporation, American Employers Insurance Company, and all other interested parties to appear and show cause why the San Luis Federal Well No. 1, located in Unit J of Section 21, Township 18 North, Range 3 West, Sandoval County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.

CASE 5782:

In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit U. S. Frigidice, Inc., Fireman's Fund Indemnity Company, and all other interested parties to appear and show cause why the U. S. Frigidice Well No. 1, Clyde Berlier (Kayser), located in Unit A of Section 14, Township 19 North, Range 21 East, Mora County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.

CASE 5788:

Southeastern New Mexico nomenclature case calling for the creation, contraction, extension and abolishment of certain pools in Lea, Eddy, and Roosevelt Counties, New Mexico:

a) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Angell Ranch-Morrow Gos Pool. The discovery well is the Penroe Oil Corporation Wright Federal Well No. 1 located in Unit O of Section 6, Township 20 South, Range 28 East, NAPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NUPM Section 6: All

b) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Strawn production and designated as the West Burton Flat-Strawn Gas Pool. The discovery well is the David Pasken El Paso Federal Well No. 3 located in Unit H of Section 1, Township 21 South, Range 26 East, NATM. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 26 EAST, NAPM Section 1: Lots 1 through 8

c) CREATE a new pool in Roosevelt County, New Mexico, classified as a gas pool for Canyon production and designated as the North Chaverco-Canyon Gas Pool. The discovery well is the Union Oil Company of California Roberts Well No. 1, located in Unit D of Section 9, Township 7 South, Range 33 East, NAPM. Said pool would comprise:

TOWNSHIP 7 SOUTH, RANGE 33 EAST, MEMPM Section 9: W/2

d) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Foster Ranch-Morrow Gas Pool. The discovery well is the Mark Production Company Foster Well No. 1 located in Unit J of Section 21, Township 20 South, Range 24 East, NAPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 24 EAST, MARM Section 21: E/2

e) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Cherry Canyon production and designated as the Nash Draw Cherry-Canyon Pool. The discovery well is the Mesa Petroleum Company Nash Unit Well No. 4 located in Unit A of Section 13, Township 23 South, Range 29 East, MTM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 29 EAST, 184911 Section 13: NE/4

f) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Strawn production and designated as the Ojo Chiso-Strawn Gas Pool. The discovery well is the American Quasar Petroleum Company of New Mexico Ojo Chiso Unit Well No. 1, located in Unit E of Section 23, Township 22 South, Range 34 Fast, NATM. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 34 FAST, NAPM Section 23: W/2

g) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Cisco production and designated as the North Vacuum-Cisco Gas Pool. The discovery well is the Marathon Oil

Docket No. 27-76

Company State Section 7 Com Well No. 1, located in Unit G of Section 7, Township 17 South, Range 35 East, NAPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NAPM Section 7: E/2

h) CONTRACT the vertical limits of the Kemmitz-Pennsylvanian Pool in Lea County, New Mexico, to the Cisco formation only, redesignating said pool the Kemmitz-Cisco Pool and redefining said pool to comprise:

TOWNSHIP 16 SOUTH, RANGE 33 FAST, NAPM Section 13: N/2 and SE/4

i) CONTRACT the vertical limits of the Sombrero-Pennsylvanian Gas Pool in Lea County, New Mexico, to the Atoka formation only, redesignating said pool the Sombrero-Atoka Gas Pool and redefining said pool to comprise:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NAPM Section 12: W/2
Section 13: W/2 and SE/4

j) ABOLISH the East Shugart-Queen Pool in Lea County, New Mexico, described as:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NAPM Section 6: NE/4

k) ABOLISH the Watkins-Seven Rivers Pool in Eddy and Lea Counties, New Mexico, described as:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NAPM Section 36: E/2

TOWNSHIP 18 SOUTH, RANGE 32 EAST, HAPPM Section 31: All

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NAPM Section 6: 11/2

1) EXTEND the vertical limits of the Watkins-Grayburg Pool in Lea County, New Mexico, to include the Yates, Seven Rivers, and Queen formations, redesignating said pool the Watkins Yates-Seven Rivers-Queen-Grayburg Pool and redefining said pool to comprise:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM Section 31: NW/4 and S/2

TOWNSHIP 19 SOUTH, RANGE 32 EAST, MARMA Section 6: N/2

m) EXTEND the Blinebry Oil and Gas Pool in Lea County, New Maxico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 38 EAST, HIPM Section 18: SE/4

n) EXTEND the Burton Flat-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 26 FAST, NAPM Section 1: \$/2

o) EXTEND the North Burton Flats-Wolfcamp Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 28 EAST, M.PM
Section 10: W/2
Section 15: W/2
Section 16: E/2

p) EXTEND the South Carlsbad-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NJPM Section 20: E/2

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NEWM Section 3: W/2

Docket No. 27-76

q) EXTEND the North Dagger Draw-Upper Pennsylvanian Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 25 FAST, NAPM Section 30: SE/4

r) EXTEND the Dayton-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, IMPM Section 26: SW/4

s) EXTEND the East Empire Yates-Seven Rivers Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NAPM Section 27: NE/4 and N/2 NW/4

t) EXTEND the Hoag Tank-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 24 EAST, NMPM Section 23: All

u) EXTEND the Middle Lynch Yates -Seven Rivers Pool in Lez County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, PANCE 34 EAST, NATH. Section 28: N/2 N/2

v) EXTEND the Maljamar-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM Section 32: W/2

w) EXTEND the Peterson-Pennsylvanian Associated Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 5 SOUTH, RANGE 33 EAST, NMPM Section 20: SW/4

x) EXTEND the Red Lake Queen - Grayburg - San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NUFM Section 13: SE/4 SE/4 Section 24: NE/4

y) EXTEND the Sawyer-San Andres Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 37 FAST, NAPM Section 13: SW/4

z) EXTEND the Shugart Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM Section 26: NW/4 Section 27: NE/4

ae) EXTEND the Vacuum-Queen Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NAPM Section 2: SW/4
Section 3: SE/4