

CASE 5120: Application of LONE
STAR PRODUCING CO. FOR A DUAL
COMPLETION AND SALT WATER DISPOSAL

CASE No.

5120

Application,

Transcripts,

Small Exhibits

ETC.

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
CONFERENCE ROOM, STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO

Wednesday, November 28, 1973

IN THE MATTER OF:

Application of Lone Star
Producing Company for a
dual completion and salt
water disposal, Lea County,
New Mexico.

Case No. 5120

BEFORE: Richard L. Stamets,
Examiner

TRANSCRIPT OF HEARING

NEW MEXICO OIL CONSERVATION COMMISSION

EXAMINER HEARING

SANTA FE, NEW MEXICO

Hearing Date NOVEMBER 28, 1973 TIME: 9 A.M.

NAME	REPRESENTING	LOCATION
Wade & Vick	Getty Oil Co	Midland, Tex
CARL TRAYNICK	USGS	ROSWELL
JIM GILLMAN	"	"
GLEN R WESTALL	TEXACO	MIDLAND, TEX.
B.F. Hellman	"	"
J.D. Glenn	"	✓
Bill. A. Schaefer	GETTY OIL CO.	MIDLAND, TEX.
H.R. Huey	SUN OIL	Dallas
H. W. LARSON	SUN OIL	DITCHES
Don Stearns	Elmwood Pet	South E.
Wm P Aycock	Felmont	Midland
Boston Kelly	Midland	SA
Nina Dufame	Byram & Aron	S.F.
Ray Graham	State	SA

NEW MEXICO OIL CONSERVATION COMMISSION

EXAMINER HEARING

SANTA FE, NEW MEXICO

Hearing Date NOVEMBER 28, 1973 TIME: 9 A.M.

NAME	REPRESENTING	LOCATION
Sumner L. Buell	Montgomery, et al.	Santa Fe -
R.M. Redwood	MOBIL	Albuquerque
Earl Fitzgerald	MOBIL	Houston
J.L. Packer	MOBIL	Roswell
J.H. Packer	Attorney	Roswell
J.H. Packer	Attorney	Tulsa
C.E. Blodgett	Skelly Oil Co.	Midland, Tex.
Jon T. Edmonson		
Kenneth H. Griffin	Griffin, Ross & Perrell, Inc.	Midland, Texas
Oscar L. Brown	Baker Petroleum Corp.	" "
Thorp E. Brown	Independent Co. Houston	Dallas
R.W. Kretzler	SHELL OIL	MIDLAND
J.E. Brown	SHELL OIL	MIDLAND
Kary M. Brown	MOBIL	" "
Alfred L. Brown	MOBIL	Albuquerque
J.E. Spiering	MOBIL Spiering	Alb.
John Brown	et al	" "

1 MR. STAMETS: The hearing will come to order, please.
2 I would like to point out the recent installation of
3 the No Smoking signs in the Conference Room. This is at
4 the request of the Commissioner of Public Land. Smoking
5 is permitted in the hallways, in the offices, and outdoors,
6 if you are so inclined.
7 We will call first Case 5120.
8 MR. CARR: Case 5120: Application of Lone Star
9 Producing Company for a dual completion and salt water
10 disposal, Lea County, New Mexico.
11 MR. STAMETS: The applicant in this case has
12 requested that the case be continued to the January 16th,
13 1974 Examiner Hearing. It will be continued.
14 * * * * *
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dearnley, meier & associates

209 SIMMS BLDG., P.O. BOX 1092, PHONE 243-6601, ALBUQUERQUE, NEW MEXICO 87103
1216 FIRST NATIONAL BANK BLDG. EAST, ALBUQUERQUE, NEW MEXICO 87108

C E R T I F I C A T E

I, RICHARD E. McCORMICK, Certified Shorthand Reporter,
in and for the County of Bernalillo, State of New Mexico, do
hereby certify that the foregoing and attached Transcript of
Hearing before the New Mexico Oil Conservation Commission
was reported by me; and that the same is a true and correct
record of the said proceedings to the best of my knowledge,
skill and ability.

CERTIFIED SHORTHAND REPORTER

Nov 28 5120
Richard E. McCormick 73



OIL CONSERVATION COMMISSION
NEW MEXICO

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

January 15, 1974

**GOVERNOR
BRUCE KING
CHAIRMAN
LAND COMMISSIONER
ALEX J. ARMIJO
MEMBER
STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR**

Mr. Brandon C. Smith
Lone Star Producing Company
Suite 300 Commercial Bank
Tower Building
Post Office Box 4815
Midland, Texas 79701

Re: Case No. 5120
Order No. R-4696
Applicant:
Lone Star Producing Company

Dear Sir:

Dear Sir:

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

very truly yours,

A. L. Foster, Jr.

A. L. PORTER, Jr.
Secretary-Director

ALP/ir

Copy of order also sent to:

Hobbs OCC _____ x
Artesia OCC _____
Aztec OCC _____

other

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE NO. 5120
Order No. R-4696

APPLICATION OF LONE STAR PRODUCING
COMPANY FOR A DUAL COMPLETION AND
SALT WATER DISPOSAL, LEA COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause was to have come on for hearing at 9 a.m. on January 16, 1974,
at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 15th day of January, 1974, the Commission, a quorum
being present, and being fully advised in the premises,

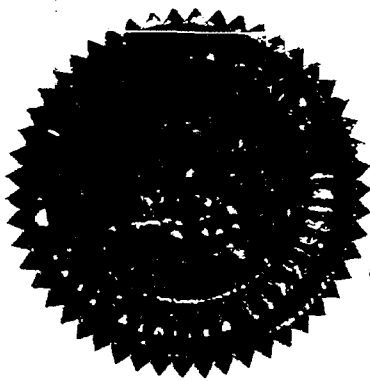
FINDS:

That at the request of applicant, the above-captioned case should be
dismissed.

IT IS THEREFORE ORDERED:

That Case No. 5120 is hereby dismissed.

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



STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

[Signature]
I. R. TRUJILLO, Chairman

[Signature]
ALEX J. MIJO, Member

[Signature]
A. L. PORTER, JR., Member & Secretary

S E A L

jr/



Lone Star Producing Company

Telephone: AC 915 682-5221

December 12, 1973

BRANDON C. SMITH
District Engineer
West Texas District
Production Department

Suite 300 Commercial
Bank Tower Building
P.O. Box 4815
Midland, Texas 79701



New Mexico Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Case 5120, Application
for SWD Well
New Mexico State 80 No. 1

Attention: Mr. Richard L. Stamets

Gentlemen:

Reference is made to our recent visit pertaining to Case 5120 on November 28, 1973, where a continuance was given for a hearing on January 16, 1973. We respectfully request this application be withdrawn. Our present plans are to file in the near future for disposal of salt water in a nearby abandoned well, as per telephone conversation with our Mr. J. A. Dow on December 10, 1973.

Yours very truly,

LONE STAR PRODUCING COMPANY

Brandon C. Smith
Brandon C. Smith
District Engineer

BCS/ja
cc: Mr. D. H. Winchell
File

Docket No. 34-73

DOCKET: COMMISSION HEARING - TUESDAY - NOVEMBER 27, 1973

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

CASE 5063: (De Novo)

Application of Shell Oil Company for an unorthodox oil well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox location for its Sanger Well No. 6Y to be located 1220 feet from the North line and 180 feet from the West line of Section 27, Township 18 South, Range 38 East, Hobbs Pool, Lea County, New Mexico.

Upon application of Samedan Oil Corporation, this case will be heard De Novo pursuant to the provisions of Rule 1220.

Docket No. 36-73

DOCKET: EXAMINER HEARING - TUESDAY - DECEMBER 11, 1973

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

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

- ALLOWABLE: (1) Consideration of the allowable production of gas for January, 1974, from fifteen prorated pools in Lea, Eddy, Roosevelt and Chaves Counties, New Mexico;
- (2) Consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico, for January, 1974.

DOCKET: EXAMINER HEARING - WEDNESDAY - NOVEMBER 28, 1973

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

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

- CASE 5115: Application of Mobil Oil Corporation for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Corral Draw Unit Area comprising 19,199 acres, more or less, of Federal and State lands in Townships 25 and 26 South, Range 29 East, Eddy County, New Mexico.
- CASE 5116: Application of Mobil Oil Corporation for a pressure maintenance project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a pressure maintenance project by the injection of water and/or gas into the Middle Pennsylvanian formation of its Bridges State Well No. 147 located in Unit F of Section 13, Township 17 South, Range 34 East, Vacuum-Middle Pennsylvanian Pool, Lea County, New Mexico, the W/2 of said Section 13 to be the initial project area. Applicant further seeks the promulgation of rules for said project including a provision for administrative approval for expansion thereof.
- CASE 5117: Application of Roger C. Hanks for creation of a new pool and special rules, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the creation of the North Dagger Draw-Cisco Canyon Oil Pool in Sections 24, 25, and 36, Township 19 South, Range 24 East, Sections 18, 19, 30 and 31, Township 19 South, Range 25 East, and Section 1, Township 20 South, Range 24 East, Eddy County, New Mexico, and the promulgation of special pool rules therefor, including a provision for 320-acre spacing and proration units and specified well locations.
- CASE 5118: Application of Shell Oil Company for an extension of Order No. R-4289, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the indefinite extension of Order No. R-4289, which order as extended authorized temporary downhole commingling of the Morrow Pennsylvanian and Devonian production in the wellbore in its Antelope Ridge Well No. 2 located in Unit B of Section 4, Township 24 South, Range 34 East, Antelope Ridge Field, Lea County, New Mexico.
- CASE 5119: Application of Getty Oil Company for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Stock Unit Area comprising 5,760 acres, more or less, of State lands in Township 21 South, Range 33 East, Lea County, New Mexico.
- CASE 5120: Application of Lone Star Producing Company for a dual completion and salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water by

(Case 5120 continued from Page 1)

injection into the San Andres formation through the annulus between 5 1/2-inch and 8 5/8-inch casing strings of its New Mexico State 80 Well No. 1 located in Unit B of Section 33, Township 14 South, Range 34 East, Tres Papalotes-Pennsylvanian Pool, Lea County, New Mexico, and to produce oil from said pool through 2 3/8-inch tubing installed within the 5 1/2-inch casing.

CASE 5121: Application of Texaco Inc. for a non-standard gas proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for a 160-acre non-standard gas proration unit comprising the SE/4 of Section 25, Township 20 South, Range 32 East, South Salt Lake-Morrow Gas Pool, Lea County, New Mexico, to be dedicated to its Audie Richards Well No. 1 located in Unit P of said Section 25.

CASE 5122: Application of Sun Oil Company for the creation of a new oil pool and special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new oil pool for Wolfcamp production for its Shern Federal Well No. 1 located in Unit M of Section 15, Township 19 South, Range 32 East, Lusk Field, Lea County, New Mexico, and the promulgation of special pool rules therefor including a provision for 160-acre spacing and proration units and a special limiting gas-oil ratio of 4000 to 1.

CASE 5123: Application of Consolidated Oil & Gas Inc. for downhole commingling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle gas production from the Flora Vista-Gallup Gas Pool and the Basin Dakota-Gas Pool in the wellbore of its Clayton Well No. 1-2 located in Unit N of Section 2, Township 30 North, Range 12 West, San Juan County, New Mexico.

CASE 5124: Application of Belco Petroleum Corporation for compulsory pooling and an unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests underlying the S/2 of Section 30, Township 20 South, Range 33 East, South Salt Lake-Morrow Gas Pool, Lea County, New Mexico, to be dedicated to a well to be drilled at an unorthodox location 660 feet from the South line and 1300 feet from the East line of said Section 30. Also to be considered will be the cost of drilling and completing said well and the allocation of such costs, as well as actual operating costs and charges for supervision. Also to be considered is the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 5126: Application of Atlantic Richfield Company for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Avalon Deep Unit Area comprising 10, 117 acres, more or less, of fee, Federal, and State lands in Township 21 South, Ranges 26 and 27 East, Eddy County, New Mexico.

CASE 5127: Application of Skelly Oil Company for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Salt Lake South Unit Area comprising 7080.12 acres, more or less, of State and Federal lands in Township 21 South, Range 32 East, Lea County, New Mexico.

CASE 5125: Northwestern nomenclature case calling for the creation and extension of certain pools in McKinley, San Juan, Rio Arriba and Sandoval Counties, New Mexico:

(a) Create a new pool in McKinley County, New Mexico, classified as an oil pool for Mesaverde production and designated as the Blackeye-Mesaverde Oil Pool. The discovery well is the K & W Oil Co. #55-Y Jaco located in Unit D of Section 32, Township 20 North, Range 9 West, NMPM. Said pool would comprise:

TOWNSHIP 20 NORTH, RANGE 9 WEST, NMPM

Section 29: W/2 SW/4

Section 30: SE/4 NE/4 and NE/4 SE/4

Section 32: NW/4 NW/4

(b) Create a new pool in McKinley County, New Mexico, classified as an oil pool for Dakota production and designated as the Blackeye-Dakota Oil Pool. The discovery well is the Colorado Plateau Geological Services, Inc. #1 Blackeye located in Unit M of Section 29, Township 20 North, Range 9 West, NMPM. Said pool would comprise:

TOWNSHIP 20 NORTH, RANGE 9 WEST, NMPM

Section 29: SW/4 SW/4

(c) Create a new pool in McKinley County, New Mexico, classified as a gas pool for Dakota A production and designated as the Lone Pine-Dakota A Pool. The discovery well is the Tenneco Oil Co. #2 SFPRR located in Unit L of Section 13, Township 17 North, Range 9 West NMPM. Said pool would comprise:

TOWNSHIP 17 NORTH, RANGE 9 WEST, NMPM

Section 13: SW/4

Section 23: NE/4

Section 24: NW/4

(d) Create a new pool in San Juan County, New Mexico, classified as a gas pool for Fruitland production and designated as the Mt. Nebo-Fruitland Pool. The discovery well is the Amoco Production Co. #1 Keys Gas Com E located in Unit D of Section 27, Township 32 North, Range 10 West, NMPM. Said pool would comprise:

TOWNSHIP 32 NORTH, RANGE 10 WEST, NMPM

Section 27: NW/4

Section 28: NE/4

(e) Extend the Angels Peak-Gallup Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 9 WEST, NMPM

Section 6: N/2
Section 7: SW/4
Section 8: All
Section 9: W/2
Section 18: W/2 & SE/4
Section 23: W/2

TOWNSHIP 26 NORTH, RANGE 10 WEST, NMPM

Section 3: SW/4 & S/2 SE/4
Section 11: S/2
Section 12: All
Section 13: N/2

(f) Extend the Aztec-Pictured Cliffs Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 8 WEST, NMPM

Section 18: W/2

TOWNSHIP 29 NORTH, RANGE 9 WEST, NMPM

Section 18: S/2
Section 20: SW/4

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM

Section 12: SW/4

TOWNSHIP 31 NORTH, RANGE 11 WEST, NMPM

Section 18: SE/4
Section 21: SW/4
Section 28: SE/4
Section 31: E/2
Section 32: SW/4

TOWNSHIP 31 NORTH, RANGE 12 WEST, NMPM

Section 2: N/2
Section 3: NE/4

(g) Extend the Ballard-Pictured Cliffs Pool in Rio Arriba, Sandoval and San Juan Counties, New Mexico, to include therein:

TOWNSHIP 22 NORTH, RANGE 2 WEST, NMPM

Section 6: N/2 & SE/4
Section 7: NE/4
Section 8: W/2

TOWNSHIP 23 NORTH, RANGE 3 WEST, NMPM

Section 15: S/2
Section 16: S/2
Section 21: All
Section 22: All
Section 23: All
Section 26: N/2
Section 27: N/2 & SE/4
Section 28: NE/4

TOWNSHIP 23 NORTH, RANGE 4 WEST, NMPM

Section 24: NE/4

TOWNSHIP 23 NORTH, RANGE 5 WEST, NMPM

Section 14: NW/4

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPM

Section 17: SW/4
Section 20: N/2

(h) Extend the Blanco-Mesaverde Pool in Rio Arriba and San Juan Counties, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM

Section 8: E/2
Section 9: All
Section 10: W/2
Section 14: N/2

TOWNSHIP 27 NORTH, RANGE 9 WEST, NMPM

Section 9: SE/4
Section 34: S/2

TOWNSHIP 28 NORTH, RANGE 9 WEST, NMPM

Section 7: All (Partial)
Section 18: All
Section 19: All
Section 31: W/2

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM

Section 13: E/2

(i) Extend the Blanco-Pictured Cliffs Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 29 NORTH, RANGE 7 WEST, NMPM

Section 30: SW/4
Section 31: W/2

TOWNSHIP 29 NORTH, RANGE 8 WEST, NMPM

Section 5: SE/4	Section 25: W/2 & SE/4
Section 8: S/2	Section 26: E/2
Section 14: N/2	Section 33: W/2
Section 15: S/2	Section 34: NE/4
Section 16: S/2	Section 35: N/2
Section 17: S/2 & NE/4	Section 36: N/2
Section 23: SE/4	

TOWNSHIP 29 NORTH, RANGE 9 WEST, NMPM

Section 6: S/2
Section 7: All
Section 18: NE/4

TOWNSHIP 30 NORTH, RANGE 9 WEST, NMPM

Section 14: NE/4

TOWNSHIP 30 NORTH, RANGE 10 WEST, NMPM

Section 2: All	Section 14: NE/4
Section 5: SE/4	Section 15: SW/4
Section 6: NE/4	Section 16: N/2 & SE/4
Section 9: NE/4	Section 22: SE/4
Section 10: N/2	Section 23: S/2
Section 11: All	Section 24: SW/4
Section 12: SW/4	Section 25: All
Section 13: All	Section 26: NE/4

TOWNSHIP 31 NORTH, RANGE 9 WEST, NMPM

Section 31: S/2

TOWNSHIP 31 NORTH, RANGE 10 WEST, NMPM

Section 18: SW/4	Section 32: E/2
Section 29: SE/4	Section 35: S/2
Section 31: S/2	Section 36: S/2

TOWNSHIP 31 NORTH, RANGE 11 WEST, NMPM

Section 3: All	Section 12: All
Section 4: All	Section 13: E/2
Section 5: N/2 & SE/4	Section 14: N/2
Section 8: SW/4	Section 17: N/2
Section 9: N/2	Section 23: W/2
Section 10: N/2	Section 25: SW/4
Section 11: All	

TOWNSHIP 32 NORTH, RANGE 11 WEST, NMPM

Section 21: E/2	Section 32: All
Section 22: SW/4	Section 33: All
Section 27: All	Section 34: All
Section 28: All	Section 35: S/2
Section 29: N/2 & SE/4	

(j) Extend the South Blanco-Pictured Cliffs Pool in Rio Arriba, Sandoval and San Juan Counties, New Mexico, to include therein:

TOWNSHIP 23 NORTH, RANGE 1 WEST, NMPM
Section 8: SE/4

TOWNSHIP 25 NORTH, RANGE 6 WEST, NMPM
Section 9: E/2 Section 16: NE/4

TOWNSHIP 27 NORTH, RANGE 6 WEST, NMPM
Section 17: NE/4

TOWNSHIP 28 NORTH, RANGE 6 WEST, NMPM
Section 26: SW/4 Section 35: W/2
Section 27: E/2 Section 36: NW/4

TOWNSHIP 28 NORTH, RANGE 7 WEST, NMPM
Section 16: E/2

TOWNSHIP 28 NORTH, RANGE 8 WEST, NMPM
Section 8: All (Partial) Section 18: E/2
Section 9: All (Partial) Section 19: NE/4
Section 14: W/2 & SE/4 Section 20: NW/4
Section 15: N/2 Section 23: NE/4
Section 16: NE/4 Section 24: W/2 & SE/4
Section 17: All Section 25: N/2

(k) Extend the Choza Mesa-Pictured Cliffs Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 4 WEST, NMPM
Section 23: W/2

(l) Extend the Flora Vista-Fruitland Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 30 NORTH, RANGE 12 WEST, NMPM
Section 1: SW/4
Section 2: S/2
Section 3: SE/4

(m) Extend the South Gallegos-Fruitland Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM
Section 1: SW/4

(n) Extend the Gonzales-Mesaverde Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM
Section 4: SW/4 Section 9: NW/4
Section 5: SE/4

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM

Section 29: SW/4 Section 32: W/2
Section 31: S/2

(o) Extend the Hospah-Dakota Oil Pool in McKinley County, New Mexico, to include therein:

TOWNSHIP 17 NORTH, RANGE 8 WEST, NMPM

Section 5: SW/4 SW/4 Section 7: N/2 NE/4
Section 6: SE/4 SE/4

(p) Extend the Kutz-Fruitland Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 11 WEST, NMPM

Section 13: W/2

(q) Extend the Largo-Chacra Pool in Rio Arriba & San Juan Counties, New Mexico, to include therein:

TOWNSHIP 27 NORTH, RANGE 8 WEST, NMPM

Section 10: NE/4	Section 16: S/2
Section 11: All	Section 17: SE/4
Section 13: W/2 & SE/4	Section 23: N/2
Section 14: All	Section 25: W/2
Section 15: S/2	Section 26: E/2

(r) Extend the South Lindrith-Gallup Dakota Oil Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 4 WEST, NMPM

Section 21: SE/4 Section 28: N/2 & SW/4

(s) Extend the Lone Pine-Dakota D Oil Pool in McKinley County, New Mexico, to include therein:

TOWNSHIP 17 NORTH, RANGE 8 WEST, NMPM

Section 7: S/2 NE/4 Section 8: W/2 NW/4

(t) Extend the North Los Pinos-Fruitland Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 32 NORTH, RANGE 8 WEST, NMPM

Section 13: SE/4

(u) Extend the Otero-Chacra Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM

Section 2: SW/4	Section 12: W/2
Section 3: SE/4	Section 14: NW/4
Section 10: SE/4	Section 15: NE/4
Section 11: S/2 & NE/4	

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM

Section 31: W/2 Section 32: SW/4

TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM

Section 21: SW/4 Section 33: E/2
Section 26: NW/4 & SE/4 Section 34: All
Section 27: All Section 36: S/2

TOWNSHIP 26 NORTH, RANGE 7 WEST, NMPM

Section 11: N/2

(v) Extend the Pinon-Fruitland Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 11 WEST, NMPM

Section 8: All (Partial)
Section 9: All (Partial)

(w) Extend the Tapacito-Pictured Cliffs Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPM

Section 21: NE/4

TOWNSHIP 27 NORTH, RANGE 5 WEST, NMPM

Section 6: SE/4 Section 27: N/2
Section 15: SE/4

(x) Extend the Tocito Dome-Pennsylvanian D Oil Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 18 WEST, NMPM

Section 26: NW/4 Section 27: NE/4

(y) Extend the Ute Dome-Dakota Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 31 NORTH, RANGE 14 WEST, NMPM

Section 10: All Section 11: All

TOWNSHIP 32 NORTH, RANGE 14 WEST, NMPM

Section 25: E/2

(z) Extend the Ute Dome-Paradox Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 31 NORTH, RANGE 14 WEST, NMPM

Section 10: All

TOWNSHIP 32 NORTH, RANGE 14 WEST, NMPM

Section 25: All

314 SECURITY NATIONAL BANK BUILDING

PHONE 622-3770

CHARLES B. READ
PRESIDENT

NORMAN L. STEVENS, JR.
VICE-PRESIDENT

JOHN L. ANDERSON, JR.
EXPLORATION MANAGER

Read & Stevens, Inc.

Oil Producers

P. O. Box 2126

Roswell, New Mexico 88201

October 25, 1973

gud-151

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: R&S #335, Lone Star Producing Company,
Application to Dispose of Salt Water,
Trace Papalotes Field
Lea County, New Mexico.

Gentlemen:

This is to advise that Read & Stevens, Inc. has no objection to the Application For Salt Water Disposal submitted by Lone Star Producing Company dated October 22, 1973. Said application covers their State (80) #1 Well located in Section 33, Township 14 South, Range 34 East, Unit B.

Read & Stevens, Inc. owns a leasehold interest in the NW/4 NW/4 Section 4, Township 15 South, Range 34 East. Should you require some further action on our part please advise.

Very truly yours,

READ & STEVENS, INC.

Carl A. Schellinger
Carl A. Schellinger

CAS:sw

CC Mr. J. A. Dow
Lone Star Producing Co.

Case 2720

Memo

From
CARL ULVOG
SENIOR
PETROLEUM GEOLOGIST

To J. D. Ramey:

Looks like Administrative
Order can handle this. What
do you say?

C.U.

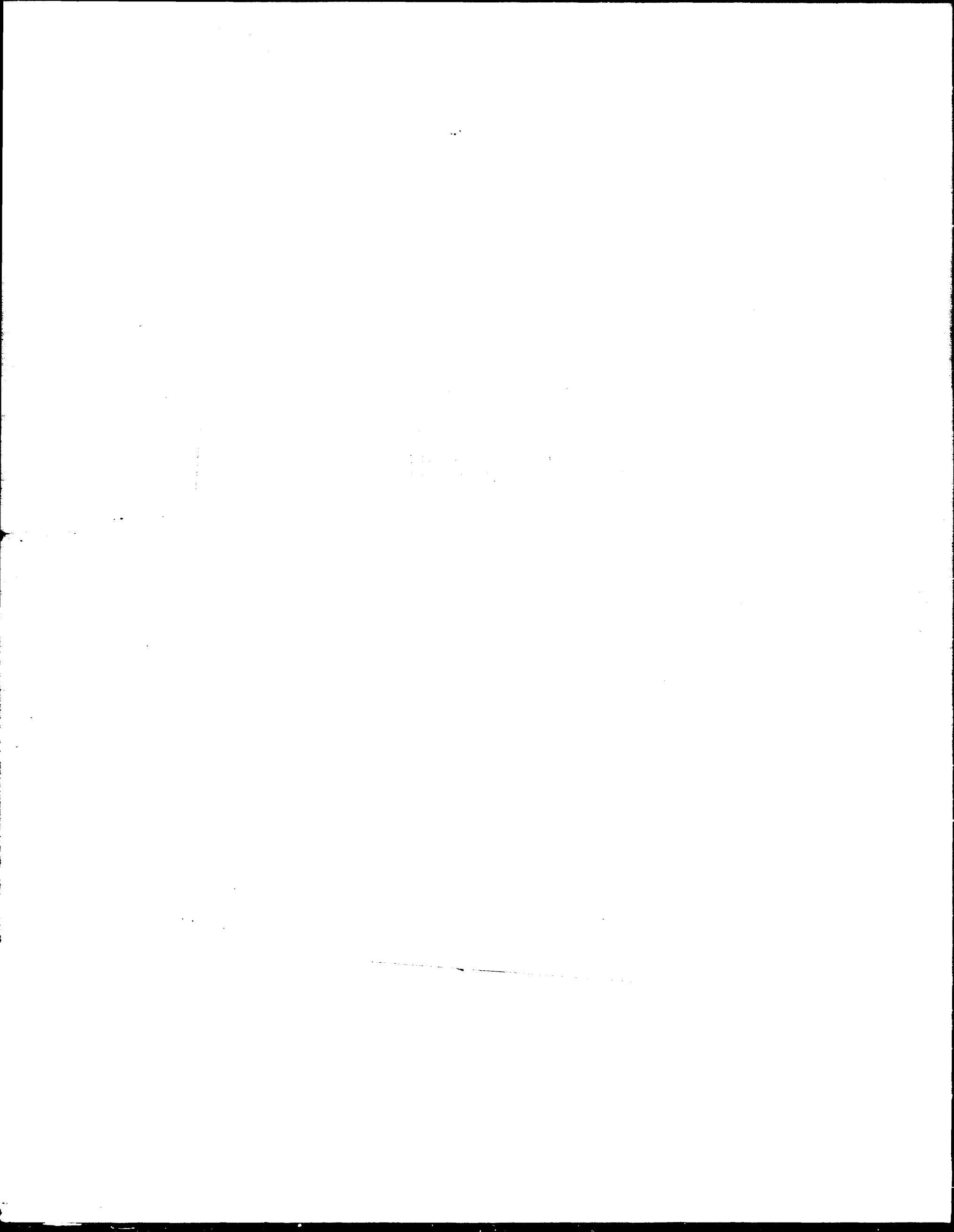
I've got the logs - will send
them after Order is written,
unless we need for hearing.
OK?

Carl:

Looks OK for SWD.
Will they need a hearing
for a multiple completion?

JHR

Other mail





Lone Star Producing Company

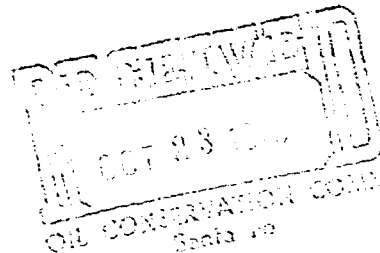
BRANDON C. SMITH
District Engineer
West Texas District
Production Department

Telephone: AC 915 682-5221

October 22, 1973

Suite 300 Commercial
Bank Tower Building
P.O. Box 4815
Midland, Texas 79701

New Mexico Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico 87501



Re: Application To Dispose Of Salt Water
By Injection Into A Porous Formation
New Mexico State (80) No. 1
Tres Papalotes Field
Lea County, New Mexico

Dear Sir:

We are attaching our application for salt water disposal by injection into the San Andres zone from 4,950 feet to 5,750 feet in our New Mexico State (80) No. 1 well located in Section 33, T-14-S, R-34-E, Unit B, Lea County, New Mexico.

The New Mexico State (80) No. 1 is currently producing from the Pennsylvanian formation and is one of our three producing wells in Tres Papalotes Field. The source of the proposed injection water is from the three producing wells and the anticipated daily injection volume is 225 barrels, with approximately 1200 Psi injection pressure. The proposed injection procedure is in the annulus between the 8-5/8 inch and the 5-1/2 inch casing strings.

Yours very truly,

LONE STAR PRODUCING COMPANY

J. A. Dow
Petroleum Engineer

JAD/ja

Encls: Form C-108, Diagrammatic Sketch, Electric Logs, Plat, Mailing List
cc: Surface Owner and Offset Operators, w/Encl.

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR Lone Star Producing Company		ADDRESS Box 4815, Midland, Texas 79701	
LEASE NAME New Mexico State (80)	WELL NO. 1	FIELD Tres Papalotes	OIL CONSERVATION COMMISSION Santa Fe Lea
LOCATION UNIT LETTER B ; WELL IS LOCATED 1980 FEET FROM THE East LINE AND 660 FEET FROM THE North LINE, SECTION 33 TOWNSHIP 14 South RANGE 34 East NMPM.			

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING 48#	13-3/8" OD	416'	400 Class H	Circulated	
INTERMEDIATE 24# & 32#	8-5/8" OD	4,530'	400 Lite Wt. 100 L.S.Incore	915'	Calculated
LONG STRING 15.5# & 17#	5-1/2" OD	10,708'	460 Class H	7,580'	Calculated
TUBING 2-3/8"	10,406'	NAME, MODEL AND DEPTH OF TUBING PACKER Baker Model "R" set at 10,406'			
NAME OF PROPOSED INJECTION FORMATION San Andres		TOP OF FORMATION 4,495'		BOTTOM OF FORMATION 6,000'	
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Annulus		PERFORATIONS OR OPEN HOLE? Open hole		PROPOSED INTERVAL(S) OF INJECTION 4,950'-5,750'	
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No		IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Well is currently producing from Pennsylvanian		HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? Yes	
LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH 10,468'-10,474' & 10,481'-10,488' (These perforations still open)					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA Unknown		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA None		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA Pennsylvanian 10,356'-10,550'	
ANTICIPATED DAILY INJECTION VOLUME (BBL/D) 225	MINIMUM 150	MAXIMUM 300	OPEN OR CLOSED TYPE SYSTEM Closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Pressure	APPROX. PRESSURE (PSI) 1200
ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE - Yes			WATER TO BE DISPOSED OF Yes		
			NATURAL WATER IN DISPOSAL ZONE Yes		
			ARE WATER ANALYSES ATTACHED? No		
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) Mr. Troy Fort, Lovington, N. M. (505 - 396-2242) - Tatum, N. M. (505 - 398-6467)					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL Sun Oil Company, P. O. Box 1861, Midland, Texas 79701 Coquina Oil Corporation, 200 Building of the Southwest, Midland, Texas 79701 J. M. Kelly, P. O. Box 310, Roswell, New Mexico 88201					
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?		SURFACE OWNER Yes		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL Yes	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)?		PLAN OF AREA Yes		ELECTRICAL LOG Yes	
				DIAGRAMMATIC SKETCH OF WELL Yes	

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

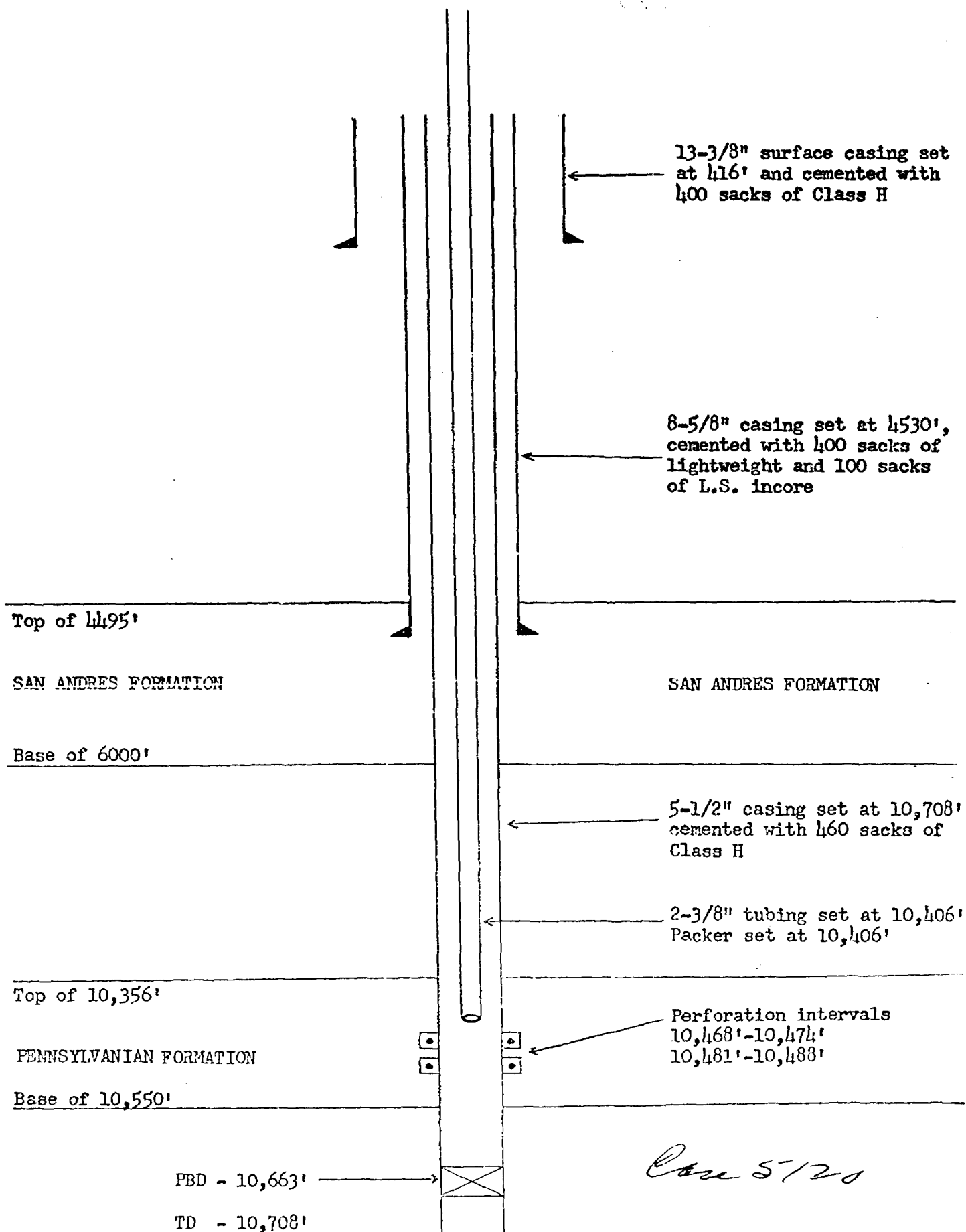
Joseph A. Dow J. A. Dow Petroleum Engineer October 22, 1973
(Signature) (Title) (Date)

NOTE: Should waivers from the surface owner and all operators within one-half mile of the proposed injection well not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests. SEE RULE 701.

Page 5120

LONE STAR PRODUCING COMPANY
NEW MEXICO (80) STATE NO. 1
Sec. 33, T-14-S, R-34-E

DIAGRAMMATIC SKETCH OF SALT WATER
DISPOSAL WELL



SURFACE OWNER AND OFFSET OPERATORS MAILING LIST

Mr. Troy Fort (Surface Owner)
Lovington, New Mexico 88260

Chevron Oil Company
Box 1660
Midland, Texas 79701

Coquina Oil Corp.
200 Building of the Southwest
Midland, Texas

Elk Oil Company
P. O. Box 310
Roswell, New Mexico 88201

Felmont Oil Corp.
P. O. Box 1855
Midland, Texas 79701

Mr. J. M. Kelly
P. O. Box 310
Roswell, New Mexico 88201

Mesa Petroleum Company
904 Gihls Tower
Midland, Texas 79701

Read & Stevens Inc.
P. O. Box 2126
Roswell, New Mexico 88201

Southland Royalty Company
1405 Wilco Building
Midland, Texas 79701

Sun Oil Company
P. O. Box 1861
Midland, Texas 79701

Union Oil Co. of California
P. O. Box 3100
Midland, Texas 79701

Case 5-120



Lone Star Producing Company

BRANDON C. SMITH
District Engineer
West Texas District
Production Department

Telephone: AC 915 682-5221

October 22, 1973

Suite 300 Commercial
Bank Tower Building
P.O. Box 4815
Midland, Texas 79701

New Mexico Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico 87501

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By Injection Into A Porous Formation
New Mexico State (80) No. 1
Tres Papalotes Field
Lea County, New Mexico

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Yours very truly,

LONE STAR PRODUCING COMPANY

J. A. Dow
J. A. Dow
Petroleum Engineer

JAD/ja

Encls: Form C-108, Diagrammatic Sketch, Electric Logs, Plat, Mailing List
cc: Surface Owner and Offset Operators, w/Encl.

DOCKET MAILED

Date 11-16-73

Case 5120
Form C-108
Revised 3-1-68

NEW MEXICO OIL CONSERVATION COMMISSION
APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR Lone Star Producing Company		ADDRESS Box 4815, Midland, Texas 79701			
LEASE NAME New Mexico State (80)	WELL NO. 1	FIELD Tres Papalotes	COUNTY Lea		
LOCATION UNIT LETTER B WELL IS LOCATED 1980 FEET FROM THE East LINE AND 660 FEET FROM THE North LINE, SECTION 33 TOWNSHIP 14 South RANGE 34 East NMPM.					
CASING AND TUBING DATA					
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING 48#	13-3/8" OD	416'	400 Class H	Circulated	
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LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL			ARE WATER ANALYSES ATTACHED? No		
Sun Oil Company, P. O. Box 1861, Midland, Texas 79701					
Coquina Oil Corporation, 200 Building of the Southwest, Midland, Texas 79701					
J. M. Kelly, P. O. Box 310, Roswell, New Mexico 88201					
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?					
SURFACE OWNER Yes		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL Yes			
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)? Yes		ELECTRICAL LOG Yes		DIAGRAMMATIC SKETCH OF WELL Yes	

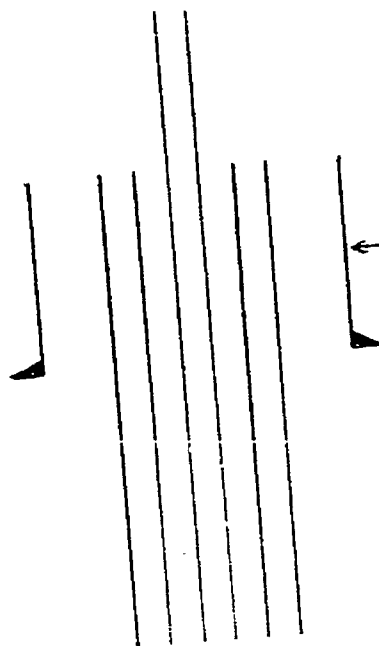
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

J. A. Dow J. A. Dow Petroleum Engineer October 22, 1973
(Signature) (Title) (Date)

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LONE STAR PRODUCING COMPANY
NEW MEXICO (80) STATE NO. 1
Sec. 33, T-14-S, R-34-E

DIAGRAMMATIC SKETCH OF SALT WATER
DISPOSAL WELL



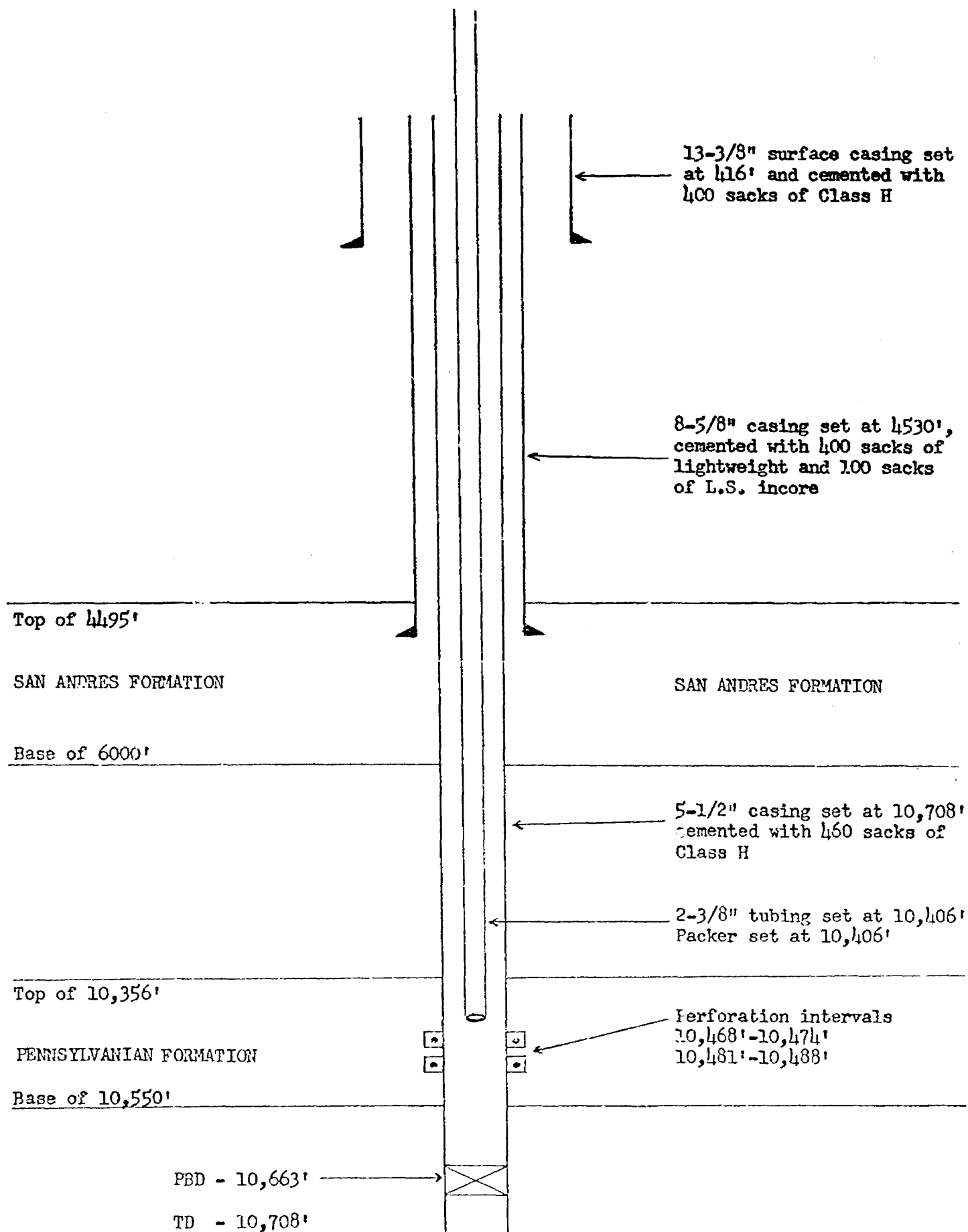
13-3/8" surface casing set
at 416' and cemented with
400 sacks of Class H

8-5/8" casing set at 1,530'

Cor 5120

LONE STAR PRODUCING COMPANY
NEW MEXICO (80) STATE NO. 1
Sec. 33, T-14-S, R-34-E

DIAGRAMMATIC SKETCH OF SALT WATER
DISPOSAL WELL



Case 5120

SURFACE OWNER AND OFFSET OPERATORS MAILING LIST

Mr. Troy Fort (Surface Owner)
Lovington, New Mexico 88260

Chevron Oil Company
Box 1660
Midland, Texas 79701

Coquina Oil Corp.
200 Building of the Southwest
Midland, Texas

Elk Oil Company
P. O. Box 310
Roswell, New Mexico 88201

Felmont Oil Corp.
P. O. Box 1855
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Mr. J. M. Kelly
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Roswell, New Mexico 88201

Mesa Petroleum Company
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Midland, Texas 79701

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Roswell, New Mexico 88201

Southland Royalty Company
1405 Wilco Building
Midland, Texas 79701

Sun Oil Company
P. O. Box 1861
Midland, Texas 79701

Union Oil Co. of California
P. O. Box 3100
Midland, Texas 79701

DRAFT

dr/

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE NO. 5120

Order No. R- 70-76

APPLICATION OF LONE STAR PRODUCING
COMPANY FOR A DUAL COMPLETION AND
SALT WATER DISPOSAL, LEA COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause was to have come on for hearing at 9 a.m. on
January 16, 1974, at Santa Fe, New Mexico, before Examiner
Richard L. Stamets.

NOW, on this _____ day of January, 1974, the Commission,
a quorum being present, having ~~considered the record and the~~
~~recommendations of the Examiner,~~ and being fully advised in the
premises,

FINDS:

That at the request of applicant, the above-captioned case
should be dismissed.

IT IS THEREFORE ORDERED:

That Case No. 5120 is hereby dismissed.

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