STATE OF NEW MEXICO 1 - 41 2008 NOV 17 2 ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT 3 OIL CONSERVATION DIVISION 4 ORIGINAL 5 IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR 6 THE PURPOSE OF CONSIDERING: 7 APPLICATION OF WILLIAMS PRODUCTION CASE NO. 14241 COMPANY, LLC FOR NON-STANDARD GAS SPACING 8 AND PRORATION UNITS IN THE BASIN-MANCOS GAS POOL, ROSA UNIT, SAN JUAN AND RIO 9 ARRIBA COUNTIES, NEW MEXICO 10 . 11 12 13 REPORTER'S TRANSCRIPT OF PROCEEDINGS 14 EXAMINER HEARING 15 16 BEFORE: DAVID K. BROOKS, Legal Examiner RICHARD EZEANYIM, Technical Examiner 17 TERRY G. WARNELL, Technical Examiner 18 November 13, 2008 19 Santa Fe, New Mexico 20 This matter came on for hearing before the New Mexico 21 Oil Conservation Division, DAVID K. BROOKS, Legal Examiner, RICHARD EZEANYIM, Technical Examiner, and TERRY G. WARNELL, 2.2 Technical Examiner, on Thursday, November 13, 2008, at the New Mexico Energy, Minerals and Natural Resources Department, 23 1220 South Saint Francis Drive, Room 102, Santa Fe, New Mexico. 24 REPORTED BY: JOYCE D. CALVERT, P-03 Paul Baca Court Reporters 25 500 Fourth Street, NW, Suite 105 Albuquerque, New Mexico 87102

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INDEX Examiner Hearing CASE NO. 14241 PAGE APPEARANCES APPLICANT'S WITNESSES: MORGAN VERN HANSEN DIRECT EXAMINATION BY MS. MUNDS-DRY EXAMINATION BY MR. EZEANYIM APPLICANT'S EXHIBITS 1 through 4 REPORTER'S CERTIFICATE

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2	APPEARANCES
3	FOR THE APPLICANT:
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 the Application of Williams Production Company, LLC for a Non-standard Gas Spacing and Proration Units in the Basin-Mancos Gas Pool, Rosa Unit, San Juan and Rio Arriba 	
4 Basin-Mancos Gas Pool, Rosa Unit, San Juan and Rio Arriba	
5 Counties, New Mexico.	
6 Call for appearances.	
7 MS. MUNDS-DRY: Good morning, Mr. Examiners, Oce	an
8 Munds-Dry with the law firm of Holland and Hart here	
9 representing Williams Production Company, LLC, and I have	one
10 witness.	
11 MR. EZEANYIM: Yes, good. Any other appearances	,
12 please? Okay. May the witness stand to be sworn, please?	
13 {Witness sworn.]	
14 MS. MUNDS-DRY: Thank you.	
15 MORGAN VERN HANSEN	
16 after having been first duly sworn under oath,	
17 was questioned and testified as follows:	
18 DIRECT EXAMINATION	
19 BY MS. MUNDS-DRY:	
20 Q. Would you please state your full name for the	e
21 record?	
22 A. Morgan Vern Hansen.	
23 Q. Mr. Hansen, where do you reside?	
A. Tulsa, Oklahoma.	
25 Q. And by whom are you employed and what is you:	ב

1 position? A. Williams Production Company, LLC. I'm a senior 2 3 staff landman. Q. Have you previously testified before the Division 4 5 and were your credentials made a matter of record? A. Yes, they were. 6 7 Q. Are you familiar with the application that's been filed in this case? 8 9 A. Yes. 10 Q. And are you familiar with the status of the lands that are the subject area? 11 12 A. Yes. MS. MUNDS-DRY: We would tender Mr. Hansen as an 13 expert in petroleum land matters. 14 15 MR. EZEANYIM: Mr. Hansen is so qualified. 16 MS. MUNDS-DRY: Thank you, Mr. Examiner. 17 Q. (By Ms. Munds-Dry): Mr. Hansen, would you please summarize what Williams seeks with this application? 18 19 Α. We seek approval of non-standard spacing units for the Basin-Mancos pool within Rosa and to conform with the 20 21 units that were approved under R-2046 and that were amended by R-2406-A and B to be consistent with the Dakota spacing within 22 23 Rosa. Q. Thank you, Mr. Hansen. Would you please turn to 24 what's been marked as Exhibit No. 1? 25

1 Exhibit No. 1 is order R-2046. Α. 2 Ο. And I believe, Mr. Hansen, does it contain all the orders, 2046-A and B? 3 4 A. Yes, it does. Q. And let's discuss these briefly for the 5 Examiners. What is R-2046? What did it authorize in that 6 7 order? 8 A. R-2046 established non-standard proration units for Township 29, 30, 31 and 32 North, Ranges 4 through 9 West, 9 10 11 through 13 West for the Basin-Dakota gas pool. 11 Q. And then what was amended in R-2046-A? 12 A. R-2046-A deleted certain non-standard proration units and created certain non-standard probation units. 13 14 Ο. And in 2046-B, I believe Williams re-brought that 15 What did we do in that order? application. We corrected some of those units to reflect the 16 Α. 17 actual drilling patterns and the formation of the participating 18 areas within the Dakota formation in Rosa. 19 Q. Was Mr. Ezeanyim our Examiner, I belive, in that 20 hearing? 21 No, it was Mr. Brooks. Α. 22 Ο. I couldn't remember. 23 MS. MUNDS-DRY: Mr. Examiner, since we're going to be 24 referring so heavily to that case that was the result of 25 R-2046-B, we'd ask that you take Case No. 13939 -- we'd ask you

1 to take administrative notice. MR. EZEANYIM: Case No. 13939? 2 MS. MUNDS-DRY: Yes, sir. 3 MR. EZEANYIM: We will take administrative notice of 4 5 that case. MS. MUNDS-DRY: Thank you. 6 7 MR. EZEANYIM: Case No. 13939. (By Ms. Munds-Dry): Mr. Hansen, why does 8 Ο. Williams seek this application today? 9 10 Α. There are special pool rules for the Basin-Mancos which have 320-acre spacing up to four wells per spacing unit 11 12 with 660-foot setbacks. And, again, wells within the federal 13 exploratory units get an exception for the setback requirements 14within participating areas. Q. And I know we discussed this just in the last 15 16 case, but for this record, why does Williams seek this order? 17 A. For ongoing Mancos development, and we intend to commingle this Mancos with the production from the Dakota as 18 well as trimmingling some wells with the Mesaverde. 19 20 Q. And I believe you stated before that the 21 Basin-Mancos pool rules are consistent with the pool rules for the Dakota and the Mesaverde? 22 23 A. Yes, they are. 24 If this order is not approved, the application is 0. not approved today, would Williams then need to seek a 25

1 non-standard spacing unit for each well it seeks to complete in 2 the Mancos? A. Within certain areas within Rosa, yes -- along 3 4 the Township borders of 31 North 5 and 6 West, along the Township borders of 31 and 32 North 6 West and within the 5 Township of 31 North, 4 West, we would. 6 7 Q. Would you, Mr. Hansen, turn to Exhibit No. 2 and 8 identify what we've provided the Examiners today? 9 A. Exhibit No. 2 is the spacing units as set forth in R-2046 as amended by R-2046-B. 10 11 2046-A, you mean? 0. 12 Α. 2046-A. I'm sorry. Mr. Hansen, it's sort of hard to read from this 13 Ο. 14 map just because the colors are kind of hard. Generally where 15 are the boundaries? Are they identified by a color? 16 A. Yeah. The boundaries for the R-2046 and 2046-A 17 are indicated in green. 18 MS. MUNDS-DRY: Can you see that, Mr. Ezeanyim? It's difficult. It's faint green. 19 20 MR. EZEANYIM: It's faint green. 21 MS. MUNDS-DRY: It's faint green. 22 MR. EZEANYIM: Yeah, I see it. 23 THE WITNESS: It would be Sections 1, 2, 3, 4 and 5 24 of 31 North, 6 West, 12, 13, 24 and 25 of 31 North, 6 West, and 25 this is going to be difficult for me reading on this map. But

Section 7, 12, 13 -- I'm sorry. Sections 6, 7, 12 -- 6, 7, 18, 1 2 19, 30 and 31 -- I apologize -- in 31 North, 5 West. Sections 1 through 6 and 7, 18, 19, 30 and 31 North in Township 31 3 North, 4 West. 4 Q. Okay. And then maybe keeping Exhibit No. 2 out, 5 would you then turn to Exhibit No. 3 and review this for the 6 7 Examiners? Exhibit No. 3 mainly changed those spacing units 8 Α. 9 along the border of Township 31 North, 5 and 6 West. And our 10 intention there to create evenly spaced proration units along that township border, a lay-down spacing units. And then also 11 12 in 31, 6 in those sections that did not have existing -- or the Dakota wells that Dakota could be put on lay-downs, we did, 13 14 which would be Sections 1, 12 and Section 25 was already spaced 15 correctly. 16 We left Sections 13 and 24 as is due to the existing 17 co-development within the Rosa unit. And also there were a 18 couple of individual, non-standard proration units that were filed outside of R-2046-A -- 2046, 2046-A and B. 19 20 Q. So Mr. Hansen, what we did here was basically 21 clean up in accordance with the drilling patterns in this area 22 with the participating areas and then with individual administrative or hearing orders that occurred outside of 23 24 R-2046 to reflect the reality of what was taking place out 25 there?

Yes. 1 Α. 2 Ο. And then there's a second page here in Exhibit 3. This looks like this is just a blow-up of what was shown on the 3 4 first page? Α. Yes. 5 Okay. So just to be clear for the Examiners, 6 Q. 7 we're seeking all the non-standard spacing units that were captured in Orders R-2046, 2046-A and then those that were 8 amended by 2046-B? 9 Α. Yes. 10 Okay. 11 Q. 12 There was one individual spacing order that Α. covered, I believe, Section 1 of 31 North, 6 West. I thought I 13 had that written down, but I do not have that one. 14 The effect of that was to establish all of Section 1 15 16 as a spacing unit of 31 North, 6 West. Q. And I believe Mr. Hansen, if you look at page 3 17 of Order R-2046-B, Finding J, that Section 1 is discussed. 18 The Division approved that unit in Order No. R-11841. Is that the 19 20 one you're referring to? 21 A. Yes. 22 0. So we'd also like to also make sure should that spacing unit is also authorized for Mancos production; is that 23 24 correct? 25 A. Yes.

Okay. Will the approval of these non-standard 1 Ο. 2 spacing units affect interest owners in the unit? 3 A. No, they will not. 4 Q. And who did we provide notice of this application 5 to? 6 Α. To all Rosa interest owners. 7 Q. Because, as Mr. Brooks said, it never hurts to be overinclusive, right? 8 9 Α. That's correct. Will approval of this application be in the best 10 Ο. 11 interests of conservation and the prevention of waste and the 12 protection of correlative rights? 13 A. Yes, it will. 14 And is Exhibit No. 4 a copy of the Notice of 0. 15 Affidavit, Exhibit A showing the parties, the certified letters 16 and the Affidavit of Publication? A. Yes, it is. 17 18 Ο. Were Exhibits 1 through 4 prepared by you and under your direct supervision? 19 20 A. Yes, they were. 21 MS. MUNDS-DRY: Mr. Ezeanyim, we would move the 22 admission of Exhibits 1 through 4 into evidence. 23 MR. EZEANYIM: Exhibits 1 through 4 will be admitted. 24 [Applicant's Exhibits 1 through 4 admitted into 25 evidence.]

MS. MUNDS-DRY: And that concludes my direct 1 examination of Mr. Hansen. 2 MR. EZEANYIM: Very good. Mr. Brooks? 3 MR. BROOKS: No questions. 4 MR. EZEANYIM: Mr. Warnell? 5 MR. WARNELL: No questions. 6 EXAMINATION 7 BY MR. EZEANYIM: 8 Q. I don't know. I just wanted to get a grip of 9 what you wanted in this case. Let me tell you what I think you 10 11 are looking for and then correct me if I'm wrong? 12 This is what I think you are looking for in this particular case: That Division Order R-2046 approved certain 13 non-standard locations in the Basin-Dakota, right? 14 A. Non-standard proration units. 15 16 0. Yeah. In the Basin-Dakota, right? 17 Α. Yes. Now, in the first case, you abolished these 18 0. Gallup pools to enable you to produce from the Mancos. Now you 19 want those non-standard proration units to be approved in the 20 21 Mancos so that sometimes you might even try to commingle them 22 with the Mesaverde, the Dakota and the Mancos; is that what you are thinking? What are you asking for? 23 24 That is one of the reasons. The other reason is A. so that we do not have to file individual spacing units as 25

non-standard spacing for each of the wells as we drill them. 1 2 We would like them pre-approved. I didn't see that in there. 3 Ο. I believe I stated that in my testimony. Α. 4 5 Ο. Okay. So you want all those to be pre-approved so that once the order is issued, then you can drill wells in 6 7 the non-standard proration units to be covered with that order; is that what you're saying? 8 9 That's correct, so that we do not have to do Α. 10 individual applications for each of these spacing units. 11 Q. Okay. But what I said, is that why you came in 12 to ask for this approval of non-standard units in the Mancos? Is that why? Because it's already in the Dakota? 13 14 Α. Yes. 15 Q. Okay. I think I wanted to make sure what you 16 wanted. Okay. 17 MR. EZEANYIM: Anything further? 18 MR. BROOKS: No. 19 MR. EZEANYIM: Do you have anything further? 20 MS. MUNDS-DRY: We have nothing further. We ask that 21 the matter be taken under advisement. 22 MR. EZEANYIM: Very good. At this time, Case No. 1 da hera 23 14241 will be taken under advisement. ¢ Ç the R the . 24 This concludes the docket for today 25

PAUL BACA PROFESSIONAL COURT REPORTERS

REPORTER'S CERTIFICATE 1 2 I, JOYCE D. CALVERT, Provisional Court Reporter for 3 the State of New Mexico, do hereby certify that I reported the 4 foregoing proceedings in stenographic shorthand and that the 5 foregoing pages are a true and correct transcript of those 6 7 proceedings and was reduced to printed form under my direct supervision. 8 9 I FURTHER CERTIFY that I am neither employed by nor 10 related to any of the parties or attorneys in this case and 11 that I have no interest in the final disposition of this 12 proceeding. 13 DATED this 13th day of November, 2008. 14 15 16 17 18 19 20 JOYCE D. CALVERT New Mexico P-03 21 License Expires: 7/31/09 22 23 24 25

STATE OF NEW MEXICO 1)) 2 COUNTY OF BERNALILLO) 3 I, JOYCE D. CALVERT, a New Mexico Provisional 4 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 5 1-13 inclusive, are a true and correct transcript of my stenographic notes. On the date I reported these proceedings, 6 I was the holder of Provisional License Number P-03. 7 Dated at Albuquerque, New Mexico, 13th day of November, 2008. 8 9 10 Joyce D. Calvert 11 Provisional License #P-03 License Expires: 7/31/09 12 13 14 15 16 Paul Baca, RPR Certified Court Reporter #112 17 License Expires: 12/31/08 18 19 20 21 22 23 24 25