CASE 4182: Appli. of FRANKLIN, ASTON & FAIR, INC. FOR AN EXCEPTION TO ORDER NO. R-3221.

Lase Number.

Application

Transcripts.

Small Exhibits

SPECIALIZING IN. DEPCISITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTION

1120 SIMMS BLDG. • P. O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
August 6, 1969

EXAMINER HEARING

IN THE MATTER OF:

Application of Franklin, Aston) and Fair, Inc., for an exception) to Order No. R-3221, as amended,) Eddy County, New Mexico.

) - Case No. 4182

BEFORE: Daniel S. Nutter, Examiner

TRANSCRIPT OF HEARING



ĪNDEX

GRANT M. SMITH	Page
Direct Examination by Mr. Kellahin	3
Cross Examination by Mr. Nutter Redirect Examination by Mr. Kellahin	13 ***
Recross Examination by Mr. Nutter	, 16
	18

$\underline{\mathtt{E}} \ \underline{\mathtt{X}} \ \underline{\mathtt{H}} \ \underline{\mathtt{I}} \ \underline{\mathtt{B}} \ \underline{\mathtt{I}} \ \underline{\mathtt{T}} \ \underline{\mathtt{S}}$

Applicant's	Exhibits Nos	1 41		Marked	Offered and Admitted
		+ urough	4	3	, 13

MR. NUTTER: Case No. 4182.

MR. HATCH: Case No. 4182. Application of Franklin, Aston and Fair, Incorporated for an exception to Order No. R-3221, as amended, Eddy County, New Mexico.

MR. KELLAHIN: If the Examiner please, this is Jason Kellahin of Kellahin and Fox, Santa Fe, appearing for the Applicant. We have one witness I would like to have sworn.

(Whereupon, Applicant's Exhibits Nos. 1 through 4 were marked for identification.)

(Witness sworn)

GRANT M. SMITH

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

DIRECT EXAMINATION

BY MR. KELLAHIN:

- Q Would you state your name, please?
- A I am Grant M. Smith.
- Q By whom are you employed and in what position, Mr. Smith?
- A I am a geologist för Franklin, Aston and Fair, Incorporated, Roswell, New Mexico.
 - Now, you have testified before the New Mexico Oil

Conservation Commission and made your qualifications as a geologist a matter of record?

A Yes, sir.

MR. KELLAHIN: Are the witness' qualifications acceptable?

MR. NUTTER: Yes, they are.

BY MR. KELLAHIN:

Q Mr. Smith, are you familiar with the Application of Franklin, Aston and Fair in Case No. 4182?

A Yes, sir.

Q Briefly, what is proposed by the Applicant in this case?

A It is an Application to dispose of produced water from oil wells in the Loco Hills area in surface pits.

Q In connection with the Application, the McIntyre "A" Well, No. 4 was erroneous in its designation?

A It is 4.

Q It is 4 and it should be McIntyre "A" No. 4 and McIntyre "A" Well, No. 5, is that correct?

A Right.

Q And not No. 1 as appears on the Application.

Now, Mr. Smith, in connection with this Application, have you made an examination of the area in which these wells

are located?

Yes, sir.

Q Now, referring to what has been marked as Applicant's Exhibit No. 1, would you identify that Exhibit and discuss the information shown on 16?

This is a land map showing the location of oil wells in the Loco Hills area. Ownership and also colored in yellow are the Franklin, Aston and Fair leases involved in the Application.

Now, in connection with each one of these leases there appears an arrow and the well designation and information on the water production, is that correct?

Was that the actual production for the month of May, 1969?

Yes, sir.

On each one of these leases?

A Yes, sir.

È ...

Where are the disposal pits that you propose to use located?

It doesn't show up very well on this exhibit, but the wells are shown and the disposal pits are usually 150 feet or so from the well, and they are marked in blue on

these exhibits. I would like to draw attention to the Masteller "B" No. 1 Well in Section 17 of 18 South, 30 East.

The disposal pit for this well would be across the section line in Unit "O" of Section 8.

- Q Unit "O" of Section 8?
- A---Yes
- Q Can you give the Unit location and Section number for the other disposal pits?
- A For the Nelson No. 3 in Section 4 of 18-30, the disposal pit would be in Unit "E".
 - Q Of that same section?
- A Yes. For the McIntyre wells, it would be in Unit "P" of Section 20 of 17-30, and I would like to point out that the road as shown on that map is wrong. It wouldn't be going across. In reality, this road goes right along the east side of this location. For the State 1-A in Section 36 of 17-29, the disposal pit would be in that Unit, Unit "O".
- Q On the McIntyre wells, you are using only one pit for 2 wells?
 - A Yes, sir.
 - Q And each of the other wells has a separate pit?
 - A Yes, sir.

Now, on the extreme righthand side of the exhibit there appears a small red triangle. What does that signify?

- A -On the right or the left?
- Q On the left.
- A This represents windmills or water wells in this general area.
- Q There is only one shown on this particular exhibit. Are you familiar with this area personally, Mr. Smith?
 - Yes, I have been going through it for some time.
 - Q Do you know whether it is in operation at the present time?
 - A I think that this well in Section 35 is in operation. The one in Section 24, I believe, is in operation. Some of these may be gyped-up and I don't know for sure whether they are operating.
 - Q I show you what has been marked as Exhibit No. 2. Would you identify that exhibit, please?
 - A This was taken from the ground water report No. 3 showing the outcrop of geologic formations at the surface in this general area. It also shows the windmills marked with red triangles. It shows the oil wells

producing water that are concerned in this Application.

- Q What formation would those wells be producing from?
 - A The water wells?
 - Q Yes, sir, the water wells?
- A I don't have the exact information as to their depth, but I would imagine it is probably from the Rustler.
 - Q There is no Ogalala present in this area, is there?
- A The only Ogalala that I am aware of is shown in the excreme upper righthand corner in Section 16 South, 31 East, which would be above the area involved and beyond contamination.
- Q I refer you to what has been marked as Exhibit No. 3. Can you identify that Exhibit?
- A This is a reproduction of the ground water report N^{O} . 3 showing wells and springs and the availability of ground water in this general area.
- Q Again, there appears some small red triangles on this exhibit. Is that --
- A (Interrupting) These still represent the wells previously mentioned.
 - Q What is the closest well to any of your pits?
 - A It appears that the well northwest of our

State "A" No. 1 in Section 36 of 17-30. This windmill is in the NW NW of Section 35 of 17-30, a mile and a half or two miles away.

Q All the other wells are two or more miles away, are they not?

A Yes, sir.

Q From any disposal pit. Now, referring to what has been marked as Exhibit No. 4, would you identify that exhibit?

A This is also a reproduction of the ground water report N_0 . 3 showing some of the surface features in this area, their names, and it also shows the general direction of movement of ground water. It also shows the previously mentioned windmills and wells that are producing water.

Q How long have these wells been producing, Mr. Smith, just generally?

A I don't know.

Q They have been producing for many years, have they not?

A Yes, sir.

Q Has there been any increase in the amount of water being produced?

A Are you referring to the water wells or the oil wells?

- Q The oil wells.
- A Well, the oil wells, I will have to correct that statement if you are referring to the oil wells. The water production in the Nelson Well has remained quite constant. This is the well in Section 4 of 18-30.

 The Masteller No. 1 in Section 17 of 18-30 has remained constant. The State "A" No. 1 in Section 36 of 17-29 is a re-entry of an old injection in the Neumont Water Flood. We carried it on through the Metex and Premier. Its water is holding constant, about 20 barrels per day. This well was just completed last year.
- Q That well has been abandoned as a water injection well?
 - A That's right.
- Q But has been re-completed in a zone other than that in which water was being injected?
 - A That's right.
 - What zone is it completed in now?
- A It is completed in the Premier and it has some perforations in the Metex. We are a little undecided right now just exactly how much is coming from which zone. We had a terrible problem fighting the water from the Loco Hills water flood and we carried this well on deeper

and we shut it off until we ran a casing in this re-entry.

- Q So the State 1-A is producing from the Premier and the Metex or the Metex. The Nelson No. 3, is that San Andres?
 - A San Andres well.
- Q Would you anticipate there would be an increase in the water production from that well?
- A Not from the way it has behaved, I don't believe it will be. McIntyre 4-A and 5A -- to refer to your previous question -- we originally water free on completion. Water has increased, however, at the present time, we are producing it just about pump capacity, and I don't anticipate an increase in the water from them, only as this would relate to a decrease in the oil. We have no prans of installing larger pumps at this stage. They are too near the stripper stage.
- Q And the Masteller well is producing from the Loco Hills?
 - A Loco Hills, correct.
- Q Would you anticipate that the water production there would increase?
 - A No, sir. It doesn't show any indication of it.
 - Now, on the basis of your examination of this

area and your familiarity with the presence of water wells, in your opinion would the continued use of surface pits for water disposal as applied for here, cause any damage to any fresh water supplies either on the surface or underground?

- No, sir. I looked through many of these old records that I could find. Reports of fresh water were very scarce. In talking with people in this area, we have found or I have found no instance where water wells in this area that the water is being used for domestic purposes. What ground water is used, is for stock use only.
- Now the closest disposal pit to any water well is your disposal pit for the State A No. 1. In reference to Exhibit No. 4, would that indicate that the water movement, if there were any drainage from that pit, would be toward this water well?
- A No, sir, I don't believe that it would show that there would be contamination from this well.
- In your opinion, would it be physically possible for any contamination to reach that well from this pit?
 - A I don't believe so.
- Q Were Exhibits 1 through 4 prepared by you or under your supervision?

A Yes, sir.

MR. KELLAHIN: I now offer in evidence, Exhibits

1 through 4, inclusive.

MR. NUTTER: Applicant's Exhibits 1 through 4 will be admitted in evidence.

(Whereupon, Applicant's Exhibits Nos. 1 through 4 were offered and admitted in evidence.)

MR. KELLAHIN: That!sall I have, Mr. Examiner.

CROSS EXAMINATION

BY MR. NUTTER:

Q Mr. Smith, referring to your Exhibit No. 3 here, the well which is down here in Section 24 has a figure beside that triangle and part of that number has been obliterated by the triangle on this particular exhibit.

Could you tell me what that number is? That would represent the depth to the water?

A The depth to the water? That would be, I think, 158.

158, correct.

- Q You don't happen to know the depth of this well?
- A No, sir.
- Q What about the well up here just west of your State No.1, what is the depth of this, do you know?
 - A No, sir, I don't know. I checked with the Bureau

of Land Management in Roswell on some of these wells and some of them have pencil notes beside them that were rather hard to make out. I notice in one or two cases in wells in this general area, they have just the word "out" written beside it. I don't know whether this meant the well was no longer producing or what it did mean, really.

Q You may have presented those figures and I missed them, Mr. Smith, but what is the oil production per day from each of these various wells?

No. 3 is making approximately 100 barrels a month.

The Masteller No. 1 is producing about the same amount.

The State "A" No. 1 is producing about 300 barrels a month. The McIntyre wells are producing in the neighborhood of 50 barrels a day -- 1000 barrels a month. It will vary some.

Q The McIntyre wells are the only ones that are making substantial quantities of water then?

A That is correct.

MR. NUTTER: Are there ay further questions of Mr. Smith?

You may be excused.

(Witness excused.)

MR. NUTTER: Do you have anything further,

Mr. Kellahin?

MR. KELLAHIN: No, sir, Mr. Examiner. Thank you.

MR. NUTTER: Does anyone have anything they

wish to offer in Case No. 4182?

We will take the case under advisement.

CASE NO. 4182 REOPENED

MR. NUTTER: At the request of the Applicant, we are going to re-open Case No. 4182 for a few minutes.

(Discussion held off the record.)

MR. KELLAHIN: If the Examiner please, the reason for re-opening the case is that it appears that there was a salt water disposal well approved for disposal of water in the vicinity of the McIntyre wells and I wanted to recall the witness to give some explanation as to the situation in regard to that disposal well.

MR. NUTTER: The record will show that Mr. Smith is still under oath in this case.

GRANT M. SMITH

recalled as a witness, having been previously sworn, was examined and testified as follows:

REDIRECT EXAMINATION

BY MR. KELLAHIN:

Mr. Smith, in connection with the disposal of water from the McIntyre wells, what disposal has been made in the past of this water?

We had approval for disposing the salt water from the McIntyre 4-A and 5-A into the Brigham 2-H which is an east offset of the McIntyre 4-A. This was into the Abbo Reef.

What is the situation in regard to that disposal at the present time?

A This well started out very well taking the water on vacuum, but pressure has continued to mount in this well and it will now not dispose of the water produced from the 4 and 5-A.

Q Would it be possible to install additional equipment and continue to use the disposal well?

A It would be possible, but expensive and possibly uneconomical at this point.

Q In your opinion, would the cost be prohibitive?

A Yes, sir,

Q It is essential that you be granted an exception to the provisions of R-3221 for surface disposal of the McIntyre wells?

A Yes, sir.

Q If this is granted, would it be possible to continue producing the wells?

A It will now only take the water produced from the McIntyre 4-A which is about 60 barrels of water per day. We will have to go to the expensive pumping equipment to dispose of the rest of the water.

Q Do you have anything to add?

A No, sir.

RECROSS EXAMINATION

BY MR. NUTTER:

- Q What was the name of the well again, Mr. Smith?
- A Brigham 2-H.
- Q And being in an east offset to your McIntyre
 No. 4, that would probably be covered up by your arrow then?
 - A That's right.
 - Q What zone is the disposal authorized for?
 - A Abbo.
 - Q How much water has been put into that well?
- A The total volume -- I don't have the figure -- they would be pretty much what we are showing per day here for the past -- probably since about February.
 - Q Running close to 200 barrels a day for 5 months?
 - A Right.
- And it took water on a vacuum at first. What pressure is necessary now to get the 60 barrels?
- A Well, it will still take it at a vacuum, but it won't take the water that we are producing. It will take the water from the 4-A.

- Q On a vacuum?
- A Yes.
- Q You haven't put any pressure on the disposal

well then?

A No, sir. It would require an expensive pump to do this. One problem we have run into in our other water disposals is not knowing what pressure it is going to take to dispose of the water, and by the time you get a pump big enough to do it, sometimes you have bought two pumps.

MR. NUTTER: Are there any other questions of

Mr. Smith?

You may be excused.

(Witness excused.)

MR. NUTTER: Do you have anything further,

Mr. Kellahin?

MR. KELLAHIN: No, sir. Thank you.

MR. NUTTER: Does anyone have anything to offer

in Case No. 4182 recalled?

It will be taken under re-advisement and call a 15 minute coffee recess.

STATE OF NEW MEXICO)
) SS.
COUNTY OF SANTA FE)

I, RICHARD L. NYE, Court 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.

COURT REPORTER

My Commission expires April 8, 1971.

I do hereby certify that the foregoing is a complete record of the proceedings in the Exeminer hearing of Case No. 4182 heard by me on 1969

New Mexico Oil Conservation Cognission



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO P. O. BOX 2088 - SANTA FE 87801 GOVERNOR DAVID F. CARGO CHAIRMAN

LAND COMMISSIONER
ALEX J. ARMIJO
MEMBER

STATE GEOLOGIST A. L. PORTER, JR. SECRETARY - DIRECTOR

August 27, 1969

Mr.	Jason Kellahin
Kell	ahin & Fox
Atto	rnevs at Taw
Post	Office Boy 1760
Sant	a Fe. New Mexico
Post	rneys at Law Office Box 1769

Re: Case No. 4182
Order No. R-3820
Applicant:

Pranklin, Aston & Pair, Inc.

Dear Sir:

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

Very truly yours,

A. L. PORTER, Jr. Secretary-Director

ALP/ir	<		
Copy of order also	sent to:		•
Hobbs OCCx			
Artesia OCC_x			
Aztec OCC	*		
OtherStat	e Engineer Offi	ce	

DEFORE THE UIL COMBERVATION 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. 4182 Order No. R-3820

APPLICATION OF FRANKLIN, ASTON & FAIR, INC., FOR AN EXCEPTION TO ORDER NO. R-3221, AS AMENDED, EDDY COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on August 6, 1969, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 27th day of August, 1969, 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 the applicant, Franklin, Aston & Fair, Inc., is the owner and operator of the following-described wells in the Loco Hills Field, Eddy County, New Mexico:

LOCO HILLS-ABO POOL TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM

McIntyre "A" Well No. 4, located in Unit I of Section 20
McIntyre "A" Well No. 5, located in Unit P of Section 20

LOCO HILLS GRAYBURG SAN ANDRES POOL TOWNSHIP 17 SOUTH, RANGE 09 BAST, NMPM State "A" Well No. 1, located in Unit O of Section 36 -4-

CASE No. 4182 Order No. R-3820

LOCO HILLS GRAYBURG-SAN ANDRES POOL TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM

Nelson Well No. 3, located in Unit F of Section 4 Masteller "B" Well No. 1, located in Unit A of Section 17

- (3) That Order (3) of Commission Order No. R-3221, as amended, prohibits in that area encompassed by Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico, the disposal, subject to minor exceptions, of water produced in conjunction with the production of oil or gas, or both, on the surface of the ground, or in any pit, pond, lake, depression, draw, streambed, or arroyo, or in any watercourse, or in any other place or in any manner which would constitute a hazard to any fresh water supplies and said disposal has not previously been prohibited.
- (4) That the aforesaid Order No. R-3221 was issued in order to afford reasonable protection against contamination of fresh water supplies designated by the State Engineer through disposal of water produced in conjunction with the production of oil or gas, or both, in unlined surface pits.
- (5) That the State Engineer has designated, pursuant to Section 65-3-11 (15), N.M.S.A., 1953 Compilation, all underground water in the State of New Mexico containing 10,000 parts per million or less of dissolved solids as fresh water supplies to be afforded reasonable protection against contamination; except that said designation does not include any water for which there is no present or reasonably foreseeable beneficial use that would be impaired by contamination.
- (6) That the applicant seeks an exception to the provisions of the aforesaid Order (3) to permit the disposal of salt water, produced by the above-described wells in unlined surface pitclocated near said wells.
- (7) That there appears to be no shallow fresh water in the vicinity of the subject pits for which a present or reasonably foreseeable beneficial use is or will be made that would be impaired by contamination from the subject pits.
- (8) That the applicant should be permitted to dispose of salt water produced by the above-described wells in unlined surface pits located near said wells.

-3-CASE No. 4182 Order No. R-3820

IT IS THEREFORE ORDERED:

(1) That the applicant, Franklin, Aston & Fair, Inc., is hereby granted an exception to Order (3) of Commission Order No. R-3221, as amended, to dispose into unlined surface pits, water produced in conjunction with the production of oil or gas, or both, by the following-described wells in the Loco Hills Field, Eddy County, New Mexico:

LOCO HILLS-ABO POOL

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM
McIntyre "A" Well No. 4, located in Unit I
of Section 20
McIntyre "A" Well No. 5, located in Unit P
of Section 20

I.OCO HILLS GRAYBURG-SAN ANDRES POOL TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM State "A" Well No. 1, located in Unit O of Section 36

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM
Nelson Well No. 3, located in Unit F of
Section 4
Masteller "B" Well No. 1, located in
Unit A of Section 17

- (2) That the Commission may by administrative order rescind such authority whenever it reasonably appears to the Commission that such rescission would serve to protect fresh water supplies from contamination.
- (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 OID CONSERVATION COMMISSION

AVID F. CARGO, Chairman

ACRX J ARMIJO, Manber

A. L. PORTER, Jr., Member & Secretary

Docket No. 22-69

DOCKET: EXAMINER HEARING - WEDNESDAY - AUGUST 6, 1969

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 Elvis A. Utz, Alternate Examiner:

- CASE 4179: Application of Petroleum Corporation of Texas for an exception to Order No. R-3221, as amended, Eddy County, New Mexico.

 Applicant, in the above-styled cause, seeks an exception to Order No. R-3221, as amended, which order prohibits the disposal of water produced in conjunction with the production of oil on the surface of the ground in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico. Said exception would be for applicant's Flint "B" Federal Well No. 1 located in Unit M of Section 14, Township 17 South, Range 30 East, Grayburg-Jackson Pool, Eddy County, New Mexico. Applicant seeks authority to dispose of salt water produced by said well in an unlined surface pit located in said Unit M.
- CASE 4180: Application of Union Oil Company of California for an exception to Order No. R-3221, as amended, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Order No. R-3221, as amended, which order prohibits the disposal of water produced in conjunction with the production of oil on the surface of the ground in Lea, Eddy. Chaves, and Roosevelt Counties, New Mexico. Said exception would be for applicant's Federal "E" and Federal "F" leases in Section 31, Township 18 South, Range 31 East, Shugart Field, Eddy County, New Mexico. Applicant seeks authority to dispose of salt water produced by wells on said leases in unlined surface pits on the subject leases.
- CASE 4167: (Continued from the July 9, 1969 Examiner Hearing)

 Application of Charles B. Read for a dual completion and salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dually complete his Hobbs "Y" Well No. 1 located in Unit J of Section 29, Township 12

 South, Range 34 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the East Hightower-Pennsylvanian Pool and the disposal of produced salt water through the intermediate casing-production casing annulus into the San Andres, Glorieta, Yeso, and Abo formations in the openhole interval from approximately 4195 feet to 7720 feet.

CASE 4181: Application of J. M. Huber Corporation for a dual completion and salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dually complete its Stoltz Federal Well No. 1 located in Unit J of Section 12. Township 15 South, Range 34 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the Morton-Wolfcamp Pool and the disposal of produced salt water through the 8 5/8 X 4 1/2-inch casing-casing annulus into the San Andres, Tubb, Abo, and possibly other formations in the open-hole interval from approximately 4330 feet to 9750 feet.

CASE 4182:

Application of Franklin, Aston & Fair, Inc. for an exception to Order No. R-3221, as amended, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Order No. R-3221, as amended, which order prohibits the disposal of water produced in conjunction with the production of oil on the surface of the ground in Lea, Eddy, Chaves and Roosevelt Counties, New Mexico. Said exception would be for certain of applicant's Loco Hills Field wells located in Units I and P of Section 20, Township 17 South, Range 30 East, Unit A of Section 17 and Unit F of Section 4, Township 18 South, Range 30 East, and Unit O of Section 36, Township 17 South, Range 29 East, Eddy County, New Mexico. Disposal would be into unlined surface pits in the vicinity of said wells.

- Application of Pan American Petroleum Corporation for a unit agreement, Chaves County, New Mexico. Applicant, in the abovestyled cause, seeks approval of the Cedar Point Unit Area CASE 4183: comprising 5,120 acres, more or less, of State and Federal lands in Township 15 South, Range 30 East, Chaves County, New Mexico.
- (Continued from the July 23, 1969. Examiner Hearing) Application of Pennzoil United, Inc. for special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause. CASE 4172: seeks the promulgation of special pool rules for the East Lovington-Pennsylvanian Pool, Lea County, New Mexico, including a provision for 80-acre oil proration units.
- Application of Pennzoil United, Inc. for the creation of a new oil pool, promulgation of special rules therefor, and a nonstandard oil well location, Lea County, New Mexico. Applicant, CASE 4184: in the above-styled cause, seeks the creation of a new Pennsylvanian oil pool for its Gallagher "8" State Well No. 1 located in the NW/4 NW/4 of Section 8, Township 17 South, Range 34 East, Lea County, New Mexico, and for the promulgation

(Case 4184 continued)

of special rules therefor including a provision for 160acre proration units and well locations in either the Northwest or Southeast quarter of a quarter section. Applicant further seeks an exception to said proposed rules to re-enter its Monsanto Gallagher State Well No. 1 located 660 feet from the South and West lines of said Section 8 and to recomplete said well in the subject pool.

- Application of Pennzoil United, Inc., 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 Wolfcamp oil pool for its Sinclair "6" State Well No. 1 located 660 feet from the South line and 760 feet from the East line of Section 6, Township 17 South, Range 34 East, Lea County, New Mexico, and for the promulgation of special rules therefor including a provision for 160-acre proration units and well locations in either the Northwest or Southeast quarter of a quarter section.
- CASE 4186: Application of Tenneco Oil Company for compulsory pooling and an unorthodox gas well location, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Basin-Dakota Gas Pool underlying the North half of Section 11, Township 29 North, Range 13 West, San Juan County, New Mexico, said acreage to be dedicated to a well to be drilled at an unorthodox gas well location 2250 feet from the North line and 660 feet from the East line of said Section 11. Also to be considered will be the costs of drilling said well, a charge for the risk involved, a provision for the allocation of actual operating costs, and the establishment of charges for supervision of said well.
- CASE 4187: Application of Aztec Oil & Gas Company for the amendment of Administrative Order NWU-341 and Commission Order No. R-2046, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks the amendment of Administrative Order NWU-341 and Commission Order No. R-2046, which orders established, respectively and among other units, certain non-standard gas proration units for the Blanco Mesaverde and Basin-Dakota Pools in Sections 7, 8, 9, 10, 11, 12, 18, and 19, Township 32 North, Range 8 West, San Juan County, New Mexico. Applicant seeks to amend said orders in such a manner as to establish eight coextensive Mesaverde and Dakota gas proration units in Sections 7, 8, 9, 10, 11, 12, and 18, said units to average 318.89 acres each.

Docket No. 22-69

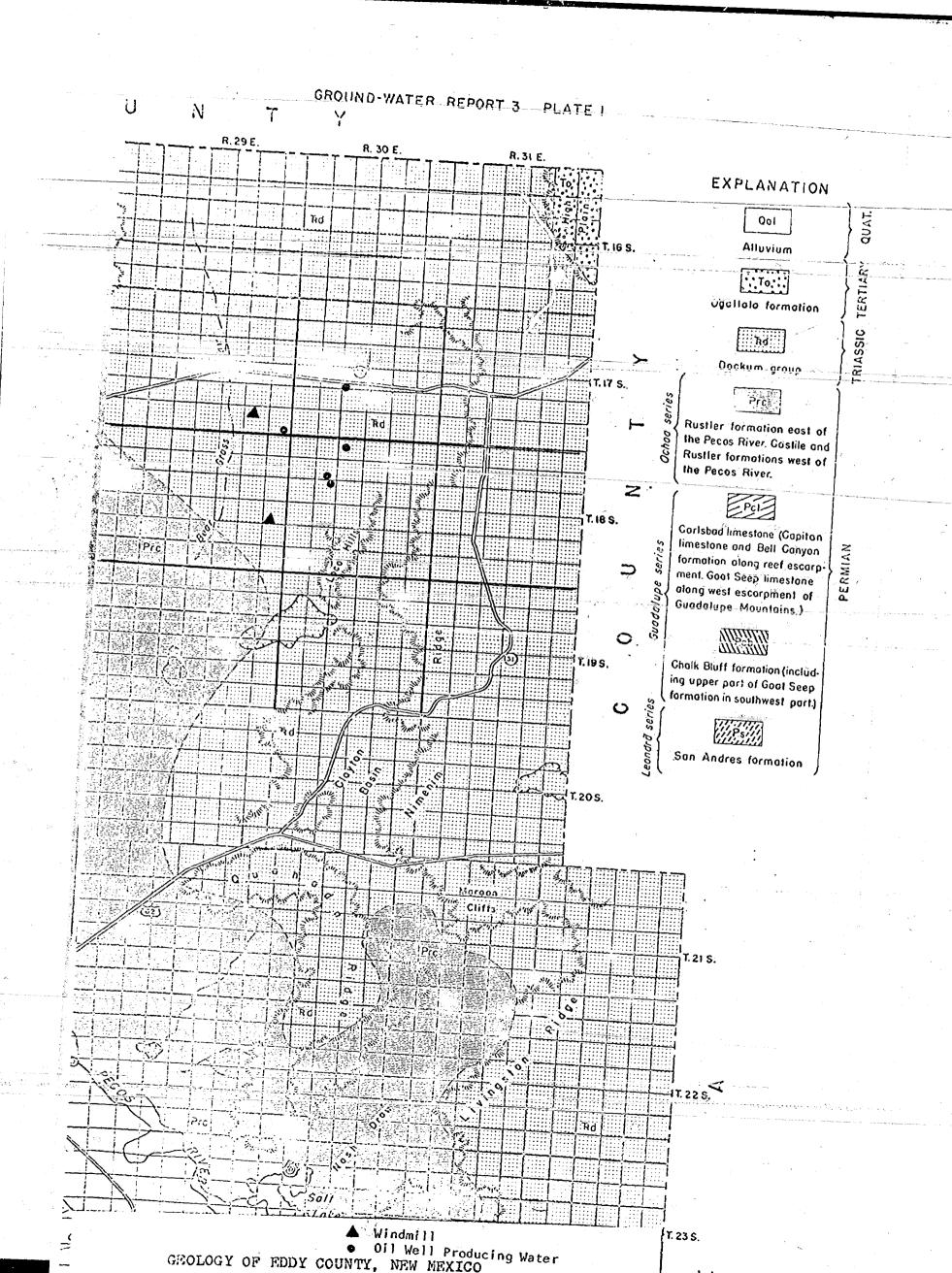
Examiner Hearing - August 6, 1969

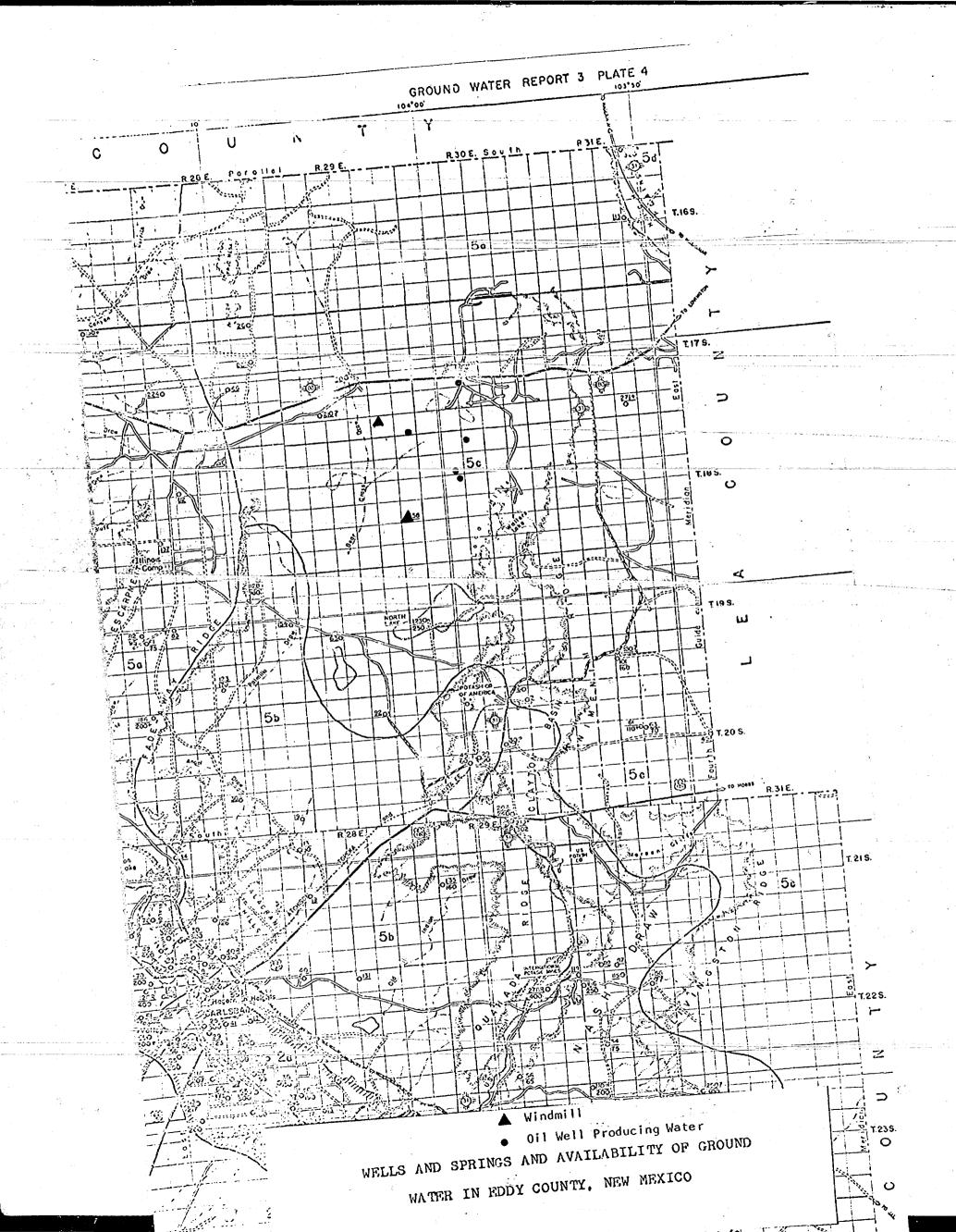
CASE 4188: Application of Coastal States Gas Producing Company for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Lower San Andres formation in the open-hole interval from approximately 5025 feets to 5125 feet in its Santa Fe State Well No. 2 located in Unit F of Section 33, Township 9 South, Range 37 East, West Sawyer-San Andres Pool, Lea County, New Mexico.

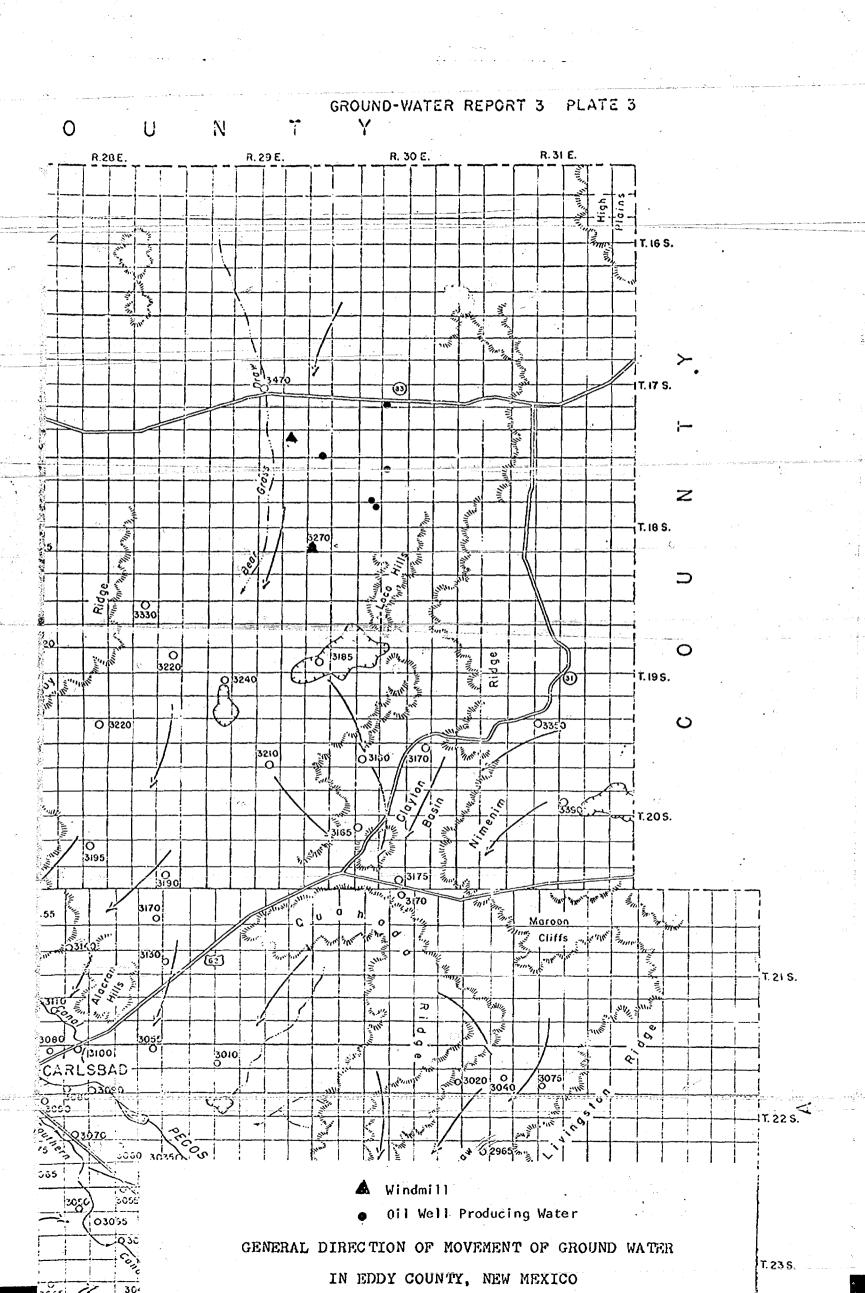
CASE 4189:

Application of Cayman Corporation for an unorthodox oil well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an exception to the well location requirements for the High Plains-Pennsylvanian Pool as promulgated by Rule 4 of Order No. R-2874, to permit the drilling of a well at an unorthodox location in the center of the SE/4 NE/4 of Section 15, Township 14 South, Range 34 East, Lea County, New Mexico.

				<u> </u>	
-12: ··· · · · · · ·	N	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	173 A 1 138 5 19 300 1	erieg & Co. Tracorer 17 7	Omno Highly marcher
at at at at	••	(N/A/A/A/A	11	1011 4 (8. 11. 11. 11. 11. 11. 11. 11. 11. 11. 1	O TOTAL
Surrey (Little	ben Amer.	see 7 Windfahr, and 7	ne liegte Sincles Tall-ve	All amount of the leader	Anadorko
- 1, 0, 040 br	HITH Ata	dembers 0 3067	*** 1 1 1 1 1 1 1 1 1	Taraca Mr.	TE 15.515.5
10 10 A	13 4000 1000	Gen Amec	Sincleir	11 (d) 11	11 1031313 (S)
ρει Ι φ ¹ φ ¹ φ ¹	, <u>}@\$</u> ,	01979)	Bacans F Kifeibia"	18. Horium (Bright & Schiff)	Tille PE ICO
in T		FO U.S. W. O.S.	e ³ v.s		BUPL
11 11.	ettige gest finding	O 16 - Barch . Salitati	Welefare "	10:35 10:31	60
Gen Amer		Gen Amer.	PETCO PIGENAM OF S	PETCO GOO HILL	Sinclair Party 1Serv
	SIA AFIF	7.60	10/110		The state of the s
(62)		Ai I A III	14 54 40 40 40 40 40 40 40 40 40 40 40 40 40		Annie francisco
23	===L011112k==== 1	77 7 - 1-19 1 - M		\$13 P - \$1416'F 12	Selection of the select
GIN KMIG 1 04 04	101	11 11 17	aufijul gliefeiteiteutiju ciel	All a thomas are stall a	PETCO PECCO PECCONNEL POR PERCONNEL PROPERTY PRO
1111 u H	Gint Am fed "Taally"			Mc Intyre A#	5 - 126 BWPD May '69]
• • • • •	19 19 10 10 10 10 10 10 10 10 10 10 10 10 10	0 Gen Amer. 1 . C	Luning grapes	(1) 10 00 00 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	14 14 Gen Rage USer	north to		inclair of Contract Her	ANADARKO (OP
il salame	eliben gan gent	Can fine Con bute	icelal (Francisco Projecto) (Br 10 Free 10	ant j	Plandorto ANADARKO (OP
HACE AND THE OF	14	Bu Eun H		os off Gent Amer.	(6-W1
are summer	" " " " " " " " " " " " " " " " " " "	min ala	E.A.	19468 20 2 2	Translet - 27- The same in the same
. • • 196 • ·	, , , , , , , , , , , , , , , , , , , ,	37377730 ⊗ 1	Ventage 8 A 6 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ecl turn	
	ญี่นั้น	Serly Otto	עעור לי ניע	0.5. Beeten 0	GEN LAMER, L - Weere
	13 21 V.S. 21 V.S.	76-14 000 P	Gen Amer. (511-17:52)	GIRAM O'I GEN O'	GRBG - U.S. PREM. SO. Production
· king.	* Keely*	mm + /2/-	Beesen" # ezasta menes		el ol Sten Article
Sinctoir,	4 (金田) At	Ane / Y GenAmer	. 0. 1	Tonger 191221 App Genames a	0384573 ##61874 Genl. Am
incloir to 11 to			liele 7 70 11 11 11 11 11 11 11 11 11 11 11 11 11	Anoderkel Gentl. Amer.	GEALAMENS ADAT
	RESTRICT	200	Newmont (Correct)	Control of the Contro	100
⁴ ∮ (35 • ⁸ ։		in Amer. Nevmont	Meximoni (Contact of Contact of C	Guil Amer Anadorka	Anodorad (1) 3/ / Anodoran
	11 HB) 70. Lec	n Amer. Angdorko Hermoni	Schourich a Frontin elel	484444	287 40 BWD 324
Terlin. U.S.	W.L. Foy, R.L. Roy	17:11 37 91 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Aurich Ihremort Asten Sereice	# westless # # # # # # # # # # # # # # # # # #	
leiti 163315 Med)	11 1.231 1.231 Action	gt Beiten Beige	charged the amount asten Service the state of the state o	1100	Francian ran dan da
mill H L.Rogi . Yang Pele	fr24, gi pi ol	Newmont 11	at any, towall ton	\$1 (111) 31(3) OD	frunklin kilon bfeir, etol
r.34 [F.33] 17:38	3 Brit. PYoleis	Total State of	Menungy (stat)	Franklin, A. Nell	1 1 4 ±
(1.34 Pr. 1891) 16:38	Tr. 16 17.15 Atment	Cifrates stat) 1 4 1	To bros aleten Effer	1 6 2	
Jun 136 2	- States Part	1174 8 041 F	Coperfer -5- 4 (411)4	4 /10 130	3 elen feethers
li brig Mannell Charli bet	J. SSUE TO ST		·		#8 <i>F</i> 0 -107
1.41 P Te. 30	Sittle Holf Lange	1 เดิมีการ			1
INEWMON	New 1 15 The Wigger	149 7 41			
WEWMUN	Tr. 16 Tr. 15 1 Minroph Tr. 16 Tr. 15 1 Minroph Tr. 27 Tr. 25 1 Tr. 25 1 Minroph Tr. 27 Tr. 25 1 Tr. 25 1 Minroph Tr. 27 Tr. 25 1 Minroph Tr. 27 Tr. 27 Tr. 27 Tr. 2	19 19 1 45 tom Boyd;	vs.	v.j. Netsoa	g.J.
31011	7 17 37816 1018777	of oth U.S. Hombould:	frenklin Asien Sfel Leloi	Metsen ↑ Frenklin Arlan & Feitele	frenktig Asten beeir, afal niram fer
101 1 301 1 5101 1 5101 1 1 5101 1 1 5101 1 1 5101 1 1 1	n't Brintin o' Nawmon's Str. 304 (Bixon Eveles)	19 6.5 Hom Boyd. 19 6.5 Hom Boyd. 10 11 11 11 11 11 11 11 11 11 11 11 11 1	frenklin Asten Sfelgetol	Netsen	frenklin Astens feir, etol tiram fer 1.1-70 G 01150 035916
10 10 00 10 10 10 10 10 10 10 10 10 10 1	AL Brintin Digital Control of Characterists	TAL TO HER PROPERTY AND A PROPERTY A	frenklin Asten Sfelgetol	Helsen	frenktie Asten breit, efol Airam fer
10 10 00 10 10 10 10 10 10 10 10 10 10 1	AL Brintin and Grant Value of Grant	141196 - 1-41196 - 1-41196	frenklin Asten Sfelgetol	Reisen 1 Franklin Asien & Feigelo Fanklin Asien & Feigelo Fare	frenklin Astenbfeir, etol 11-20 G elliss Est friend Passus
10 10 00 10 10 10 10 10 10 10 10 10 10 1	Tr. 39 Wienmont Tr. 39 Winen Evely) Tr. 39 Winen Evely) Tr. 30 Winen Evely) G. (N/TN-unders" uesses G. (N/TN-unders" uesses Tr. 4-Bi Uisen Evely Tr. 13-R. uesses Tr. 13-R. uesses	1/35 3 3 Wetch	frenklin Asten Sfelgetol	Retsen All renklin Atlan & Feigelo Franklin to Franklin Atlan & Feigelo Franklin to Fred Franklin to Fred Franklin to Fred Shell	
10 10 10 10 10 10 10 10 10 10 10 10 10 1	Tr. 39 Warmen Tr. 39 Wisen Evalual G. (N/TSauncher 2 110 Tr. 13-8 Oison 31314 A Oison 31314 A Oison 31314 A Tr. 6 Tr. 6	Type To Welch	frenklin asten breizetot \$45511 SANN TANK B	Reisea	
101 00101 R.L.Roy.73 Tr. 37 Tr. 37 Tr. 35 Tr. 3	G. INTSunders 2 Six 1 Si	Har erei Har	frenklin asion breizerei SAND TANK B TANK B TANK TANK	Reisen	
10 10 10 10 10 10 10 10 10 10 10 10 10 1	Tr. 3-4 String of Harmond Tr. 3-4 String of Harmond G. (N/TSeemberg of String Yell) Tr. 4-Bi of led of Tr. 13-Bi of String Yell Tr. 13-Bi of S	1/23 Tr. 22 Namond Tr. 22 Namond Tr. 24 Namond Tr. 24 Namond Tr. 24 Namond	frenklin asien freizelot 951931 SAND TANK 6 134 14414 Frenklin 1 Mericker	Reisen All Franklin Arien & Feitelo Franklin Arien & Feitelo Franklin Arien & Feitelo Ref Franklin Arien & Feitelo Ref Streeto 41150 Shell Franklin Arien Arien Arien & Shell Franklin Franklin Franklin Shell Franklin Shell Franklin Shell	
10 10 10 10 10 10 10 10 10 10 10 10 10 1	Tr. 3-4 String of Harmond Tr. 3-4 String of Harmond G. (N/TSeemberg of String Yell) Tr. 4-Bi of led of Tr. 13-Bi of String Yell Tr. 13-Bi of S	1/23 Tr. 22 Namond Tr. 22 Namond Tr. 24 Namond Tr. 24 Namond Tr. 24 Namond	Frenklin Asian Freizelos ##### SAND TANK B FRANKA FRANKA A J Sanith essess ###############################	Reises All Frankling of Frankling Arien & Feigelo Frankling of Frankling Rep Frankling of Rep Frankling Rep Shell Frankling Ozenboo Harvey, et al. All 195108 U.S. Frankling Frankling Shell HBP Allan 1.19-75 E-9101 E.Feir Reises LURP 2752	
10:10 0:10:10 R.L.Roy.73 10:10:10 R.L.Roy.73 10:10 R.L.Roy.73 10:10 R.L.Roy.73 10:10 R.L.Roy.73 10:10 R.L.	Tr. 3-4 State of Heavmont of Heave of Hea	1.95 Tr. 22 Namoni Tr. 2A 1.85 Tr. 22 Namoni Tr. 2A 1.85 Tr. 21 Namoni Tr. 2A 1.85 Tr. 2A	Frenklin Asian Freizeror SAND TANK B Frenklin Freizer A J Smith 13 Smith 14 Smith 15 Smith 16 Smith 16 Smith 17 Smith 17 Smith 18 Smi	Reises All Frankling of Frankling Arien & Feigelo Frankling of Frankling Rep Frankling of Rep Frankling Rep Shell Frankling Ozenboo Harvey, et al. All 195108 U.S. Frankling Frankling Shell HBP Allan 1.19-75 E-9101 E.Feir Reises LURP 2752	
LOCOHIL S ORB 10 10 10 10 10 10 10 10 10 10 10 10 10 1	Tr. 3-4 State of Heavmont of Heave of Hea	1933 The State of Sta	Frenklin Asian Freizelos SAND TANK B Frenklin Asian Frenklin Asian Fred F	Reises All Frankling of Frankling Arien & Feigelo Frankling of Frankling Rep Frankling of Rep Frankling Rep Shell Frankling Ozenboo Harvey, et al. All 195108 U.S. Frankling Frankling Shell HBP Allan 1.19-75 E-9101 E.Feir Reises LURP 2752	
10 1 10 10 10 10 10 10 10 10 10 10 10 10	Tr. 34 Splins Tr. 13-A Splins Tr. 13-A Splins Tr. 4-Bi Splins Tr. 6 Splins Tr. 7-A	1/93 3 Wetch 1/93 4 Wetch 1/	Frenklin Asian Freizelos SAND TANK B Frenklin Asian Frenklin Asian Fred F	Shell 7-11-13 025000 Harrey, etc. 1 19-75 Kather Berry 19-15 19-75 Kather Berry 19-15 19-1	
10 10 10 10 10 10 10 10 10 10 10 10 10 1	Tr. 34 Splins Tr. 13-A Splins Tr. 13-A Splins Tr. 4-Bi Splins Tr. 6 Splins Tr. 7-A	Transport of the mental of the	Frenklin Asian Freizeror SAND TANK B 1 1811 Frenklin Asian Kall 10 3214 Frenklin Asian Kall 10 3214 Frenklin Asian Frenklin Asian Kall 10 3214 Frenklin Asian Frenklin Asian Freir Gentlin Gentlin Asian Freir Gentlin Frenklin Asian Freir Gentlin Frenklin Asian Freir Gentlin Frenklin Asian Freir	Melsee Allen Stein Atlan & Feigelo Frankling to Franklin Atlan & Feigelo RBF Frankling to Biss Shell Frankling to Biss Warrey, et al Arretti Franklin Shell HBP Aslan U.S. Fasce Franklin Shell HBP Aslan Lig-75 Ligible Franklin Shell HBP Aslan Ligible Franklin She	
10-10-10-10-10-10-10-10-10-10-10-10-10-1	A Printing of Hawmond Chief & Tr. 30 Chief & State & S	Transport of the mental of the	Frenklin Asian Freizeror SAND TANK B 1 1811 Frenklin Asian Kall 10 3214 Frenklin Asian Kall 10 3214 Frenklin Asian Frenklin Asian Kall 10 3214 Frenklin Asian Frenklin Asian Freir Gentlin Gentlin Asian Freir Gentlin Frenklin Asian Freir Gentlin Frenklin Asian Freir Gentlin Frenklin Asian Freir	Shell T-1-13 Warrent of the state of the st	
10-10 0-10-10 R.L. Roy. T. 17-10-10 R.L. Roy. T. 37-10-10 R.L. Roy. T. T. T. 37-10-10 R.L. Roy. T. T. T. 37-10-10 R.L. Roy. T. T. T. 37-10-10 R.L. Roy. T.	Tr. 3-A Selection of Hammond Grant Tr. 3-A It (Oisonal Sissilla of elad) It (Oisonal Sissilla of elad) A	Train Part I South	Frenklin Aslan Steir SAND TANK B Frenklin Aslan to B Frenklin Aslan Steir Frenklin Aslan Contracturation	Shell Trankling to fronklin Arien & Feicelo Frankling to Frankling Shell Trilia Shell Trilia Warrey et al HBP Asian U.S. 18528 U.S.	
10-10 0-10 R.L. Roy. T. 17-10 R.L. Roy. T. 17-1	Tr. 3-A Selection of Hammond Grant Tr. 3-A It (Oisonal Sissilla of elad) It (Oisonal Sissilla of elad) A	Transling frankling frankl	Frenklin Aslan Steir SAND TANK B Frenklin Aslan to B Frenklin Aslan Steir Frenklin Aslan Contracturation	Retsea It renkling to frenkling Arion & Fetceto Frankling to BP Grankling to BP Street Fetceto Shell 7-1-73 Harrey, et al. Rafter Isolice Frankling Shell Laste Frankling Shell HBP Asian In 1975 Faster Fetceto HBP Asian In 1975 Faster Fetceto HBP Southwest in Humble In 1975 HUmble In 1975 He Court Stephen Retsea	
10 10 10 10 10 10 10 10	Tr. 3-A Selection of Hammond Grant Tr. 3-A It (Oisonal Sissilla of elad) It (Oisonal Sissilla of elad) A	Table Control Control	Frenklin Aslan Felicator Barreller J. Smill Sant Sant Sant Sant Sant Sant Sant Sant	Retsea It renkling to frenkling Arion & Fetceto Frankling to BP Grankling to BP Street Fetceto Shell 7-1-73 Harrey, et al. Rafter Isolice Frankling Shell Laste Frankling Shell HBP Asian In 1975 Faster Fetceto HBP Asian In 1975 Faster Fetceto HBP Southwest in Humble In 1975 HUmble In 1975 He Court Stephen Retsea	
10 10 10 10 10 10 10 10	Tr. 3-A Selection of Hammond Grant Tr. 3-A It (Oisonal Sissilla of elad) It (Oisonal Sissilla of elad) A	Tr. 2-A State of the man of the	Frenklin Aslan beit 10.214 A J Smith Aslan beit 10.214 Frenklin Aslan beit 10.214 Frenklin Aslan beit 10.214 Frenklin Aslan beit 10.214 Frenklin Aslan Cotstarsunski 10.214 Frenklin Aslan Cot	Shell Tested W.S. Frankling of Frankling Arison & Fetceton RBF Frankling of Sirgenol Free Gillso Shell Tested Frankling Shell Frankling She	
10 10 10 10 10 10 10 10		Tr. 2-A Stan C. Coir Port State 1.93 J Welch 1.94 J 1.94 J	Frenklin Aslan Felgetol SAND TANK B I 1884 Frenklin Aslan to Book Frenklin Aslan to Book 100 2014 Frenklin Aslan Sair Confess (reaklin Aslan Sair Confess (reaklin Aslan Cotstar Sunski Ligit Riff 64151 Frenklin Aslan Cotstar Sunski Hill Frenklin Aslan Cotstar Sunski	Shell Tested Was a server of the server of t	
10-13 0-13 1-1	Tr. 3-1 Standard S	Tr. 2-A Stan C. Coir May Market Mark	Frenklin Aslan belgetol SAND TAVE B 3A 1889 Frenklin Aslan belgetol 100 2014 100 2014 100 2014 100 2014 100 2014 100 2014 100 2014 100 2014 100 2014 100 2014 100 2014 100 2014 100 2014 100 2014 100 2014 100 2014 100 2014 100 2014 100 2014 100 2014 100 2014 100 2014 100 2014 100 2014 100 2014 100 2014 100 2014 100 2014 100 2014 100 2014 100 2014	Shell Trankling of Franklin Arien & Fetcelo Frankling of Franklin Arien & Fetcelo Shell Tri-13 Ozeneo Harrey, elst Xistior 4 195100 U.S. Isaue E Franklin Shell HBP Arien Falan 1: 19-75 Falan E Fair R. 4654 HBP 2712 Southwest'n Hornble 16 10 12 12 Southwest'n Hornble 16 10 12 Southwest'n Hornble Costoor Falan E Fair Costoor Texaco Texaco 19 HB.	
10 10 10 10 10 10 10 10	1	Tays T His tree His t	Frenklin Aslan breiter A Smith Contain Aslan breit Frenklin Aslan Colster sunski Frenklin Aslan breit Frenklin Aslan Colster sunski Frenklin As	Retsee All Frenkling to Retsee to R	
10 10 10 10 10 10 10 10		Test of the property of the pr	Frenklin Aslant February A J Smith TO 2014 A J Smith Frenklin Aslant February Frenklin Asla	Retsea All renkling to frenkling Arien's Fetceto Figure 1 19 1 19 1 19 1 19 1 19 1 19 1 19 1	
10 10 10 10 10 10 10 10		Test of the series of the seri	Frenklin Aslant February A J Smith TO 2014 A J Smith Frenklin Aslant February Frenklin Asla	Retsea All renkling to frenkling Arien's Fetceto Figure 1 19 1 19 1 19 1 19 1 19 1 19 1 19 1	
10 10 10 10 10 10 10 10		Transition of the property of	Frenklin Aslan Felication JAND JAN	Retsea All renkling to frenkling Arien's Fetceto Figure 1 19 1 19 1 19 1 19 1 19 1 19 1 19 1	
10 10 10 10 10 10 10 10		1.93 1.93 1.94 1.95	Frenklin Aslan Felgetol A Salisa Fedalita Fe	Shell 1-13 Southwest New CoyEstephon Rep 1-133 Name of Provided Rep 1-134 N	
10 10 10 10 10 10 10 10		1.93 1 1.94 1.95 1.9	Frenklin Aslan Felgetol A Salisa Fedalita Fe	Shell 1-13 Southwest New CoyEstephon Rep 1-133 Name of Provided Rep 1-134 N	
10 10 10 10 10 10 10 10		1.93 1 1.94 1.95 1.9	Frenklin Aslan Felgetol SAND TANK B I 1884 Frenklin Aslan Colstan Sunskin Fed 1985 Frenklin Aslan Colstan Sunskin Fed 1985 Frenklin Aslan Colstan Sunskin Frenklin Aslan Frenklin A	Retsea Frankling to frankling Asian & Fetceto Frankling to BP Frankling to BP Shell 7-1-73 Harver, et al Kastier A 185108 U.S. Fastes Frankling Shell HBP Asian Southwest in Humble Frankling Fetch HBP Asian Southwest in Humble B-1378 Footbase Fetch HBP Southwest in Humble Footbase Fetch HBP Southwest in Texaco Footbase Fetch Additional Sunshing Shell HBP Southwest in Humble Footbase Fetch Additional Sunshing Shell HBP Southwest in Texaco Footbase Fetch Additional Sunshing Shell HBP Southwest in Texaco Footbase Fetch Additional Sunshing Shell HBP Shell Additional Sunshing Shell HBP Shell Footbase Fetch Additional Sunshing Shell Additional Shell HBP Shell Additional Shell HBP Shell Additional Shell Additi	
10 10 10 10 10 10 10 10		1.93 1 1.94 1.95 1.9	Frenklin, Aslan & Frenklin, As	Shell 1-13 Southwest New CoyEstephon Rep 1-133 Name of Provided Rep 1-134 N	
10 10 10 10 10 10 10 10	1	1.95 1.95 1.96 1.95	Frenklin Aslan Felgetol SAND TANK B I SAND TANK B I FERRITA FERRITA	Shell 7-1-73 Warren, et al. 199 Shell 7-1-73 Warren, et al. 199 Shell 7-1-73 Warren, et al. 199 Warr	
10 10 10 10 10 10 10 10	1	1.93 1.93 1.94 1.95	Frenklin Aslan Felgetol SAND TANK B I SAND TANK B I FERRITA FERRITA	Shell 7-1-73 Warren, et al. 199 Shell 7-1-73 Warren, et al. 199 Shell 7-1-73 Warren, et al. 199 Warr	Frenktie, Astens Feir, etcl 1887 1887 193318 Shell 7-1-73 0251802 0. Feetherstone J.R. Jenus Harris Feir Fed Harris Fed Harri
10 10 10 10 10 10 10 10	1	1.93 1 1.94 1.95 1.9	Frenklin, Aslan Colstantsunskin	Retsee All Frenkling frenkling Aslem & Felication Rep Shell 7-1-13 0280000 Harrey, elst Xistis 4 195100 Harrey elst Xistis Hap	Frenktie Astenbreit, etcl 189 189 189 193318 Shell 7-1-73 0231807 O. Teelherstone J.R. Jenus Harris Harris Harris Ossera 100 100 100 100 100 100 100 1
10 10 10 10 10 10 10 10	1	1.93 1 1.94 1.95 1.9	Frenklin, Aslan Colstantsunskin	Retsea Frankling of Franklin Asian & Fetcato Frankling of Street Shell 7-1-73 Harrier, et al. 1-3105 U.S. Frankling of Shell HBP Asian I.S. Frankling of Shell Frankling of Shell HBP Asian I.S. HUmble Frankling of Southwest in HUmble Frankling of Southwest in HUmble Frankling of Southwest in HBP Southwest in Southwest in	Franktie Astens Feir, etcl 189 189 189 193315 Shell 793316 Shell Texaco Texac
10 10 10 10 10 10 10 10	1	1.93 1 1.94 1.95 1.9	Frenklin Aslan Felgetol A J Smill A J Smil	Retsea Frankling of Franklin Asian & Fetcato Frankling of Street Shell 7-1-73 Harrier, et al. 1-3105 U.S. Frankling of Shell HBP Asian I.S. Frankling of Shell Frankling of Shell HBP Asian I.S. HUmble Frankling of Southwest in HUmble Frankling of Southwest in HUmble Frankling of Southwest in HBP Southwest in Southwest in	Franktie Astens Feir, etcl 189 189 189 193315 Shell 793316 Shell Texaco Texac
10 10 10 10 10 10 10 10		1.93 1 1.94 1.95 1.9	Frenklin Aslan Felgetol SAND TANK B Frenklin Aslan Colston Sunskin Frenklin Fr	Retsea Frankling of Franklin Asian & Fetcato Frankling of Street Shell 7-1-73 Harrier, et al. 1-3105 U.S. Frankling of Shell HBP Asian I.S. Frankling of Shell Frankling of Shell HBP Asian I.S. HUmble Frankling of Southwest in HUmble Frankling of Southwest in HUmble Frankling of Southwest in HBP Southwest in Southwest in	Frenktie, Astenbreit, etcl 188 189 189 193318 Shell 7-1-73 023180 D. Feelherstope J. R. Jenus 1897 1817 1817 1817 1817 1818 Osterbook Huff fresther: 1818 181







KELLAHIN AND FOX ATTORNEYS AT LAW 54% EAST SAN FRANCISCO STREET POST OFFICE BOX 1769 SANTA FE. NEW MEXICO 87501

22

TELEPHONE 982-4315 AREA CODE 505

July 18, 1969

AM - 182

The Oil Conservation Commission of New Mexico Post Office Box 2088 Santa Fe, New Mexico

Application - Franklin, Aston & Fair, Ind. Re: for an exception to Order R-3221, as amended, Eddy County, New Mexico

Centlemen:

JASON W. KELLAHIN

ROBERT E. FOX

Enclosed please find original and two copies of the above application, which hearing is set for August 6.

Yours very truly,

JASON W. KELLAHIN

jwk; peg Enc. as stated

cc R. R. Aston with copy of enclosure

DOGKET HAMED Dete 7-24-69

BEFORE THE

OIL CONSERVATION COMMISSION OF NEW MEXICO

APPLICATION OF FRANKLIN, ASTON & FAIR, INC., FOR AN EXCEPTION TO ORDER R-3221, AS AMENDED, EDDY COUNTY, NEW MEXICO

Cine 4182

ARREICARION

Comes-now FRANKLIN, ASTON & FAIR, INC., and applies to the Oil Conservation Commission of New Mexico for an order granting it an exception to the provisions of Commission Order No. R-3221, as amended, to permit the continued use of unlined surface pits for the disposal of produced water in the Loco Hills-Abo Pool, and the Loco Hills-Grayburg-San Andres Pool, Eddy County, New Mexico, and in support thereof would show the Commission:

1. Applicant is the operator of the following wells in the areas for which an exception is sought:

LOCO HILLS-ABO POOL

McIntyre "A" Well No. 1, located in Unit I of Section 20, Township 17 South, Range 30 East, N.M.P.M.

McIntyre "A" Well No. 5, located in Unit P of Section 20, Township 17 South, Range 30 East, N.M.P.M.

LOCO HILLS-GRAVEURG-SAN ANDRES ROOT

State "A" Well No. 1, located in Unit 0, Section 36, Township 17 South, Range 29 East, N.M.P.M.

Masteller "B" Well No. 1, located in Unit A, Section 17, Township 18 South, Range 30 Bast, M.M.P.M.

Nelson Well No. 3, located in Unit 7, Section 7, Township 18 South, Range 30 X.M.P.M.

2. Applicant's wells in the

are producing approximately 5770 barro water per month, and the Loco Mills-Crayburg-San Andres

Pool, are producing approximately 993 barrels per month.

3. In applicant's opinion, there is no fresh water supply in the vicinity of the subject wells and the water disposal pits used in conjunction therewith that would be or could be contaminated or be subject to contamination by continued use of disposal pits on the surface of the ground, and that no surface or underground waters will be contaminated by continued surface disposal of the produced water.

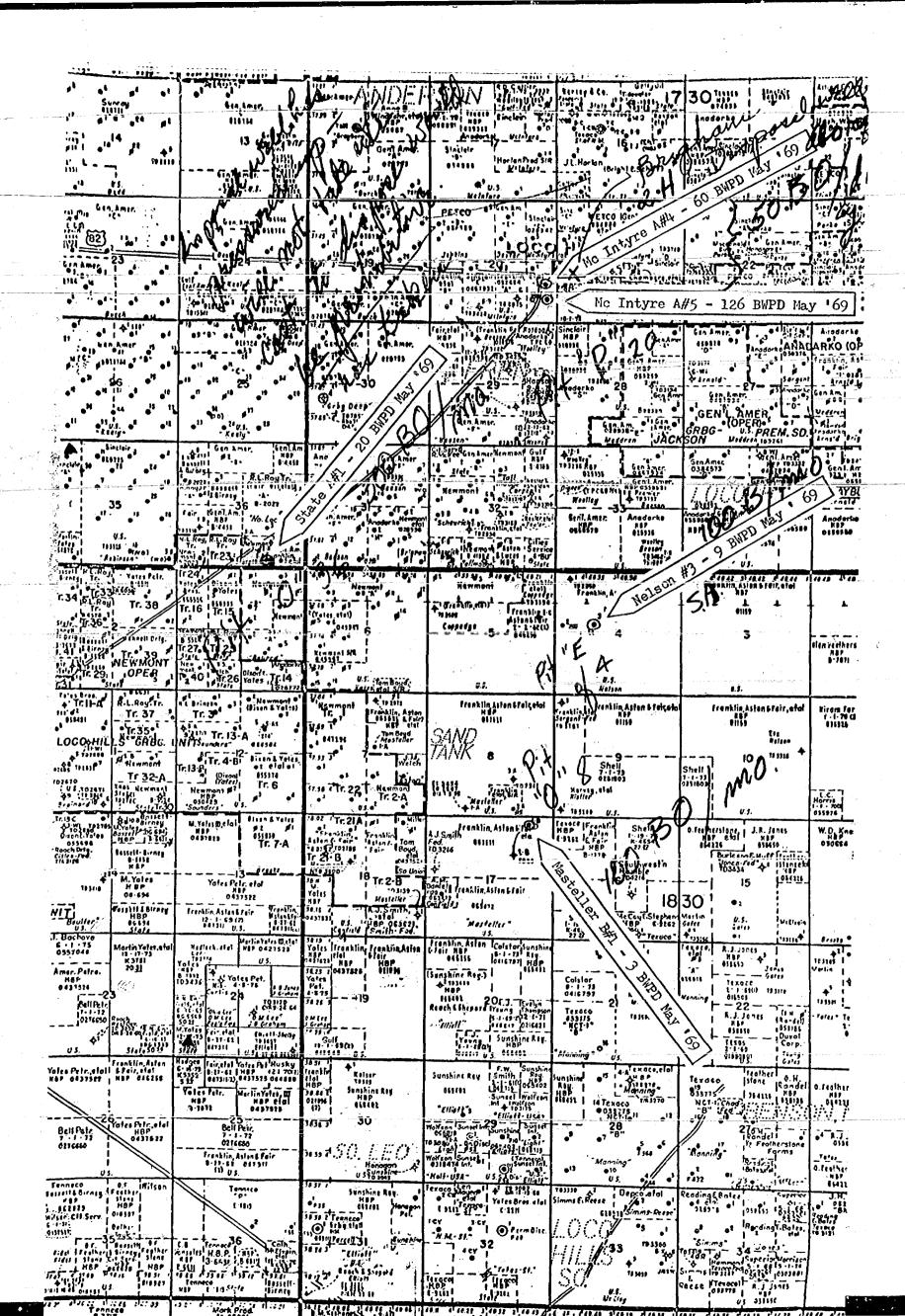
WHEREFORE, applicant prays that this application be set for hearing before the Commission or the Commission's duly appointed examiner, and that after notice and hearing as required by law, the Commission enter its order granting an exception from the provisions of Order No.

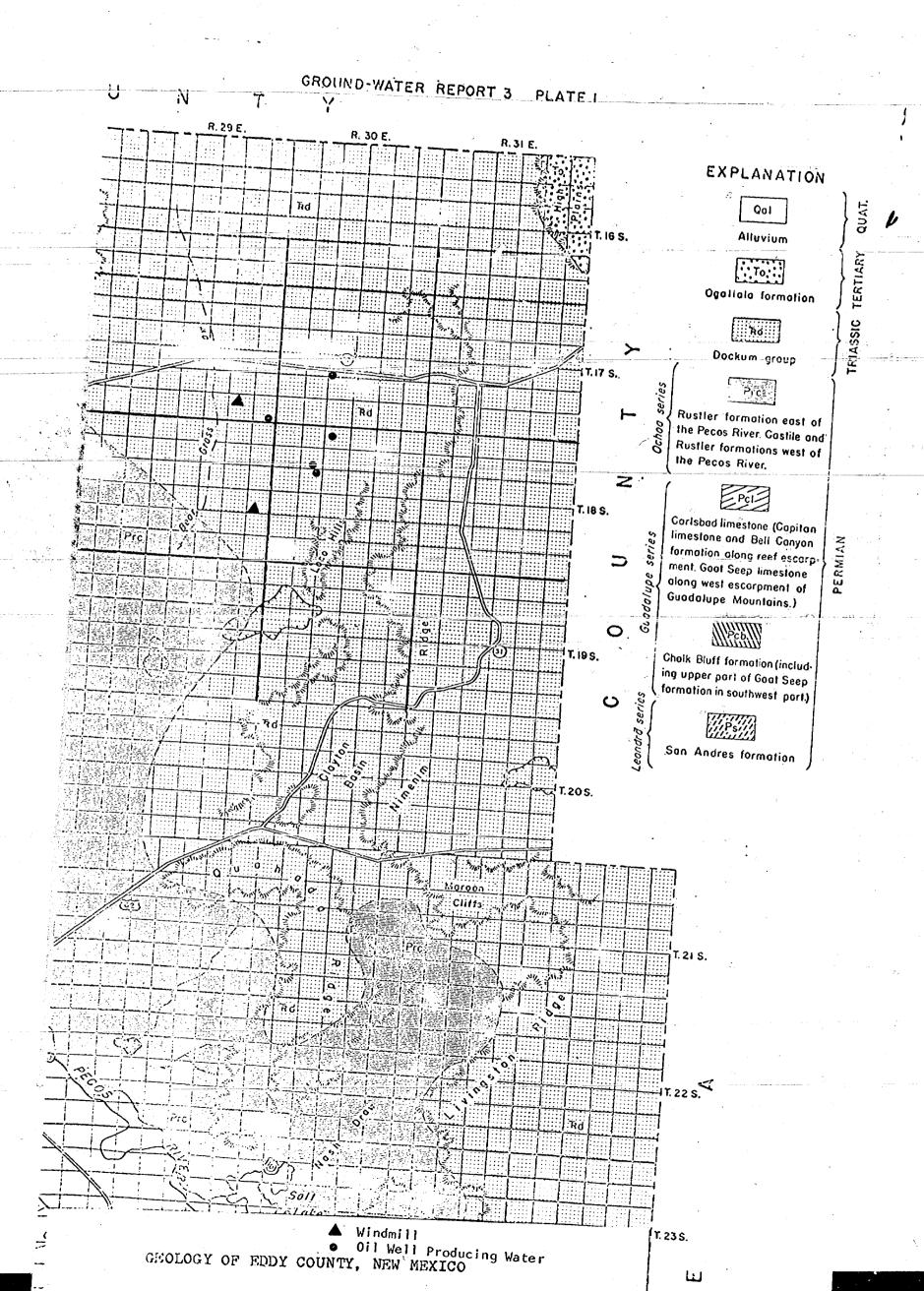
R-3221, as amended, to permit continued use of surface disposal pits for the wells and areas described above.

Respectfully submitted, FRANKLIN, ASTON & FAIR, INC.

BY: A Specific Markettale
Kellanin & Fox
Post Office Box 1769
Santa Fe, New Mexico

ATTORNEYS FOR APPLICANT





GROUND-WATER REPORT 3 PLATE 3 0 N U R. 31 E. R.28 E. R. 29 E. R. 30 E. -1 T. 16 S. -| T. 17 S. **3** Z 1 T. 18 \$. 3270 3330 3330 . 20 Ridge Ridge 0 O 3220 3185 10 i T. 19 S. 0 3240 O 3220 3210 _O_ ≂ς¦Τ.20S. 3170 O 1 77. 21 S. CARLSBAD 3020 -17. 22 S. ✓ 3056 A Windmill Oil Well Producing Water 03055 GENERAL DIRECTION OF MOVEMENT OF GROUND WATER

1

T. 23 S.

DRAFT

GMH/esr

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. 4182

Order No. R- c

APPLICATION OF FRANKLIN, ASTON & FAIR, INC., FOR AN EXCEPTION TO ORDER NO. R-3221, AS AMENDED, EDDY COUNTY, NEW

6 9

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause ame on for hearing at 9 a.m. on August 6, 1969, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter

NOW, on this___ day of August , 1969, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised

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.
- That the applicant, Franklin, Aston & Fair, Inc., is the (2) owner and operator of the following-described wells in the Loco Hills Field, Eddy County, New Mexico:

LOCO HILLS-ABO POOL

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM

McIntyre "A" Well No. 4, located in Unit I

McIntyre "A" Well No. 5, located in Unit P

LOCO HILLS GRAYBURG-SAN ANDRES POOL

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM State "A" Well No. 1, located in Unit O of Section 36

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM Nelson Well No. 3, located in Unit F of

Masteller "B" Well No. 1, located in Unit A

- (3) That Order (3) of Commission Order No. R-3221, as amended, prohibits in that area encompassed by Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico, the disposal, subject to minor exceptions, of water produced in conjunction with the production of oil or gas, or both, on the surface of the ground, or in any pit, pond, lake, depression, draw, streambed, or arroyo, or in any watercourse, or in any other place or in any manner which would constitute a hazard to any fresh water supplies and said disposal has not previously been prohibited.
- (4) That the aforesaid Order No. R-3221 was issued in order to afford reasonable protection against contamination of fresh water supplies designated by the State Engineer through disposal of water produced in conjunction with the production of oil or gas, or both, in unlined surface pits.
- (5) That the State Engineer has designated, pursuant to Section 65-3-11 (15), N.M.S.A., 1953 Compilation, all underground water in the State of New Mexico containing 10,000 parts per million or less of dissolved solids as fresh water supplies to be afforded reasonable protection against contamination; except that said designation does not include any water for which there is no present or reasonably foreseeable beneficial use that would be impaired by contamination.
- (6) That the applicant seeks an exception to the provisions of the aforesaid Order (3) to permit the disposal of salt water,

from unlined surject pits located near said

(7) that there appears to be no shallow fresh water in du vicinity of the subject pito for which a present or reasonably foreseable beneficial use is or will be made that commed be impaired by Contomination from the subject pito.

(8) That the applicant should be permitted to despone of

IT IS THEREFORE ORDERED:

(1) That the applicant, Franklin, Aston & Fair, Inc., is hereby granted an exception to Order (3) of Commission Order No. R-3221, as amended, to dispose into unlined surface pits, water produced in conjunction with the production of oil or gas, or both, by the following-described wells in the Loco Hills Field, Eddy County, New Mexico.

LOCO HILLS-ABO POOL
TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM
McIntyre "A" Well No. 4, located in Unit
I of Section 20
McIntyre "A" Well No. 5, located in Unit
P of Section 20

LOCO HILLS GRAYBURG-SAN ANDRES POOL

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM
State "A" Well No. 1, located in Unit O
of Section 36

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM Nelson Well No. 3, located in Unit F of Section 4
Masteller "B" Well No. 1, located in Unit A of Section 17

- (2) That the Commission may by administrative order rescind such authority whenever it reasonably appears to the Commission that such rescission would serve to protect fresh water supplies from contamination.
- (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 as a second second.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman
ALEX J. ARMIJO, Member

A. L. PORTER, Jr., Member & Secretary

a = -

Thanklin, Robon & Fair Jul

exception to R-3221

exception to RB-SA

Place Hills A60:
Roco Hills A60:
Mc Intyre A#4 I 2017-30

Mc Intyre A#4 I 20

SE/4 B 20

I St A#1 0 36 17 29

I St A#1 0 36 17 29

I Maleon #3 F 4-18-30

I Maleon #3 F 4-18-30

4

Unit Hyree me Active Of Silming. Unit Promont files.