

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY)
THE OIL CONSERVATION DIVISION FOR THE)
PURPOSE OF CONSIDERING:)

APPLICATION OF SMITH & MARRS, INC., FOR) CASE NO. 13,511
APPROVAL OF A SALTWATER DISPOSAL WELL,)
LEA COUNTY, NEW MEXICO)

ORIGINAL

REPORTER'S TRANSCRIPT OF PROCEEDINGS

EXAMINER HEARING

BEFORE: DAVID R. CATANACH, Hearing Examiner

June 16th, 2005

Santa Fe, New Mexico

OIL CONSERVATION DIVISION
1220 S. ST. FRANCIS DRIVE
SANTA FE, NM 87505

This matter came on for hearing before the New Mexico Oil Conservation Division, DAVID R. CATANACH, Hearing Examiner, on Thursday, June 16th, 2005, at the New Mexico Energy, Minerals and Natural Resources Department, 1220 South Saint Francis Drive, Room 102, Santa Fe, New Mexico, Steven T. Brenner, Certified Court Reporter No. 7 for the State of New Mexico.

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I N D E X

June 16th, 2005
 Examiner Hearing
 CASE NO. 13,511

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* * *

A P P E A R A N C E S

FOR THE APPLICANT:

PADILLA LAW FIRM, P.A.
1512 South St. Francis Drive
P.O. Box 2523
Santa Fe, New Mexico 87504-2523
By: ERNEST L. PADILLA

FOR RICE OPERATING COMPANY:

HOLLAND & HART, L.L.P., and CAMPBELL & CARR
110 N. Guadalupe, Suite 1
P.O. Box 2208
Santa Fe, New Mexico 87504-2208
By: WILLIAM F. CARR

* * *

1 WHEREUPON, the following proceedings were had at
2 1:10 p.m.:

3 EXAMINER CATANACH: All right, at this time I'll
4 call the hearing back to order and call Case 13,511, which
5 is the Application of Smith & Marrs, Inc., for approval of
6 a saltwater disposal well, Lea County, New Mexico.

7 Call for appearances.

8 MR. PADILLA: Mr. Examiner, I'm Ernest L. Padilla
9 for the Applicant in this case. I have one witness to be
10 sworn.

11 MR. CARR: May it please the Examiner, my name is
12 William F. Carr with Holland and Hart, L.L.P. We represent
13 Rice Operating Company in this matter. I do not have a
14 witness.

15 EXAMINER CATANACH: Okay, will the witness please
16 stand to be sworn in?

17 (Thereupon, the witness was sworn.)

18 EDDIE W. SEAY,
19 the witness herein, after having been first duly sworn upon
20 his oath, was examined and testified as follows:

21 DIRECT EXAMINATION

22 BY MR. PADILLA:

23 Q. Mr. Seay, state your full name, please.

24 A. Eddie W. Seay.

25 Q. Mr. Seay, what do you do?

1 A. I do consulting work for the oil and gas.

2 Q. Mr. Seay, who is the Applicant in this case?

3 A. Smith & Marrs.

4 Q. And what is your relationship with the Applicant?

5 A. I do permitting and consulting for them.

6 Q. I also understand that you will be taking an
7 assignment of the proposed saltwater disposal well
8 following approval of this Application, if it is approved.

9 A. Yes, sir.

10 Q. So you'll be the owner at that point?

11 A. Yes, sir.

12 Q. So you're here both as a consultant and as an
13 entrepreneur of sorts?

14 A. Of sorts, yes, sir.

15 Q. Okay, Mr. Seay, have you previously testified
16 before the Oil Conservation Division as a regulatory
17 expert --

18 A. Yes, sir, I have.

19 Q. -- in oil and gas matters?

20 A. I have, sir.

21 Q. Have your credentials been accepted as a matter
22 of record in those hearings?

23 A. Yes, sir.

24 Q. Have you also been qualified as an expert in
25 regulatory affairs for oil and gas matters in any litigated

1 cases?

2 A. Yes, sir, I have.

3 Q. Can you tell the Examiner about that?

4 A. I testified in the Supreme Court of Texas, the
5 District Court of Texas in several cases, Lea County, New
6 Mexico Supreme Court, on environmental matters.

7 Q. Have you, Mr. Seay, been involved in any type of
8 hearings where your qualifications have been challenged?

9 A. Yes, I have.

10 Q. And what has been the result in those cases?

11 A. I've been accepted.

12 Q. As a --

13 A. As an expert witness.

14 Q. Okay, in regulatory matters?

15 A. In regulatory matters, yes.

16 Q. How many disposal well applications have you made
17 over the years?

18 A. Fifty or 75. I haven't kept up with the number,
19 but in that neighborhood, probably.

20 MR. PADILLA: Okay, we tender Mr. Seay as a
21 regulatory expert.

22 MR. CARR: We have no objection to his
23 qualifications.

24 EXAMINER CATANACH: Mr. Seay is so qualified.

25 Q. (By Mr. Padilla) Mr. Seay, let's start off right

1 off the bat with the Exhibit Number 1, which is the
2 Application for Authorization to Inject, and let me also at
3 the same time -- Well, no, I'll just wait on that.

4 Did you prepare this Application?

5 A. Yes, I did.

6 Q. Let's start out on page 1 of that Application,
7 and tell us what that is, what's shown on that --

8 A. That's just a cover page for the Application and
9 where you sign the signature of it.

10 Q. And that's -- the Applicant still for the
11 purposes today is Smith & Marrs, right?

12 A. Yes.

13 Q. Okay, let's turn to the next page -- or let's go
14 to the third page, I should say, and what is that?

15 A. That is the map showing your area of review for
16 wells that you have to look at to see if your wells is
17 compatible with that area.

18 Q. And is that a half-mile circle, or what is that?

19 A. Yes, sir.

20 Q. Now, where in particular is the proposed
21 injection well shown on this map?

22 A. Well, it's the black dot right in the middle of
23 the circle.

24 Q. You've also prepared another map that's labeled
25 Exhibit Number 2; is that right?

1 A. Yes, I have.

2 Q. Does that show the proposed well a little bit
3 better?

4 A. Yes, it does.

5 Q. You also have -- and that's in blue?

6 A. It's in blue, yes, it is.

7 Q. You also have some other wells located on that,
8 right?

9 A. Yes, I do.

10 Q. Would you tell the Examiner what those blue
11 circles or the blue dots on that map are?

12 A. The blue dot is our proposed disposal well. The
13 green dots are three existing wells that Rice Engineering
14 own and operate.

15 Q. And where does Rice Engineering dispose of water?

16 A. In the lower San Andres.

17 Q. Okay. Same proposed injection zone as the
18 proposed well in this case?

19 A. Yes, sir, other than in our Application we asked
20 for the San Andres and the Paddock.

21 Q. Okay, let's go on to the next page, and tell us
22 what that shows.

23 A. Excuse me, San Andres and Glorieta.

24 Q. Okay. What's shown on the next page?

25 A. That's your data sheet, that's your attachment

1 for answering the questions from the first page.

2 Q. Okay, now you've made a change as far as disposal
3 is shown, at least as far as injection information in this
4 case, right?

5 A. Yes, we have.

6 Q. Is the advertisement for this case today
7 consistent with your changed disposal zone?

8 A. Yes, it is.

9 Q. Now, how does the advertisement in this case
10 change -- or different from what's contained on this page?

11 A. The original application, we sought to inject
12 into the San Andres, Glorieta, Blinebry and Tubb formation.

13 Q. Okay.

14 A. Since talking to Mr. Jones with the OCD and
15 Amerada, who had a complaint about they had some Blinebry
16 minerals, we agreed to set a plug across the Blinebry and
17 Tubb and only inject into the San Andres and Glorieta.

18 Q. So as far as the Application is concerned,
19 anything dealing with the Blinebry and the Tubb are not
20 part of the Application any longer, right?

21 A. That's right.

22 Q. And that was through agreement with Amerada Hess?

23 A. Yes, it was.

24 Q. Have you received any other objections to this
25 Application in the same manner as Amerada?

1 A. We've received an objection from Rice, but I
2 don't know what the objection was, no.

3 Q. Did they ever say to you, or anyone associated
4 with Rice Operating, why they were objecting?

5 A. No, sir.

6 Q. Are there any other changes with regard to what
7 is contained on this page that we're looking at now?

8 A. Not that I'm aware of.

9 Q. Now, let's talk a little bit -- I know you'll get
10 into that later, but about pressures, which is part VII of
11 the Proposed Operating section on the page that we're
12 looking at.

13 A. Yes.

14 Q. What kind of pressures would you encounter in
15 this well?

16 A. We're expecting the well to be on a vacuum, which
17 would be negative pressure.

18 Q. How about the other wells, the Rice Operating --

19 A. They too --

20 Q. -- disposal well?

21 A. -- are on a vacuum.

22 Q. Okay, what does that mean, they're on a --

23 A. It means they take fluid without having to have a
24 mechanical device putting it down there.

25 Q. Before I move on, tell us a little bit about the

1 Anderson Number 1 well. How long has it been productive or
2 nonproductive?

3 A. It was drilled in approximately 1985 or 1984 as a
4 producing well, but ceased to produce in about 1997 or
5 1998, in -- It hasn't produced since then.

6 Q. What's been its status since that time?

7 A. It's been just shut in.

8 Q. Okay. If this well was not converted to an
9 injection well, what would be required?

10 A. Probably have to plug it.

11 Q. Okay. Let's move on to the next page, the first
12 page dealing with a schematic. Is that the schematic of
13 the Anderson Number 1 well?

14 A. Yes, it is.

15 Q. And that's a proposed disposal well?

16 A. Yes, it is.

17 Q. Okay. Tell the Examiner what --

18 A. Other than the change that was made. It should
19 be -- There would be a bridge plug and a cement plug above
20 the Blinebry.

21 Q. Okay. And where -- would that be -- Let's talk
22 about the cementing program on that well and the casing.
23 Is there any chance that there may be any migration of
24 injected fluids into other oil-producing zones or into
25 freshwater zones?

1 A. No, it has cement above the top of your injection
2 zone.

3 Q. Can you elaborate on the fresh water, just
4 generally, before we get to the --

5 A. Fresh water in the general area is from 28 to 30
6 feet from surface --

7 Q. Okay.

8 A. -- and that's the only freshwater zone you have
9 out in the Monument area.

10 Q. In terms of this casing program as shown on this
11 schematic, is there any likelihood that you would have any
12 kind of contamination into the fresh -- or migration into
13 the fresh water?

14 A. No, we have three strings of casing in the well
15 that's for protection.

16 Q. Okay. Now, looking at the second page following
17 the well schematic, it's labeled "Injection Well Data
18 Sheet". What are the changes in terms of the injection
19 interval on that?

20 A. It should be in that -- In Number 2, it should be
21 just lower San Andres and Glorieta --

22 Q. Okay.

23 A. -- and not the Blinbry, Tubb.

24 Q. And Number 4, you would also eliminate the --

25 A. Everything to do with the Blinbry, Tubb.

1 Lowermost perforations would be at 5178.

2 Q. Okay. Now, following that page are a number of
3 schematics; is that right?

4 A. Yes.

5 Q. Okay, can you briefly go through those and -- Let
6 me ask you this: Was any problem with regard to cementing
7 as shown by the schematics that follow here, was that ever
8 -- was any problem brought to your attention while this
9 Application was before the Oil Conservation Division for
10 administrative approval?

11 A. No, it wasn't, everything looked like it was in
12 good shape, as far as the cement and pipe.

13 Q. Are you satisfied that all of the schematics in
14 the well-casing programs on the wells attached to this
15 Application are appropriately cemented to prevent migration
16 of fluids into oil-producing zones or freshwater sources?

17 A. As far as the records show, they are, yes, sir.

18 Q. Okay, let's take this -- For example, let's go
19 through this Theodore Anderson Number 18 well. That looks
20 like a complicated schematic. Is that --

21 A. That's a Chevron well that was plugged.

22 Q. Okay.

23 A. If you notice, they've got plugs in about nine
24 different places up and down that casing.

25 Q. Okay. A well like this, there's probably very

1 little likelihood of any type of migration; is that right?

2 A. Yes, sir.

3 Q. Let's go on to the Chevron USA Number 3 well,
4 which is next. Any problems that you see there?

5 A. No, sir.

6 Q. Is that well plugged also?

7 A. No, sir, it's not.

8 Q. Okay.

9 A. It's a producing well.

10 Q. But it's adequately cemented, in your opinion, to
11 prevent any migration?

12 A. Yes, sir.

13 Q. How about the next well, which is the T. Anderson
14 -- or Amerada Hess Number 3? Any problems that you with
15 that well?

16 A. No, sir.

17 Q. Any problems with any of the other wells that are
18 shown in this exhibit?

19 A. None that I know of.

20 Q. Okay. Let's move on to the freshwater analysis
21 that's a few pages down the line. It's labeled -- with a
22 letterhead of Cardinal Laboratories.

23 A. Right.

24 Q. What does that show?

25 A. This is an analytical from a freshwater well

1 that's right close -- two locations from where our proposed
2 disposal well is.

3 Q. Is that water good?

4 A. No, it appears to be contaminated, from the
5 analytical.

6 Q. Okay. And this is the only source of fresh water
7 there?

8 A. This is the only well that I took a sample from,
9 yes. There's some other wells that are further north from
10 where I'm at, oh, a mile away, but I'm talking about within
11 my area of review.

12 Q. Okay. Why would you say this was contaminated?

13 A. Because the chloride content is above the
14 drinking water standards of 24- -- It's 2499 on this
15 analytical.

16 Q. Do you have any theory as to how this water
17 became contaminated?

18 A. I have not investigated it, no.

19 Q. Okay. Is there any reason to believe that there
20 was migration of any sort from any of the disposal wells
21 operated by Rice or this proposed injection well?

22 A. Not that I know of.

23 Q. Okay. And I mean in terms of casing programs or
24 any type of migration that would impair the water quality
25 as shown by this Cardinal Laboratory analysis.

1 A. If it had been contaminated from, say, an
2 injection well, which water -- the chloride content of the
3 waters going in those wells are from 50- to, say, 100,000
4 parts -- you would have much higher chloride content in
5 your water well.

6 Q. Does the next page give you some idea as to the
7 chloride content of what is going to go into this well?

8 A. Yeah, that's the chloride content in a well we
9 propose to use to put in the injection well.

10 Q. Do you propose to inject water from all those
11 pools that are listed on this potentially?

12 A. Well, those pools are within trucking limits of
13 where we're going to have this well put; this possibly
14 could happen.

15 Q. Okay. What type of water is encountered in the
16 lower San Andres in this well, in terms of brine water?

17 A. In -- ?

18 Q. In the lower San Andres?

19 A. In the lower San Andres it's in excess of 100,000
20 parts.

21 Q. And let's take that unit as Grayburg-San Andres
22 at 137,385 chlorides per -- parts per --

23 A. Parts per million, yes, sir.

24 Q. Now, how does that compare to what's in there
25 now?

1 A. It's the same formation.

2 Q. Okay.

3 A. That's Grayburg water -- or Grayburg-San Andres
4 is almost the same.

5 Q. Is there any danger there at all with regard to
6 injecting those type of waters in there?

7 A. No.

8 Q. Do you know where the Rice wells -- or how they
9 -- where they obtain their saltwater disposal, the
10 saltwater they dispose?

11 A. The water that goes in the Rice wells is piped in
12 from various operators from around the area.

13 Q. It would be the same thing as you're proposing,
14 essentially?

15 A. Yes, sir.

16 Q. What's the difference in the two systems? Do
17 they have a closed system?

18 A. They have a closed system where everything is on
19 pipeline. It's hooked up to different tank batteries and
20 different operators that's piped into the wells, versus
21 we're going to put a truck-in system where what we do is
22 pull up there and unload into tanks, and then it will go in
23 the wells.

24 Q. So is your system going to be an open system?

25 A. Yes, it is.

1 Q. Theirs is a closed system?

2 A. Yes.

3 Q. Okay. What are the next two pages? Is that part
4 of the same kind of thin?

5 A. That's just some more analyticals showing the
6 formation waters from the Monument area.

7 Q. Okay. Now, you gave notice of this Application
8 to whom?

9 A. To Chevron, Pure, Amerada, Rice, and then the
10 landowner, Mr. Cooper.

11 Q. Okay. Have you received any objections other
12 than from Rice?

13 A. We've got a letter from Mr. Jim Bruce with
14 Amerada about the two lower zones. And other than that,
15 that's all.

16 Q. Okay. Now, the last thing here is a publication
17 that you published in Lea County, correct?

18 A. Yes, sir.

19 Q. Up to now, has there been any problem with this
20 Application in terms of any technical aspect?

21 A. Not that I'm aware of.

22 Q. Okay. Mr. Seay, do you have an opinion as to
23 whether this Application is in the best interests of
24 conservation of oil and gas?

25 A. Yes, it is. If we don't utilize a wellbore,

1 we're going to have to plug it, and I think this is the
2 best way to get rid of some produced water.

3 Q. How about active -- or prolonging producing by
4 getting rid of produced water from other wells, from other
5 sources that we're going to use --

6 A. Sure.

7 Q. -- in this injection well?

8 Okay, let's move on to Exhibit Number 3. Tell us
9 how you procured the contents of this exhibit.

10 A. Mr. Epley did -- earlier when I was working on
11 this permit, he did some logging work for me and some --
12 picking some tops on my logs and some engineering --
13 checked some of my engineering stuff.

14 And when we got the hearing deal set up for this
15 case, I just asked him to give me a report as to what his
16 findings were.

17 Q. Were you concerned about whether that well would
18 be able to take water on a consistent basis?

19 A. That was what I was concerned with in the first
20 place, was having him check everything out on the logs and
21 the well files.

22 Q. What does this report essentially say?

23 A. The report was done to show how far out the water
24 will go and, you know, how much porosity we have, how much
25 water we're putting in the ground and, in time, how far it

1 will reach past the wellbore.

2 Q. Okay. What are the results or conclusions that
3 Mr. Epley gave you, in terms of -- How much water can you
4 put in this disposal well?

5 A. We were only -- We used a figure of 4000 barrels
6 a day, and I asked him to figure the radius of a quarter of
7 a mile, which is half the distance between us and any of
8 the Rice wells. And that number came up to 74 million
9 barrels, and it would take 50 years to reach that -- based
10 on his calculations -- to reach that quarter of a mile.

11 Q. Do you have any -- or do you have an opinion as
12 to whether you're going to affect any of the Rice wells?

13 A. Not right away, we wont, based on the
14 calculation.

15 Q. It would take 50 years, according to your
16 testimony?

17 A. It would take 50 years to reach halfway there.

18 MR. PADILLA: Mr. Examiner, we tender Exhibits 1,
19 2 and 3.

20 EXAMINER CATANACH: Any objection?

21 MR. CARR: No objection.

22 EXAMINER CATANACH: Exhibits 1 through 3 will be
23 admitted.

24 MR. PADILLA: We pass the witness.

25 EXAMINER CATANACH: Mr. Carr?

CROSS-EXAMINATION

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BY MR. CARR:

Q. Mr. Seay, you're the individual that actually selected this Anderson well as a good candidate for a disposal well; is that right?

A. Yes, I did, sir.

Q. At that time, were you looking at any other potential wells for disposal purposes?

A. I look for wells all over Lea County. I have clients who are looking for disposal wells everywhere.

Q. And this one looked like a good candidate to you; is that right?

A. Yes, it did.

Q. You indicated that you're going to have the -- you're going to acquire the well once the Application is approved?

A. I have the option to take the well over from Mr. Smith, yes, sir.

Q. And Mr. Smith has this now, and he's acquired the rights from Mr. Cooper; is that correct?

A. Yes, sir.

Q. And they have a -- what, a saltwater disposal lease of some kind covering this acreage?

A. We don't have a disposal well yet.

Q. But do you know what you're going to get? Are

1 you going to have a saltwater disposal lease, or are you
2 going to work out a separate arrangement with Mr. Cooper at
3 that time?

4 A. I'll have to work out something with Mr. Cooper.
5 He didn't protest the Application. I talked to him about
6 it.

7 Q. And if I look at your Exhibit Number 2, you've
8 placed the two nearest Rice wells, the G-8 and the M-9 on
9 that well, correct? --

10 A. Yes --

11 Q. -- on that exhibit?

12 A. Yes, sir.

13 Q. Both of those are approximately a half mile from
14 where you're proposing to actually recompleate this well for
15 the purpose of injection?

16 A. Yes, sir.

17 Q. You indicated that you had employed Scott Epley
18 to help you determine whether or not this well really had
19 the ability to take significant volumes of water; is that
20 fair to say?

21 A. Yes, sir, that and how far it would affect
22 radially.

23 Q. If I look at Mr. Epley's report, he talks about
24 the cumulative injection from January, 1994, through
25 October of 2004, being a total of 35.2 million barrels.

1 That's from the three injection wells in the area?

2 A. Yes, sir.

3 Q. Why did he pick the January, 1994, start date; do
4 you know?

5 A. Because I told him to pick a 10-year span there
6 to see what was happening.

7 Q. Are you aware that the M-9 well has been
8 injecting since 1963?

9 A. No, sir, since 1958.

10 Q. All right, far -- long ago?

11 A. Yeah.

12 Q. And are you aware that the total volumes injected
13 in that well alone to date are approximately 80 million
14 barrels?

15 A. All the figures we had was from the stat books,
16 I --

17 Q. Okay.

18 A. -- I don't know what Rice's figures are.

19 Q. If you've already had 80 million barrels injected
20 in a well that is structurally flat to the proposed well --

21 A. Yes, sir.

22 Q. -- there's going to be continuing injection in
23 that well, wouldn't it be fair to say that there would be
24 some interference between those two wells?

25 A. Well, based on the calculation, they would be

1 halfway to us, based on -- at this calculation of 74
2 million barrels in 50 years, then Rice's injection puts
3 them within a quarter of a mile of us, yes, sir --

4 Q. And so as --

5 A. -- if that's what you're asking.

6 Q. Yes.

7 A. Okay.

8 Q. And isn't that something that you would want to
9 consider in terms of determining whether or not your well,
10 in fact, can over the next 50 years receive 74 million
11 barrels of water?

12 A. I didn't calculate that, no.

13 Q. Did you look at the current injection rates for
14 the two wells offsetting the proposed location, being the
15 G-8 and the M-9?

16 A. We did a calculation on how many -- how much
17 barrels and everything was going into those two.

18 Q. Do you realize that in those two wells alone at
19 the present time there are 440,000 barrels a month going in
20 those two wells?

21 A. Pretty much, yes, sir.

22 Q. Isn't it fair to say that when you're putting the
23 wells in this kind of proximity with that volume already in
24 the reservoir, that they're going to have a direct impact
25 on each other as we go forward?

1 A. I don't think they have yet, but I don't know.

2 Q. Wouldn't you think that that volume in the
3 reservoir and these continued rates over, say, the next 20
4 years, would in fact impact the volumes that you could take
5 in your proposed well?

6 A. I didn't count them, I don't know.

7 MR. CARR: All right, that's all I have. Thank
8 you.

9 EXAMINER CATANACH: Okay. Anything further?

10 MR. PADILLA: Yeah, I have a question.

11 REDIRECT EXAMINATION

12 BY MR. PADILLA:

13 Q. Mr. Seay, do you know of any regulation that
14 essentially says, as far as disposal wells, first in time
15 wins in terms of reservoir space or anything like that for
16 injection purposes?

17 A. No.

18 MR. PADILLA: That's all I have.

19 EXAMINATION

20 BY EXAMINER CATANACH:

21 Q. Okay. Mr. Seay, this well is currently on record
22 as being owned and operated by Smith & Marrs; is that
23 correct?

24 A. Yes, sir.

25 Q. And it's on a fee lease, it's on Cooper's -- it's

1 fee acreage?

2 A. Fee acreage.

3 Q. Okay. Does Smith & Marrs have any agreement with
4 Cooper at this point?

5 A. No --

6 Q. So --

7 A. -- only with me.

8 Q. Okay. So you'll have to negotiate some kind of
9 agreement with --

10 A. I have talked to Mr. Cooper and told him what I
11 was doing. After the fact, I may have to get a separate
12 deal with him. Now, that's...

13 Q. Okay, and you are planning to take over the well?

14 A. Yes, sir, if approved.

15 Q. And you'll have to get a plugging bond, right?
16 You don't currently have a plugging bond, do you?

17 A. No, I don't, we'll have to get that.

18 Q. Okay. Can you tell me where you plan to set the
19 plug, the bottom plug, in this well, to isolate the lower
20 formations?

21 A. Above the Blinebry.

22 Q. All right. Can you give me a depth?

23 A. Well, we didn't discuss a depth when Will Jones
24 and I was talking about that change, but it will be
25 whatever OCD recommends. All he told me was, we had to

1 isolate that.

2 Q. Well, what formation did this well produce from;
3 do you know?

4 A. Perforations are open from Blinebry, Tubb,
5 Glorieta. That's where it's perforated right now.

6 Q. Do you have any plans to squeeze the Blinebry
7 perforations, or are you just going to isolate it by --

8 A. Just isolate them with a cast-iron bridge plug
9 and cement.

10 Q. And you testified that the San Andres water in
11 this area is 100,000 TDS?

12 A. 100,000 parts per million of chloride, not TDS.

13 Q. Of chloride, okay. Do you have an analysis of
14 the San Andres water, Mr. Seay?

15 A. Other than what I've got here that shows -- that
16 I got from the Oil Commission on these sheets here. It
17 shows San Andres.

18 Q. Is that specifically --

19 A. Not --

20 Q. -- as to this area?

21 A. Not specifically from that well or area, because
22 there's not any wells producing from the lower San Andres
23 there.

24 Q. But the San Andres in this area is generally --
25 is it oil-productive in this area?

1 A. The upper San Andres is.

2 Q. And this is lower --

3 A. That's where Amerada has its waterflood, into the
4 upper San Andres, and maybe Chevron too, I'm not real sure.
5 But it is productive.

6 Q. Okay. And your plan of operation is to have a
7 tank on location?

8 A. Tank in close proximity. Maybe not right on
9 location, but maybe up close to the highway somewhere, if I
10 can work out that with Mr. Cooper.

11 Q. And from there, the trucks will drop off the
12 water at the tank?

13 A. Yes.

14 Q. Okay. You indicated that you're going to be
15 taking water from a number of sources in this area, and we
16 only have -- you only submitted an analysis of what I think
17 are two or three different sources, Tubb and Grayburg-San
18 Andres.

19 Do you plan on running additional source analysis
20 for us?

21 A. If you need them, yes, sir.

22 Q. We do, because we're actually supposed to have an
23 analysis of all the source water going into the well.

24 A. The reason there's not -- that I don't have -- I
25 mean, I don't know where they're going to bring the water

1 from. Most of the water within a five- or 10-mile area of
2 where we're at is San Andres, Blinbry, Glorieta, Yates.
3 There's no deeper well around there that I'm aware of. But
4 if we need it, we'll get it. No problem.

5 EXAMINER CATANACH: Okay. I think that's all I
6 have. Is there anything further?

7 MR. PADILLA: Nothing further.

8 MR. CARR: I have a statement I want to make.

9 EXAMINER CATANACH: Okay, go ahead.

10 MR. CARR: May it please the Examiner, as we
11 know, Smith & Marrs, Inc., is the Applicant here today,
12 proposing to convert a well to injection in the lower San
13 Andres formation.

14 Exhibits show today that Rice Operating Company
15 operates two injection wells, the G-8 to the north, which
16 is slightly more than a half mile from the proposed
17 injection well, the M-9, which is less than half a mile to
18 the east. They are injecting into the same intervals that
19 Smith & Marrs now proposes to utilize.

20 The G-8 has been injecting since 1982 and to date
21 has disposed of 24 million barrels, with a current
22 injection rate of 250,000 barrels a month.

23 The M-5 [sic] has been injecting since 1958 and
24 to date has taken 80 million barrels, with a current rate
25 of approximately 180,000 barrels a month. These wells plan

1 to be utilized for at least an additional 20 years.

2 What we have here is, within approximately a half
3 mile in two directions, already 100 million barrels of
4 water having been disposed and a current injection rate of
5 440,000 barrels a month, we have an Applicant before you
6 that testifies as of today they have no right to the well
7 beyond the acreage.

8 We submit to you that supporting an application
9 with an engineering study that goes back 10 years when, in
10 fact, injection has been occurring for 47 years, is not an
11 accurate depiction of the status of the reservoir at this
12 time.

13 We don't believe that first in time wins, but we
14 do believe that the Division, as it carries out its
15 functions, is to assure that wells are drilled, operated
16 and produced so as not to damage offsetting properties, and
17 we believe that's what will happen here for that reason.

18 Rice Operating Company opposes the Application.

19 EXAMINER CATANACH: Thank you, Mr. Carr.

20 Anything else, Mr. Padilla?

21 MR. PADILLA: Well, in light of that I have to
22 say something.

23 Mr. Examiner, this is about competition. Mr.
24 Seay, or Smith & Marrs, which is the Applicant in this
25 case, proposes to compete in some manner with Rice

1 Operating. That is why there's an opposition in this case
2 today.

3 There's nothing in the record that says that the
4 Applicant in this case is going to impair oil and gas
5 reserves. How in the world you can apply a first-come,
6 first-served type of basis in this case I don't know. It's
7 just simply -- Obviously, this is a regulatory proceeding,
8 and obviously the Applicant is going to have to get some
9 permission to inject. You can easily separate the
10 regulatory proceeding from a land right, which the
11 Applicant proposes to get.

12 So once that's obtained, as far as the right to
13 inject into this mineral estate, then I think everything
14 would be appropriate. There's no precondition to obtaining
15 permission to inject prior to seeking a regulatory
16 permission to inject or to dispose of water.

17 So I think the Application -- or the opposition
18 in this case is simply trying to preserve a noncompetitive
19 type of status in that area for saltwater disposal.

20 EXAMINER CATANACH: Thank you, Mr. Padilla.

21 Okay, there being nothing further, this case,
22 Case 13,511, will be taken under advisement.

23 (Thereupon, these proceedings were concluded at
24 1:47 p.m.)

25 I do hereby certify that the foregoing is
a complete record of the proceedings in
the Examiner hearing of Case No. 13511
heard by me on June 16, 2005

STEVEN T. BRENNER, CCR
(505) 989-9336 Conservation Division, Examiner

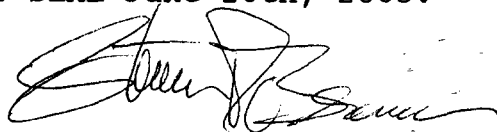
CERTIFICATE OF REPORTER

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

I, Steven T. Brenner, Certified Court Reporter and Notary Public, HEREBY CERTIFY that the foregoing transcript of proceedings before the Oil Conservation Division was reported by me; that I transcribed my notes; and that the foregoing is a true and accurate record of the proceedings.

I FURTHER CERTIFY that I am not a relative or employee of any of the parties or attorneys involved in this matter and that I have no personal interest in the final disposition of this matter.

WITNESS MY HAND AND SEAL June 20th, 2005.



STEVEN T. BRENNER
CCR No. 7

My commission expires: October 16th, 2006