

NEW MEXICO OIL CONSERVATION DIVISION

STATE LAND OFFICE BUILDING

STATE OF NEW MEXICO

CASE NO. 10632

IN THE MATTER OF:

The Application of Meridian Oil, Inc.,
for Compulsory Pooling and an
Unorthodox Coal Gas Well Location,
San Juan County, New Mexico.

BEFORE:

MICHAEL E. STOGNER

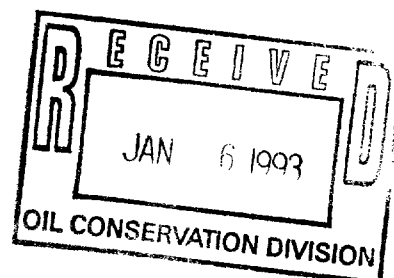
Hearing Examiner

State Land Office Building

December 17, 1992

REPORTED BY:

CARLA DIANE RODRIGUEZ
Certified Court Reporter
for the State of New Mexico



ORIGINAL

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A P P E A R A N C E S

FOR THE NEW MEXICO OIL CONSERVATION DIVISION:

ROBERT G. STOVALL, ESQ.

General Counsel
State Land Office Building
Santa Fe, New Mexico 87504

FOR THE APPLICANT:

KELLAHIN and KELLAHIN
Post Office Box 2265
Santa Fe, New Mexico 87504-2265
BY: **W. THOMAS KELLAHIN, ESQ.**

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1 EXAMINER STOGNER: Call next case, No.
2 10632.

3 MR. STOVALL: Which is the application
4 of Meridian Oil, Inc., for compulsory pooling and
5 an unorthodox coal gas well location, San Juan
6 County, New Mexico.

7 EXAMINER STOGNER: Call for
8 appearances.

9 MR. KELLAHIN: If it please the
10 Examiner, my name is Tom Kellahin of the Santa Fe
11 law firm of Kellahin and Kellahin, appearing on
12 behalf of Meridian Oil, Inc.

13 EXAMINER STOGNER: Any other
14 appearances?

15 How many witnesses do you have in this
16 particular case?

17 MR. KELLAHIN: Mr. Examiner, I have the
18 same three witnesses as in the prior case, and to
19 expedite my presentation I would like the record
20 to reflect that they're already under oath and
21 continue to do so in this case.

22 EXAMINER STOGNER: And so it shall.
23 You may continue.

24 MR. KELLAHIN: The next case has the
25 off-pattern request for the Maddox 777 well. In

1 addition, there is a request for a compulsory
2 pooling order.

3 When originally filed, Unocal was a
4 working interest owner which had not yet
5 committed its interest. It is my understanding
6 that the documents necessary to commit their
7 interest on a voluntary basis have been executed,
8 and so we would propose to delete them from the
9 pooling.

10 That leaves remaining, then, the
11 unusual circumstance of one of the oil and gas
12 leases in the spacing unit not having a pooling
13 clause, and so we'll be seeking a compulsory
14 pooling in order to proportionately allocate the
15 royalty and overrides in a lease that is being
16 dedicated to the spacing unit. Mr. Alexander
17 will describe that for you.

18 There will be no need for a risk factor
19 penalty or royalty charges involved because these
20 are royalty owners and they do not bear any cost
21 for those items.

22 EXAMINER STOGNER: Mr. Kellahin, is
23 this something similar to an old mineral lease
24 royalty interest back in the early 50s, 40s, that
25 was common at those times?

1 MR. KELLAHIN: Yes, sir. We've done
2 this on occasion. It doesn't happen too often,
3 but occasionally we're required to do this in
4 order to consolidate that interest, and we
5 proportionately reduce it so they have their fair
6 share of the spacing unit.

7 EXAMINER STOGNER: Okay.

8 MR. KELLAHIN: In addition, the
9 unorthodox location as docketed showed a 640-foot
10 setback from the east boundary. That now has
11 been moved back to a more standard location which
12 is 790 from that boundary. However, it is still
13 in the wrong quarter section so it is
14 off-pattern. But the well footage setback now
15 meets the 790 setback rule.

16 EXAMINER STOGNER: What is the footage
17 location that you're proposing at this time?

18 MR. STOVALL: Did you want to have the
19 witness testify to that?

20 MR. KELLAHIN: I will, and it's on one
21 of the displays.

22 MR. STOVALL: That would be a better
23 way to do it. Let's go ahead and get the witness
24 to put that in.

25 MR. KELLAHIN: It's going to be 790

1 from the east boundary and 2150 from the south
2 line.

3 EXAMINER STOGNER: Okay. You may
4 continue.

5 ALAN ALEXANDER

6 Having been previously duly sworn upon his oath,
7 was examined and testified as follows:

8 EXAMINATION

9 BY MR. KELLAHIN:

10 Q. Mr. Alexander, let me have you, sir,
11 turn to Exhibit No. 1 and, for the record,
12 identify the documents behind Exhibit tab No. 1?

13 A. The documents behind Exhibit tab No. 1
14 consist of our application for compulsory pooling
15 as well as the application for the unorthodox
16 coal well location for our Maddox Com #777 well.

17 This well is located in Section 17 of
18 Township 30 North, Range 8 West, in the southeast
19 quarter of that section.

20 Q. Of the working interest owners in the
21 east half of 17, which of those interest owners
22 first proposed the drilling of a coal gas well in
23 the spacing unit?

24 A. This well was first proposed by Conoco,
25 Inc. They contacted us around October 9th of

1 this year to propose this work and to start all
2 of the work necessary to form a unit and get all
3 the parties committed to it.

4 Q. What portion of the spacing unit had
5 they proposed that the well be drilled?

6 A. Originally, Conoco, Inc., proposed the
7 well be drilled in the northeast quarter of this
8 section.

9 Q. Summarize for us what subsequently
10 transpired.

11 A. Once they contacted us, we began
12 looking at this proposal along with Conoco. It's
13 a joint project at this time, even. We
14 determined from our analysis of the wells that
15 have completed in this area and our analysis of
16 the kicks that had taken place in the Mesaverde
17 wells that have been drilled previously, that the
18 more prudent and less risky thing to do would be
19 to move the well to the southeast quarter and
20 drill it down there for those reasons. All of
21 the working interest owners, including Conoco and
22 Amoco, are in agreement with this move to the
23 southeast quarter.

24 Q. Let me have you turn to Exhibit No. 2,
25 and the display shown behind Exhibit No. 2.

1 A. The display behind Exhibit No. 2 is an
2 offset operator owner plat that describes this
3 section for the Maddox Com #777 well. It also
4 indicates the offset owners and operators and
5 their position to the proposed east half drill
6 block.

7 Q. This location shown on the display is
8 the revised location?

9 A. Yes, sir, that's correct.

10 Q. Summarize for us the revision of the
11 location from where it was first proposed in the
12 southeast quarter.

13 A. We first proposed the location at a
14 distance from the east line of 640 feet. That
15 would be the most critical measurement. The
16 reason for that initially is, this is a rather
17 complex area, topographically. The San Juan
18 river runs through this area.

19 We were attempting to find a location
20 somewhat removed from the existing wells and to
21 fit the existing topography and to fit with the
22 wishes of this fee surface owner in this area.

23 Upon further study, we found we were
24 able to find a location 790 feet from the east
25 line and we preferred to move it back to that

1 location. It's a compromise and it's a little
2 bit riskier, but everything being considered,
3 we're happy with that location at this point in
4 time.

5 Q. Have you received any objection to the
6 location from any of the offset operators?

7 A. No, sir, we have not.

8 Q. Let's turn now to the display shown
9 behind Exhibit tab No. 3, the first display, and
10 have you help us see some of the topographic
11 features that limited the location to the one
12 proposed?

13 A. The two exhibits behind Exhibit 3, the
14 first one is a nine-section plat of the area
15 showing all of the wells. It's a little easier
16 to see the topography to scale.

17 If you'll turn to the section page
18 behind Exhibit No. 3, you can see where the San
19 Juan river runs through this quarter section, as
20 well as the locations of the existing wells in
21 this area.

22 That presented us with some problems in
23 attempting to locate this well where we did.
24 South of the river that acreage is all developed,
25 it's commercial real estate, and we're not able

1 to locate a well anywhere south of the river on
2 this acreage, so that left us with the north half
3 of the southeast quarter and those are the
4 factors that dictated pretty much where we would
5 be able to locate a well on this quarter section.

6 Q. The display also shows a dashed black
7 outline which appears to indicate differences in
8 leases within the spacing unit?

9 A. Yes, sir.

10 Q. Is that what that represents?

11 A. That is correct.

12 Q. Identify for us the tract that contains
13 the lease which does not have a pooling clause.

14 A. If you'll look in the southeast quarter
15 of Section 17, you will see three segmented
16 portions, three different groups of leases. If
17 you'll look at the segmented portion that's
18 pretty much in the center of the southeast
19 quarter--the actual description of that is the
20 north 200 yards of the south half of the
21 southeast quarter--that is the lease that does
22 not currently contain a pooling clause.

23 Q. Has Meridian dealt with this lease in
24 past efforts, to consolidate it with other tracts
25 to form spacing units?

1 A. Yes, sir, we have, and I believe we
2 have also purchased this lease from our
3 purchaser. There was not much information in the
4 file to indicate whether they were successful.
5 We normally try to amend all of these types of
6 leases, and sometimes we're unsuccessful and it
7 causes these pooling cases to happen.

8 Q. Who is the working interest owner for
9 the lease?

10 A. It consists of Meridian and our
11 partners. It's a group of people.

12 Q. Let me ask you to turn back to what is
13 marked as Exhibit B to the application which is
14 contained behind Exhibit No. 1. It's the second
15 to the last page in Exhibit No. 1 which says
16 "Exhibit B," and it lists a bunch of names and
17 addresses.

18 Excluding Unocal, which was the working
19 interest owner, what do the rest of the names on
20 that sheet represent?

21 A. Those are the parties that own a common
22 royalty and an overriding royalty in this
23 particular lease. They would be the parties that
24 would be affected by this application since there
25 was not a pooling clause in this lease.

1 Q. Have you satisfied yourself that the
2 identity and addresses are as current and
3 accurate as Meridian can obtain?

4 A. Yes, sir, that's correct.

5 Q. Have you caused notification to be sent
6 to all these individuals or entities?

7 A. Yes, sir, we have.

8 Q. Have you received any comments,
9 objections, or any correspondence, phone calls
10 from any of these people?

11 A. No, sir, we have not.

12 MR. KELLAHIN: That concludes my
13 examination of Mr. Alexander. We move the
14 introduction of Exhibits 1, 2 and 3.

15 EXAMINER STOGNER: Exhibits 1, 2 and 3
16 will be admitted into evidence.

17 Mr. Stovall.

18 EXAMINATION

19 BY MR. STOVALL:

20 Q. Have you asked any of those people to
21 sign a pooling agreement for this tract?

22 A. I investigated the lease we have, our
23 lease file on that, and although it's not
24 entirely complete, I did not find some
25 correspondence in this particular file where the

1 prior party to us had approached those people.
2 But that's not to say they had not been
3 approached. I just did not find it in my file.

4 Q. My question is specifically to this
5 tract. Even though you don't have a pooling
6 clause, those parties could sign a pooling
7 agreement which would pool their interests?

8 A. Yes, sir, they could amend the current
9 lease.

10 Q. They wouldn't have to amend the current
11 lease. They could sign a pooling agreement, a
12 separate agreement, which would be comparable to
13 a com agreement?

14 A. Yes, sir, that's true.

15 Q. Have you asked them to do so?

16 A. We're working on the communitization
17 agreement at this time.

18 Q. But you haven't answered my question.
19 Have you asked them whether or not they would
20 sign a com agreement or pooling agreement?

21 A. No, sir. They have not been asked yet
22 since we have not furnished all of the parties
23 with the communitization agreement for this well.

24 Q. If you were to do so, is it your
25 opinion that their interest would be the same as

1 if they are pooled by an order here?

2 A. Yes, sir, in my opinion it would be.

3 Q. So there's really not a material
4 difference, in effect, is that correct?

5 A. No, sir, not to my understanding.

6 MR. STOVALL: Okay. That's it.

7 EXAMINATION

8 BY EXAMINER STOGNER:

9 Q. For my sake, when I look at the east
10 half of Section 17, the northeast quarter, is
11 that a fee? federal? state tract? I want to
12 break these down so I understand which tract is
13 which.

14 A. Yes, sir. The northeast quarter is a
15 federal tract owned by Amoco and Conoco jointly.

16 Q. When I go down to the north half of the
17 southeast quarter, how about that particular
18 portion?

19 A. Those leases there, there are three
20 leases, they are all fee leases in the north half
21 of the southeast quarter. That lease, if you'll
22 look on Exhibit 3 on that plat, you'll see a land
23 hook there that indicates the south half of the
24 southeast quarter are those same three leases;
25 with that middle tract, the north 200 yards of

1 the southeast quarter, being a separate fee
2 lease.

3 Q. What was that legal description again?
4 The north 200 yards?

5 A. Of the south half of the southeast
6 quarter. Yes, sir, that's correct.

7 Q. And the parties in Exhibit B of Exhibit
8 No. 1 are the parties of interest in that
9 particular tract, is that correct?

10 A. They are the royalty and the overriding
11 royalty interests, yes, sir.

12 MR. KELLAHIN: With the exception of
13 Unocal at the bottom of the page.

14 EXAMINER STOGNER: Any other questions
15 of Mr. Alexander?

16 MR. STOVALL: I do have one other
17 question.

18 FURTHER EXAMINATION

19 BY MR. STOVALL:

20 Q. It appears from your drawings that this
21 is an irregular shaped section. Are these
22 drawings accurate?

23 A. Yes, sir, they're accurate. It's
24 irregular shape, but it does consist of 320
25 acres.

1 MR. STOVALL: That's it.

2 EXAMINER STOGNER: Any other
3 questions? Mr. Alexander may be excused at this
4 time.

5 Mr. Kellahin?

6 MR. KELLAHIN: Call Mr. Falconi.

7 JAMES D. FALCONI

8 Having been previously duly sworn upon his oath,
9 was examined and testified as follows:

10 EXAMINATION

11 BY MR. KELLAHIN:

12 Q. Mr. Falconi, let me ask you to turn to
13 the display behind Exhibit tab No. 4. Identify
14 for us the information shown on that display.

15 A. Okay. Exhibit 4 is a nine-section of
16 the area surrounding the proposed well, the
17 Maddox Com 777. The wells in the Basin Fruitland
18 Coal pool are shown with the triangular symbol,
19 the well number symbol. Below the symbol are two
20 numbers, one number being the gas in place in
21 Bcf, and the other number indicating the current
22 producing rate in Mcf per day.

23 Q. Using this as a way to illustrate your
24 conclusions, summarize for us the reasons that
25 you have proposed that the well, to develop the

1 east half of 17, be located in an off-pattern
2 position in the southeast quarter.

3 A. We chose to go to the southeast quarter
4 of 17 after a review of the area. The gas in
5 place numbers across the section remain
6 relatively constant, in the 8 to 12 Bcf range, 13
7 Bcf range.

8 However, the indications of
9 permeability in this area are limited, and the
10 wells offsetting the proposed location did have
11 kicks in the Fruitland Coal interval when they
12 drilled through it. The well in the northeast
13 quarter of Section 17 did not have a kick in the
14 Fruitland Coal interval, and therefore we're
15 trying to go towards the location with less
16 risk. We're using the kicks in the Fruitland
17 Coal as a permeability indicator.

18 Also, if you look at the nine-section,
19 numerous wells in the nine-section are currently
20 off-pattern there in the northwest or the
21 southeast. That's particularly true of the
22 section to the east of us, Section 16, the Delhi
23 Com #300 well is located off-pattern.

24 By putting the well up in the northeast
25 quarter, we would be crowding that location.

1 Also, in the west half of Section 17, the Howell
2 "C" Com No. 1 is also located off-pattern.
3 Therefore, developing the east half of Section 17
4 off-pattern remains consistent with the offset
5 wells.

6 Q. If you look at the northeast quarter of
7 Section 17, that 160 acres is virtually
8 surrounded on the north and west and east side by
9 coal gas wells also on 160-acre spacing?

10 A. That is correct.

11 Q. Your conclusion, then, is it's
12 preferable, in order to recover the recoverable
13 gas in the spacing unit, to move farther south in
14 the spacing unit?

15 A. That's correct, for two purposes: Not
16 to crowd the existing wells, and also the
17 indications of permeability.

18 Q. Let's turn now to the display behind
19 Exhibit tab No. 5, which also shows the location
20 of not only the coal gas wells but other wells
21 that you may have utilized information from in
22 order to help you support your location.

23 A. That's correct. Exhibit No. 5 is a
24 nine-section plat also, showing all wells which
25 penetrated the Fruitland Coal interval. What we

1 have specifically highlighted in yellow on this
2 plat are wells that took kicks in the Fruitland
3 Coal when the mud weighed in excess of 10
4 pounds.

5 As you can see, in the east half of
6 Section 17, we have three existing wells. I
7 believe it's the Howell "A" 4, located in the
8 northeast of Section 17. That well drilled the
9 Fruitland Coal interval with water. There were
10 no indications of pressure or permeability when
11 it penetrated the Fruitland Coal interval.

12 However, in the southeast quarter we
13 have two existing wells, the Maddox Com #2,
14 denoted with a dry hole symbol. That was a test
15 to the Pictured Cliffs interval. That well was
16 subsequently plugged. However, when we drilled
17 the Fruitland Coal interval, it did take a kick
18 and it required a 10.5 pound mud wave to control
19 the pressure.

20 Immediately offsetting that well is the
21 Maddox Com #1A which also took a kick while
22 drilling the Fruitland Coal interval, which has
23 given us good indications of pressure and
24 permeability in the southeast quarter of the
25 section.

1 Q. What's the significance of the kick in
2 relation to the mud wave?

3 A. The significance of the kick in
4 relation to the mud wave is that if you get a
5 kick while drilling the Fruitland Coal interval,
6 you do have an indication of permeability. The
7 mud wave is an indication of the pressure in the
8 formation. The #4 well in the northeast, as you
9 can see, that well was drilled with water to the
10 Fruitland Coal interval. There's no indication
11 of pressure or permeability.

12 Q. What is your ultimate conclusion, then,
13 about the optimum location in which to drill the
14 well to appropriately develop the coal gas
15 reserves in the east half of 17?

16 A. My conclusion from our study is that it
17 lessens the risk and protects the correlative
18 rights better by recovering the reserves in the
19 west half by drilling in a location off-pattern.
20 It lessens the risk in that we have indications
21 of permeability in the southeast quarter versus
22 the northeast quarter.

23 In addition, we won't be crowding the
24 offset wells by remaining off-pattern.

25 Q. Have you shared your opinions and

1 conclusions with the other working interest
2 owners in the spacing unit?

3 A. Yes, we have. As Alan indicated in his
4 testimony, originally the well was proposed by
5 Conoco in the northeast quarter. We did an
6 intensive review of the area and determined that
7 the southeast quarter was more optimum to recover
8 the reserves in that drill block.

9 Conoco and Amoco have both agreed with
10 our recommendation and would prefer to see the
11 well off-pattern.

12 MR. KELLAHIN: That concludes my
13 examination of Mr. Falconi. We would move the
14 introduction of his Exhibits 4 and 5.

15 EXAMINER STOGNER: Exhibit 4 and 5 will
16 be admitted into evidence at this time.

17 I have no questions of Mr. Falconi at
18 this point.

19 GREGORY L. JENNINGS

20 Having been previously duly sworn upon his oath,
21 was examined and testified as follows:

22 EXAMINATION

23 BY MR. KELLAHIN:

24 Q. Mr. Jennings, let me have you quickly
25 summarize the information from Exhibits 6 and 7

1 and then we'll talk about the cross-section,
2 which is Exhibit No. 8. For Exhibit 6, this is
3 the isopach you prepared on coal thickness for
4 the area?

5 A. That's correct. It's an isopach of the
6 total Fruitland Coal. You can see the Maddox Com
7 777 location with a star, basically about 50 feet
8 of coal in and around the section that we're
9 proposing to drill. No significant changes.

10 Q. Do you see any material difference in
11 coal thickness that would indicate to you where
12 the optimum location is in which to drill a well
13 in the east half of the spacing unit?

14 A. No. The thickness appears to have no
15 correlation with the changes in production.

16 Q. Let's go to Exhibit 7. This is your
17 structure map on the base of the Fruitland Coal?

18 A. Right.

19 Q. Do you see any material differences in
20 structure with regards to the optimum location of
21 a well in the east half of the section in order
22 to develop the coal gas reserves?

23 A. No. No changes in structure. Regional
24 dip to the northeast, and nothing significant
25 occurring structurally.

1 Q. Let's look at the cross-section.
2 Orient us as to where the wells are that you have
3 picked in the cross-section, Exhibit No. 8, and
4 why you've chosen those three wells to display.

5 A. Okay. It's a three-well cross-section,
6 B - B', north to south. We'll start on the
7 south. I hate to keep showing you things that
8 don't influence the production, but we've got six
9 basic coal seams that are present in all three
10 wells on this cross-section.

11 The well to the south--I should back up
12 by saying that this area has quite a number of
13 producers that are poor. We consider this
14 location to have quite a bit of inherent risk.
15 The location to the south on this cross-section
16 is an example of nearby poor results.

17 This well is an open hole completion
18 producing 12 Mcf a day. The cross-section runs
19 up to the twin well that we're proposing to
20 offset. It was an old Pictured Cliffs well that
21 Union Texas drilled and they plugged it after
22 they determined that the Pictured Cliffs was not
23 commercial.

24 Then we moved to the north where we do
25 have a good producer making 2.5 million a day.

1 Same coal seam is present there. Once again,
2 nothing on the logs that would enable us to
3 determine indications of permeability, but that
4 is the key that we're playing.

5 Q. Having examined all the conventional
6 geologic information, and excluding all those
7 components as explanations for the optimum
8 location, what then did you and Mr. Falconi do in
9 order to pick the best location in the spacing
10 unit?

11 A. Well, we're back to our evaluation of
12 older wells and looking for wells that took
13 kicks. It's really pretty simple in this spacing
14 unit. We have a number of poor wells nearby, as
15 you can see. The No. 4 well in the northeast
16 quarter drilled the coal with water, encountered
17 no kicks whatsoever, which indicates a lot of
18 risk associated with drilling in the northeast
19 quarter. Both of these wells that we're twinning
20 did take kicks in the coal. While that's not a
21 guarantee, it certainly makes us feel that that's
22 the optimum location to drill. In fact, it also
23 happens to be more consistent with the current
24 pattern of the wells in the area, so that's where
25 we're proposing to drill.

1 MR. KELLAHIN: That concludes my
2 examination of Mr. Jennings. We would move the
3 introduction of his Exhibits 6, 7 and 8.

4 EXAMINER STOGNER: Exhibits 6, 7 and 8
5 will be admitted into evidence. And I have one
6 simple question.

7 EXAMINATION

8 BY EXAMINER STOGNER:

9 Q. The fact that the northeast quarter,
10 which would be a standard pattern on federal
11 acreage, did not have any influence on the
12 location of this well?

13 A. No.

14 EXAMINER STOGNER: No other questions
15 of Mr. Jennings.

16 MR. KELLAHIN: Mr. Examiner, Exhibit 9
17 is the certificate of mailing and notification to
18 all affected parties.

19 That concludes our presentation, with
20 the admission of Exhibit No. 9.

21 EXAMINER STOGNER: Exhibit No. 9 will
22 also be admitted at this time.

23 Mr. Kellahin, I'm going to ask you for
24 a few things: A rough draft of this particular
25 order. Also, I notice in the application there

1 is a coal gas well location in the west half of
2 17 belonging to Meridian. Could you also allude
3 to the order number that compulsory pooled the
4 same interest--

5 THE WITNESS: It was probably
6 grandfathered. It was an old--

7 MR. KELLAHIN: We'll check it out.

8 MR. STOVALL: Mr. Kellahin, in that
9 draft order, because its royalty or
10 noncost-bearing interests, and they've not
11 actually at this point been given the opportunity
12 to be pooled, make sure that the finding is
13 included. Address the fact that it really
14 doesn't change their interest if they were
15 pooled.

16 MR. KELLAHIN: Okay.

17 EXAMINER STOGNER: I'll leave that to
18 your convenience.

19 Is there anything further in Case No.
20 10632?

21 MR. KELLAHIN: No, sir.

22 EXAMINER STOGNER: If not, this case
23 will be taken under advisement at this time but
24 will not be acted on until I get a rough draft
25 from you, Mr. Kellahin.

1 Let's take a 15-minute recess at this
2 time, and when we come back we'll be ready to
3 hear the C. W. Trainer tight formation case.

4 (And the proceedings concluded.)
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15 This is to certify that the foregoing is
16 a true and correct report of the proceedings in
17 the above-captioned hearing of Case No. 10632,
heard by me on 5 December 1992.

18 Michael J. Jones, Examiner
19 Oil Conservation Division
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21
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23
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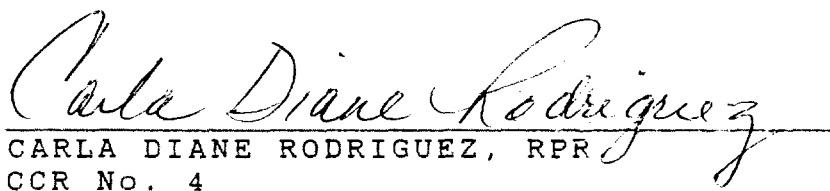
CERTIFICATE OF REPORTER

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

I, Carla Diane Rodriguez, 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 caused my notes to be transcribed
under my personal supervision; 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 December 23,
1992.


CARLA DIANE RODRIGUEZ, RPR
CCR No. 4