1 STATE OF NEW MEXICO 2 ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT 3 OIL CONSERVATION DIVISION 4 ЮРY 5 IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR 6 THE PURPOSE OF CONSIDERING: 7 APPLICATION OF CONOCOPHILLIPS COMPANY CASE NO. 14248 FOR COMPULSORY POOLING, SAN JUAN 8 COUNTY, NEW MEXICO 9 2003 DEC 10 PM 10 RECEIVED 1112 REPORTER'S TRANSCRIPT OF PROCEEDINGS 13 EXAMINER HEARING ___ f--. b 14 1 - 1 15 **BEFORE**: DAVID K. BROOKS, Legal Examiner WILLIAM V. JONES, Technical Examiner 16 TERRY G. WARNELL, Technical Examiner 17 December 4, 2008 18 Santa Fe, New Mexico 19 This matter came on for hearing before the New Mexico 20 Oil Conservation Division, DAVID K. BROOKS, Legal Examiner, WILLIAM V. JONES, Technical Examiner, and TERRY G. WARNELL, 21 Technical Examiner, on Thursday, December 4, 2008, at the New Mexico Energy, Minerals and Natural Resources Department, 22 1220 South Saint Francis Drive, Room 102, Santa Fe, New Mexico. 23 REPORTED BY: JOYCE D. CALVERT, P-03 Paul Baca Court Reporters 24 500 Fourth Street, NW, Suite 105 Albuquerque, New Mexico 87102 25

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MR. JONES: Let's call Case 14248, Application of 1 2 ConocoPhillips Company for Compulsory Pooling, San Juan County, 3 New Mexico. Call for appearances. 4 MR. KELLAHIN: Mr. Examiner, I'm Tom Kellahin on 5 behalf of the law firm of Kellahin and Kellahin appearing on 6 7 behalf of the applicant, and I have one witness to be sworn. MR. JONES: Any other appearances? 8 9 Will the witness please stand, state your name and be 10 sworn? 11 MR. DART: Brian Dart. BRIAN DART 12 after having been first duly sworn under oath, 13 14 was questioned and testified as follows: 15 DIRECT EXAMINATION 16 BY MR. KELLAHIN: 17 Q. Mr. Dart, for the record, sir, would you please state your name and occupation? 18 A. Brian Dart, landman. 19 20 Where do you reside, sir? 0. 21 Farmington, New Mexico. Α. 22 On previous occasions, have you qualified as an Ο. expert petroleum landman before the Division? 23 24 No, I have not. Α. 25 Ο. Summarize for us your education.

I have a Bachelor's degree in business 1 Α. 2 administration from the University of Oklahoma obtained in May of 2004. 3 Q. How long have you been employed by 4 5 ConocoPhillips/Burlington as a petroleum landman? A. A little over two years now. Before that I was 6 7 in our land administration department for two years. 8 With regards to the facts of this case, what has Ο. 9 been your responsibility? 10 A. I've been responsible for posing the project and following up, trying to acquire Petrohawk's interest and 11 12 bringing this hearing before you all. Q. At this point, have you and others on behalf of 13 14 ConocoPhillips consolidated on a voluntary basis the interest 15 owners in the two spacing units with the exception of one 16 party? 17 A. That is true. Q. And what is that party? 18 A. Petrohawk Properties, LP. 19 20 Q. And has it been your responsibility to try to 21 reach a voluntary agreement with Petrohawk? 22 A. Yes, it has. 23 We tender Mr. Dart as an expert petroleum 0. 24 landman. 25 Have we just had two Sooner landmen here MR. JONES:

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THE WITNESS: Back to back.

MR. JONES: Congratulations on your football team. THE WITNESS: Thank you. 6

5 MR. JONES: Mr. Dart qualifies as an expert as a 6 petroleum landman.

Q. (By Mr. Kellahin): Mr. Dart, let's turn to the exhibit book. Behind Tab 1 is the application. At the end of application, there's an additional insert. It's the last three pages of Exhibit Tab No. 1, and it's my certificate of mailing, the notice of hearing in this information. Have I utilized the correct entity and the address for Petrohawk Energy Corporation?

A. I believe record title shows in this as Petrohawk
Properties, LP, but they are doing business at the same
address. Actually, yes, I'm sorry. I see d/b/a here.

Q. So Petrohawk Energy Corporation d/b/a Petrohawk Properties, that is the ownership company that you're aware of that has the interest?

A. Yes.

Q. Let's turn past that to Exhibit No. 2. And let's orient the Examiner as to where the project is. Starting with the first display, identify this for us.

A. Okay. This is basically a locator map. In green, we have our federal units in the San Juan Basin.

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Outlined in the purple color is the city boundary of 1 2 Farmington. The city of Aztec is in red, and Bloomfield is in 3 brown. 4 And you can see just east of Aztec, three townships 5 will be our well location in 30 North 8 West, Section 2. 6 Ο. You're over in the area of the Navajo Reservoir? 7 Α. Uh-huh. 8 Q. Let's turn to the second display behind this tab 9 and look more closely at the locator map. 10 Α. This is simply a 9-section plat around Section 2, and it further shows that our well location is in the SW/4 of 11 12 Section 2. 13 Q. Okay. In Section 2, you have a combination of two different orientations for the spacing unit, one for the 14 15 Dakota and one for the Mesaverde? 16 A. Correct. 17 Q. Starting off, tell us which one is which. 18 The Dakota is the W/2, and the Mesaverde is the Α. S/2. 19 20 Q. Let's look at the Dakota in the W/2. By these 21 color symbols, is there another Dakota well in the W/2 of 22 Section 2? 23 Α. There is the State Com AM #37 in the NW/4. 24 Q. And how do we find that by the color code? 25 Α. It is the square with the light blue. And it's

kind of got a little circle in the middle. 1 2 Q. So the subject well bore in the Dakota would be a standup W/2 unit? 3 4 Α. Uh-huh. 5 Ο. And this would be the second well in the spacing unit? 6 7 Correct. Α. When we look at the S/2 of Section 2, then, we're 8 0. 9 dealing with the Mesaverde spacing unit? A. Correct. 10 11 0. Is there another Mesaverde well in that spacing 12 unit? 13 There is. In the SE/4, there is the State Α. 14 Com V18, and it is marked with the dark blue circle. 15 Q. Let's turn now to Exhibit Tab No. 3, and let's 16 look at how Section 2 is divided into the various tracks. 17 Basically, this is just a lease map, and it's Α. showing the State leases that comprise the two spacing units. 18 19 In yellow, we've indicated the leasehold in which 20 ConocoPhillips owns a full or partial working interest, and the 21 blue leasehold is where we do not yet -- we do not have the working interest. 22 23 The remaining party is Petrohawk. Do they have 0. any interest in the Mesaverde? 24 25 They do not. Α.

So their interest would, then, be confined just 1 0. 2 to the Dakota? 3 Α. True. Ο. 4 And that interest is derived in which tracks in the W/2 of Section 2? 5 A. It's in State lease E-5382, which is in the N/2, 6 NW and W/2, SW 7 Q. As part of this consolidation, has ConocoPhillips 8 9 been able to reach a voluntary operating agreement with all the other interest owners? 1011 A. We have. 12 As part of the agreement, have the parties agreed Q. 13 how to allocate costs and production between the Dakota and the Mesaverde? 14 15 A. They have. 16 Q. And what is that percentage? 17 For drilling, it's 40 percent in the Mesaverde Α. and 60 percent in the Dakota. 18 19 Is that common in the San Juan Basin at this 0. 20 time? That is our standard cost of Hocation basin-wide. 21 Α. And is that common for your company and other 22 Ο. companies? 23 24 To my knowledge, it is. Α. 25 Q. Let's turn to the tabulation in Exhibit Tab 3.

Beyond the plat, there's a tabulation that says Exhibit A. 1 2 That's Exhibit A from what? 3 This is the Exhibit A to the Joint Operating Α. 4 Agreement. It basically sets out the contract area, the 5 formations and the party's ownership in each spacing unit and 6 formation. 7 Can the Examiner use this Exhibit A to show Ο. 8 himself all the interest owners in each of the spacing units? 9 A. Yes. 10 0. And the percentages associated with those 11 interest owners? 12 A. Yes. 13 And as you look down the tabulation, I see in the 0. 14 approved column on the right "yes" to all these entities until I got to a "no," and that corresponds to Petrohawk Properties. 15 16 Α. True. 17 Ο. To the best of your knowledge, is this information accurate? 18 19 Α. It is. 20 Have you and others on behalf of ConocoPhillips Q. 21 attempted to obtain a voluntary agreement from Petrohawk? 22 Α. We have. 23 Q. Have you searched your files and prepared a 24 chronology of contacts? 25 Α. We have.

If we turn past Exhibit Tab No. 4, is this a 1 Ο. 2 chronology that you prepared from your files? It is. 3 Α. Ο. Give us the short version of the chronology. 4 5 What's the first contact with Petrohawk? In early November 2005, Todd Thornburg, a 6 Α. ConocoPhillips landman, sent a letter to all the working 7 8 interest owners proposing the operation -- proposing a new Joint Operating Agreement. Since that time, they formally 9 closed the well and all but Petrohawk has executed a JOA and 10 agreed to the operations. 11 Up until November of this year, we didn't have an 12 13 agreement with Petrohawk. We have a verbal agreement to farm in their interest, and the ball is in their court in terms of 14 15 preparing that term assignment. They have yet to do so, and we're skeptical that they will do so. 16 17 Q. From the chronology, it appears that your first 18 involvement was back in December of last year? A. Uh-huh. 19That's when you picked up the project? 20 Ο. 21 Α. Uh-huh. 22 Q. And since then you have tabulated in the sheet your various contacts with Petrohawk? 23 24 Right. We've sent a proposal out a few times to Α. 25 all the parties. Petrohawk did not respond to any proposal

1 until we made mention of the fact that we would pursue 2 compulsory pooling. That kind of got them to try to want to make a deal, per se. 3 So they were offered the opportunity to 4 0. participate under the Joint Operating Agreement? 5 Α. They were. 6 7 Ο. They declined to do that? 8 Α. Uh-huh. And as a substitute, they verbally agreed to farm 9 Ο. out their interest under certain terms? 10 Α. Correct. 11 12 And they have yet to provide those documents? Ο. 13 Α. Correct. Q. Let's turn to the specific wells -- letters that 14 15 were sent about this well. If you turn past the two-page tabulation, there's a letter dated September 30th of this year. 16 What does this represent? 17 18 Α. This is just a cover sheet to the new drill proposal. And with that, we sent a copy of the Joint Operating 19 20 Agreement for their execution if they want to participate. 21 When we turn past the first cover letter, there's 0. 22 another letter dated September 30th. What does this represent? 23 Α. This is just our standard ballot form, and it sets out the project. And behind it we have our standard AFE. 24 25 Q. So with this letter, it's your intent to give

1 them an AFE and an opportunity to participate in the drilling 2 completion and production? 3 Α. It is. What's the total estimated cost for the well? 4 Ο. It was about \$1.2 million. 5 Α. As part of your correspondence to Petrohawk, did 6 0. your letters include an itemized AFE? 7 Α. It did. 8 Do we find that here in this package? 9 Ο. 10 Α. It is. It's behind the ballot. 11 Ο. So if we look behind the two-page ballot, there's One is the Dakota cost and the other is the 12 two sheets: Mesaverde cost. 13 A. Uh-huh. 1415 Ο. How did you obtain the cost? Our engineering department provided that. 16 Α. 17 Is this done in the ordinary course of Ο. 18 ConocoPhillips' business in proposing these wells and developing AFEs? 19 20 Α. It is. 21 Is there an allocation of the cost between the Ο. 22 two zones? There is. 23 Α. 24 0. And how was that done? 25 A. We used the allocation methodology provided for

in the Joint Operating Agreement; split the cost between the 1 2 two zones accordingly. 3 Q. Have any of the parties that have agreed to the Joint Operating Agreement, have they objected to your costs? 4 5 No. Not that I'm aware of. Α. 6 Ο. Have they objected to the allocation of those 7 costs? 8 Not that I'm aware of. Α. 9 When we turn back past the AFE, then you have Q. 10 your confirmation that Petrohawk actually received these documents. 11 12 Α. Yes. 13 And then following that, you've got your list of 0. ownership addresses for the working interests? 14 15 Α. Uh-huh. Turn now to Tab No. 5. Identify for us what 16 Ο. 17 we're seeing here. This is the Joint Operating Agreement in place 18 Α. for the -- for all the Petrohawk. 19 20 Q. And this is the document that the other parties 21 have agreed to? 22 A. It is. 23 It's buried in here, but help me find it; I think Q. 24 if you turn past the document --25 It's Exhibit C of the Joint Operating Agreement. Α.

If you look at Exhibit C of the Joint Operating 1 Ο. 2 Agreement, and it's about the fourth page over --3 Α. It is. -- the COPAS instructions described them as 4 Ο. 5 agreed upon drilling and producing rates for overhead? 6 Α. Uh-huh. 7 What are those rates? 0. It's 5,000 for the drilling rates and \$599 for 8 Α. 9 the producing rate. 10 Q. Is it ConocoPhillips' practice to escalate those 11 rates pursuant to COPAS procedures? 12 A. It is. 13 What recommendation do you have for the Examiner 0. 14 for the overhead rates to apply in the pooling order to be 15 issued that would pool the Petrohawk interest? A. We would prefer to have the same -- the same 16 17 rates here and allow for an escalation. 18 Q. Very good. Let's turn now to the documents for 19 approval of the well bore. If you'll turn to Exhibit Tab 20 No. 6, let's took at the first document we're seeing there. 21 Α. This is simply the C-102, the first page. 22 And to the best of your knowledge, this is a Ο. standard well location? 23 A. It is. 24 25 Q. Has this APD been approved at this point, do you

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know? 1 2 It has. Α. 3 Q. And then the next two pages are other documents out of the --4 5 A. Well bore diagrams and Topo map and the surface 6 access. 7 Q. Okay. 8 MR. KELLAHIN: Mr. Examiner, that concludes my examination of Mr. Dart. We move the introduction of his 9 Exhibits Tab No. 1 through No. 6. 10 MR. JONES: Exhibits 1 through 6 will be admitted. 11 12 [Applicant's Exhibits 1 through 6 admitted into 13 evidence.] 14 EXAMINATION 15 BY MR. JONES: 16 Q. Does it say 40 percent drilling allocation to the 17 Dakota? 18 A. To the Mesaverde. 19 Q. To the Mesaverde. And 60 percent to the Dakota? 20 A. Uh-huh. Q. And Petrohawk hasn't addressed, or they haven't 21 expressly agreed to that either, have they? 22 No. That was one of their issues. 23 Α. 24 That was one of their issues? Q. 25 A. Yes.

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So that's why you're still asking for the order 1 0. 2 to say pooling of the Mesaverde and the Dakota, even though the Mesaverde is all -- everybody is signed up except Petrohawk has 3 not signed the allocation? 4 5 Α. Right. Okay. And you would apply for a diverse 6 Ο. interest, downhole commingle after this; is that correct? 7 Uh-huh. Α. 8 9 Ο. And you'd have to turn around and notify 10 everybody again for that? 11 Α. Right. 12 MR. JONES: I think I better pass it on to Mr. Brooks 13 here. 14 EXAMINATION BY MR. BROOKS: 15 Q. So you're going to work out your allocation of 16 production when you do your downhole commingle application? 17 Well, the production will be allocated based on 18 Α. the tests that we do in the well bore. 19 20 Q. That allocation will be approved -- will have to 21 be approved by the Division in your downhole commingle 22 application, right? A. I believe so. 23 Okay. I guess that covers it. 24 Ο. 25

FURTHER EXAMINATION 1 BY MR. JONES: 2 Q. Yeah, that would be sent to the district office 3 4 because that's a pre-approved. But it would still be diverse 5 interests, so you would still have to notify everybody. We'll notify everybody, yes, all the parties. 6 Α. 7 Is there any clouded title at all in the Ο. Mesaverde? I notice you didn't put 100 percent below all those 8 9 percentages there. 10 Α. I don't believe there's any clouded title. We 11 have a producing Mesaverde well in the NW, and we're 12 basically -- that's our ownership in this operation. So I don't believe there's any issues in the Mesaverde. 13 14 Ο. Basically, these are the -- it is the second well in both? 15 It is. Α. 16 17 In both? But Petrohawk, how do you handle 0. Petrohawk's interest on the first well in the Mesaverde? 18 A. Well, they just don't own an interest in the 19 20 Mesaverde. Their ownership is limited to the Dakota. Okay. Yeah, yeah. 21 Q. 22 MR. WARNELL: No questions. 23 MR. JONES: That's all we got. Thank you very much. 24 And let's take this Case 14248 under advisement. I do hereby certify that the foregoing is a complete record of the prochedings in 25 the Exeminer hearing of Ease No. heard by me on PAUL BACA PROFESSIONAL COURT REPORTERS _, Examiner 500 4th Street, NW, Suite 105, Albuquerque, NM 8716 Oll Conservation Division

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COUNTY OF BERNALILLO

I, JOYCE D. CALVERT, a New Mexico Provisional Reporter, working under the direction and direct supervision of Paul Baca, New Mexico CCR License Number 112, hereby certify that I reported the attached proceedings; that pages numbered 1-18 inclusive, are a true and correct transcript of my stenographic notes. On the date I reported these proceedings, I was the holder of Provisional License Number P-03. Dated at Albuquerque, New Mexico, 4th day of December, 2008.

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