

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

APPLICATION OF CHEVRON U.S.A.) CASE NO. 10367
INC. FOR AN UNORTHODOX GAS WELL)
LOCATION AND SIMULTANEOUS)
DEDICATION, LEA COUNTY,)
NEW MEXICO)
- - - - -)

REPORTER'S TRANSCRIPT OF PROCEEDINGS

EXAMINER HEARING

BEFORE: JIM MORROW, Hearing Examiner
August 22, 1991
11:50 a.m.

This matter came for hearing before the Oil
Conservation Division on August 22, 1991, at 310 Old
Santa Fe Trail, Santa Fe, New Mexico, before Linda L.
Bumkens, Certified Court Reporter No. 3008, for the State
of New Mexico.

FOR: OCD (COPY)

BY: LINDA BUMKENS CCR
Certified Court Reporter
CCR No. 3008

I N D E X

August 22, 1991
Examiner Hearing
CASE NO. 10367

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A P P E A R A N C E S

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FOR TEXACO:

CAMPBELL, CARR, BERG &
SHERIDAN P.A.
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1 MR. MORROW: Call case 10367.

2 MR. STOVALL: This is the application of
3 Chevron U.S.A. Inc., for an unorthodox gas well
4 location and simultaneous dedication, Lea County,
5 New Mexico.

6 MR. MORROW: Call for appearances.

7 MR. KELLAHIN: If the Examiner please, I'm Tom
8 Kellahin with the Santa Fe law firm Kellahin,
9 Kellahin & Aubrey, appearing on behalf of the
10 applicant, and I have two witnesses to be sworn.

11 MR. CARR: If it please the Examiner, my name
12 is William F. Carr with the law firm Campbell, Carr,
13 Berg & Sheridan of Santa Fe. I represent Texaco in
14 opposition to the application, and I have two
15 witnesses.

16 MR. MORROW: Will all the witness please stand
17 and be sworn at this time?

18 (At which time the witnesses were sworn.)

19 MR. KELLAHIN: Mr. Examiner, to give you a
20 quick overview of what we seek to accomplish and
21 what our evidence will demonstrate to you, it might
22 be helpful if you'll turn to our proposed Exhibit
23 Number 1.

24 Chevron is the operator of that Eumont
25 spacing proration unit identified on Exhibit

1 Number 1 and shown as the outline in Section 19.
2 Simply stated, it's a spacing unit of 477 acres. The
3 southeast quarter is a standard 160. There are some
4 short lots on the northern boundary of the section
5 that make that less than 320. It's 317. That
6 nonstandard proration unit currently has dedicated
7 to it the Number 9 well in the southeast quarter.
8 In the northeast quarter is the Number 10 well. So
9 we have the two Eumont gas wells currently existing
10 in that spacing unit.

11 What we're seeking your approval for is the
12 drilling of the Number 11 well shown by the red
13 dots. That proposed location is 660 from the
14 northern boundary of that spacing unit. It was
15 filed for administrative approval and notices were
16 sent to all the offsetting operators, and Texaco
17 opposed the administrative application.

18 Texaco's spacing unit is the spacing unit
19 in the south half of 18 to the north. It's that
20 spacing unit that has 240 acres in it. It excludes
21 the west half of the southwest quarter. Their
22 well -- Eumont gas well is that Saunders Number 2
23 well. It's current -- shown on that display -- is
24 742 MCF a day. It's location is 760 from the common
25 line. Chevron's engineering witness, Mr. Dennis

1 Hendrix, will testify as to why his company desires
2 to drill at that 660 location.

3 In addition, I have a landman, Mr. James
4 Baca, who will testify that Chevron has a unique
5 problem with regards to the 477 unit because of the
6 multiple interest owners, particularly the royalty
7 owners. We are precluded from dividing the 477
8 acres. The conventional solution under the Eumont
9 pool rules for the well located at this 660 location
10 is simply to reduce the size of your spacing unit.
11 And had all the ownership been in common, we could
12 dedicate the north half, 317 to this well,
13 simultaneously dedicate it to the Number 10 well,
14 and that location then becomes standard under the
15 Eumont rules, and we would then be able to produce a
16 top unit allowable of 1200 MCF a day.

17 Mr. Baca will tell you that it disrupts the
18 equity if he's required to divide the spacing unit
19 so that you have a southeast quarter 160 and a north
20 half of 320. He will tell you the reason is that
21 the owners in the Number 9 well have historically
22 shared their production with different owners in the
23 north half, and if that is split apart, then the
24 north half owners with the new well will enjoy all
25 the production from the Number 10 well and don't

1 have to share it with the royalty owners in the
2 southeast quarter.

3 Chevron recognizes that equity solution to
4 be unfair and what they propose to do to satisfy
5 Texaco's objections and concerns is to ask you to
6 treat the north half of this nonstandard proration
7 unit as if it were, for allowable purposes, a
8 317-acre unit, and set a maximum allowable then for
9 the Number 10 and Number 11 well to be produced in
10 any combination up to a ceiling of 1200 today.

11 We believe that solution is the optimum
12 solution. It answers Texaco's concerns about the
13 well location, by reducing the allowable in that
14 fashion, and it puts that well at a standard
15 location, if you will, with a reduced allowable.
16 That will be Mr. Hendrix's testimony and that of
17 Mr. Baca's that we propose to submit to you,
18 Mr. Examiner.

19 MR. MORROW: All right.

20 MR. CARR: May it please the Examiner, just
21 briefly to explain the basis for Texaco's
22 objections. If you look at the tract on either
23 party's Exhibit Number 1, you can see that the
24 Texaco Saunders Number 1 is located and offsets the
25 Chevron unit directly to the north. We have a good

1 producing Eumont well. That well, as Mr. Kellahin
2 pointed out, is 760 feet from the south line.

3 What is being proposed by Chevron is that
4 well of that common boundary 660 feet away or 100
5 feet closer to the common line. The problem that
6 Texaco has with it, as you will see, there is --
7 there was a Eumont well due south of the now
8 proposed well in the northwest quarter of Section 19
9 that cumed over 9 BCF and the location that is
10 proposed, although standard to 320-acre unit, is 330
11 feet too close to the outer boundary of the tract
12 for a 400 -- or 477-acre unit, and when Texaco
13 reviewed this, they also have royalty owners to
14 watch out for.

15 They became concerned that with a new well
16 closer to the common boundary, it has twice the
17 acreage and therefore would have twice the allowable
18 of their well that they could be placed in a
19 situation where they could be drained and wouldn't
20 be able to offset that drainage with counter
21 drainage. We attempted to resolve this with
22 Chevron, and I think it's fair to say that nobody is
23 mad at anybody in this one, but the problem that we
24 face is we believe some penalty has to be imposed
25 and we will be here to explain to you why we are

1 concerned that just treating the north half of the
2 320-acre unit, at least from our perspective,
3 becomes very difficult to administer when you have
4 multiple wells, some of which are not on that
5 acreage, and when you get into over produced status
6 on a well, it's very hard for us to see how you can
7 effectively monitor, and so we will be here to
8 present brief testimony on that factor.

9 MR. MORROW: Number 3, is that the abandoned
10 well?

11 MR. CARR: Yes, sir.

12 MR. MORROW: Thank you.

13 EXAMINATION

14 BY MR. KELLAHIN:

15 Q. Mr. Hendrix, could you please state your
16 name and occupation?

17 A. Yes. My name is Dennis Hendrix and I'm
18 currently a reservoir engineer for Chevron U.S.A.

19 Q. Mr. Hendrix, where do you reside?

20 A. I reside in Midland, Texas.

21 Q. Would you summarize your educational
22 background for us?

23 A. Yes, sir. I graduated from Oklahoma State
24 University with a Bachelor of Science in petroleum
25 engineering in 1981. I spent three years as drilling

1 engineer with Chevron, approximately four years as
2 production engineer, and about a year and a half as
3 production foreman, and about 8 to 9 months as
4 reservoir engineer.

5 Q. Describe your current responsibilities for
6 your company as petroleum engineer insofar as this
7 particular property is concerned.

8 A. As petroleum engineer, reservoir engineer
9 over this area, my duties are to help in selection
10 of development wells in the Eumont area on our
11 existing proration units, aide geology in selecting
12 geological locations, and look for not only economic
13 wells but also for the protection of our correlative
14 rights within our proration unit.

15 Q. Pursuant to those duties, Mr. Hendrix, have
16 you made a study of the BV culp nonstandard
17 proration unit that's shown on Exhibit Number 1 as
18 an outlined red area with a red dot in it?

19 A. Yes, I have.

20 Q. Pursuant to your employment and your review
21 of this information, have you also made a study of
22 the offsetting production around you?

23 A. Yes, sir.

24 Q. And you have also studied the production
25 within this nonstandard proration unit?

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

2 Q. And based upon that study, were you able to
3 formulate any conclusions about the drilling of the
4 Number 11 well in its location?

5 A. Yes, sir.

6 Q. Mr. Examiner, we tender Mr. Hendrix as an
7 expert petroleum engineer.

8 MR. MORROW: We accept his qualifications.

9 Q. (By Mr. Kellahin) Mr. Hendrix, let's turn
10 now to the nonstandard proration unit. Within that
11 proration unit there is a number of pieces of
12 information. In sequence, take us through what has
13 been the Eumont production to which this 477-acre
14 nonstandard unit has been dedicated.

15 A. By going back to the installation of the
16 proration unit, we had the BV Culp A Number 3 as the
17 original unit well. Com unit was formed in 1959. It
18 communitized this area that was alluded to earlier,
19 477 acres. Subsequently, the Culp A Number 9 was
20 drilled in the southeast quarter in 1980, and
21 completed in the Queen and plugged back to the
22 Yates, and has been producing since 1980.

23 In mid 1990 we noticed possible inequities
24 on the north section of our proration unit, and that
25 led to the drilling of the Culp Unit A Number 10.

1 Q. What was the inequity that you discovered?

2 A. The inequity that we noticed was Texaco's
3 Saunders well located 760 from our north lease line
4 there, had produced over 7 BCF of gas.

5 Q. At what time had that Texaco well cumed
6 over 7 BCF of gas?

7 A. Around November 1990.

8 Q. Okay. Why did you characterize that as a
9 possible inequity to your spacing unit?

10 A. Well, the relative distance from our Culp A
11 Number 3, which was also a prolific producer, was
12 just an imbalance with the 760 location from our
13 line and our Culp 3 being located so far south being
14 1,980 from the the north line.

15 Q. In what way was that an imbalance?

16 A. Based on its relative distance in drainage
17 that we see in the Eumont, 7 BCF. It's hard to
18 argue. It wouldn't be draining at least part of the
19 acreage in the north part of Chevron's lease, and
20 the Number 10 was a way for us to try to protect
21 correlative rights to prevent any further drainage.

22 Q. The Number 10 well was drilled then as a
23 protection well from the Texaco well?

24 A. Yes, sir. There were two reasons for the
25 Number 10 well. One reason was the significant

1 margin within the 477-acre unit with the Number 3
2 well being shut in.

3 Q. Margin for what?

4 A. Margin for allowable.

5 Q. For the 477-acre nonstandard unit. What
6 kind of allowable are you dealing with in the
7 Eumont?

8 A. Approximately 1,800 MCF per day.

9 Q. That would be the maximum daily gas
10 allowable for prorated Eumont gas with a spacing
11 unit of 477?

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

13 Q. Okay. What's the well location for the
14 Number 10 well?

15 A. The Number 10 well is located 840 from the
16 north line and 990 from the east line.

17 Q. Would the 840 location be a standard
18 location between your property and the Texaco
19 property if you use a 477-acre spacing unit?

20 A. No, sir. The 477, we should be located
21 approximately 990 feet. The reason for the
22 nonstandard unit in that case was surface problems;
23 pipeline running through, and that was -- we do have
24 an order granting permission of that nonstandard
25 location.

1 Q. Did Texaco object to the 840-foot location
2 from the Number 10 well?

3 A. No, sir, they did not.

4 Q. Okay. You drilled, then completed the
5 Number 10 well?

6 A. Yes, that's correct.

7 Q. With what results?

8 A. We drilled the well and completed in
9 November 1990, and we didn't get it on line until
10 approximately April of 1991 with an IP of
11 approximately 468 BCF per day.

12 Q. What is the current status of the Number 9
13 well in the southeast quarter?

14 A. The Number 9 well, when the exhibit was
15 made up, has a current gas production as of May of
16 1991. Since then the Number 9 has -- the bridge
17 plug has been knocked out over the Queen, and it
18 makes approximately 190 MCF a day from the Yates
19 Queen 1.

20 MR. MORROW: What?

21 THE WITNESS: 190.

22 Q. (By Mr. Kellahin) And that production is
23 attributable to the Eumont gas pool?

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

25 Q. And the approximate range of production for

1 the Eumont gas in the Number 10 well is in the range
2 of 400 MCF a day?

3 A. Yes, sir. 400 to 450 we believe to be a
4 stable rate for that well.

5 Q. And the status then of the Number 3 well
6 over in the northwest quarter?

7 A. Yes. The Number 3 well which we alluded
8 to, which is our original unit well, has been shut
9 in as uneconomic. It's dual with the Grayburg, so
10 it's also going to be included in the proposed
11 Amerada Hess North Monument and we do have an AFE
12 out presently due to its uneconomic condition to
13 complete the Eumont in that well.

14 Q. Let's talk that the Number 11 well then.
15 It's proposed location is 660 from the the common
16 boundary with the Texaco unit?

17 A. Yes, sir.

18 Q. Why have you recommended that location
19 rather than a more standard location for a 477-acre
20 unit?

21 A. The 660 location was arrived at, as we
22 typically do in the Eumont, we try to look for
23 locations that are fairly equal distances between
24 existing wellbores to insure economic producers and
25 lower our risk, and this was no exception.

1 The 990 location, which would be standard,
2 would bring us dangerously close to the Culp A
3 Number 3, and as a result, Chevron did not expect a
4 economic producer out of that well if we drilled it
5 that close to the Number 3, and to efficiently drain
6 the remaining reserves on our com unit, and in
7 addition to protect our correlative rights on the
8 north, which we feel like we're playing catch up
9 there anyway, the 660 location we felt was fair and
10 equitable.

11 Q. If your -- one of the criteria is to locate
12 the Number 11 well approximately equal distances
13 between the Texaco Saunders 2 well and Chevron's
14 Number 3 well, you would, in fact, be closer to the
15 common boundary than you propose now; is that not
16 true?

17 A. No. Actually if we located on a legal 990,
18 we would be further away from the common lease line.

19 Q. All right. And if you're trying to split
20 the difference between the Number 2 well and the
21 Number 3 well, where would that place you within
22 your spacing unit in terms of your distance to the
23 north line?

24 A. Well, it's actually -- to get equal
25 distance we might look at distance relative distance

1 with the 660 location as proposed. The 660 we're 361
2 feet from our Number 3 well and we're still 1,731
3 feet from the Saunders well. So it would be equal
4 distance between those two wells. We would actually
5 be able to go -- want to go further north.

6 Q. In your opinion as a reservoir engineer,
7 are there Eumont gas reserves to be recovered within
8 your 477-acre proration unit that will not otherwise
9 be recovered if you don't drill the well -- the
10 Number 11 well at its proposed unorthodox location?

11 A. Yes, sir. We believe that there still are
12 recoverable reserves on the proration unit. One
13 supporting fact is the premature decline of the well
14 Number 3. That due to the dual with the Grayburg
15 and subsequent tubing leaks that caused the watering
16 out of the Eumont zone, we had a steeper than normal
17 decline and we feel like those reserves are still
18 left on the north part of the unit.

19 Q. Okay. If the Number 11 well is not drilled
20 at the location you proposed, what is going to
21 happen to that proration unit share of Eumont gas
22 reserves that underlies its tract?

23 A. I believe without the Number 11 drilled we
24 would either loose those reserves or there will
25 be -- and/or they will be at least partially drained

1 by the Texaco Saunders well at the current rate of
2 over 740 a day.

3 Q. Have you reviewed, Mr. Hendrix, the rules
4 and regulations for the Eumont gas pool in terms of
5 well locations and corresponding maximum proration
6 acreage factors for those wells?

7 A. Yes, sir, I have.

8 Q. Let me show you what is a portion of the
9 Eumont gas rules that has the well location
10 information in it. When we look at this portion of
11 the proration rules, and turn to the second page,
12 18, under Rule 2B 4, is this the rule that you are
13 familiar with, Mr. Hendrix?

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

15 Q. If Chevron was able to dedicate the north
16 half of Section 19 to the Number 10 and to the
17 proposed Number 11 well, approximately how many
18 acres would that nonstandard proration unit contain?

19 A. It would contain approximately 317 acres.

20 Q. If you did that or were able to do that,
21 with the Number 11 well located as you proposed, and
22 should Texaco object, would you be able to produce
23 and drill the Number 11 well at that location with a
24 317-acre dedication to it?

25 A. Yes, sir, we would.

1 Q. The Eumont gas rules provide for that
2 flexibility?

3 A. Yes, sir. At 317 acres, that would make our
4 660 location perfectly legal within our pool rules.

5 Q. If you were able to accomplish that, what
6 then would be the allowable that could be assigned?
7 The maximum allowable that would be assigned to the
8 317-acre nonstandard unit?

9 A. We have approximately 1,200 MCF a day with
10 the slight penalty due to the three acres short of
11 the 320 that we are in the north half.

12 Q. Under the proration rules that apply to the
13 Eumont gas pool, would you have -- how would you
14 produce the allowable with two wells within the
15 north half?

16 A. We would propose to produce the proration
17 unit as a 477-acre unit if granted the 320 allowable
18 to be shared between the 10 and 11, we would offer
19 to internally monitor the wells, provide Texaco
20 whatever production information they would need
21 through C1- 15 et cetera, and maintain our equity on
22 the north line with a standard allowable for a 320.

23 Q. Okay. Is Chevron willing to establish the
24 internal controls necessary to treat the 477-acre
25 nonstandard proration unit as if, in fact, it was a

1 317 north half proration unit for the Eumont and
2 correspondingly 160-acre proration unit for the
3 Number 9 well?

4 A. Yes, sir. We would be willing to monitor
5 it internally. In fact, the three wells that
6 currently are on on the Culp A 3 are all separately
7 metered and it would not be a difficult task to
8 provide separate gas rates monthly -- on a monthly
9 basis.

10 Q. What's the current status of the
11 nonstandard proration unit in terms of its
12 classification as marginal or non marginal?

13 A. Yes, it is classified as a marginal
14 proration unit.

15 Q. If we create this solution to fix a maximum
16 allowable for the spacing unit as if the north half
17 was treated as a 317 unit, would you propose that
18 all of the other proration unit rules apply as if it
19 were a 320-acre unit?

20 A. Yes, sir. If we were allowed to produce
21 the north half as a 317 we would definitely abide by
22 all the 320-acre rules and regulations in both the
23 Number 10 and 11 wells.

24 Q. In terms of calculating an OP limit for the
25 spacing unit, you'd use the 317?

1 A. Yes, sir, that's correct. We feel like that
2 limiting to a 320-acre allowable is bringing us down
3 to a standard location would be penalty enough, and
4 in all rules applying to a 320 would be applied at
5 that point.

6 Q. Looking at the Texaco nonstandard unit,
7 that's 250 acres; is it?

8 A. Yes, sir.

9 Q. Under that nonstandard proration unit, what
10 is its top allowable?

11 A. The 240 that the Texaco Saunders resides on
12 would have what we call a one-and-a-half allowable
13 for the Eumont, which is 900 MCF per day.

14 Q. If you're using 160 acres, that gives you
15 an acreage factor of one in the Eumont; doesn't it?

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

17 Q. And this would translate to a maximum
18 allowable of 600 MCF a day for 160 acres?

19 A. That's correct.

20 Q. So if you take one and a half times that
21 you get the 900 MCF a day?

22 A. Yes, sir.

23 Q. Okay. If we use the north half then as this
24 spacing unit for allowable purposes, the maximum
25 would be 1,200 a day?

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

2 Q. And if the Number 10 is producing 400 of
3 that, then that would give you the possibility of
4 producing the remaining 800 from the Number 11 well?

5 A. Yes, sir.

6 Q. Okay. Let's turn now, sir, to Exhibit
7 Number 2 and have you identify and describe that for
8 us.

9 A. Exhibit Number 2 is the cumulative gas
10 production map of the BDA com unit and surrounding
11 proration units. The Eumont completions are shown in
12 the astrix symbol common for a gas well, and those
13 are currently active completions, the shut-in Eumont
14 wells are shown with a circle with a vertical line
15 through it. The dark numbers in the corners
16 indicate, as of May 1991, cumulative gas production
17 in BCF -- that's from OCD records. The dark shaded
18 areas are Chevron proration units where the lighter
19 shaded areas are non Chevron proration units, and
20 the red dots indicates the proposed Number 11 well
21 at 660 from the north and 2,310 from the west line
22 of Section 19, 1,937.

23 Q. Do you have an opinion, Mr. Hendrix, as to
24 whether your recommended penalized allowable for the
25 Number 11 well is a fair and reasonable method by

1 which is to adjust equities between you and Texaco
2 for the drilling of the well at the 660 location?

3 A. Yes, sir, I believe it's fair and equitable
4 based upon the gas comes as noted on the map here.
5 You can see that the Saunders well has enjoyed a
6 more than probably equitable position at 7 BCF 760
7 from the line, while Chevron wells, the Number 10,
8 has just been completed and is only producing at 400
9 a day. We don't expect to at that current rate to
10 produce more than around a BCF of gas, and that
11 would leave the Number 11 as our second best choice
12 for a location to try to solve the -- what we think
13 is obvious in equity in the past, and to try to get
14 our fair share of reserves in the north part of the
15 unit.

16 MR. KELLAHIN: That completes my examination
17 of Mr. Hendrix. Mr. Examiner, we move the
18 introduction of his Exhibits 1 and 2.

19 MR. MORROW: Exhibits 1 and 2 are accepted.

20 (Chevron Exhibits 1 and 2 admitted.)

21 EXAMINATION

22 BY MR. CARR:

23 Q. Mr. Hendrix, if I understand your
24 testimony, your or Chevron's concern that resulted
25 within the proposed location was inequity which

1 existed between their proration unit in the south
2 half of 18 and your nonstandard unit, and I believe
3 this is Section 19; is that right?

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

5 Q. In fact, what you were concerned about was
6 that there was potentially production being drained
7 to the Texaco tract from yours; isn't that what
8 we're talking about here?

9 A. The actual proposal for the well, that was
10 only a part of the solution for a location of this
11 well. The original intent was replacement of the
12 Number 3 well to recover the remaining reserves that
13 we felt like the Number 3 and the Number 10 based on
14 the VIPs that we received from that well would not
15 have drained in that north part of the unit.

16 Q. Okay.

17 A. So actually we were saying we were either
18 going to loose those reserves, and\or they could be
19 partially drained, if not already, from the
20 Saunders.

21 Q. You have studied and are familiar with the
22 Eumont formation, are you not?

23 A. Yes, sir.

24 Q. You would anticipate that a well that is
25 performing like the Saunders Number 1 would, in

1 fact, if there isn't an additional well in the half
2 of 19, that that would well would drain some
3 reserves from the Chevron tract, would it not?

4 A. Yes, sir, I believe it would.

5 Q. And conversely a well at the proposed
6 Chevron location would be expected to drain some
7 reserves from 18; is that not right?

8 A. Well based on the relative cumes, which is
9 how you figure drainage, I would say that the Texaco
10 Saunders well has more than fair advantage on the
11 lease line even with the drilling of the Number 11.

12 Q. When we look at the relative cumes, we're
13 talking about a cume on the Saunders well of 7.2
14 BCF; right?

15 A. Yes, sir.

16 Q. And we already have a cume on your Number 3
17 well of 9.3 BCF?

18 A. That's correct.

19 Q. So what we have, in fact, don't we, Mr.
20 Hendrix, is a situation where the Number 3 well in
21 the north half of your section has drained a
22 substantial portion of that tract?

23 A. I believe it's drained a substantial
24 portion of Section 19 based un the performance of
25 the Saunders well. I don't believe that the

1 Number 3 has drained any part of the Texaco lease
2 yet just based on relative performances.

3 Q. If we are concerned about recouping the
4 remaining reserves in the north half of 19, wouldn't
5 a well with a standard setback of 990 from the north
6 line also produce those reserves?

7 A. No, sir, we don't believe that a location
8 at 990 would give us the VIP needed to produce from
9 any reserves at an economic rate.

10 Q. And that's because you've already drained
11 those; isn't that right?

12 A. It would be partially drained. As you
13 moved toward the Number 3 you've got higher and
14 higher risks of catching drain reserves.

15 Q. Isn't really the reason for this well just
16 trying to get away from a drained area?

17 A. That's one of the criteria, as I mentioned
18 before, to center our new wells between existing
19 Eumont wells that have already drained at least
20 partially.

21 Q. And isn't the other criteria trying to get
22 close to a well that is producing at a substantial
23 rate on an offsetting tract?

24 A. Typically the second, beside centering the
25 wells between existing Eumont completion, another

1 factor that we look for is current gas production
2 which is true whether it's offsetting or Chevron.

3 Q. And what you're doing here, are you not, is
4 locating a well 100 feet closer to the common lease
5 line between the two tracts and the offsetting
6 Texaco well?

7 A. Yes, we are locating it 100 feet closer.

8 Q. And you did consider the 990 foot setback
9 location and you rejected that?

10 A. Correct.

11 Q. Now, when we look at this, have you
12 reviewed the geology of the area?

13 A. I have not reviewed the geology in detail
14 simply because we don't feel geology has a -- we
15 haven't been able to use it as a strong factor to
16 test the Eumont typically driven by production and
17 so forth.

18 Q. Your location, to your knowledge, wasn't
19 the basis of a geological consideration?

20 A. No, sir, it certainly wasn't.

21 Q. Now, your proposal to resolve this is to
22 treat the north half as a 320-acre unit; is that
23 correct?

24 A. Yes, sir.

25 Q. And the well location you've proposed would

1 be standard on a 320-acre unit?

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

3 Q. In monitoring this, how would you account
4 for the over production or the six-time over
5 produced limit, how would that be accounted for?
6 Would it be on just a two-well basis?

7 A. Yes. The over production would be
8 accounted for as it would be on any other 320-acre
9 unit with a multiple well. 320 would be accounted
10 before between the Number 10 and the Number 11.

11 Q. And would the production from the Number 9
12 well in the southeast be factored into that in any
13 way?

14 A. The Number 9 well would be probably looked
15 upon in over production sense as a 160 and it would
16 be monitored in that form.

17 Q. Now, when we talk about monitoring it, would
18 that be something just done by Chevron?

19 A. The 480-proration unit, or 477, would be
20 monitored as a normal practice through the OCD. The
21 monitoring program that we mentioned would actually
22 be just through Chevron -- through Chevron and
23 Texaco in their agreement.

24 Q. So we would have OCD records that would say
25 one thing, and just separate records that would

1 account for production between the parties?

2 A. Yes, sir. The internal monitoring on the
3 320 added to the separate 160 would add back to the
4 480 that the OCD would show in proration.

5 Q. If it was ever determined to drill an
6 additional well in the southeast, would that just be
7 treated as a well on a 160-acre basis?

8 A. At this point we would probably be bound to
9 treat that as a 160.

10 Q. If we got into a situation where Texaco
11 felt you had passed the six-times overproduced
12 limit, what would we do at that time?

13 A. Well, we feel like that approaching the
14 solution as we have with the OCDs, to give Texaco
15 the recourse to come back and work through the OCD
16 to apply any penalties it deems necessary on Chevron
17 as it would any other production case.

18 Q. So what you're basically recommending then
19 is that the parties treat this one way and the Oil
20 Conservation Division treat it another, and if we
21 disagree then we have to come back?

22 A. No, sir. We feel like that we're treating
23 the proration unit in the same manner that the OCD
24 would as a 477. We're simply saying that the
25 production can indeed be entirely monitored for

1 Texaco's benefit to allow them the opportunity to
2 get individual status on these wells that won't show
3 up in the proration schedule.

4 Q. And you're aware, though, that the
5 allowable would be carried by the OCD as a -- a
6 477-acre unit?

7 A. Yes, sir.

8 Q. And that if we get to a point where we're
9 not using just the minimum allowable -- or what is
10 it -- 600 per MCF a day per one 160-acre unit, then
11 we would also have to factor in what the allowable
12 would actually be for that north half unit?

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

14 Q. And how would Texaco receive that
15 information from Chevron?

16 A. Well, we would hope that the OCD could
17 provide in their order the solution of a 320 acre
18 allowable to be monitored between Chevron and
19 Texaco, and then from there it would be just
20 internal control that we would provide Texaco any
21 production figures they needed to insure that the
22 overproduction and so forth was being handled by
23 Chevron.

24 Q. And when you file a monthly production
25 report with the OCD, would you also file a separate

1 and different one on the north half with Texaco?

2 A. The C1-15's are sent in on, as I mentioned
3 early, on a separately metered basis and then
4 combined and sent to the OCD, I believe, and so
5 whatever we send Texaco would probably be a standard
6 form such as the C1-15 or the gas purchasers form,
7 which is public record, and those numbers combined
8 would be what the OCD would get. So I believe we
9 would be talking about the same numbers.

10 Q. That's all I have.

11 MR. KELLAHIN: No further questions.

12 EXAMINATION

13 BY MR. MORROW:

14 Q. So you'd proposed to produce no more than
15 1,200 MCF a day from those to the north wells; is
16 that what you said?

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

18 Q. And would you -- it kind of sounds like you
19 were thinking about producing all of Number 10 could
20 make and then the rest of it from the Number 11; is
21 that sort of your intent, or is that your intent
22 with regard to the split between the two?

23 A. Yes. At this point in time, if the
24 Number 11 were allowed to be drilled, we would be
25 obligated to produce it at its maximum rate up to

1 the 1,200 MCF per day.

2 Q. Have you made an estimate for our AFE on
3 what payout calculation is as to what you think
4 Number 11 will produce on a daily basis?

5 A. Yes, sir, we did. We estimate the well,
6 just based on the Number 10 completion, to be
7 approximately the same volume of around four to 450
8 MCF per day, but we contend to do the Saunders well
9 in its performance that there's a possibility that
10 we could make the 800 a day that we'd have the
11 margin for.

12 Q. But if that's really right -- if your
13 calculations right -- then all these would be
14 marginal -- it would be a marginal gas proration
15 unit anyway; wouldn't it?

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

17 Q. Okay. That's all I have.

18 MR. STOVALL: You asked the question I was
19 going to ask.

20 MR. MORROW: All right. You may be excused.
21 Thank you.

22 MR. KELLAHIN: Mr. Examiner, at this time I'd
23 like to call Mr. James Baca. Mr. Baca is a landman
24 with Chevron.

25 EXAMINATION

1 BY MR. KELLAHIN:

2 Q. Mr. Baca, for the record, would you please
3 state your name and occupation?

4 A. My name is James Baca. I'm a land
5 representative with Chevron U.S.A., Inc.

6 Q. And where do you reside, sir?

7 A. In Midland, Texas.

8 Q. Could you summarize for us your educational
9 background and your employment experience that has
10 qualified you to be employed with Chevron as a
11 petroleum landman?

12 A. Yes. In 1976 I graduated from the
13 University of New Mexico with a Bachelor's
14 University Study degree. In 1976 I started my land
15 career with the State Land Office working various
16 departments here from '76 to 1980. In 1980 I was
17 hired by Del Corporation as a land representative
18 landman, and I've been a landman for 11 years now,
19 and most of that experience -- majority of it -- was
20 spent in the Permian Basin west Texas, and now I've
21 been exposed to the New Mexico aspect of it.

22 Q. Pursuant to your employment, have you
23 reviewed the ownership within Section 19?

24 A. Yes, I have.

25 Q. In addition, have you made yourself aware

1 of what you believe to be a current list of the
2 offsetting operators to this nonstandard proration
3 unit?

4 A. Yes.

5 Q. In addition, within Section 19, we have
6 discussed with Mr. Hendrix this nonstandard 477-acre
7 unit. Are you familiar with the land title ownership
8 component of that tract?

9 A. Yes, I am.

10 Q. We tender Mr. Baca as an expert petroleum
11 landman.

12 MR. MORROW: We'll accept his qualifications.

13 Q. (By Mr. Kellahin) Mr. Baca, let me take a
14 moment, sir, and have you first of all identify what
15 is marked as Exhibit Number 3?

16 A. Exhibit Number 3 here. We have a plat
17 depicting the subject 477-acre BD Culp NCTA com
18 unit.

19 Q. Is this an exhibit that you prepared
20 yourself based upon information available to you in
21 the ownership records of Chevron?

22 A. Yes.

23 Q. When we look at the area that makes up the
24 477 acre nonstandard unit, how many separate tracts
25 are contained within the nonstandard unit?

1 A. We have four separate tracts.

2 Q. And how have you designated those tracts on
3 your display?

4 A. Tract 1 encompassing lot 1 or the northwest
5 northwest. That tract was contributed to the unit
6 initially by Phillips now it's Elwood. It's a
7 successor to Phillips.

8 Q. Under the display that shows the section
9 you've identified in the left column, Tract 1?

10 A. Yes.

11 Q. And underneath Tract 1 you have some
12 information. What is the purpose of that?

13 A. The purpose of that is to depict who the
14 working interest owner is, the royalty owners, the
15 tract allocation of that particular tract, the way
16 it shares -- when I say that -- how that tract
17 shares in the total production from the the subject
18 477-acre proration unit, and that particular tract
19 is allocated 8.08 percent of total unit production
20 from said tract.

21 Q. When was the 477-acre nonstandard unit
22 first formed?

23 A. It was formed effective pursuant to DO
24 1487-91459 effective date.

25 Q. This was the tracts -- the four separately

1 owned tracts that were consolidated by some
2 agreement?

3 A. Yes.

4 Q. Do you have a copy of that agreement?

5 A. Yes.

6 Q. And how is that identified?

7 A. It's identified as our exhibit here, and
8 it's entitled "Gas Pooling Agreement, BC Culp NCTA,
9 Eumont Gas Unit Number 1."

10 Q. All right. And it's shown as Exhibit
11 Number 4 to this hearing?

12 A. Yes.

13 Q. Without reading it, what is its intent and
14 purpose?

15 A. Well, the intent and purpose of this legal
16 document here is to pool all royalty and leasehold
17 interest in that 477-acre tract. As to the Eumont
18 gas zone -- vertical limits to the Eumont gas
19 zone -- covering dry gas and associated hydrocarbons
20 there with.

21 Q. In terms of landman's nomenclature, is this
22 characterized as a communitization agreement?

23 A. Yes, it is.

24 Q. Was this communitization agreement put
25 together for the drilling of the first of these

1 Eumont gas wells within this spacing unit?

2 A. It was initially formed for the Number 3
3 well there -- the Number 3 well -- which was
4 completed in 1976 as a -- well, it was producing
5 before that under a 240-acre proration unit and so
6 it was to expand -- increase the allowable of the
7 area there. That's one of the reasons it was
8 formed.

9 Q. All right. When it was put together then
10 initially as a 477-acre unit, how many different
11 wells production has been shared based upon that
12 configuration?

13 A. Based on that configuration the 3, the 10,
14 and the 9, and they're located -- I can give you the
15 locations if you want.

16 Q. They're obviously on the display. Those
17 three wells then that Mr. Hendrix talked about have
18 all had their production shared among the royalty
19 and working interest owners based upon the 477-acre
20 communitization agreement?

21 A. This is true.

22 Q. Okay. As a landman, do you have an opinion
23 concerning whether or not it is fair and equitable
24 to now substitute or terminate this existing
25 proration unit agreement so that you could dedicate

1 317 acres in the north half to the Number 10 and 11
2 well and correspondingly create another document to
3 dedicate the 9 well production to the southeast
4 quarter? Do you have an opinion about that?

5 A. My opinion of this scenario, that which
6 you've just mentioned, is that if we try to
7 subdivide the north half and southeast quarter
8 thereby forming separate proration units, the north
9 half being the 320 and the southeast quarter being
10 the 160, I, from a practical landman's standpoint, I
11 can't see that being done because -- the main reason
12 being that from the inception of this 477-acre
13 proration unit, the royalty owners in the southeast
14 quarter and the north half have been sharing from
15 the total production of that unit, and to
16 separate -- to make them two separate entities is
17 just -- that's just not practical, and not fair and
18 equitable, and I think it's violating the
19 correlative rights of the interest owners in that
20 proration unit, and to further complicate this
21 matter, the north half, we have approximately 200
22 royalty owners it's a fee tract, and I don't think
23 they would tolerate something like this to tell
24 them -- go and tell them that we're going to
25 terminate this column and take the matter -- their

1 production -- out of the southeast quarter and vice
2 versa to tell the royalty owners in the southeast
3 quarter of the state of -- being the State of New
4 Mexico, that they can no longer share in production
5 from the Number 10 and any subsequent Eumont gas
6 wells that may be drilled later in the north half.

7 Q. Let me direct your attention, Mr. Baca, to
8 what is marked as Exhibit 3A. Do you have that
9 before you?

10 A. Yes, sir. I do. I believe I do. It is
11 the royalty owner? Yes.

12 Q. What is this?

13 A. It's our division order pay system here and
14 it lists -- tabulates all of the royalty owners
15 encompassing tract two of the subject we're talking
16 about, and I think I've got through and counted
17 these things really quick and there's approximately
18 138 royalty owners -- separate royalty owners -- in
19 that encompassing Tract 2 as you can see, of which
20 Texaco is a royalty owner there.

21 Q. If the Examiner rejects Chevron's solution
22 and requires then that in order to drill the
23 Number 11 well you must reform the nonstandard unit
24 and have a 317-acre north half?

25 A. Yes, sir.

1 Q. Can you accomplish that, in your opinion,
2 with a voluntary communitization agreement of
3 tracts 1 and 2?

4 A. No.

5 Q. Why not?

6 A. Because of the adverse royalty ownership
7 first of all, and back in 1956, around that time
8 there, when -- there was a time when -- then Gulf
9 and Phillips and Shell were working interest owners,
10 and we tried at that time to get all of the royalty
11 owners to ratify the subject -- the caum
12 agreement -- and we were unsuccessful. It's just --

13 Q. And therefore what did you have to do?

14 A. Well, we had to go before the OCD and have
15 them force pool under said R-1487 division order.

16 Q. Do you have an opinion as to whether or not
17 you would be looking at another force pooling
18 proceeding if you're required then to divide the
19 current nonstandard proration unit?

20 A. It's very very likely that would be the
21 likely scenario.

22 Q. Is this current communitization agreement
23 Exhibit 4 constructed in such a way that you could,
24 in fact, have two nonstandard proration units, one
25 being in the north half and the other being the

1 southeast quarter, and having them both controlled
2 by this existing document? Does it permit that?

3 A. No, it does not. There's no provision in
4 the document that addresses that issue at all.

5 Q. In your opinion, if the division requires
6 that you divide your current unit as we've
7 discussed, what is the impact on this document,
8 Exhibit Number 4?

9 A. I would say -- well, if we're going to do
10 that exhibit -- the existing caum agreement would be
11 just null and void. You would have to make two
12 separate communitization agreements. One for the
13 north half and one for the southeast quarter.

14 Q. And even if you accomplish all of that, in
15 your opinion, is there still an inequity among the
16 royalty owners in the allocation of future
17 production then from the Number 11 well?

18 A. Yes.

19 Q. That concludes my examination of Mr. Baca,
20 Mr. Examiner. We tender his Exhibits 3, 3A and 4.

21 MR. MORROW: Exhibits 3, 3A, and 4 are
22 admitted into the record.

23 EXAMINATION

24 BY MR. CARR:

25 Q. Mr. Baca, if I understood one of your

1 responses to one of Mr. Kellahin's questions, I
2 believe the question was something to the fact if
3 the OCD denied this application and required you to
4 reform the unit, could that be done? Has the OCD to
5 your knowledge, ever required parties to reform a
6 unit?

7 A. Not -- well, not under these
8 circumstances. Not to my knowledge.

9 Q. That's all I have.

10 EXAMINATION

11 MR. MORROW:

12 Q. What year did you say the forced pooling
13 happened?

14 A. It occurred effective 9-14-59.

15 Q. And was that before the first Eumont well
16 was drilled?

17 A. No. That was subsequent to the -- there
18 was already an existing Eumont well on there that
19 was owned 100 percent by Gulf now Chevron, and it
20 was -- it was formed by administrative rule NSP 256,
21 and we were producing under that.

22 Q. And how much acreage did you have assigned
23 to that proration unit at the time?

24 A. It was approximately 280 acres, I believe.
25 Our files do not reflect -- they just make reference

1 to that administrative order.

2 Q. Okay. So it was -- you didn't need -- you
3 didn't need pooling at that time. You owned all of
4 it -- had control of all of the 280 acres; is that
5 correct?

6 A. Yes, sir. We just got permission for the
7 nonstandard, I believe, dedicated.

8 Q. Okay. The north half is fee you said, and
9 the south half is state acreage?

10 A. Yes.

11 Q. If for administrative purposes the OCD
12 should decide to -- just for proration purposes --
13 decide we could in some way handle those within the
14 existing com as two separate tracts, would that do
15 damage to your agreement?

16 A. No, it wouldn't, it would stay intact.

17 Q. We could just say this southeast quarter
18 has an acreage factor of one, and the north half has
19 an acreage factor of two and set them up separately.
20 You wouldn't have any problem with that as far as
21 the land, would you?

22 A. No. Everybody would share.

23 Q. I don't know if we could do that or not. I
24 would need to know what that would be to your --

25 A. It wouldn't have any legal implications to

1 my knowledge effecting the gas caum agreement

2 EXAMINATION

3 BY MR. STOVALL:

4 Q. Just a couple real quick questions.

5 Essentially what Mr. Morrow would be saying, you
6 would treat it like a unitized-type agreement in the
7 agreement; is that correct?

8 A. Yes.

9 Q. Am I correct? When I look at the
10 production map if, in fact, I don't think the
11 division would necessarily say go split it into two
12 units -- if you were denied the application and
13 Chevron chose that course of action, it appears to
14 me that the better production is in the north half;
15 is it not? Am I reading the engineer's maps
16 correctly?

17 A. Yes, I guess it is.

18 Q. And the southeast quarter is the state
19 lease; correct?

20 A. Yes.

21 Q. So the state lease would share any -- would
22 have the entirety of a much lower volume of
23 production rather than a share of a higher volume of
24 production?

25 A. If, in fact, if we were to break up these

1 two or this 477-acre tract, the State of New Mexico
2 in the southeast quarter would only share in
3 production from the Number 9 well -- any subsequent
4 Eumont gas well that would be drilled in that
5 tract. Am I answering your question correctly?

6 Q. And based upon current production trends
7 and predictions, that would be definitely less than
8 within one-third of the overall production for the
9 current 477 acres; isn't it?

10 A. Okay, if we formed right now --

11 Q. In other words, the State would get hurt if
12 this thing was broken in --

13 A. Oh, yes.

14 Q. So the commissioner of public lands
15 probably wouldn't get real excited about that kind
16 of thing?

17 A. I don't think so. Right now the State Land
18 Office gets like 33 percent of the production
19 allocated to the southeast quarter. They get like 33
20 percent of what the total production is.

21 Q. The southeast quarter doesn't produce 33
22 percent of the production. The southeast quarter
23 produces substantially less than 33 percent of the
24 total production?

25 A. Exactly.

1 MR. STOVALL: No further questions.

2 MR. MORROW: Do you have anything more?

3 MR. KELLAHIN: No, sir. Mr. Examiner, for your
4 reference, I'll give you a copy of order number
5 R-1487. It's the compulsory pooling order that
6 consolidated the balance of the interest owners in
7 the 477 acre current unit that we have before us.

8 MR. MORROW: Thank you.

9 MR. KELLAHIN: In addition, Exhibit Number 5,
10 Mr. Examiner, is Mr. Bohlings certificate of mailing
11 of notification to the offsets after this was
12 objected to from the administrative processing. It
13 was then put on the OCD docket, and Mr. Bohling took
14 the initiative on behalf of Chevron to notify the
15 offsets, and this is his certificate that he did
16 that.

17 MR. MORROW: Okay. Anything more?

18 MR. KELLAHIN: That concludes our
19 presentation, Mr. Examiner.

20 MR. MORROW: Mr. Baca, you can be excused.
21 Thank you, sir. I believe we should take a
22 15-minute recess at this time.

23 (15-minute recess taken at this time.)

24 MR. CARR: At this time we call Russel Pool

25 EXAMINATION

1 BY MR. CARR:

2 Q. Will you state your name for the record,
3 please?

4 A. Russel S. Pool.

5 Q. Where do you reside?

6 A. Hobbs, New Mexico.

7 Q. Mr. Pool, by whom are you employed and in
8 what capacity?

9 A. Texaco as a senior production engineer.

10 Q. Have you previously testified before this
11 division and had your credentials as an engineer
12 accepted and made a matter of record?

13 A. Yes, I have been.

14 Q. Are you familiar with the application filed
15 in this case by Chevron?

16 A. Yes, I am.

17 Q. Have you made a study of the area?

18 A. Yes.

19 MR. CARR: Are the witness's qualifications
20 acceptable?

21 MR. MORROW: Yes.

22 Q. (By Mr. Carr) Mr. Pool, what is the purpose
23 of Texaco's appearing and presenting testimony in
24 this case?

25 A. We are objecting to Chevron's application

1 to drill their BD Culp well Number 11 at an
2 unorthodox location.

3 Q. Have you prepared exhibits for presentation
4 here today?

5 A. Yes, I have.

6 Q. Lets go to what has been marked as Texaco
7 Exhibit Number 1. Would you identify that and
8 review it for Mr. Morrow?

9 A. Yes, I would. This is simply a plat
10 showing the Eumont completions surrounding the
11 proposed Chevron well. I think that particular
12 notice is the fact which has already been discussed
13 is the Chevron's Number 11 at 660 feet from our
14 common boundary and Texaco's Saunders State Com
15 Number 1 is 760 feet from the lease line.

16 I think it's also a particular notice
17 Chevron's well Number 3 which is now shut in, which
18 has produced over 9 BCF. The red numbers indicate
19 the daily production and MCF per day as of June of
20 '91. The green shows the cumulative production as
21 of February of '91.

22 Q. Now, the proposed location is surrounded in
23 three directions by wells that have been commercial
24 in the Eumont?

25 A. Very commercial, yes, sir.

1 Q. The Saunders K Number 1, the Texaco well in
2 the south half of 18, is that also on a state tract?

3 A. Yes, it does contain state acreage.

4 Q. Let's move to your Exhibit Number 2. Could
5 you identify and review this for Mr. Morrow?

6 A. Shown on Exhibit 2 are two circles
7 surrounding Chevron's proposed location. The inner
8 circle drawn to scale is 320 acres. The outer
9 circle is 480 acres. In order for Chevron's
10 proposed location to be legal, the most that it can
11 dedicate to it is 320 acres. If it depletes 320
12 acres, it would affect 81 acres, as indicated by the
13 hashed blue lines underlying Texaco's Saunders State
14 Com.

15 If 480 acres is dedicated to Chevron's
16 proposed well, and subsequently it receives a high
17 allowable, and it is allowed to deplete 480 acres,
18 then it would affect an additional 55 acres shown at
19 red which underlies our lease. This will result in
20 Chevron's proposed well affecting 55 percent more of
21 Texaco's acreage.

22 Q. Now, Mr. Pool, how many additional acreages
23 would be drained if the well, in fact, drained 480
24 on your tract?

25 A. That would be 44 more acres.

1 Q. And that would result in 55 percent
2 additional drainage area on your tract?

3 A. Yes, sir.

4 Q. Are there wells in the Eumont which, in
5 fact, can drain a 480-acre tract?

6 A. Yes, sir.

7 Q. What is the Texaco allowable for the
8 Saunders State Com Number 1 well?

9 A. The minimum allowable is 900 MCF per day.

10 Q. It has an acreage factor of what?

11 A. 1.5.

12 Q. All right. And the offsetting proposed
13 Chevron well would have what allowable?

14 A. Number 11 could have an allowable of 1,800
15 MCF a day. I should say that's the minimal. It
16 could be more than that.

17 Q. And what penalty would you recommend be
18 imposed on this well if, in fact, a 477 tract
19 remains dedicated to it?

20 A. I would suggest that they be penalized 55
21 percent and that that penalty be applied to the
22 acreage factor, and therefore that acreage factor
23 would be 1.35.

24 Q. And why are you recommending this
25 particular approach for a penalty?

1 A. I think it's the only way that it can be
2 monitored by the New Mexico Oil Conservation
3 Division.

4 Q. You've heard Chevron's recommendation here
5 today, have you not?

6 A. Yes, sir.

7 Q. Do you believe that it is appropriate to
8 report the production for this unit in two ways, one
9 way to the commission and another way to you,
10 Texaco?

11 A. Yeah, we are very much against that. We do
12 not want to be burdened with having to monitor
13 Chevron's production. We think it presents a bad
14 precedence.

15 Q. If, in fact, this became a way to handle
16 locations in this area, what affect it would it have
17 on your ability as a company to monitor and protect
18 your interest?

19 A. Well, of course we would have to monitor --
20 if we made a mistake we could be subject to legal
21 liabilities, and they're simply -- we don't want to
22 be burdened with that task.

23 Q. And if the proposal that Chevron has
24 adopted, what recourse do you understand would be
25 available to you if, in fact, there was a problem?

1 A. I believe we have no recourse.

2 Q. You have to come back to the commission?

3 A. Probably.

4 Q. And do, in essence, what we're doing here
5 today?

6 A. Yes, sir.

7 Q. What impact would approval of this location
8 without a meaningful penalty, or some other method
9 of regulating the production from that acreage, have
10 on the correlative rights of Texaco?

11 A. We do not believe we would be able to
12 affectively protect our correlative rights.

13 Q. If within the prorationing system the
14 division was able to, from a State point of view,
15 report and monitor the north half separate and
16 independent from the remaining acreage in that
17 spacing unit that is treated in the state
18 regulations as a 320-acre unit, would Texaco have an
19 objection to that?

20 A. No, we would not.

21 Q. Okay. If there isn't -- you believe that if
22 that cannot be done the penalty that you have
23 recommended is necessary to protect the correlative
24 rights of Texaco?

25 A. Yes, I do.

1 Q. Were Exhibits 1 and 2 prepared by you?

2 A. Yes, sir.

3 MR. CARR: We move the admission of Texaco
4 Exhibit 1 and 2.

5 MR. MORROW: 1 and 2 are admitted.

6 (Texaco Exhibits 1 and 2 admitted into
7 evidence.)

8 MR. CARR: That concludes my direct.

9 EXAMINATION

10 BY MR. KELLAHIN:

11 Q. Mr. Pool, have you prepared a drainage
12 circle for the Saunders Number 2 well to see what
13 that drainage circle looks like?

14 A. No, I did not. The Number 2 is at a legal
15 location.

16 Q. I understand, but to see where that 7.2 BCF
17 of gas was drained from? I was curious to know if
18 you, in fact, had prepared such a drainage display
19 to see what that well was doing?

20 A. No, I did not.

21 Q. The assumptions that go into Exhibit
22 Number 2, this circled drainage conclusion, assumes
23 that there are no other wells within the area
24 competing for gas from the the reservoir; isn't that
25 true?

1 A. Sure.

2 Q. And that, in fact, is not what is
3 occurring; is it?

4 A. It could happen.

5 Q. Well, we know that the Saunders Number 2
6 well is going to be in competition for the Eumont
7 gas not only with Chevron's Number 10, but with the
8 Number 11 if it's drilled; is that not true?

9 A. Yes, but, of course, if Number 11 was
10 drilled and could produce the full allowable,
11 Chevron could simply shut in the other two wells and
12 produce that full allowable from there, or Chevron
13 could lease both the other wells and produce a full
14 allowable from the Number 11, and then, therefore,
15 this drainage radius would probably hold true.

16 Q. All right. Let's make those assumptions
17 then and assume that only the Number 11 Chevron wll
18 and the Saunders Texaco Number 2 well are in direct
19 competition with each other; right? If we drew a
20 drainage map with those two wells competing with
21 each other, would we not see a no-flow boundary
22 between those two wells approximately equal
23 distances between those two wells?

24 A. Of course there would been some
25 interference between the two, but I suppose you

1 could do that.

2 Q. Sure. You're going to have to change the
3 shape from circles to some kind of ellipses; aren't
4 you?

5 A. Uh-huh.

6 Q. You're going to have an area that is shown
7 on Exhibit Number 2 which is being protected by the
8 Saunders Number 2 well?

9 A. Uh-huh.

10 Q. And we know that, in fact, is going to
11 exist in the reservoir; don't we?

12 A. Uh-huh.

13 Q. The other assumptions made in this circle
14 map is that you're assuming a homogeneous reservoir
15 of the same thickness within the area of the circle;
16 is that not right?

17 A. Uh-huh.

18 Q. Have you attempted to taylor a specific
19 drainage map that meets the geology that Texaco has
20 mapped for this particular area of the Eumont?

21 A. I'm not sure if I understand. We have a
22 geology presentation which will come up next.

23 Q. Okay. Has Mr. Sadler prepared a net pay
24 isopach for you?

25 A. No, he hasn't, but he will explain why he

1 hasn't.

2 Q. So you have not taken a net pay isopach and
3 attempted to quantify the Eumont gas reserves that
4 are underlying either the Texaco tract or the
5 Chevron tract?

6 A. No, I haven't, and, again, we will explain
7 why we have not done so.

8 Q. In addition, you have not attempted to
9 adjust these drainage circles from the hypothetical
10 to the real world situation where we have the
11 Saunders Number 2 well competing with the Number 11
12 well?

13 A. No, I haven't.

14 Q. Okay. You suggested a 55 percent penalty be
15 imposed against the Number 11 well?

16 A. Yes.

17 Q. Describe for me the mechanics of how that's
18 to be put in place in the proration system.

19 A. It would just be in -- the proration
20 schedule would simply have an acreage factor of 1.35
21 for that multiple well unit.

22 Q. Okay. And correspondingly if --
23 correspondingly if Mr. Hendrix's proposal is
24 accepted by the Examiner, what we put in there
25 instead of a acreage factor you've suggested, we

1 could put an acreage factor of two?

2 A. If that's what the OCD so desires, yes.

3 Q. So, regardless of which penalty the
4 Examiner accepts, each one is predicated on an
5 adjustment of the acreage factor?

6 A. Uh-huh.

7 Q. For the Number 11 well or the 10 and the 11
8 well?

9 A. Yes, of course. Ours can be monitored, and
10 I'm not sure that your proposal can be monitored by
11 the OCD.

12 Q. All right. If the acreage factor you're
13 suggesting is 1.35 -- we put a 1.35 acreage factor
14 on the Number 11 well?

15 A. Well, it's only multiple well units on the
16 477 acres.

17 Q. Oh, I'm sorry, I misunderstood. Okay.
18 We're going to take the 477 and the whole 477, that
19 whole proration spacing unit then --

20 A. Sure.

21 Q. -- only has an acreage factor of 1.35?

22 A. Yes.

23 Q. What's the total allowable then for that
24 spacing unit?

25 A. I haven't finished -- 1.35 times 600 would

1 be the minimum amount. It could be higher than
2 that.

3 MR. MORROW: I got 800.

4 A. Yeah. That's the minimum.

5 Q. (By Mr. Kellahin) Give or take?

6 A. Well, it could go higher. That is not the
7 maximum, that's the minimum.

8 Q. Okay. We currently have two marginal wells
9 on that proration unit?

10 A. At this time we do.

11 Q. Okay. And off the 810 then we need to
12 subtract the -- 430 is it? Approximately 400 that
13 the Number 10 is making.

14 A. If it continues producing at that rate.

15 Q. Okay. Mr. Hendrix said his Number 9 is in
16 the 190 range. We got 220 MCF a day available left
17 for the Number 11 well?

18 A. That's if the other two wells continue
19 producing. I do not know if that will happen.

20 Q. Do you have any examples within the Eumont
21 gas pool whereby the penalty that you have proposed
22 has been adopted and utilized in this pool?

23 A. No, sir. I'm not -- no, I don't know. In
24 the multiple well unit I do not.

25 Q. Okay. No further questions, thank you.

FURTHER EXAMINATION

1
2 BY MR. CARR:

3 Q. Mr. Pool, if you are doing what
4 Mr. Kellahin said in trying to map a real world
5 situation, you would take into account the drainage
6 from your Saunders Number 1 well, would you not?

7 A. Yes.

8 Q. You would also take into account the 9.3
9 BCF produced from the Chevron Number 3 well, would
10 you not?

11 A. Certainly.

12 Q. And in constructing your drainage circle
13 then, you would have to factor both of those in;
14 isn't that right?

15 A. Certainly.

16 Q. Now, your recommendation would result in an
17 allowable of approximately -- minimal allowable of
18 approximately 80 MCF per day for the Chevron unit in
19 Section 19; isn't that right?

20 A. Yes.

21 Q. And that would allow 800 a day to be
22 produced if they desired to, from two wells that
23 offsets your Saunders Number 1; isn't that right?

24 A. They could produce that in any proportion
25 they desire.

1 Q. So they would have 800 to produce
2 offsetting your well which produces 700?

3 A. That would certainly be available to help.

4 MR. CARR: That's all I have.

5 EXAMINATION

6 BY MR. MORROW: I want to be sure I heard you right
7 on saying that if the division could come up with a
8 way to handle that north 320 as a GPU and a
9 southeast 160. That that would be satisfactory with
10 Texaco?

11 A. Yes, sir, it would.

12 Q. And -- well, actually, the allowable for
13 that north 320 would be 900 under those
14 circumstances, and that would be a little higher
15 than what you're recommending it would be?

16 A. It would be 1,200.

17 Q. Yeah, 1,200.

18 A. Yes.

19 Q. So that would be higher than 800?

20 A. Yes, sir. Our concern is that we can't
21 monitor it at its proposed -- of course, that would
22 be a legal location also if that happens, so, of
23 course, we couldn't object to it.

24 Q. That would be satisfactory with you?

25 A. Yes, sir.

1 Q. I just wanted to be sure that you realized
2 that it result in higher --

3 A. Yes, sir, I do.

4 MR. MORROW: That's all the questions I have.

5 EXAMINATION

6 BY MR. STOVALL:

7 Q. I am real curious about that. Let me start
8 out here with your -- whatever number -- what is
9 it? Number 1.

10 MR. CARR: We started with one.

11 MR. STOVALL: That is so unusual for you,
12 Mr. Carr.

13 Q. (By Mr. Stovall) First thing I did -- I
14 just did a little arithmetic here, and it appears to
15 me if I take those numbers in green of cumulative
16 production for the wells?

17 A. Yes. Keep in mind that --

18 Q. I just asked you if the numbers agree with
19 the cumulative production for the wells?

20 A. Yes, sir.

21 Q. Now, if I look at Chevron's BD Culp unit,
22 and I add those numbers together -- and I did it by
23 hand -- I didn't have a calculator. I did it by my
24 head -- 9,991 cumulative production for that 400
25 and -- say 480-acre proration unit -- 477 acres?

1 A. That looks about right.

2 Q. And 7,163 for the 240-acre Texaco unit?

3 A. Yes, sir.

4 Q. What is your opinion with respect to the
5 protection or impairment of Texaco's correlative
6 rights under current conditions? It looks like
7 Texaco's gotten their fair share of the oil under
8 the combined area; doesn't it?

9 A. Yes, sir. Of course we've produced a lot
10 of our gas legally.

11 Q. Are you suggesting that Chevron didn't?

12 A. No, sir.

13 Q. Okay. So you produced your gas legally, go
14 on?

15 A. And I guess Chevron could have drilled
16 Number 10 at an earlier date and made that look more
17 equitable.

18 Q. Yeah, they could have and they didn't, but
19 the point is, Texaco has not been harmed at point;
20 have they?

21 A. Not severely, no.

22 Q. And then if they drill the Number 11, as
23 you suggest, and then they proposed essentially
24 putting in an acreage factor of two instead of
25 three, and then go down and drill the Number 9,

1 you're suggesting that their acreage factor of two
2 which would be legal for a 320 is not fair, but they
3 should have an acreage factor of 1.35 roughly for an
4 acreage?

5 A. Yes, sir.

6 Q. What would be a standard acreage factor of
7 three?

8 A. Yes, sir. Of course, if it's 477 acres
9 Number 9 cannot produce its allowable, so they could
10 dedicate that under production to Number 11. If
11 it's 320 that leaves out Number 9.

12 Q. Whatever gave you that whole proration unit
13 acreage factor of two? Wouldn't that even be more
14 equitable if they throw the Number 9's production
15 into that?

16 A. Sure. The whole 477, sure.

17 Q. I think bottom line is I have a real
18 problem with the engineering basis for the
19 calculation and recommendations you've made, and do
20 you have anything further to support the calculation
21 you've made other than the hypothetical circles that
22 you've drawn? Is that the entire basis for the
23 calculations?

24 A. Well, it's very --

25 Q. As an engineer. I'm asking you as a

1 qualified engineer.

2 A. Sure, this could happen. The Number 11
3 could be a very good well, and it could produce the
4 total allowable for the whole unit, and if they did
5 that they might simply produce from Number 11 and
6 not the other two wells, and therefore my drawing
7 would be fairly accurate.

8 MR. STOVALL: I have no further questions.

9 MR. MORROW: Anything else?

10 MR. KELLAHIN: No, sir.

11 MR. MORROW: Thank you, sir. You may be
12 excused.

13 MR. CARR: At this time we will call
14 Mr. Sadler.

15 EXAMINATION

16 BY MR. CARR:

17 Q. State your full name for the record.

18 A. Charles Edward Sadler.

19 Q. Where do you reside?

20 A. Hobbs, New Mexico.

21 Q. By whom are you employed?

22 A. Texaco.

23 Q. And in what capacity?

24 A. As an area geologist.

25 Q. Have you previously testified, Mr. Sadler,

1 before this division?

2 A. No, I have not.

3 Q. Would you briefly review for Mr. Morrow
4 your educational background and your work
5 experience?

6 A. I graduated in 1971 from Texas A&I
7 University with a Bachelor of Science degree in
8 geology. I went to work that year with Eddy Oil
9 Company in Midland, Texas as a development
10 geologist, and worked with Eddy until 1984 at which
11 time I went to work for Texaco as a development
12 geologist and also in Midland, Texas, and worked in
13 that capacity until 1989, at which time I became a
14 reservoir geologist Midland, Texas. And worked as a
15 reservoir geologist until February of this year at
16 which time I became the area geologist in Hobbs, New
17 Mexico.

18 Q. And does your geographical area of
19 responsibility include the Eumont gas pool in
20 southeast New Mexico?

21 A. Yes, it does.

22 Q. Are you familiar with the application filed
23 in this case by Chevron?

24 A. Yes, I am.

25 MR. CARR: We tender Mr. Sandler as an expert

1 witness in petroleum geology.

2 MR. MORROW: Okay. We accept your
3 qualifications. What year did you graduate again?

4 A. 1981.

5 Q. (By Mr. Carr) Have you prepared exhibits
6 for presentation here today?

7 A. Yes, I have.

8 Q. Let's go to Texaco Exhibit Number 3.
9 Mr. Sadler I'd ask you to identify this and review
10 it for Mr. Morrow.

11 A. Exhibit Number 3 is a structural contour
12 map on the top of the Penn Sand which is the main
13 producing interval within the Eumont pool which
14 shows a structural closure located essentially over
15 Section 19.

16 Q. And what was this structure map constructed
17 from?

18 A. This map was constructed from well logs
19 which exist on numerous wells within this area and
20 make constructing the map irresolvable.

21 Q. Okay. What does this show you about the
22 proposed Chevron location?

23 A. What it shows to me is the fact that the
24 current proposed unorthodox location being 660 feet
25 off the lease line versus a standard location being

1 located 990 feet off the lease line. There will be
2 very insignificant difference from a structural
3 standpoint between the two locations.

4 Q. From just a purely geologic point of view,
5 in your opinion, is there any reason the well cannot
6 be drilled in a standard location?

7 A. No.

8 Q. Let's go to what has been marked as Texaco
9 Exhibit Number 4 and I'd ask you to identify and
10 review that.

11 A. Exhibit Number 4 is a north south
12 structural cross section. It runs from the Texaco
13 Saunders State Gas Com Number 1, south to the
14 Chevron BB Culp NTCA Gas Com Number 9. This is a
15 cross section of the Pennro Sand within the Eumont
16 pool.

17 Q. What does the green shaded area indicate?

18 A. The green areas are the Sand intervals
19 which are the main producing horizons within the
20 Pennro.

21 Q. And the yellow?

22 A. The yellow are carbonate intervals that act
23 as vertical barriers within the reservoir and are
24 typically nonproductive.

25 Q. And what does this exhibit tell you about

1 the Eumont in the subject area?

2 A. As we can see, this cross section extends
3 about three quarters of a mile north and south, and
4 the cross section demonstrates to me the
5 correlativeness of the zones as well as the
6 continuity of the zones.

7 Q. Did you attempt to prepare net pay isopach
8 maps on this area?

9 A. I did. The problem that I encountered is
10 that the majority of the wells in this area are
11 neutron logs, which are the only logs that exist on
12 the majority of the wells, and this being a gas
13 reservoir, those logs are adversely effected by the
14 gas, which makes constructing a quantifiable useable
15 isopach map impossible.

16 Q. From your geological study, what
17 conclusions have you reached?

18 A. That whether Chevron were to drill this
19 well at the proposed unorthodox location or at a
20 standard location geologically, it will not be
21 influenced.

22 Q. Were Exhibits 3 and 4 prepared by you?

23 A. Yes, they were.

24 MR. CARR: Mr. Examiner, we would move the
25 admission of Texaco's Exhibits 3 and 4.

1 MR. MORROW: 3 and 4 are admitted.

2 (Texaco Exhibits 3 and 4 admitted into
3 evidence.)

4 MR. CARR: That concludes my direct
5 examination of Mr. Sadler.

6 EXAMINATION

7 BY MR. KELLAHIN:

8 Q. Because it's impossible, Mr. Sadler, to
9 prepare a net pay isopach, it's also impossible to
10 geologically interpret the size and shape of the
11 container in which this gas is being stored; is that
12 not true?

13 A. In terms of fee H, yes, it is.

14 Q. Sure.

15 MR. MORROW: Fee what?

16 A. Fee H, porosity.

17 MR. KELLAHIN: Porosity thickness.

18 Q. (By Mr. Kellahin) And without that you
19 cannot then quantify geologically the relative value
20 between the standard location and the unorthodox
21 location?

22 A. Not in terms of quantifiably determining
23 that number.

24 Q. And all you can tell from the data
25 available is that they are comparable structurally?

1 A. Structurally and gross thickness.

2 Q. In gross thickness. Can you explain
3 geologically the relative difference between the
4 Chevron Number 10 well and the northeast quarter of
5 its section, and compare that geologically to your
6 Saunders well in Section 18?

7 A. Geologically they are comparable as far as
8 the gross thickness and sand thickness.

9 Q. Can you come to a geologic conclusion of
10 why the Saunders well is such a superior well in
11 performance to the Number 10 well?

12 A. Geologically, no.

13 MR. KELLAHIN: No further questions.

14 EXAMINATION

15 BY MR. MORROW:

16 Q. Okay. What's shown on the cross section,
17 the Sands, is that gross sand?

18 A. It would be the grain or the sand
19 intervals, the productive intervals.

20 Q. You could at least contour that?

21 A. You could have contoured gross thickness.

22 Q. Wouldn't tell you anything --

23 A. Not really.

24 Q. -- in your opinion?

25 A. No.

1 Q. I don't have any further questions.

2 MR. STOVALL: No, I don't think I have any
3 questions.

4 MR. MORROW: Thank you, sir.

5 MR. CARR: That concludes our presentation.

6 MR. MORROW: Mr. Kellahin, do you having
7 anything.

8 MR. KELLAHIN: We have no additional evidence,
9 Mr. Examiner. I'm willing to summarize the obvious.
10 I believe it's Mr. Carr's obligation to go first.

11 MR. CARR: Very briefly. Chevron is before you
12 with an application for a well at an unorthodox
13 location, and the concern that Texaco has is that
14 the well is being proposed at a location away from
15 an area on their acreage that they've already
16 drained, and closer than permitted under the rules
17 to a well that we are operating that's a good well,
18 and that's the problem.

19 And the problem is, we're concerned that
20 they might wind up with a well closer than it should
21 be with substantially more allowable, and drainage
22 can result, and Mr. Baca has pointed out correct
23 concerns, and proper concerns, that Chevron has
24 about their royalty owners, and we have similar
25 concerns about ours, and so we're here pursuing this

1 matter before you.

2 The results proposed by Chevron really
3 isn't acceptable to us. We believe that it's just
4 going to be extraordinarily difficult to have
5 operators start stepping outside the rules and
6 monitoring production independent of the proration
7 system, and that's basically what this is a first
8 step toward.

9 And so we have come forward and we have
10 imposed a penalty, and it's a heavy penalty,
11 obviously it is with the kind of information that's
12 available on the reservoir. You can pick at it from
13 various perspectives, but it's a penalty that would
14 be sufficient if the worse case should happen and
15 they should have a very good well 660 feet from our
16 lease line and decide to produce the entire
17 allowable for that well, and we're not telling you
18 that they would do that. We're saying we have to
19 watch it from the perspective of what could happen.

20 If the OCD can set up in its system a
21 320-acre unit, at least for monitoring the wells in
22 the north half, that's agreeable to us. As Mr. Pool
23 said, if an acreage factor were imposed on the whole
24 unit, that would be agreeable with us. And I think
25 probably the difference with the parties is not as

1 much that there -- whether or not there should be a
2 penalty or how it could be effectively done so that
3 the parties aren't regulating production, but the
4 question of regulating production from tracts in a
5 pool like this where there are units of multiple
6 wells, where that function remains with the OCD and
7 isn't just something delegated back to the parties.

8 And so for that reason we stand before you
9 telling you what options we might look at and feel
10 would be appropriate. We believe that they have an
11 option if they really want to produce what's left in
12 the north half stepping back to a standard location,
13 but if they need to go forward at this location, we
14 think there must be some meaningful penalty set on
15 it, and I think you understand where we stand on all
16 the various proposals. That's all I have.

17 MR. MORROW: Thank you, sir.

18 MR. KELLAHIN: Mr. Examiner, this appears to
19 be unusual circumstances in the Eumont. We have
20 proposed a solution that I think Texaco
21 misunderstands. It is simply not intended to be
22 left to the parties to resolve among themselves. We
23 very much want it to be done within the structures
24 of regulatory framework before the division.

25 The solution we have suggested is certainly

1 not the easiest one to implement, but it's required
2 out of necessity. Had the interest owners in the
3 royalty been common, we would have done the
4 conventional solution in the Eumont, and that is
5 simply reduce the size and create two nonstandard
6 spacing units. That's the typical way you handle
7 unorthodox locations in the Eumont. It's not
8 available to us here. Mr. Baca has given you the
9 reasons for that.

10 One of the choices is to look at the
11 acreage factor on the proration schedule assigned to
12 the proration unit and adjust it accordingly. We
13 think that the penalty proposed by Texaco is flawed;
14 it's hypothetical. It has no meaning or application
15 to the pool, but the intent to adjust the acreage
16 factor is a choice for you.

17 We suggest 1.35 is not reasonable or
18 appropriate, but if you're trying to establish a
19 maximum allowable for the Number 11 well, and under
20 320 acres it would be 1,200 today, and so if you
21 pegged the Number 11 well in some fashion with an
22 acreage factor of two, then that complies with what
23 would occur if it was a 320-acre unit.

24 The difficulty is that the OCD proration
25 system is not set up to apply the acreage factors to

1 this specific well. It's easier done on the spacing
2 unit. Mr. Carr's suggestion that you put it on the
3 spacing unit puts a punitive penalty on Chevron
4 because in order to put the two acreage factor on
5 the spacing unit, you sacrifice the flexibility and
6 the allowable left for the southeast quarter. So we
7 have to give up something extra that no one has to
8 give up in order to adjust the system.

9 I have searched for any precedent that the
10 division has undertaken to address this question,
11 and the only one I can find -- and I'll share it
12 with you -- is one based upon application by Doyl
13 Hartman.

14 It's order number R-9199. It has a bunch of
15 stuff in it. That stuff of interest is how the
16 division handled the simultaneous dedication and
17 dealt with the fact that one of the wells for which
18 there was to be simultaneous dedication was at an
19 unorthodox well location. And if you thumb through
20 and go to the very tailend on page 9 and look at
21 16 -- ordering paragraph 16 -- what they did is they
22 adjusted and pegged an acreage factor directly
23 against the well.

24 They set up an acreage factor of 1.75 for
25 this 280-acre nonstandard proration unit. However,

1 on the encroaching well, this Bret Laughlin Com
2 Number 5, it's only 330 from the common line, they
3 gave it no more than a 160-acre allowable. I could
4 not find in the proration schedule how this
5 particular order was ever implemented, so I cannot
6 tell you how this was accomplished, but there is at
7 least an order that demonstrates that while the
8 nonstandard proration unit -- in this instance the
9 477 -- continue to have and enjoy the flexibility of
10 its appropriate allowable.

11 The offending well was given an allowable
12 appropriate to the size of a spacing unit dedicated
13 to a well at that location to make it standard. To
14 translate it into our case you would put an acreage
15 factor of two against the Number 11 well and leave
16 the rest to the proration unit with its conventional
17 acreage factor.

18 MR. MORROW: The Number 11 and Number 10
19 together?

20 MR. KELLAHIN: Our choice is to have the
21 flexibility to do it in any combination as
22 Mr. Hendrix testified, is to have this ghost
23 allowable, if you will, assigned to the north half
24 within the system.

25 MR. MORROW: So it would be two wells to draw

1 on?

2 MR. KELLAHIN: Two wells to draw on with the
3 320, which is the flexibility contained within the
4 Eumont rules as it exists now. And this is the only
5 case that I could find that began to address this
6 kind of issue. And that's all I have. Thank you.

7 MR. MORROW: If I understand it correctly,
8 that solution, if we could implement it, would be
9 satisfactory to both sides.

10 MR. KELLAHIN: It is my understanding that is
11 an alternative choice and Texaco has no objection to
12 that.

13 MR. CARR: As long as the north half is
14 monitored in the system as if it were a 320. We
15 just don't want it outside the system left to us to
16 tract and come back.

17 MR. MORROW: Okay.

18 MR. STOVALL: Mr. Kellahin, let me just ask
19 you a legal question I have. If the commission were
20 to adopt that solution, what it would effectively
21 have to do is -- I'm guessing from the operation of
22 the mechanics of the computer system that keeps this
23 up -- is for all practical purposes is creating two
24 separate proration units under the proration
25 schedule which would be one legal proration unit --

1 the operators operations. I assume that's how they
2 do it.

3 MR. KELLAHIN: And that raises one of our
4 fears, is that when that usually occurs, it triggers
5 the termination of these com agreements by operation
6 of having it put in the schedule in that fashion,
7 and so we need either findings or something in the
8 the order or in the system, to not cause the police
9 powers of the State of New Mexico to terminate this
10 com agreement and disrupt the equities in the
11 spacing unit, and I can't tell you how to make it
12 work, but I suggest in the current system you would
13 have, in effect, a display shown on the proration
14 schedule where you have a 320 unit and a 160 unit,
15 and our concern is that the State Land Office or
16 someone else, not the State Land office. It would
17 be some royalty owner in the north half, some fee
18 owner says, "Ah ha, I have to no longer share my
19 production and royalty when the State of New Mexico
20 starts paying on the 320."

21 MR. STOVALL: Could you -- it will help to
22 submit some proposed language to address that. That
23 would help put in that option.

24 MR. KELLAHIN: I'm certainly willing to try.
25 I'm not sure it helps, but I'll try.

1 MR. STOVALL: And I'm not suggesting that
2 that's the option that the division would accomplish
3 if it's considered. I think we have to at least see
4 how it would be done.

5 MR. KELLAHIN: I'm willing to try,
6 Mr. Stovall.

7 MR. MORROW: Okay. I believe that's a little
8 bit contradictory to the testimony of your landman
9 who said they he didn't think doing that would
10 create a problem, but he may not be an attorney.

11 MR. KELLAHIN: And perhaps he and I are
12 confusing each other. What we're asking for so long
13 as the allowable assigned for the north half is done
14 in such a way that it doesn't disrupt the com
15 agreement it satisfys his concern. When I look at
16 the proration schedule and see the proration
17 schedule and look at the acreage, I'm looking at a
18 477.

19 MR. MORROW: And you assume that is a com
20 agreement?

21 MR. KELLAHIN: I assume it is and now I see in
22 the revised schedule a 160 and a 317. Someone can
23 argue that you effectively terminated this agreement
24 by that process.

25 MR. STOVALL: Policy well proration units,

1 then why not multi-proration unit wells?

2 MR. MORROW: All right. Anything more? This
3 case number 10367 will be taken under advisement.

4 (Case adjourned at 10:50 a.m.)
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13 I do hereby certify that the foregoing is
14 a complete record of the proceedings in
the Examiner hearing of Case No. 10367
15 heard by ~~Mr. S.~~ 22 August 1991.

16 Mahmud E. Hozay, Examiner
Oil Conservation Division
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1 STATE OF NEW MEXICO)
) ss.
2 COUNTY OF BERNALILLO)

3 REPORTER'S CERTIFICATE

4 BE IT KNOWN that the foregoing transcript of
5 the proceedings were taken by me, that I was then
6 and there a Certified Shorthand Reporter and Notary
7 Public in and for the County of Bernalillo, State
8 of New Mexico, and by virtue thereof, authorized to
9 administer an oath; that the witness before
10 testifying was duly sworn to testify to the
11 whole truth and nothing but the truth; that the
12 questions propounded by counsel and the answers of
13 the witness thereto were taken down by me, and that
14 the foregoing pages of typewritten matter contain a
15 true and accurate transcript as requested by counsel
16 of the proceedings and testimony had and adduced
17 upon the taking of said deposition, all to the best
18 of my skill and ability.

19 I FURTHER CERTIFY that I am not related to
20 nor employed by any of the parties hereto, and have
21 no interest in the outcome hereof.

22 DATED at Bernalillo, New Mexico, this day
23 October 1, 1991.

24 My commission expires
25 April 24, 1994

LINDA BUMKENS
CCR No. 3008
Notary Public