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

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

APPLICATION OF CHISHOLM ENERGY CASE NO. 16456, OPERATING, LLC FOR COMPULSORY POOLING, 16457 EDDY COUNTY, NEW MEXICO.

REPORTER'S TRANSCRIPT OF PROCEEDINGS

EXAMINER HEARING

November 15, 2018

Santa Fe, New Mexico

BEFORE: MICHAEL McMILLAN, CHIEF EXAMINER KEITH W. HERRMANN, LEGAL EXAMINER

This matter came on for hearing before the New Mexico Oil Conservation Division, Michael McMillan, Chief Examiner, and Keith W. Herrmann, Legal Examiner, on Thursday, November 15, 2018, at the New Mexico Energy, Minerals and Natural Resources Department, Wendell Chino Building, 1220 South St. Francis Drive, Third Floor Meeting Room, Santa Fe, New Mexico.

REPORTED BY: Mary C. Hankins, CCR, RPR New Mexico CCR #20 Paul Baca Professional Court Reporters 500 4th Street, Northwest, Suite 105 Albuquerque, New Mexico 87102 (505) 843-9241

Page 2 1 APPEARANCES 2 FOR APPLICANT CHISHOLM ENERGY OPERATING, LLC: 3 JORDAN L. KESSLER, ESQ. HOLLAND & HART, LLP 110 North Guadalupe, Suite 1 4 Santa Fe, New Mexico 87501 5 (505) 988-4421 jlkessler@hollandhart.com б 7 FOR INTERESTED PARTY COG OPERATING: 8 WILLIAM F. CARR, ESQ. HOLLAND & HART, LLP 9 110 North Guadalupe, Suite 1 Santa Fe, New Mexico 87501 (505) 988-4421 10 wfcarr@hollandhart.com 11 12 13 INDEX 14 PAGE Case Numbers 16456 and 16457 Called 3 15 16 Cases Presented by Affidavits 3 17 Proceedings Conclude 10 18 Certificate of Court Reporter 11 19 20 21 EXHIBITS OFFERED AND ADMITTED 22 Chisholm Energy Operating, LLC Exhibit Numbers 1 through 4 7 23 24 25

Page 3 (9:07 a.m.) 1 EXAMINER McMILLAN: I'd like to call Case 2 16456, application of Chisholm Energy Operating, LLC for 3 compulsory pooling, Eddy County, New Mexico. 4 Is this going to be combined with 16457? 5 6 MS. KESSLER: Yes. 7 EXAMINER McMILLAN: Which is the 8 application of Chisholm Energy Operating, LLC for 9 compulsory pooling, Eddy County, New Mexico. 10 Call for appearances. 11 MS. KESSLER: Mr. Examiner, Jordan Kessler 12 from the Santa Fe office of Holland & Hart. 13 EXAMINER McMILLAN: Any other appearances? Please proceed. 14 MS. KESSLER: Mr. Examiner, I believe that 15 16 COG Operating had entered an appearance in these cases. 17 EXAMINER McMILLAN: Are you COG Operating? 18 MR. CARR: Yes. 19 EXAMINER McMILLAN: Thank you. 20 MS. KESSLER: Mr. Examiner, if I may 21 proceed? 22 These two cases will also be presented by affidavit. I've included, as Exhibit 1, the affidavit 23 from Luke Shelton, who is a landman who has been 24 25 previously sworn in and whose credentials as an expert

1 in petroleum land matters accepted.

2 He, in paragraphs five and six, identifies the two spacing units. One is a Bone Spring east 3 half-east half spacing unit. That's in Section 5 of 4 5 Township 22 South, Range 26 East, Eddy County. And that б spacing unit will be dedicated to the Mudshark 5 State 7 3BS #1H well. And Case Number 16457 is a 320.46-acre 8 horizontal spacing unit in the Wolfcamp Formation. 9 Exhibit A1 includes the two C-102s for each 10 of the proposed wells. These wells, as Mr. Shelton 11 states in his affidavit, have not -- have been 12 submitted, but not yet approved, so there is not an APD They have been placed into two different pools. 13 number. The Bone Spring well, as reflected in the C-102, is in 14 the Happy Valley; Bone Spring Pool. That's Pool Code 15 16 96347. And the Mudshark 5 State Wolfcamp #2H well is in the Purple Sage; Wolfcamp Pool, and that's 98220. 17 18 He goes on to say, in paragraphs 8 and 9, 19 that each of the completed intervals is orthodox. 20 He identifies the interest owners that he seeks to pool in Exhibits B and C. He's only seeking to 21 22 pool a single working interest owner, and that's Premier Oil & Gas. And that's for each of the two spacing 23 24 units. He includes, in Exhibit 1D, the 25

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Page 5 well-proposal letter sent to that working interest 1 2 owner, and he also includes the costs of 7,500 per month while drilling and 750 per month while producing. 3 4 That's in paragraph 16. 5 I will point out, Mr. Examiner, that Mr. Shelton also states that the working interest owners 6 7 were locatable and overriding royalty interest owners. 8 And there were two overriding royalty interest owners 9 who were sent notification of this hearing and whose letters have not yet been delivered. And those two 10 interest owners are -- overriding royalty interest 11 12 owners are identified in paragraph 13. 13 I'll move on to the geology affidavit of Mr. George Roth, unless you have any questions for me, 14 Mr. Examiner. 15 16 EXAMINER McMILLAN: Okay. Where's the return receipt for the working interest owner you're 17 attempting to --18 19 MS. KESSLER: Let's see. My notice, 20 Mr. Examiner, is included in Exhibit 3. 21 EXAMINER McMILLAN: Do you have a return 22 receipt from the working interest owner? 23 MS. KESSLER: We do, yes. The working 24 interest owner we do have a return receipt from, and 25 that's reflected on the fourth page of Exhibit 3. It

Page 6 says, "Your item was delivered." 1 2 Per Exhibit 3, the third page says, in line 2, "Premier Oil & Gas." And then in the same line 2, on 3 page 4, it says, "Your item was delivered." 4 5 EXAMINER McMILLAN: Do you see it? 6 EXAMINER HERRMANN: Yes, on line 2, to 7 Premier Oil & Gas. It was delivered at 10:33 a.m. on 8 October 4th in Richardson, Texas. 9 EXAMINER McMILLAN: Let's make sure we have 10 it. 11 MS. KESSLER: I'll move on. Exhibit 2 is the affidavit of the 12 geologist, George Roth. He identifies the 3rd Bone 13 Spring target for the initial well for the Bone Spring 14 spacing unit, and he identifies the Wolfcamp target for 15 the Wolfcamp well. He's included a structure map for 16 each of the two sections -- I'm sorry -- each of the two 17 18 spacing units, Mr. Examiner, as well as cross-section 19 exhibits. 20 He has identified in paragraph nine that each of the tracts will contribute more or less equally 21 22 to production and that he believes -- he states in 23 paragraph eight that the orientation of the wells places 24 them perpendicular to the known stress direction in the 25 area and will be the most appropriate way to develop the

Page 7 1 acreage. As I mentioned, Exhibit 3, Mr. Examiner, is 2 my affidavit with a letter both to the working interest 3 owners and overriding royalty interests. It's providing 4 notice of this hearing. 5 And Exhibit 4 is an Affidavit of 6 7 Publication for each of the two cases. 8 I'll move admission, Mr. Examiner, of 9 Exhibits 1 through 4. EXAMINER McMILLAN: Exhibits 1 through 4 10 11 may now be accepted as part of the record. 12 (Chisholm Energy Operating, LLC Exhibit 13 Numbers 1 through 4 are offered and admitted into evidence.) 14 EXAMINER McMILLAN: Okay. I'm looking at 15 16 the cross section. 17 MS. KESSLER: For the Bone Spring or for the Wolfcamp, or you can just tell me what tab you're 18 19 looking at? 20 EXAMINER McMILLAN: I'm looking at the 3rd Bone Spring, structural cross section, A, A prime, 3rd 21 22 Bone Spring. So your target interval is right on the base of the lower -- is on the base of the 3rd Bone 23 24 Spring-Wolfcamp, right? 25 MS. KESSLER: That's my understanding,

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Mr. Examiner. I can clarify that. 1 2 EXAMINER McMILLAN: Because crudely looking at the Chisholm Energy Westside 4 State Com, it looks 3 like the target interval may be a little bit of both, 4 5 Wolfcamp and Bone Spring. And my question is -- I want to make sure there is uniform interest in the mineral 6 7 estate between the Bone Spring and the Wolfcamp. 8 MS. KESSLER: There is, Mr. Examiner, and that's reflected in Exhibits C and D to Attachment 1. 9 10 EXAMINER McMILLAN: Exhibits --11 MS. KESSLER: So you'll see, Mr. 12 Examiner -- it's B and C. 13 EXAMINER McMILLAN: Okay. Hold on. Okay. I'm looking at B and C. 14 MS. KESSLER: Yes, Mr. Examiner. 15 And 16 you'll see that the exact same owners own exact same percentages in the Bone Spring and the Wolfcamp 17 Formations. 18 19 EXAMINER McMILLAN: Okay. So basically if 20 that -- if, when you complete it, it goes in the -- so you're saying that looking at the Bone Spring, if you --21 if there is production contribution from the Wolfcamp, 22 23 there'll be no adversely affected parties because of 24 uniform ownership in the mineral estate? Is that what 25 you're saying?

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Page 9 MS. KESSLER: That's correct, Mr. Examiner. 1 2 And if you would like testimony to that effect, I can solicit that from the landman. 3 EXAMINER McMILLAN: Well, but your 4 5 testimony is that they're identical, identical ownership б in the mineral estate. 7 MS. KESSLER: Correct, Mr. Examiner. 8 That's what's in the affidavits. I can't testify on 9 behalf of the landman, so I'm just reading what's in his affidavit. 10 11 EXAMINER McMILLAN: Okay. Well, that's an 12 accepted part of the record. And you're assuming that then? That's a safe statement to make? 13 MS. KESSLER: That is a safe statement to 14 make, that ownership is identical. 15 16 MR. HERRMANN: Just to clarify: This is what's been presented in the exhibits and the affidavit 17 18 that were sworn. 19 EXAMINER McMILLAN: I always get the 20 completing right on top of the base and the top of the other formation -- I always like to make sure ownership 21 is identical. 22 23 No APIs, correct? 24 MS. KESSLER: Correct. 25 EXAMINER McMILLAN: Do you have any

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Page 10 questions? MR. CARR: No questions. MS. KESSLER: I would ask that these cases be taken under advisement. EXAMINER McMILLAN: Case Numbers 16456 and 16457 shall be taken under advisement. (Case Numbers 16456 and 16457 conclude, 9:20 a.m.)

Page 11 1 STATE OF NEW MEXICO 2 COUNTY OF BERNALILLO 3 CERTIFICATE OF COURT REPORTER 4 5 I, MARY C. HANKINS, Certified Court Reporter, New Mexico Certified Court Reporter No. 20, 6 7 and Registered Professional Reporter, do hereby certify 8 that I reported the foregoing proceedings in 9 stenographic shorthand and that the foregoing pages are a true and correct transcript of those proceedings that 10 were reduced to printed form by me to the best of my 11 12 ability. 13 I FURTHER CERTIFY that the Reporter's Record of the proceedings truly and accurately reflects 14 the exhibits, if any, offered by the respective parties. 15 16 I FURTHER CERTIFY that I am neither employed by nor related to any of the parties or 17 18 attorneys in this case and that I have no interest in 19 the final disposition of this case. 20 DATED THIS 18th day of December 2018. 21 22 MARY C. HANKINS, CCR, RPR 23 Certified Court Reporter New Mexico CCR No. 20 Date of CCR Expiration: 12/31/2018 24 Paul Baca Professional Court Reporters 25