

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

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

Oil Conservation Division

APPLICATION OF CHEVRON U.S.A. FOR)
 SPECIAL POOL RULES, LEA COUNTY,)
 NEW MEXICO)

CASE NO. 13,174

ORIGINAL

REPORTER'S TRANSCRIPT OF PROCEEDINGS

EXAMINER HEARING

BEFORE: MICHAEL E. STOGNER, Hearing Examiner

October 23rd, 2003

Santa Fe, New Mexico

This matter came on for hearing before the New Mexico Oil Conservation Division, MICHAEL E. STOGNER, Hearing Examiner, on Thursday, October 23rd, 2003, 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.

* * *

I N D E X

October 23rd, 2003
 Examiner Hearing
 CASE NO. 13,174

	PAGE
APPEARANCES	3
APPLICANT'S WITNESS:	
<u>J. DAVID CRAWFORD</u> (Engineer)	
Direct Examination by Mr. Feldewert	4
Examination by Examiner Stogner	18
REPORTER'S CERTIFICATE	25

* * *

E X H I B I T S

Applicant's	Identified	Admitted
Exhibit 1	6	17-18
Exhibit 2	8-9	17-18
Exhibit 3	9	17-18
Exhibit 4	10	17-18
Exhibit 5	11	17-18
Exhibit 6	13	17-18

* * *

A P P E A R A N C E S

FOR THE DIVISION:

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By: MICHAEL H. FELDEWERT

* * *

1 WHEREUPON, the following proceedings were had at
2 8:26 a.m.:

3 EXAMINER STOGNER: At this time I'll call Case
4 Number 13,174. This is the Application of Chevron U.S.A.
5 for special pool rules, Lea County, New Mexico.

6 Call for appearances.

7 MR. FELDEWERT: May it please the Examiner, my
8 name is Michael Feldewert with the Santa Fe office of
9 Holland and Hart, appearing on behalf of the Applicant
10 Chevron U.S.A., Inc., and we have one witness today.

11 EXAMINER STOGNER: Any other appearances in this
12 matter?

13 At this time will the witness please stand to be
14 sworn?

15 (Thereupon, the witness was sworn.)

16 EXAMINER STOGNER: Mr. Feldewert?

17 MR. FELDEWERT: Thank you, Mr. Examiner.

18 J. DAVID CRAWFORD,

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. FELDEWERT:

23 Q. Mr. Crawford, would you please state your full
24 name and address for the record?

25 A. Yes, my name is James David Crawford. I reside

1 at 3508 Northfield Drive in Midland, Texas.

2 Q. And by whom are you employed and in what
3 capacity?

4 A. Chevron, and I am a petroleum engineer.

5 Q. Have you previously testified before this
6 Division as a petroleum engineer?

7 A. No, I haven't.

8 Q. Okay, then why don't you briefly go through your
9 educational background and your work history focusing on
10 the Permian Basin area of New Mexico?

11 A. Okay, I'm a 1977 graduate of Mississippi State
12 University with a BS in petroleum engineering. I've worked
13 with Chevron for approximately 26 years. Of those 26
14 years, approximately seven of those years have been in the
15 State of New Mexico. I worked initiating waterfloods in
16 Lea County from approximately 1987 to 1990, and most
17 recently I've been working Eddy and Lea Counties as a
18 petroleum engineer.

19 Q. Have you testified before the Texas Railroad
20 Commission?

21 A. Yes, I have, and am certified to testify before
22 the Railroad Commission.

23 Q. Okay. Are you familiar with the Application
24 that's been filed by Chevron U.S.A. in this case?

25 A. Yes, I am.

1 Q. And have you conducted a study of the area and
2 the pool that is the subject of this hearing?

3 A. Yes.

4 Q. And are you prepared to share the results of your
5 work with the Examiner?

6 A. Yes.

7 MR. FELDEWERT: Mr. Examiner, I would offer David
8 Crawford as an expert witness in petroleum engineering.

9 EXAMINER STOGNER: Mr. Crawford is so qualified,
10 and you can consider yourself also certified to testify
11 here in the State of New Mexico, however you will not
12 receive a certificate of any kind. Thank you.

13 THE WITNESS: Thank you.

14 Q. (By Mr. Feldewert) Would you briefly state what
15 Chevron seeks under this Application?

16 A. Chevron seeks adoption of special pool rules and
17 regulations for the North Strawn-Penn Pool and to increase
18 the pool's allowable GOR to 20,000 to 1.

19 Q. Is it for the North Lusk-Strawn Pool?

20 A. That's correct.

21 Q. Okay. Would you turn to Chevron Exhibit Number
22 1, identify that for the Examiner, and just orient us to
23 this exhibit, please?

24 A. Okay, on Exhibit Number 1 please reference the
25 magenta-colored line, if you will. That is the pool

1 boundaries. The green circles show the wells that are in
2 that pool. The yellow area -- This data was actually
3 pulled from a Chevron land database and the yellow really
4 has no significance, other than that's Chevron acreage.

5 Q. Now, it shows five wells within the pool area.
6 Are those wells that are completed in the North Lusk-Strawn
7 Pool?

8 A. That's correct.

9 Q. Are all of those wells producing today?

10 A. No, they are not.

11 Q. How many of these -- Can you identify for us the
12 producing wells?

13 A. There are three producing wells. In the south
14 half of Section 29 there's the Lusk 29 Federal Number 1,
15 which is the well of our topic today. In the north half of
16 Section 32, the Lusk 32 Number 1. And then in the lower
17 right-hand corner the Keel A Federal Number 3 is currently
18 producing.

19 Q. Now, the Spear Federal well down there, do you
20 know when that last produced?

21 A. No, sir, not right offhand, but I can check real
22 quick. I did bring that documentation. And I'm sorry,
23 sir, which well --

24 Q. I think you mentioned -- Can you identify the two
25 wells that are no longer producing?

1 A. Okay, the Spear Federal Number 1 and the Scott E
2 Federal.

3 Q. Okay, and when did those wells cease producing?

4 A. The Spear Federal Number 1 ceased producing on
5 June of 2001 and the Scott E Federal ceased production on
6 February, 2000.

7 Q. Now, is this pool comprised of both federal and
8 state acreage?

9 A. That's correct.

10 Q. And how many operators are in this pool?

11 A. Chevron is the only operator.

12 Q. Are there any Division-designated operators of
13 Strawn wells within one mile of the outer boundary of this
14 pool that have not been assigned to another pool?

15 A. No.

16 Q. Which pool are the other wells assigned to?

17 A. Those wells have been assigned to the Lusk-Strawn
18 Pool.

19 Q. Okay, so there are no operators, then, that are
20 affected by this Application?

21 A. That's correct.

22 Q. Has the State and the BLM been notified of
23 Chevron's Application?

24 A. Yes.

25 Q. And is Chevron Exhibit Number 2 an affidavit

1 that's prepared by our office, in which both the State of
2 New Mexico, the Commissioner of Public Lands and the U.S.
3 Bureau of Land Management was notified of this Application?

4 A. Yes.

5 Q. Okay. Would you identify for the Examiner why
6 Chevron seeks an adoption of special pool rules that would
7 increase the GOR to 20,000 to 1?

8 A. Under the statewide rules, the GOR is 2000 to 1,
9 and the problem with that is that that gas-oil ratio is too
10 low in order for this well to be able to produce oil.

11 Q. Have you been experiencing any operational
12 problems as a result of this limiting gas-oil ratio?

13 A. Yes, we have. Currently our lease operators have
14 to keep up with the daily production on the well in order
15 to determine the gas volumes that are produced in order to
16 shut the well in, to keep it within compliance, and the
17 well's therefore only producing about half the time, half
18 of a month.

19 Q. Now, did Chevron receive approval from the
20 Division's District Office to conduct a testing allowable
21 in preparation for this hearing?

22 A. Yes, we did.

23 Q. And has the approval letter from Mr. Chris
24 Williams been marked as Chevron Exhibit Number 3?

25 A. Yes.

1 Q. And what did Mr. Williams authorize Chevron to
2 do?

3 A. Mr. Williams authorized us to have a testing
4 period of 90 days, and we did show Mr. Williams the data
5 that we had, and he concurred that this was an example
6 where we could increase the allowable and thereby prevent
7 waste.

8 Q. Okay. Now, you mentioned a 90-day testing
9 period. Did you get an extension of that period as well?

10 A. Yes, we did. After the initial time period we
11 showed the current data to Mr. Williams, and he gave us a
12 verbal approval to continue producing the well for another
13 30 days, with the caveat that we get the well on the docket
14 for hearing.

15 Q. Okay, now let's go through the data that you
16 obtained. I want you to first turn to Chevron Exhibit
17 Number 4, identify that, and review that for the Examiner,
18 please.

19 A. Exhibit Number 4 is -- first of all, it's a very,
20 very busy graph, but I'll attempt to go through there and
21 explain things to you. It represents the production for
22 this particular well, the Lusk 29 Number 1, for the year
23 2003. First, the scale on the left is either barrels or
24 MCF, and the scale on the right being GOR, and that's
25 plotted against the date.

1 Also if you'll look, the jagged red line is gas
2 production, the dotted black line is GOR, the green line at
3 the bottom is our oil production, and the magenta line
4 represents our average daily gas production that our lease
5 operators use in order to shut the well in.

6 I'd also like to focus you a little bit down on
7 the oil production line, the green one. There are spaces
8 where there is no production. That is representative of
9 time that the wells have to be shut in after the allowable
10 has been made.

11 Also on this graph we will show -- and we have
12 another exhibit that will show this, but the dashed line,
13 if you'll notice, in the early days after the wells are cut
14 on, the GOR goes off the page, which means greater than
15 40,000 to 1. And also we're looking at it taking a couple
16 of days for us to be able to get our oil production from
17 the wells.

18 Q. Okay, now you mentioned some other exhibits. Why
19 don't we go ahead and leave this one out and lay out the
20 other two. You've got Chevron Exhibit Number 5. Do you
21 want to just identify that for the Examiner, please, and
22 review that with him briefly?

23 A. Yes, Exhibit Number 5 represents a portion of the
24 data in Exhibit Number 4. It's the time frame from April
25 7th of '03 through June 2nd, 2003. And the reason for this

1 particular exhibit is just to give you a little bit more
2 detail where it's easier to see.

3 The same color code applies: The red is gas, the
4 green is oil, the dotted black line is GOR, and the magenta
5 line is representative of the month-average gas.

6 If you'll notice on the left side of the graph,
7 this is also representative of our normal producing
8 characteristics for the well. If you'll notice on the left
9 side, when the well has been shut in and we open the well,
10 you get a sudden surge or increase in gas production.
11 There in the early part of April the average gas is roughly
12 1500 MCF a day. If you'll also look at the bottom of the
13 graph where the green oil production is, you'll notice that
14 the oil production is very low, on the order of 20 or so
15 barrels a day. It's hard to tell on this graph, but 20 or
16 so barrels a day.

17 It takes several days for the gas to basically
18 bleed off of the well to where we begin to get the oil
19 production, and again during this time period the GOR is
20 greater than 40,000. After these few days the oil
21 production appears to stabilize a little bit and the gas
22 production stabilizes a little bit.

23 At about the time the well begins to stabilize,
24 it's time to shut the well in again because we've exceeded
25 our gas allowable. So the well is shut in for a period of

1 time and we begin the process all over again. We open the
2 well initially, the reservoir pressure and tubing pressure
3 have equalized, and there's a lot of gas on the well and we
4 have to basically blow down that gas production. GOR again
5 is off the page, and we have to wait several days to get
6 our oil production.

7 Q. Okay. Now, this Exhibit Number 5 is, I think you
8 said, a subset of Exhibit Number 4. Is this taken out of
9 the middle of Exhibit Number 4, roughly?

10 A. Yes, it is.

11 Q. Okay. Now, do you have an exhibit that
12 highlights what would be the right side of Exhibit Number
13 4?

14 A. Yes, I do, that would be Exhibit Number 6.

15 Q. Okay --

16 A. And it's --

17 Q. -- turn to that and review that for the Examiner,
18 please.

19 A. Exhibit Number 6 is representative of the testing
20 period that we have from Mr. Williams. As it's shown
21 there, the same color code applies again: green, oil, the
22 red line is gas, the dotted black line is GOR, and it's
23 from a period of June the 9th through October the 6th,
24 approximately.

25 During this time we were already in a producing

1 phase, and we began a testing period. And in that testing
2 period what we did was to try to design a production test
3 whereby it would more readily kind of create what we were
4 doing in our producing cycle, as well as show what the well
5 would produce at various gas-production rates, as far as
6 the oil production is concerned.

7 So beginning on July the 15th, we opened the well
8 above our normal producing rate to about 2000 MCF a day.

9 Q. Is that represented by the blue line on this
10 Exhibit Number 6?

11 A. That's correct.

12 Q. Okay.

13 A. The first blue line. And because it was already
14 producing, the increased opening of the well, we got
15 increased oil production. The operators at this rate were
16 having a little difficulty controlling and getting the rate
17 to stabilize, so they cut the well back to about 1475 MCF a
18 day.

19 And at that time, if you'll look down there at
20 the green line, you'll notice that the oil production
21 dropped off significantly, from 100 to 200 barrels a day
22 down to roughly 25 to 40 barrels a day. And they got that
23 somewhat stabilized and then felt like that it was time to
24 drop the production down to 1000 MCF a day. And if you'll
25 notice the oil production at 1000 MCF a day, the oil was

1 only three to five barrels.

2 Then we cut the well back to 750 MCF a day, and
3 there's virtually no oil production. In fact, there was no
4 oil production recorded.

5 Then we shut the well in to represent the shut-in
6 periods on our normal producing cycle, and then we opened
7 the well up at 750 MCF a day, zero oil production. Then we
8 stepped the rate up to 1000 a day, and the oil production
9 went to two to four.

10 And then the final part of the testing period, we
11 opened the well all the way up. The GOR immediately shot
12 off the page, greater than 40,000. It took a couple of
13 days for us to recover and get our oil production. We
14 began to get somewhat of a stabilized oil production, the
15 gas volume stabilized approximately 1500 or so a day, and
16 the GOR began to stabilize but at the same time climb a
17 little bit, in the 15,000 to 20,000 GOR range.

18 Q. Would you -- Looking at these three exhibits now,
19 would you summarize for the Examiner your conclusions
20 following this testing period in your analysis of this
21 pool?

22 A. During our testing period at the 750-MCF-a-day
23 range, which is also roughly equivalent to a 2000-to-1 GOR
24 under statewide rules, we have zero oil production. We
25 need a higher GOR and a greater gas production in order to

1 get oil production and to prevent the waste of the gas
2 during the early days of just bringing a well on.

3 Q. Now, you mentioned the waste associated with the
4 early days of bringing the well on. Is that the spikes
5 that we see on these charts when you first bring the well
6 on line after having shut in for a period of time?

7 A. That's correct.

8 Q. You're producing gas, but you're not producing
9 oil?

10 A. That's correct.

11 Q. Okay. Now, is there any concern about -- If you
12 continue on this trend, is it your anticipation that you
13 will be able to produce the oil in the most efficient
14 fashion?

15 A. Yes, we do expect to be able to produce the oil
16 at a higher gas-production rate and higher GOR.

17 Q. If the GOR is not changed, is there concern that
18 there will be oil left in the ground?

19 A. Yes, we do.

20 Q. Okay. Based on your analysis, what is the most
21 efficient GOR level for this particular pool at this time?

22 A. Based on the erratic nature of the GOR, and
23 particularly the increasing GOR towards the -- If you'll
24 look at Exhibit 6 on the graph there, with the GOR being
25 15,000 to 20,000 we are requesting 20,000-to-1 GOR.

1 Q. Is it your opinion that the most efficient use of
2 reservoir energy will occur if you are allowed a GOR of
3 20,000 to 1?

4 A. Yes.

5 Q. You mentioned the fact that you visited with Mr.
6 Williams. Did you show him this data?

7 A. Yes, we did.

8 Q. Okay. And did he agree with your conclusions
9 that the GOR should be increased?

10 A. Yes, he did.

11 Q. In your opinion, can the GOR for this pool be
12 increased to 20,000 to 1 without damaging the reservoir?

13 A. Yes.

14 Q. And in your opinion, will increasing the GOR for
15 this pool to 20,000 to 1 be in the best interests of
16 conservation, the prevention of waste and the protection of
17 correlative rights?

18 A. Yes.

19 Q. Were Chevron Exhibits 1 through 6 prepared by you
20 or prepared under your direction and supervision?

21 A. Yes, they were.

22 MR. FELDEWERT: Mr. Examiner, at this time I
23 would move the admission into evidence of Chevron Exhibits
24 1 through 6.

25 EXAMINER STOGNER: Exhibits 1 through 6 will be

1 admitted into evidence at this time.

2 MR. FELDEWERT: And that concludes my examination
3 of this witness.

4 EXAMINATION

5 BY EXAMINER STOGNER:

6 Q. Mr. Crawford, let's see, I've got several
7 questions here, just for the record. I refer to Exhibit
8 Number 3, and you discuss in this correspondence Chevron
9 U.S.A., Inc.'s, Lusk Federal 29 Well Number 1. Is that, in
10 fact, the North Lusk 29 Federal 1? Are we talking about --

11 A. Yes, sir.

12 Q. -- the same well with all your exhibits?

13 A. Right.

14 Q. Okay. Take me back a little bit here, give me a
15 little bit of history on this pool. When was it formed,
16 how long have these wells been out there, what was the
17 discovery well?

18 A. As I recall, the Spear Federal Number 1 was the
19 discover well, and that was approximately 1997 when the
20 pool was named.

21 Q. So that was the first well. And Chevron was the
22 operator --

23 A. Yes, sir.

24 Q. -- that discovered it?

25 Are there any special pool rules out there, or is

1 that 40-acre spacing?

2 A. I think there's only 40-acre spacing. I'm not
3 aware of any special pool rules.

4 Q. Okay. Let's see, in your Application it was
5 referred that -- the present depth bracket allowable is 365
6 barrels a day would make it -- the production being between
7 11,000 and 12,000 feet; is that correct?

8 A. That's correct, yes, sir.

9 Q. Okay. In the scheme of things, which well or
10 what -- When was the North Lusk 29 Federal Well Number 1
11 drilled in respect to the other production, the other
12 producing wells in this pool?

13 A. The Lusk 29 Number 1 was drilled and completed in
14 October, 1999 --

15 Q. Okay.

16 A. -- and the Lusk State 32 Number 1 was in early
17 2000. February, 2000, is when it was completed.

18 Q. Okay.

19 A. So it's -- The Lusk 29 is the next-to-the-last
20 well completed in the pool.

21 Q. Next-to-the-last well. And then Keel A Federal
22 Number 3, that would have been a post-2000 well also?

23 A. Keel 2003 was December of 1997.

24 Q. 1997. And let's see, you show a Scott E Federal
25 Number 1. Do you have the dates of when that production --

1 A. The Scott E Federal produced from August, 1998,
2 through February, 2000.

3 Q. What can you tell me about the production on
4 these other wells? Did you see a high GOR or a presence of
5 high gas rates in these wells?

6 A. Yes, sir, initially the wells did come on
7 similarly to the 29 Number 1 at high GORs, in excess of
8 2000 to 1. The wells were not quite as prolific as the 29
9 Number 1, and therefore over a period of time as reservoir
10 energy declined, the GORs were a little bit lower. We were
11 able to produce those.

12 Q. Okay, you mentioned a reservoir energy. Kind of
13 give me a brief description of what kind of reservoir we
14 have out there, what's the drive mechanism?

15 A. The particular area that we're looking at, this
16 is what we refer to as a Strawn mound or a Strawn buildup.
17 It's fairly localized. This particular mound -- I don't
18 know the areal extent of it, because there are multiple
19 mounds out there. The pressure data that we have in the
20 files is a little bit limited, but as best I can tell or
21 estimate the reservoir pressure was somewhere in the area
22 of 1500 pounds initially.

23 Q. Okay, these algal mounds, or these little reef
24 mounds, just by looking at -- and I'm referring to Exhibit
25 Number 1. Just by where the producing wells are -- You say

1 there are multiple mounds. Am I looking at about three
2 mounds within this pool? You've got the North Lusk 29 and
3 that North Lusk 32 well kind of together. Are they
4 producing from the same mound, in your recollection?

5 A. Yes, sir, the 29 Number 1 and the 32 Number 1 are
6 producing from the same mound. I don't recall and can't
7 comment on whether the other three are in the same mound or
8 not.

9 Q. Okay. What kind of reservoir energy -- what is
10 the mechanism out there for flow in these wells, or drive?

11 A. As best I can determine, you know, based on only
12 two wells, it looks like it's a gas-depletion-type drive.

13 Q. Is there any water drive in these algal mounds?

14 A. No, sir, the water production is very minimal at
15 best. In the 29 Number 1 we see volumes of approximately
16 half a barrel to a barrel every few days. It's not much at
17 all.

18 Q. Now, generally speaking out here -- I'm just
19 talking algal-mound production in the Lea County area --
20 what's been your experience whenever you do produce them at
21 a higher GOR? Do you have a gas cap buildup, or what a
22 kind of production -- How does that affect the production
23 overall in the algal mound when you start drawing the gas
24 off at a higher than 2000-to-1 rate?

25 A. Based on the data that we've gotten out of the 29

1 Number 1, we're able to produce that oil and get the oil
2 out of the ground. The other wells, from the history that
3 I recall, were not as prolific as the 29 Number 1 and did
4 not have as much cumulative oil production as what we're
5 expecting to see out of the 29 Number 1.

6 Q. Now, do you have any experience with other algal
7 mounds in the Lea County area?

8 A. No, sir, this is the only Strawn algal mound that
9 I look after at the time.

10 Q. Do you know of any other Lusk pools -- I'm sorry,
11 Strawn pools, in Lea County that have a higher GOR than
12 2000 to 1 that has been given over the past?

13 A. No, sir, I don't.

14 Q. Let's see, also I had a quick question because
15 I'm a little confused here. Whenever I look at your
16 Exhibits 4 and 5, the magenta line --

17 A. Yes, sir.

18 Q. -- what are you showing me here?

19 A. That goes back to our difficulty with our
20 operations. That line is an average daily producing gas
21 rate so that our lease operators can tell when we've
22 produced the 735 or 750 range of gas and have to shut the
23 well in. So it's just a cumulative average, daily gas
24 amounts, that they know when to shut the wells in.

25 Q. Okay, that's over just that particular period

1 that it covers or --

2 A. Yes, sir.

3 Q. -- does it extend further than that?

4 A. It's over just that particular period.

5 Q. When these wells first come on are they flowing,
6 or do you put a pump out there on them?

7 A. All the wells here came in initially flowing.
8 And in fact the 29 Number 1 is still flowing, the 32 Number
9 1 is still flowing, and the Keel Number 3, I think, is
10 flowing.

11 Q. Referring to Exhibit Number 1 -- and I'm looking
12 over now to the southwest quarter of Section 28 -- you show
13 50 percent, a hundred percent. Is this Chevron's working
14 interest in those wells or in that lease?

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

16 Q. Who are your other interest owners? Have you
17 contacted them? Because I notice that you contacted the
18 royalty, being the U.S. government and the State of New
19 Mexico. But have you had any correspondence with your
20 other working interests?

21 A. No, sir, I have not.

22 EXAMINER STOGNER: Mr. Feldewert, do you have
23 anything further in this matter?

24 MR. FELDEWERT: No, Mr. Examiner.

25 EXAMINER STOGNER: Okay, Mr. Crawford, I have no

1 other questions unless there's any other questions? Do you
2 have anything?

3 MS. MacQUESTEN: (Shakes head)

4 EXAMINER STOGNER: You may be excused. Thank
5 you, sir.

6 THE WITNESS: Thank you.

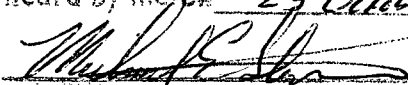
7 EXAMINER STOGNER: Anything else further?

8 MR. FELDEWERT: No, Mr. Examiner, thank you.

9 EXAMINER STOGNER: In that case, Case Number
10 13,174, Chevron U.S.A., Inc., for special pool rules, this
11 matter will be taken under advisement at this time.

12 (Thereupon, these proceedings were concluded at
13 8:53 a.m.)

14 * * *

15
16
17
18 I do hereby certify that the foregoing is
19 a complete record of the proceedings in
20 the Examiner hearing of Case No. 13174
21 heard by me on 23 October 2003
22 , Examiner
23 Oil Conservation Division
24
25

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 October 24th, 2003.



STEVEN T. BRENNER
CCR No. 7

My commission expires: October 16th, 2006