STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
STATE LAND OFFICE BLDG.
SANTA FE, NEW MEXICO
10 November 1982

EXAMINER HEARING

IN THE MATTER OF:

Application of John Yuronka for salt water disposal, Lea County, New Mexico. CASE 7719

BEFORE: Daniel S. Nutter

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the Oil Conservation Division: W. Perry Pearce, Esq.
Legal Counsel to the Division
State Land Office Bldg.
Santa Fe, New Mexico 87501

For the Applicant: Mr. John Yuronka, Pro se

E X H I B I T S

STATEMENTS BY MR. YURONKA AND QUESTIONS BY MR. NUTTER 3

Applicant Exhibit One, C-108 5

Applicant Exhibit Two, Logs 20

MR. NUTTER: The first case this afternoon will be Case Number 7719.

MR. PEARCE: That case is on the application of John Yuronka for salt water disposal, Lea County, New Mexico.

MR. YURONKA: I will represent myself. I have no attorney.

(Mr. Yuronka sworn.)

MR. NUTTER: Mr. Yuronka, would you state your name and address for the record, please?

MR. YURONKA: My name is John Yuronka. I'm a petroleum engineer and an independent oil operator out of Midland, Texas. I have testified before the Commission.

MR. NUTTER: And you are the applicant in this case today, is that correct?

MR. YURONKA: Yes, I am.

MR. NUTTER: And you're representing yourself in this application for salt water disposal.

MR. YURONKA: Yes.

MR. NUTTER: Okay, what well is it

that you propose to dispose of salt water into, Mr. Yuronka?

MR. YURONKA: John Yuronka Harrison "A" No. 2, which is located 2310 feet from the north line and 1650 feet from the west line of Section 29, Township 24 South, Range 37 EAst, Lea County, New Mexico.

MR. NUTTER: Okay, would you go through your exhibits, Mr. Yuronka, --

MR. YURONKA: Yes.

MR. NUTTER: -- and describe each of those and what they reflect?

MR. YURONKA: Page one is the Form C-108 application for salt water disposal.

MR. NUTTER: First of all, you've got two exhibits, is that correct?

MR. YURONKA: Yes.

MR. NUTTER And the first exhibit is a sheaf of papers that's --

MR. YURONKA: Yes.

MR. NUTTER: -- been identified as Exhibit One with sixteen sheets.

MR. YURONKA: Yes.

MR. NUTTER: And Exhibit Two is --

MR. YURONKA: A log of the disposal well.

MR. NUTTER: -- a log of the disposal well.

All right, proceed.

MR. YURONKA: Page two is a plat with the disposal marked -- disposal well marked with a blue dot and the area of review drawn with a radius of a half a mile from the proposed disposal well.

The acreage that I have in the west half of Section 29 is the northwest quarter and the west half of the southwest quarter. I also have the east half of the southwest quarter and Continental Oil Company has the west half -- or the east half of the section.

The east half of the section is presently under flood with Wells 2, 4, and 6 being injection wells.

MR. NUTTER: Go ahead.

MR. YURONKA: Page four through six -- three through six, excuse me. are ARCO wells that are completed in the west half of the section. There are a total of twenty wells included in this area of review.

MR. NUTTER: That would be the area within the red circle, right?

MR. YURONKA: Yes.

MR. NUTTER: On Exhibit -- on page two.

MR. YURONKA: Rather than go into detail, I would just like to state that where the reports that are a matter of public record in the Commission show the well was

circulated, I have so stated.

Where it did not show it was circulated, or nothing mentioned about it, I put circulate question mark for the reason that to my experience those wells, those particular wells, the cement should have been circulated with the amount of cement used.

Now, where cement was not circulated and the tops of cement was reported, I have indicated that on these wells.

Where the top of cement was not reported, I made an estimate with a Halliburton representative as to what the top of the cement should have been in those particular wells.

The one well I would like to bring to the Commission's attention is Continental Jack "A" 29 No. 4. The file -- page eight -- I did not draw a schematic diagram for that particular well. As it shows the Langlie-Mattix zone to be squeezed and that is all; it is a Federal lease and is possibly that form is on file with the USGS somewhere, but the Commission files do not indicate what was open in regard to the Langlie-Mattix zone.

MR. NUTTER: Now you say it's a water injection well in the waterflood?

MR. YURONKA: It is an injection well at

this time, yes, sir.

MR. NUTTER: What zone?

MR. YURONKA: In the Langlie-Mattix Pool, I would assume.

It shows -- I have the forms here that were in the file in the Hobbs and also the same ones that were upstairs in your files.

MR. NUTTER: It's an injection well and yet the file reflects that it's been squeezed in the Langlie-Mattix.

MR. YURONKA: It shows -- it shows nothing has been open. I have to assume that they have filed something with the USGS and perhaps the USGS has not given that form to the Commission.

MR. NUTTER: Do you know when it was authorized to be converted to a water injection well?

MR. YURONKA: The last form I have here is dated 5-29-73.

MR. NUTTER: And when was it authorized as an injection well, do you know?

MR. YURONKA: Well, this form says water injection well.

MR. NUTTER: I see.

MR. YURONKA: The workover shown dated 5-18-73, I have copies the work on that form verbatim, where

the schematic diagram should be.

The records show -- the records show that that well as of the first of the year -- no, as of July, 1982, had 1,024,797 barrels of water injected.

MR. NUTTER: So it has been used as an injection well.

MR. YURONKA: Every information I have indicates so.

MR. NUTTER: Okay, now how many wells did you say are in this area of review?

MR. YURONKA: Twenty.

MR. NUTTER: And do you have a sheet here for each of those wells, or what? You've got four sheets here for these four ARCO wells.

MR. YURONKA: Well, I made out schematic diagrams only for the wells that they have done some work on in the -- in the proposed injection zone. Where nothing has been done to the wells, other than being drilled and completed, I've just shown the gross perforated --

MR. NUTTER: You've shown the casing and the cement.

MR. YURONKA: Well, for instance, on page four, or page three, whichever you'd like to take.

MR. NUTTER: Okay, three.

MR. YURONKA: I have shown there the cement -- or where the casing was set; the TD was 3650, open hole. And then above that I have set cement retainer at 3345, squeezed open hole with 150 sacks.

And then for -- and then up above I show Jalmat perforations 2931 to 3333.

MR. NUTTER: So as far as you know from the well records, this is a Jalmat well.

MR. YURONKA: Yes.

MR. NUTTER: Okay. Then the next well, then, on page four.

MR. YURONKA: That's presently a Jalmat gas well.

MR. NUTTER: Well, it's also a dual -- it's a dual completion.

MR. YURONKA: It was a dual completion but they squeezed off the -- well, they set a plug and receptacle at 3332 and it's now only a Jalmat gas well.

MR. NUTTER: Okay, so that's above the Langlie-Mattix --

MR. YURONKA: Yes.

MR. NUTTER: -- perforations. All right, page five?

MR. YURONKA: This is also a well that was

originally completed in the Langlie-Mattix and plugged back to the Jalmat.

MR. NUTTER: And page six?

MR. YURONKA: That is the same.

MR. NUTTER: Plugged back to the Jalmat only.

MR. YURONKA: Yes.

MR. NUTTER: Okay, then we -- that takes care of four of the wells of the --

MR. YURONKA: I've put the -- I've stapled together all the wells for one operator.

MR. NUTTER: Right, so that's the four ARCO wells.

MR. YURONKA: Yes.

MR. NUTTER: Now, it looks like on your acreage that there are one, two, three, four, five, six, seven, eight wells. The four ARCO wells would be the gas well in the northwest northwest, being the No. 2.

MR. YURONKA: Yes, sir.

MR. NUTTER: The No. 1, which is a gas well shown in Unit L.

MR. YURONKA: Uh-huh.

MR. NUTTER: The No. 6 is the gas well that is shown in Unit M.

MR. YURONKA: No. 7 is a well drilled this

year.

MR. NUTTER: And the No. 7 is the --

MR. YURONKA: This is not on my acreage.

MR. NUTTER: This is not on your acreage but it's shown on page two as being an oil well in Unit K.

MR. YURONKA: Yes, it is a Jalmat oil well. It was completed this year.

MR. NUTTER: Okay, so we've got a program then for those four wells.

Now we go to page seven, Mr. Yuronka.

MR. YURONKA: Yes, sir.

MR. NUTTER: Would you describe what that shows?

MR. YURONKA: These -- page seven is four Continental Oil Company wells, and it shows -- all I have done again here is, for instance, the Jack "B" 30 No. 1, I showed where the surface casing was set, where the 5-1/2 was set, and a TD of 3372. I have been able to find no work done on the wells so I assume that it's still an open hole completion and well, this would be a Jalmat well.

I have included Jalmat wells even though they have not penetrated the Langlie-Mattix zone.

MR. NUTTER: Okay, then the No. 5 there.

MR. YURONKA: Again I've shown where the

casing was set for the surface and the long string, and the perforations, and the top of the cement. And that was reported on the form, where the top of the cement was in that particular well.

MR. NUTTER: Now would this be a Langlie-Mattix or would this be a --

MR. YURONKA: This would be a Langlie-Mattix well.

MR. NUTTER: Well, now on that No. 30 -- that Jack "B" 30 No. 1, how can you tell that's a Jalmat well? The TD is 3372. Is that too shallow to get into the Queen?

MR. YURONKA: From my experience in the area, yes. The top of the Langlie-Mattix zone should be approximately 3400 feet in there.

MR. NUTTER: I see, so it's a lower zone, then.

MR. YURONKA: 3390, 3400, somewhere in there.

MR. NUTTER: So this would probably be very low Jalmat, then.

Okay, then the No. 7 Well, Mr. Yuronka.

MR. YURONKA: Again where the casing, where they were set and the amount of cement used. In this particular one I -- the Halliburton representative and I estimated the top of the cement was 2360.

MR. NUTTER: Okay, and where would that be on page two, Mr. Yuronka?

MR. YURONKA: Well, it's in Unit J. There are two wells in Unit J, which is No. 8, the next well, which is a Jalmat gas well, and No. 7.

MR. NUTTER: Okay, then that black dot --

MR. YURONKA: Is No. 7.

MR. NUTTER: And the 7 has not shown up here.

MR. YURONKA: That's right. That's correct.

MR. NUTTER: But that's the No. 7.

MR. YURONKA: That's correct.

MR. NUTTER: Okay.

MR. NUTTER: And what would this be, a Langlie-Mattix, Jalmat, or what?

MR. YURONKA: It's a Langlie-Mattix well.

MR. NUTTER: And then No. 8 is a gas well.

MR. YURONKA: Is a Jalmat gas well.

MR. NUTTER: Jalmat gas.

MR. YURONKA: With open hole from 2870 to 3200.

MR. NUTTER: Okay, then we're over to this No. 4 again. This is the injection well that's injecting into the Langlie-Mattix that doesn't have any perforations into the Langlie-Mattix.

MR. YURONKA: I have found no form in the Commission files indicating it.

MR. NUTTER: Okay. And the next one is the No. 6, that's also an injection well, is that correct?

MR. YURONKA: Yes.

MR. NUTTER: And you do have a --

MR. YURONKA: They squeezed off the Jalmat perforations.

MR. NUTTER: These have all been squeezed up here, 3110 to 3250?

MR. YURONKA: Yes, sir.

MR. NUTTER: And the Langlie-Mattix perforations from 3414 to 3601 are the injection intervals in the well.

MR. YURONKA: Yes, sir.

MR. NUTTER: Okay. That takes care of the four Continental wells within the area of review.

Next we have Gulf "CD" Woolworth No. 1 on page ten.

MR. YURONKA: This well was drilled about 34 years ago. 5-1/2 was set at 3126; the original TD was 3217. They deepened it to 3803. They plugged it back to 3773 and then they eventually plugged the well, period, and circulated the cement to the surface. They perforated the casing

from 1530 to 33 and squeezed it with 230 sacks to the surface.

MR. NUTTER: Well, that was on the outside of the casing.

MR. YURONKA: Yes, sir.

MR. NUTTER: Okay, how was it plugged on the inside of the casing?

MR. YURONKA: Cast iron bridge plug was set at 2990 with cement on top of the bridge plug to 2955.

MR. NUTTER: And then how about other plugs in the well?

MR. YURONKA: That's all I was able to find.

MR. NUTTER: Now, that would be this well that's shown just inside your area of review circle, being the No. 1 gas well with an abandoned mark across it, is that correct?

MR. YURONKA: Yes. Yes.

MR. NUTTER: How about that other well, that No. 2 Hartman Well in that same 40-acre --

MR. YURONKA: That's on page eleven.

MR. NUTTER: Okay.

MR. YURONKA: The cement on all three of those wells was circulated and are all perforated in the Langlie-Mattix Pool interval.

MR. NUTTER: Okay, now let's see, the first

one, the Henry Harrison No. 1 --

MR. YURONKA: That's two locations north of my well, of the proposed well.

MR. NUTTER: That's the gas well that's right on the circle, is it?

MR. YURONKA: Yes, sir.

MR. NUTTER: Okay. The Gulf Eddy Corrigan No. 1?

MR. YURONKA: The circle goes right through that one in the southeast quarter southeast quarter of 30, Section 30.

MR. NUTTER: Wait a minute, now. This says Unit P of Section 20 on the exhibit on page eleven. Is that supposed to read 30?

MR. YURONKA: Yes, I'm sorry.

MR. NUTTER: And then the Eddy Corrigan No. 2 would be this well in the extreme northeast corner of the southeast corner of Section 30, is that correct?

MR. YURONKA: Yes.

MR. NUTTER: And that should also say Section 30, then, rather than 20, is that correct?

MR. YURONKA: Yes.

MR. NUTTER: Okay, now go through your own wells, Mr. Yuronka, which is page twelve.

MR. YURONKA: The Harrison No. 1 is located in the southwest of the northwest; 8 and 5 was set at 1190, 600 sacks circulated; 4-1/2 was set at 3680, which was TD, with 700 sacks. Top of the cement is estimated 1000 feet with 25 excess added to that amount. We never did circulate it.

MR. NUTTER: Now that's the well that's west/northwest of your disposal well, is that correct?

MR. YURONKA: Well, it's in the 40-acre tract to the west.

MR. NUTTER: Yes. Okay, then the No. 2?

MR. YURONKA: The Harrison No. 2 is in the northwest of the northwest. The cement was circulated on the surface and the cement was also circulated on the long string.

MR. NUTTER: Okay.

MR. YURONKA: Now, I have --

MR. NUTTER: Both of those wells are Langlie-Mattix wells, is that correct?

MR. YURONKA: Yes, all of these wells are Langlie-Mattix.

MR. NUTTER: Okay.

MR. YURONKA: One thing I haven't mentioned if you'll notice, I've got -- I have Redbed at 1157, wherever the bottom of the Redbed was reported I showed that on each individual well, including the ones we have gone through be-

fore.

MR. NUTTER: Uh-huh. Okay.

MR. YURONKA: I think the bottom of the -- of the Redbeds is considered the last possible source of drinkable water, so that's why I put that in.

MR. NUTTER: Okay.

MR. YURONKA: Now, No. 3 is in the northwest of the southwest, both strings were circulated.

MR. NUTTER: Okay.

MR. YURONKA: No. 4 is in the southwest of the southwest, again both strings were circulated.

MR. NUTTER: And the Harrison "A" 1.

MR. YURONKA: The Harrison "A" 1, both strings were circulated.

MR. NUTTER: And that's the well that's directly north of your proposed injection well?

MR. YURONKA: Yes, sir.

MR. NUTTER: And shown on page two as being a gas well, is that correct?

MR. YURONKA: Yes.

MR. NUTTER: Now is it a Langlie-Mattix --

MR. YURONKA: It's a gas well in the Langlie-Mattix Pool.

MR. NUTTER: Okay. And all the others are

oil wells in the Langlie-Mattix.

MR. YURONKA: No, No. 1 is also a gas well in the Langlie-Mattix Pool.

MR. NUTTER: Okay.

MR. YURONKA: The proposed disposal well was also a gas well in the Langlie-Mattix Pool.

MR. NUTTER: Okay, then this -- there's one more here on page thirteen.

MR. YURONKA: Well, that is the schematic diagram of the proposed disposal well.

MR. NUTTER: Okay.

MR. YURONKA: 8 and 5 was set at 300 and -- was set and circulated with 350 sacks, and 4-1/2 was set at TD, 3660, and 650 sacks circulated. The perforations are 3400 to 3501. I have spread this schematic diagram out more so I could get more information in there. As you can see, 4-1/2 inch was set at TD of 3660 and some holes I perforated two shots per foot and some one. The top of the Queen in this particular well was 3494. I set a bridge plug at 3490 before I fraced the well.

MR. NUTTER: Okay, and then you propose --

MR. YURONKA: I propose to get rid of that bridge plug and dispose the water into these perforations.

MR. NUTTER: That whole perforated interval.

MR. YURONKA: Yes. The logs that I have submitted to you have the perforations and all this information shown in the schematic diagram on the logs.

MR. NUTTER: Now we've got two logs. One's the --

MR. YURONKA: Compensated density and the other one is porosity.

MR. NUTTER: All right, and which one are they indicated on?

MR. YURONKA: Both of them.

MR. NUTTER: Okay. Okay, Mr. Yuronka, now where is this water coming from that you're going to put into this Harrison "A" 2?

MR. YURONKA: At the moment the water will basically come from Wells 1 and 2. They're making approximately 45 barrels of water a day. We have -- I have since shut-in the No. 2, the Harrison "A" 2, the proposed disposal well, and during the month of October I did not haul any water produced water off of it for disposal, and I was making approximately 100 barrels of water a day on that lease.

So apparently the Well No. 1 makes very little water.

MR. NUTTER: So most of it was coming from this disposal well.

MR. YURONKA: Yes. It was real bright sulphur water. It was very corrosive. I've had to change the string of tubing three times; my rods too.

MR. NUTTER: What, in the "A" No. 2?

MR. YURONKA: Yes.

MR. NUTTER: Has that well had a packer in it while it's been producing?

MR. YURONKA: No, it was pumping.

MR. NUTTER: So this corrosive material has been in contact with the gas in the well, then, has it? I mean been in contact with the casing in the well.

MR. YURONKA: Yes.

MR. NUTTER: So probably a pressure test on that casing might be in order before disposal is instituted.

Okay, now you say that production of water would be from the Harrison 1 and 2?

MR. YURONKA: Yes, sir, our Wells Nos. 3 and 4, I eventually hope to use this particular disposal well for these six wells. Wells 3 and 4 are making about a half a barrel a day.

MR. NUTTER: At the present time.

MR. YURONKA: Yes.

MR. NUTTER: And how about the No. 1, what does it make?

MR. YURONKA: Which No. 1?

MR.NUTTER: The Harrison --

MR. YURONKA: The Harrison No. 1 or the "A" 1?

MR. NUTTER: The Harrison 1.

MR. YURONKA: That's probably making most of the water in that battery. I'd say it's making 60 to 70 percent of the water.

MR. NUTTER: Which would be 30 or 40 barrels a day.

MR. YURONKA: Yes.

MR. NUTTER: And then the No. 2 would be making the remainder.

MR. YURONKA: Yes.

MR. NUTTER: Ten to 15 barrels.

MR. YURONKA: Yes. Well, what it amounts to, if I may in order to answer your question here, page fourteen is a water analysis.

MR. NUTTER: Okay.

MR. YURONKA: I tried to get a water sample on Harrison 1 and 2. As yet I have been unable to get a water sample on No. 2 but I did get one on No. 1. All I have been able to get so far is oil. What it amounts to is I'm having problems checking out my tubing in regard to a tubing

leak or finding out what's wrong, but the well isn't really pumping the way it should.

I'm in that process right now.

And then the next page, number 15, I tried to get a water sample from the ARCO Harrison No. 7, which is one location south of the disposal well. It is, of course, it is a Jalmat well, but I was unable to get a water sample.

Then the Conoco Jack "A" 29 No. 7, which is the east offset to the disposal well, I did manage to get a water sample on that well.

Page sixteen is a water sample on the Harrison "A" 1, the north offset to the disposal well.

And I also have gotten a water sample from two of the nearest water wells. One is the Crawford Ranchhouse, which is approximately in the northwest -- it's out of the range -- it's approximately in the northwest of the northwest of Section 31, and the other injection well, or the water well, pardon me, is about 100 yards southwest of the Hartman Henry Harrison No. 1. It's almost on the section line.

MR. NUTTER: 100 yards south of --

MR. YURONKA: Approximately 100 yards southwest.

MR. NUTTER: Southwest of which well, now?

MR. YURONKA: Of Doyle Hartman's Henry

Harrison, which is two locations north of the proposed disposal well.

MR. NUTTER: Okay, that was on the -- right on the circle directly north.

MR. YURONKA: Right.

MR. NUTTER: So this well, you say, would be almost right on that line.

MR. YURONKA: It would be almost on that section line.

MR. NUTTER: Okay, those are the nearest water wells that there are to your disposal well?

MR. YURONKA: There is another water well but I believe it's at least two miles away from where I am, or this particular well.

MR. NUTTER: Now let's see, this -- you said this Crawford Ranchhouse well would be in the northwest northwest of Section --

MR. YURONKA: Pardon me, northeast northeast, excuse me. It's right on the highway.

MR. NUTTER: Northeast northeast of 31.

MR. YURONKA: Yes.

MR. NUTTER: So it would be --

MR. YURONKA: I would say it's within one mile of the well.

MR. NUTTER: It would be approximately, then, here at the blue dot. It would be right down here southwest of it in that corner of that section.

MR. YURONKA: Yes. I would -- I feel that's where it is, yes, sir.

MR. NUTTER: Okay.

MR. YURONKA: This will be a closed system and the only -- well, I hope to put the water in on a vacuum, since it's such a small amount.

But I have no way of predicting how much these wells will eventually make of water. From the experience I have had so far, it would be in the neighborhood of 50 to 100 barrels from each particular well, so we're talking about, perhaps, 500 barrels of water a day eventually.

I have not conducted any injectivity tests at all. The only stimulation I plan on doing at the present time to the well is acidizing it. I have a disposal well now and I treat that about every three or four months with about 700 gallons of acid.

MR. NUTTER: How about other disposal wells in the vicinity in the Langlie-Mattix, have they been able to take 500 barrels a day with reasonable pressures for any period of time, do you know?

MR. YURONKA: I don't know. All I know is

that most of the wells in the Langlie-Mattix, you can see from the plat, there is a waterflood to the east of me. There is -- UT has a waterflood to the south; they are injecting under pressure, I would assume at this stage of the game after a million barrels.

MR. NUTTER: Do you have any idea what pressures Continental is operating their waterflood at --

MR. YURONKA: No.

MR. NUTTER: --immediately east?

MR. YURONKA: There is nothing in the Engineering Committee monthly report to indicate what it would be.

MR. NUTTER: They don't report average injection pressure?

MR. YURONKA: The only thing I find in there is the amount of water injected and then the cumulative as of that date.

MR. NUTTER: And where is that UT flood that you mentioned?

MR. YURONKA: To the south in Section 31 and 32.

MR. NUTTER: Okay, that's Union Texas' Langlie Jal Unit, then, is that correct?

MR. YURONKA: Yes, sir.

MR. NUTTER: And you will be disposing into the Langlie-Mattix and that's the zone that Conoco is flooding.

MR. YURONKA: Yes.

MR. PEARCE: Excuse me, Mr. Yuronka, while Mr. Nutter looks at something --

MR. YURONKA: Yes.

MR. PEARCE: Could you look at page five of Exhibit One, the ARCO Well No. 6.

MR. YURONKA: Yes.

MR. PEARCE: Run me through what you think is going -- what the status of that hole is, at what depth, surface casing 7-5/8ths, to what depth is that?

MR. YURONKA: 400 feet.

MR. PEARCE: That's to 400. Then you've got a long string of 4-1/2 to what depth?

MR. YURONKA: 3656.

MR. PEARCE: Then the notation on the long string shows the top of cement at 1500 feet.

MR. YURONKA: Yes, sir.

MR. PEARCE: And I understand --

MR. YURONKA: Pardon me, if you'll notice on the bottom I have using a 6-1/4 inch hole and Class C cement estimated TOC is 2925.

MR. PEARCE: That's the difference that was --

MR. YURONKA: I found out yesterday that that hole was actually 6-3/4, so it would be deeper than that.

MR. NUTTER: Well then this little schematic would be in error, wouldn't it, it says 7-inch to TD; it would be 4-1/2-inch.

MR. YURONKA: Excuse me, yes, sir.

MR. NUTTER: Now, have any of the wells in the area of review been plugged and abandoned, Mr. Yuronka?

MR. YURONKA: The only one I know of, other than plugging off the Langlie-Mattix and producing the Jalmat --

MR. NUTTER: They've been plugged back but not --

MR. YURONKA: Is that Gulf Woolworth Well.

MR. NUTTER: And it has been P & A'd.

MR. YURONKA: And it's on page -- page 10.

MR. NUTTER: That's the only one that's been P & A'd then.

MR. YURONKA: Yes.

MR. NUTTER: Now, there are no other wells in this area that are deeper wells that have gone down below the Langlie-Mattix.

MR. YURONKA: Not that I know of.

MR. NUTTER: No Drinkard wells or anything like that in here.

MR. YURONKA: No, sir.

MR. NUTTER: This map shows all the wells that have been drilled.

MR. YURONKA: Yes, sir, if you'll look on the back side I had that made just the other day.

MR. NUTTER: November the 1st, yeah.

MR. YURONKA: So I assume that it's --

MR. NUTTER: Okay, are there any other questions of Mr. Yuronka? I think everything on Form C-108 has been covered, Mr. Yuronka.

Right now you'd expect maybe to dispose of 45 barrels of water a day and ultimately you might to up to 500.

MR. YURONKA: Yes, I would like administrative approval to inject up to 500, whatever these wells will --

MR. NUTTER: Well, we wouldn't put a limit on the amount of water you could put in the well. We'd put a limit on the pressure that you hold, so you anticipate a vacuum for the time being.

MR. YURONKA: I hope to. Every well I've ever treated there with acid at the beginning it's always been on a vacuum.

MR. NUTTER: And all of the injected fluid will be coming from the injection zone; it will all be Langlie-

Mattix water.

MR. YURONKA: It will all be produced water from the Langlie-Mattix zone, yes, sir.

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

Do you have anything further, Mr. Yuronka?

MR. YURONKA: NO, sir.

MR. NUTTER: Does anyone have anything they wish to offer in Case Number 7719?

We'll take the case under advisement.

(Hearing concluded.)

C E R T I F I C A T E

I, SALLY W. BOYD, C.S.R., DO HEREBY CERTIFY that the foregoing Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability.

Sally W. Boyd CSR

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 7719 heard by me on 11/10 1982.

, Examiner
Oil Conservation Division