Page 1 STATE OF NEW MEXICO 1 ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT 2 OIL CONSERVATION DIVISION 3 IN THE MATTER OF THE HEARING CALLED ORIGINAL BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING: 4 CASE NO. 15199 5 APPLICATION OF CHEVRON U.S.A., INC. FOR A NONSTANDARD SPACING 6 AND PRORATION UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO. 7 CASE NO. 15200 APPLICATION OF CHEVRON U.S.A., 8 INC. FOR A NONSTANDARD SPACING AND PRORATION UNIT AND COMPULSORY 9 POOLING, LEA COUNTY, NEW MEXICO. 10 REPORTER'S TRANSCRIPT OF PROCEEDINGS 2014 OCI 11 EXAMINER HEARING 12 September 18, 2014 0 1.3 Santa Fe, New Mexico υ 14 -ŗ, 15 BEFORE: RICHARD EZEANYIM, CHIEF EXAMINER 16 17 This matter came on for hearing before the New Mexico Oil Conservation Division, Richard Ezeanyim, Chief Examiner, on Thursday, September 18, 2014, at the 18 New Mexico Energy, Minerals and Natural Resources 19 Department, Wendell Chino Building, 1220 South St. Francis Drive, Porter Hall, Room 102, Santa Fe, 20 New Mexico. 21 22 REPORTED BY: Mary C. Hankins, CCR, RPR New Mexico CCR #20 23 Paul Baca Professional Court Reporters 500 4th Street, Northwest, Suite 105 24 Albuquerque, New Mexico 87102 (505) 843-9241 25

Page 2 1 APPEARANCES 2 FOR APPLICANT CHEVRON U.S.A., INC.: 3 MICHAEL H. FELDEWERT, ESQ. HOLLAND & HART 110 North Guadalupe, Suite 1 4 Santa Fe, New Mexico 87501 (505) 988-4421 5 mfeldewert@hollandhart.com 6 FOR INTERESTED PARTY ROBERT E. LANDRETH 7 (Case Number 15200 only): 8 JAMES G. BRUCE, ESQ. Post Office Box 1056 9 Santa Fe, New Mexico 87504 (505) 982-2043 10 jamesbruc@aol.com 11 INDEX PAGE 12 Case Numbers 15199 and 15200 Called 3 Chevron U.S.A., Inc.'s Case-in-Chief: 13 14 Witnesses: 15 Cody Cole: 16 Direct Examination by Mr. Feldewert 4 Cross-Examination by Mr. Bruce 12 Cross-Examination by Examiner Ezeanyim 17 17 Fred Verner: 18 19 Direct Examination by Mr. Feldewert 20 Cross-Examination by Examiner Ezeanyim 26 20 Closing Remarks 21 Proceedings Conclude/Certificate of Court Reporter 30/31 22 23 EXHIBITS OFFERED AND ADMITTED 24 Chevron U.S.A., Inc. Exhibit Numbers 1 through 9 12 Chevron U.S.A., Inc. Exhibit Number 10 identified 22 25 Chevron U.S.A., Inc. Exhibit Numbers 11 through 13 26

Page 3 1 (10:59 a.m.) 2 EXAMINER EZEANYIM: At this point -- I know you guys have reached an agreement. I wanted to go in 3 4 the order of the docket, but during the break, I was approached and asked that -- Case 14613 has agreed to be 5 done last, so we can get -- because of some extenuating 6 7 circumstances. So we can get to the other cases and then go back to 14613. 8 So based on that, we are going to call two 9 cases and consolidate them for the purpose of testimony. 10 The first one is Case Number 15199 and Case Number 11 15200. 12 13 Case Number 15199 is the application of Chevron U.S.A., Inc. for a nonstandard spacing and 14 15 proration unit and compulsory pooling, Lea County, 16 New Mexico consolidated with Case Number 15200, application of Chevron U.S.A., Inc. for a nonstandard 17 18 spacing and proration unit and compulsory pooling, Lea County, New Mexico. 19 20 Call for appearances. 21 MR. FELDEWERT: May it please the Examiner, Michael Feldewert, with the Santa Fe office of 22 23 Holland & Hart, appearing on behalf of the Applicant in 24 both cases, Chevron-U.S.A., Inc., and I have two 25 witnesses.

Page 4 1 EXAMINER EZEANYIM: Any other appearances? MR. BRUCE: Mr. Examiner, Jim Bruce of 2 Santa Fe representing Robert E. Landreth. 3 I am 4 appearing only in Case 15200. EXAMINER EZEANYIM: Any other appearances? 5 That's good. 6 7 Okay. Will the witnesses stand up, state 8 your name and be sworn in, please? 9 MR. COLE: Cody Cole. MR. VERNER: Fred Verner. 10 (Mr. Cole and Mr. Verner sworn.) 11 12 MR. FELDEWERT: Call our first witness. 13 EXAMINER EZEANYIM: Okay. Go ahead. CODY COLE, 14 15 after having been previously sworn under oath, was 16 questioned and testified as follows: DIRECT EXAMINATION 17 BY MR. FELDEWERT: 18 Would you please state your name and identify 19 Q. by whom you are employed and in what capacity? 20 21 Α. My name is Cody Cole. I'm employed by Chevron as a land representative. 22 23 How long have you been a land representative Q. 24 with Chevron? 25 Just over three-and-a-half years now. Α.

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Υ.

Page 5 1 0. Have your responsibilities included the Permian 2 Basin? Yes, it has. 3 Α. 4 Ο. Now, you have previously testified before this 5 Division, correct? That's correct. 6 Α. . 7 Q. And at that time, your credentials as an expert in petroleum land matters were accepted and made a 8 9 matter of public record? That is correct. 10 Α. Are you familiar with the applications that 11 0. have resulted in these consolidated cases? 12 13 Α. Yes, I am. Are you familiar with the status of the lands 14 0. 15 in the subject area? Yes, I am. 16 Α. 17 MR. FELDEWERT: I would tender Mr. Cole once again as an expert in petroleum land matters. 18 19 EXAMINER EZEANYIM: So accepted. 20 (BY MR. FELDEWERT) Would you please turn to 0. 21 what's been marked as Chevron Exhibits 1 and 2 and identify what these exhibits are for the Examiner? 22 23 Α. These are the APDs we submitted for the Gramma 24 Ridge 5H well and the Gramma Ridge 8H well, located in 25 Section 14, Township 24 South, Range 34 East, in Lea

1	County.

Q. And in light of these filed APDs reflected in
Exhibits 1 and 2, what do you request from the Divison
in these consolidated cases?

5 A. We are requesting to create two 160-acre 6 nonstandard units and to pool all the uncommitted 7 interest owners.

Q. And what are those nonstandard spacing units?
A. The nonstandard spacing units are comprised of
the east half-west half of Section 14, along with the
east half-east half of Section 14.

Q. And if I look at Exhibits 1 and 2, if I look at the last page of each of those exhibits, it looks like the east half of the west half will be dedicated to the 5H well?

A. That is correct.

17 Q. And then the east half of the east half will be 18 dedicated to the 8H well?

19 A. That is correct.

Q. Has the Division recently issued a similar pooling order for the well in the west half-west half of Section 14?

23 A. Yes, that is true.

24 Q. And was that entered under Division Order

25 R-13865?

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	Page /
1	A. Yes.
2	Q. And that was for your Gramma Ridge 2H well?
3	A. That's correct.
4	Q. Do Exhibits 1 and 2, particularly the last page
5	of each exhibit, does it provide the Examiner with the
6	footage locations for the well?
7	A. Yes, it does.
8	Q. And API number?
9	A. Yes.
10	Q. Pool code?
11	A. Yes.
12	Q. And does it also reflect that each of these
13	wells or that the completed interval for each of
14	these wells will comply with the Division's 330-foot
15	setback requirements?
16	A. Yes, it does.
17	Q. Is Section 14 all fee lands?
18	A. Yes, they are.
19	Q. If I turn to what's been marked as Chevron
20	Exhibit 3, which is for the 5H well, and then Exhibit 4,
21	which is for the 8H well, do each one of these exhibits
22	identify the working interest owners in the proposed
23	nonstandard spacing units?
24	A. Yes, they do.
25	Q. And do each of these exhibits identify them

Page 8 first by tract and then on the last page provide a 1 summation of total interest in the proposed nonstandard 2 3 spacing units? Yes, they do. 4 Α. Has the company been able to locate all of 5 Ο. these interest owners? 6 Not all of them. 7 Α. And if I turn to what's been -- I'm sorry. 8 Ο. Let 9 me step back. What efforts did the company take to locate 10 11 the interest owners? 12 Α. Over the last year and a half, we've had field workers in the courthouse running records to find the 13 last known address for these individuals. We've 14 provided Internet searches, along with, in some cases, 15 16 private-eye investigations to find the whereabouts of 17 these people. If I turn to what's been marked as Chevron 18 0. 19 Exhibit Number 5, is that an Affidavit of Publication? 20 Α. Yes, it is. 21 And is that for Case 15199 that provides notice Ο. 22 in the local newspaper by name to the interest owners 23 that you were unable to locate for the 5H? Yes, it does. 24 Α. With respect to the 8H well, you were able to 25 Ο.

Page 9 locate addresses for all of the interest owners? 1 2 Α. That's correct. 3 Now, in turning to the interest owners you were 0. able to locate, have you marked on Chevron Exhibit 3 and 4 also on Chevron Exhibit 4, on the last page, by a 5 6 checkmark the parties that you currently seek to pool? Yes, that's correct. 7 Α. And with respect to the sum of these parties, 8 0. these are parties to which you do not yet have a working 9 10 agreement, correct? 11 Α. That's correct. But some of those parties may agree to 12 Ο. 13 participate in the well? 14 Yes, that is correct. Α. 15 And you're still waiting on a signed JOA? 0. 16 Α. An agreeable and signed JOA, yes. And if those parties do sign a JOA that's 17 0. acceptable even after the pooling order, they will be 18 released from the pooling proceedings, correct? 19 That and/or an oil and gas lease. 20 Α. 21 Q. Okay. Now, with respect to these particular parties, if I turn to what's been marked as Chevron 22 23 Exhibit Number 6 and I look, also, at Chevron Exhibit 24 Number 7, are these the copies of the well-proposal 25 letters for each well that was sent to all the mineral

Page 10

1 owners that you were able to locate? 2 Α. Yes, that is correct. And did each of these letters for each well 3 Ο. 4 include an AFE? 5 Α. Yes, it did. 6 And how many pages does that AFE comprise? 0. 7 Α. Three, I believe. Three. 8 And how are those -- why is it three pages? Ο. How is it broken out? 9 10On the first page of the three pages is the Α. drilling costs. The second page represents our 11 12 completion costs, and then the third represents our 13 facilities costs. And are the costs that you submitted at the 14 0. 15 time of providing these well proposals consistent with what the company has incurred for drilling similar 16 17 horizontal wells in this area? 18 Yes, they have [sic]. Α. Now, in addition to sending out these letters, 19 Q. 20 what other efforts has the company undertaken to reach agreement with these uncommitted interest owners? 21 After these letter -- before and after these 22 Α. 23 letters have been sent out, we have called each of these 24 owners and engaged their interests in obtaining an oil 25 and gas lease and/or participating with their working

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1 - T - 3

1 interest percentage.

2	Q. In preparation for this hearing, has the
3	company made an estimate on the overhead and
4	administrative costs while drilling and also while
5	producing if you are successful?
6	A. Yes, we have.
7	Q. And what are those figures?
8	A. 7,000 a month for drilling and 700 a month
9	after completions.
10	Q. And are those costs consistent with what the
11	Division approved under Division Order R-13865 for the
12	2H well in the west half of the west half of this
13	section?
14	A. Yes, they are.
15	Q. Did the company also identify the operators and
16	lessees in the 40-acre tract surrounding each of the
17	proposed nonstandard spacing units?
18	A. Yes, we have.
19	Q. And did the company ensure that notice of this
20	hearing was also provided to these known offset
21	operators and lessees?
22	A. Yes.
23	Q. If I take a look at what is marked as Chevron
24	Exhibit Number 8 and Chevron Exhibit 9, are those 🥂 🐑
25	affidavits prepared by my office for each case with

Page 12 attached letters providing notice of this hearing to 1 2 these affected parties? Yes, that is correct. 3 Α. Were Chevron Exhibits 1 through 9 prepared by 4 Ο. 5 you or compiled under your direction or supervision? 6 Α. Yes, they were. MR. FELDEWERT: Mr. Examiner, I'd move 7 admission into evidence of Exhibits 1 through 9. 8 9 EXAMINER EZEANYIM: Any objection? 10 MR. BRUCE: No, no objection. EXAMINER EZEANYIM: Exhibits 1 through 9 11 12 will be admitted. (Chevron U.S.A., Inc. Exhibit Numbers 1 13 through 9 were offered and admitted into 14 15 Evidence.) MR. FELDEWERT: And that concludes my 16 examination of this witness. 17 18 EXAMINER EZEANYIM: Mr. Bruce? 19 MR. BRUCE: Just a couple. 20 CROSS-EXAMINATION BY MR. BRUCE: 21 22 Q. Mr. Cole, let me ask you first, regarding the AFE, does Chevron have another witness to discuss the 23 -2- er 24 AFEs? ~ No, not offhand. That will be -- a lot 25 Α.

Page 13 1 those AFEs are comprised -- excuse me -- created by our 2 engineers. 3 That's fine. Q. But looking, I guess, at Exhibit 6 -- let 4 me clarify. Mr. Landreth owns an interest in the 8H 5 well unit, but not in the other well unit? 6 That's correct. 7 Α. Looking at the facilities costs, are the 8 Ο. 9 surface facilities for this well going to be used for other wells also? 10 11 Α. Yes. That is our plan. 12 And in those other wells, does Mr. Landreth own Ο. an interest? 13 14 Α. He owns an interest in the 1H, yes. 15 Okay. But are there going to be other wells 0. involved? 16 17 Yes, eventually. Α. Okay. So there will be several wells using the 18 Ο. same surface facilities? 19 20 Α. Yes. And is the total cost of these surface 21 0. 22 facilities being charged only to the 8H well? 23 Α. No, they are not. 24 Q. How are they going to be apportioned?-25 From my understanding -- and by all means I did Α.

Page 14 not create these facilities costs --1 2 Q. I understand. 3 -- but this is from my understanding, that any Α. cost that represents above the costs after sharing, we 4 5 were going to perform the capital expenditure method 6 under the COPAS of the JOA. 7 But it is Chevron's intent to allocate costs Ο. among the various wells with this \$1,040,000? 8 9 Α. I'm sorry. I don't understand. Can you repeat 10 that? 11 It is Chevron's intent to allocate costs Ο. 12 among -- this \$1,040,000 among several other wells, as 13 well as this one; is that correct? 14 Α. I'm not 100 percent aware of that -- or 100 percent sure how to answer that. So I'm not sure. 15 16 Are these all fee land? Ο. 17 Yes, they are. Α. 18 And so the people you are seeking to pool 0. 19 mainly are unleased mineral interest owners? 20 Α. Yes. 21 Has Chevron obtained leases from other mineral ο. 22 interest owners who are not being pooled? 23 Α. Yes. 24 And what are typical royalty rates in those Q. 25 leases?

Page 15 That's confidential information that I would 1 Α. 2 not like to disclose to the public. Well, I think that's important information. 3 0. MR. BRUCE: I mean, having prepared about 4 1,000 title opinions in my life, Mr. Examiner, you have 5 6 to know the royalty rate, and it's done from an 7 examination of the county records. I think that's 8 reasonable information. 9 MR. FELDEWERT: Let me object because that's -- royalty rates are agreed to in a lease between 10 parties who have signed the lease. That's what is 11 recorded. As to what is proposed during the 12 negotiations, that is confidential among the parties. 13 MR. BRUCE: That's not what I'm asking, 14 Mr. Feldewert. I'm simply asking: If there are 15 recorded leases, what are the royalty rates? 16 17 MR. FELDEWERT: Well, that can be answered 18 just as easily by your client as they can by anybody 19 else by looking at the county records. MR. BRUCE: Well, he has the information. 20 21 It would take two seconds to answer. 22 THE WITNESS: Sir, there are over 90-plus 23 leases in this section. I could not give you an accurate number. 24 25 Ο. (BY MR. BRUCE) What's the range? Are they

5.25

Page 16 1 one-eighth leases? MR. FELDEWERT: Objection. It calls for 2 speculation, and the witness has not indicated that he's 3 in any kind of a position to provide it. 4 5 MR. BRUCE: So what's speculation? They're 6 in the lease. THE WITNESS: A lot of times we file memos 7 of records to keep information such as that private. 8 9 MR. BRUCE: Well, again, Mr. Examiner, I see nothing confidential about a royalty rate in the 10 11 lease. Unfortunately, the 12 EXAMINER EZEANYIM: 13 Legal Examiner is not here, and I can't answer any legal questions. But what I would like to do is -- I'm going 14 to sustain the objection, and let's move ahead here. 15 Of course you know I'm not interested in 16 the royalty rate. That's not my job. I don't care what 17 the royalty rate is. Whatever it is, I'm not 18 interested. My job is to prevent waste and protect 19 20 correlative rights. It is not my job to determine how much you pay in royalty or not. So since I don't have 21 22 any legal examiner to advise me, can we proceed? Ι 23 mean, I will find out how to deal with it when I write the order: 24 25 Go ahead, Mr. Bruce.

Page 17 1 MR. BRUCE: That's all I have, 2 Mr. Examiner. EXAMINER EZEANYIM: Okay. Thank you very 3 4 much. 5 Go ahead. MR. FELDEWERT: I have no further 6 7 questions. 8 CROSS-EXAMINATION 9 BY EXAMINER EZEANYIM: Now, let's go back to that AFE. I mean, the 10 Q. AFE is very confusing to me. Is that 6? 11 12 6 and 7, yes, sir. Α. 13 Q. And the question was asked about the facilities AFE, because you're going to use the same facility for 14 those two wells, right? 15 16 Α. Correct. 17 And then this one AFE provides you two wells? 0. 18 It covers each particular well. Α. No. 19 Q. Yeah. But they are the same AFE? 20 I'm sorry, sir? Α. 21 Q. It's the same. One AFE, right? 22 I believe they are very similar, yes. Α. There 23 are two different AFEs. There is a separate AFE sent 24 out to each well. 25 Oh, really? Okay. What are the -- first of Q.

Page 18 all, let's start with -- I need to understand this. 1 Case Number 15199, where is the AFE? Is that 7 or 6? 2 3 MR. FELDEWERT: Mr. Examiner, that would be for the 5H well, and that would be Exhibit Number 6. 4 5 THE WITNESS: 6. MR. FELDEWERT: No. I'm sorry. Exhibit 6 Number 7. 7 THE WITNESS: Oh, yes, Number 7. I'm 8 9 sorry. 10 Okay. Mr. Examiner, MR. FELDEWERT: 11 probably the easiest place to look would be on the first 12 page of the well proposal. 13 EXAMINER EZEANYIM: Which is? 14MR. FELDEWERT: Look at first page of 15 Exhibit 7, about -- towards the bottom, it's broken out. EXAMINER EZEANYIM: Okay. Okay. I wanted 16 17 to see those totals again. 18 Ο. (BY EXAMINER EZEANYIM) The 5H is 7.75 million, 19 right? Right? 20 Α. Total cost, yes. 21 And then let's go to 8H. Where is 8H? Ο. Is that 22 the same? Number 6. 23 Α. Oh, 6. 6 is 8H. I'm sorry. I want to look at 24 0. 25 the facilities. 6 is -- why is that? Are you going to

Page 19 1 the same depth? 2 Α. Are you asking in regards to the facilities costs or the total costs? 3 Yeah. The facilities cost on that 8H is 1.4 --4 0. 5 1,041,000. The facilities cost for the 5H is now 984,000. They have the same lands, you know. Why is 6 7 the facilities cost different? If I was -- once again, I'm not a facilities 8 Α. 9 engineer and did not build this, but I would assume that it's because the location of the tank battery in regards 10 to the 8H is at a farther distance than the 5H from the 11 facilities. 12 13 0. That's interesting. And the interest ownership is different. 14 Yes, sir. 15 Α. 16 EXAMINER EZEANYIM: Who is the next 17 witness? The geologist? 18 MR. FELDEWERT: Yes, sir. 19 THE WITNESS: If you can notice in 20 comparison on the two AFEs, the flow line costs are 21 different. 22 Q. (BY EXAMINER EZEANYIM) Yeah. I noticed that, 23 too. 24 Α. Which would probably come from the distance of 25 facilities.

Page 20 1 EXAMINER EZEANYIM: Do we have another 2 witness coming up? THE WITNESS: I'm sorry? 3 EXAMINER EZEANYIM: Is there another 4 witness coming up? 5 MR. FELDEWERT: I have a geologist to 6 7 present. 8 EXAMINER EZEANYIM: This is a land person? MR. FELDEWERT: Yes, sir. 9 EXAMINER EZEANYIM: I'm confused. 10 Okay. Very good. You may step down. 11 12 THE WITNESS: Thank you. 13 EXAMINER EZEANYIM: Call your next witness. FRED VERNER, 14 after having been previously sworn under oath, was 15 questioned and testified as follows: 16 DIRECT EXAMINATION 17 BY MR. FELDEWERT: 18 19 0. Would you please state your name, identify by 20 whom you are employed? My name is Fred Verner. I'm employed by 21 Α. Chevron. I am an earth scientist and a project manager. 22 23 And, Mr. Verner, do you oversee a team of 0. geologists for the company that are involved in the 24 Permian Basin of New Mexico? 25

	Page 21
1	A. Yes, I do.
2	Q. And how long have you been with Chevron?
3	A. I've been with Chevron ten years, working the
4	Permian Basin for those ten years.
5	Q. And you have also previously testified before
6	this Division?
7	A. Yes, I have.
8	Q. And were your credentials as an expert witness
9	in petroleum exploration accepted and made a matter of
10	public record?
11	A. Yes, they have.
12	Q. Are you familiar with the applications filed in
13	these consolidated cases?
14	A. Yes, I am.
15	Q. And did you oversee and approve the geologic
16	study of the lands that are the subject of this
17	application?
18	A. Yes, I did.
19	MR. FELDEWERT: I would once again tender
20	Mr. Verner as an expert witness in petroleum
21	exploration.
22	EXAMINER EZEANYIM: Any objection?
23	MR. BRUCE: No objection.
24	- EXAMINER EZEANYIM: Mr. Verner, did you say
25	you were a scientist?

Page 22 1 THE WITNESS: Yes. 2 EXAMINER EZEANYIM: Your qualifications are 3 accepted. 4 (BY MR. FELDEWERT) What is the target interval 0. 5 to both of these wells? They are both targeting the 3rd Bone Spring 6 Α. 7 sand. And has your geologic team prepared structural 8 Q. and cross-section maps for the Examiner? 9 Yes, they have. 10 Α. If I turn to what's been marked as Chevron 11 Q. Exhibit Number 10, would you please identify it for the 12 record and tell us what it shows? 13 (Exhibit Number 10 identified.) 1415 Sure. This is a structure map on the top of Α. the 3rd Bone Spring sand. It is reference to sea level. 16 17 The contour interval is 200 feet, and it's generally showing a gentle and consistent dip down to the 18 19 south-southeast. Do you observe any faults, pinchouts or other 20 0. geologic impediments to the horizontal well in this 21 area? 22 23 We have not identified any in this area, Α. No. nor do we anticipate finding any upon drilling. 24 . . 25 You actually drilled a horizontal well in the Q.

		Page 23
	1	west half of the west half of this section?
	2	A. Yes, that's right. We have.
	3	Q. This map also shows, does it not, some wells
	4	that you utilized for your cross section?
	5	A. Yes. I could go into a couple of things
	6	identified here. First, the Gramma Ridge acreage,
	7	Section 14, is outlined in red. There is an approximate
	8	location. The 5H and 8H are identified. And there is a
	9	cross section also provided, running from A to A prime,
	10	west to east. That's a three-well cross section running
	11	through our Gramma Ridge acreage.
	12	Q. In your opinion, are the wells that you've
	13	identified for your cross-section analysis
	14	representative of the area?
	15	A. Yes, they are.
	16	Q. If I then keep my finger on this particular
	17	exhibit and I flip over to Exhibit Number 11, are these
	18	the well logs that correspond with the wells identified
	19	in Exhibit 10 for your cross section?
	20	A. Yes, they are, A being the westernmost and
	21	A prime being the easternmost, the Buckeye well in the
	22	middle being the well closest to the Gramma Ridge
	23	acreage.
	24	
i	25	on Exhibit 11?

Page 24 Well, it can -- of course, it's flattened upon 1 Α. the 3rd Bone Spring sand, but our target interval is 2 actually the pay in the lowest section of the 3rd Bone 3 4 Spring sand for two reasons. One, it's the largest, but it's also the most contiguous, consistent of all the 5 sands in the area. Our well -- our location along this 6 cross section is identified with the blues [sic] thick 7 in between the Buckeye and the Madera well, with the 8 target interval identified with the arrows at the bottom 9 10 of the wellbore. 11 Ο. And with respect to that target interval identified on this Exhibit Number 11, do you observe 12 13 that that pay zone is continuous across the proposed 14 nonstandard unit? 15 It is very consistent in this area. Α. Yes. What other conclusions have you drawn from your 16 0. 17 qeologic study? Well, this area can be efficiently developed 18 Α. 19 with horizontal drilling and based on the evidence we 20 have, that all the acreage involved will contribute 21 essentially equally to production of these wells. 22 If I then turn to what's been marked as Chevron 0. 23 Exhibits 12 and 13, does this provide the Examiner with

24 **a well diagram for each of the proposed wells? *

25 A. Yes, it does.

Page 25 And if I look particularly, let's say, on 1 Q. Exhibit Number 12 and I take a look at the right-hand 2 3 side of the schematic, towards the bottom there it shows that the wellbore itself is actually going to cross over 4 the 330 offset line? 5 Yes, that's correct. 6 Α. 7 What's the purpose? Q. That is rathole that our drilling and 8 Α. 9 operations teams request. It gives them some flexibility in future work-over activity should they 10 need to do that. 11 Will the completed interval for the well extend 12 Ο. beyond the 330-foot offset? 13 No, it will not. It will stay within the 14 Α. proration setbacks, and our actual first and last take 15 points are identified on the C-102s that were submitted 16 with the APD. 17 18 Ο. And those are reflected on the last pages of 1 and 2?19 20 Α. Yes, on 2. 21 Ο. And in Exhibit Number 1? 22 Oh, Exhibit 1 (reading). Okay. Yes. Α. 23 In your opinion, is the granting of this Q. application in the best interest of conservation, the :2425 prevention of waste and the protection of correlative

	Page 26
1	rights?
2	A. Yes, it is.
3	Q. Were Chevron Exhibits 11 through 13 prepared by
4	you or compiled under your direction and supervision?
5	A. Yes, they were.
6	MR. FELDEWERT: Mr. Examiner, I'd move the
7	admission into evidence of Chevron Exhibits 11 through
8	13.
9	EXAMINER EZEANYIM: Any objection?
10	MR. BRUCE: No objection.
11	MR. FELDEWERT: That concludes my
12	examination of this witness.
13	EXAMINER EZEANYIM: Exhibits 11 through 13
14	will be admitted.
15	(Chevron U.S.A., Inc. Exhibit Numbers 11
16	through 13 were offered and admitted into
17	evidence.)
18	EXAMINER EZEANYIM: Mr. Bruce?
19	MR. BRUCE: I don't have any questions.
20	EXAMINER EZEANYIM: That's good.
21	CROSS-EXAMINATION
22	BY EXAMINER EZEANYIM:
23	Q. These wells are going to be drilled from the
24	Red Hills, Bone Spring North?
25	A. I believe that's correct.

) =

1. 71.

Page 27 Yeah. And that's 96434? 1 0. 2 MR. FELDEWERT: Yes, Mr. Examiner. If you 3 look at Exhibits 1 or 2, you can find the pool code. (BY EXAMINER EZEANYIM) We have all the API 4 Ο. 5 numbers, right? 6 Α. Yes. EXAMINER EZEANYIM: I have no further 7 8 questions for this witness. 9 You may step down. 10 Any other witnesses? 11 MR. FELDEWERT: No, sir. 12 MR. BRUCE: Mr. Examiner, I'd like to make 13 a brief statement. 14 EXAMINER EZEANYIM: Okay. Go ahead. 15 MR. BRUCE: Mr. Examiner, Mr. Landreth owns 16 a 25 percent interest in this well, and, therefore, just looking at the completion costs, he's responsible for 17 about \$260,000, but the surface facilities are going to 18 be used for several other wells also, including wells in 19 20 which he does not own an interest. And so it makes it 21 awfully difficult for him to determine whether or not to join in a well when he doesn't know what costs he is 22 actually going to be required to pay. That is one 23 issue. 24 25 But the bigger issue is if these costs, as

Page 28 the witness said, are going to be borne by the interest 1 owners solely in this well, then you've got bigger 2 problems because other interest owners in other wells 3 will benefit by Mr. Landreth paying for 25 percent of 4 these surface facilities, and that is a burden on him 5 and that impairs his correlative rights. 6 And so I think Chevron must be either 7 8 required to inform the Division how it is going to 9 allocate costs to make it fair among the interest owners, or this application should be denied until they 10 do so. 11 12 EXAMINER EZEANYIM: Mr. Feldewert, any 13 comments? 14 MR. FELDEWERT: Mr. Examiner, I've got a couple of responses. One is, first off, Mr. Landreth 15 apparently doesn't just own in the 8H well. He also 16 owns the 1H. 17 18 EXAMINER EZEANYIM: What did you say? 19 MR. FELDEWERT: He also owns in the 1H 20 well. 21 EXAMINER EZEANYIM: He owns both the 1H and 22 the 2H? 23 MR. FELDEWERT: He owns in the 8H well, and he also has an interest in the 1H well in Section 14: 24 25 EXAMINER EZEANYIM: Which is not a part of

1 this?

2	MR. FELDEWERT: It's not a part of this.
3	But I think more importantly in terms of
4	the pooling order itself, which the Division routinely
5	enters, provides an opportunity for parties under the
6	terms of that pooling order and with notice to contest
7	costs. We have not received any notice from Mr. Bruce
8	or his client that they had any issue with any
9	particular cost element prior to this hearing, and the
10	pooling order will give them an opportunity under the
11	terms of the pooling order to follow its procedures and
12	contest those costs.
13	So this is not and this is a cost
14	matter. This is not an issue that impairs their
15	correlative rights. It doesn't impair them an
16	opportunity to produce in a just and equitable share of
17	the reserves. That is going to occur. They can deal
18	with the cost issues under the terms of the pooling
19	order if indeed there is a debate, after we get notice
20	and they have a discussion.
21	EXAMINER EZEANYIM: Okay. You done?
22	MR. FELDEWERT: I am.
23	EXAMINER EZEANYIM: Do you have anything to
24	say to that?
25	MR. BRUCE: Well, I would note that the 2H

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Page 30 well and maybe other wells of which Mr. Landreth owns no 1 2 interest will also use the surface faculties. And I 3 think that when you come to a hearing, you propose the costs for one well, not surface facilities for three or 4 four wells. And, therefore, I think this AFE is 5 6 improper. 7 EXAMINER EZEANYIM: So what you are saying is that you have different facilities -- costs for 8 9 facilities for each well, right? 10 MR. BRUCE: I think that's entirely proper. 11 EXAMINER EZEANYIM: Okay. I took note of 12 all you've said. 13 Anyone have anything else? 14 MR. BRUCE: No, sir. 15 EXAMINER EZEANYIM: We have two cases here, 16 Case Number 15199 and Case Number 15200, which are 17 consolidated for hearing. At this point Case Numbers 15199, 15200 will be taken under advisement. 18 19 (Case Numbers 15199 and 15200 conclude, 20 11:32 a.m.) 21 1 to hereby certify that the foregoing w a complete record of the proceedings in 22 the Examiner hearing of Case No heard by me on 23 Examine 24 25

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2	COUNTY OF BERNALILLO
3	
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15	I FURTHER CERTIFY that I am neither
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