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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 COG OPERATING, LLC CASE NO. 20183 FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

## REPORTER'S TRANSCRIPT OF PROCEEDINGS

EXAMINER HEARING

February 21, 2019

Santa Fe, New Mexico

BEFORE: MICHAEL McMILLAN, CHIEF EXAMINER TERRY WARNELL, TECHNICAL EXAMINER DAVID K. BROOKS, LEGAL EXAMINER

This matter came on for hearing before the New Mexico Oil Conservation Division, Michael McMillan, Chief Examiner, Terry Warnell, Technical Examiner, and David K. Brooks, Legal Examiner, on Thursday, February 21, 2019, at the New Mexico Energy, Minerals and Natural Resources Department, Wendell Chino Building, 1220 South St. Francis Drive, Porter Hall, Room 102, 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 COG OPERATING, LLC: 3 ADAM G. RANKIN, ESQ. HOLLAND & HART, LLC 4 110 North Guadalupe, Suite 1 Santa Fe, New Mexico 87501 5 (505) 988-4421 agrankin@hollandhart.com 6 7 FOR INTERESTED PARTY MRC PERMIAN COMPANY: 8 JAMES G. BRUCE, ESQ. Post Office Box 1056 9 Santa Fe, New Mexico 87504 (505) 982-2043 10 jamesbruc@aol.com 11 12 INDEX 13 PAGE Case Number 20183 Called 3 14 Case Presented by Affidavit 3 15 16 Proceedings Conclude 11 17 Certificate of Court Reporter 13 18 19 20 EXHIBITS OFFERED AND ADMITTED COG Operating, LLC Exhibit Numbers A1 through A6 21 б 22 COG Operating, LLC Exhibit Numbers B1 through B4 9 COG Operating, LLC Exhibit Numbers C 23 10 COG Operating, LLC Exhibit Numbers D 24 10 25

Page 3 (3:48 p.m.) 1 2 EXAMINER McMILLAN: I'd like to call Case Number 20183, application of COG Operating, LLC for 3 compulsory pooling, Eddy County, New Mexico. 4 5 Call for appearances. MR. RANKIN: Mr. Examiner, this is Adam 6 7 Rankin, with the law firm of Holland & Hart, here on 8 behalf of COG Operating, LLC, the Applicant in this 9 This case will be presented by affidavit. case. 10 EXAMINER McMILLAN: Any other appearances? 11 MR. BRUCE: Mr. Examiner, Jim Bruce 12 representing MRC Permian Company. I have no witnesses. 13 EXAMINER McMILLAN: Okay. Please proceed. MR. RANKIN: Mr. Examiner, before you is an 14 exhibit packet containing the affidavits of COG's 15 16 landman and geologist. 17 Turning to the first exhibit, which is marked as Tab A, is the affidavit of Mr. James Martin, 18 19 who has previously testified before the Division and had 20 his credentials as an expert in petroleum land matters accepted as a matter of record. In his affidavit, 21 Mr. Martin reviews the parties that COG is seeking to 22 23 pool in this case. It consists of working interest 24 owners, royalty owners, overriding royalty owners, 25 unleased mineral interest owners and owners of some

unmarketable title. In this case COG is seeking to pool all these uncommitted interest owners in the Wolfcamp to create a 640-acre horizontal spacing unit in the lands that he's identified. This spacing unit will be dedicated to the Howitzer Federal Com #602H, 603H, 605H and 606H wells.

7 Behind Mr. Martin's affidavit, Exhibit 8 Numbers 1, 2, 3, 4, are copies of the C-102s relating to each of the wells that are proposed for the spacing 9 unit. This spacing unit in the Wolfcamp here is a 10 11 Purple Sage; Wolfcamp Pool. The wells proposed and the completed intervals will remain wholly within the 12 required setbacks for the special pool rules for the 13 Wolfcamp; Purple Sage. These wells will be 14 simultaneously drilled and completed, so COG is asking 15 16 for enough time to drill the initial wells, so 120 days -- rather than 120 days, they're asking for 365 17 18 days, so one year. 19 EXAMINER BROOKS: We give everybody that. 20 MR. RANKIN: That is my understanding. There are no depth severances within this 21 22 acreage within the Wolfcamp Formation. 23 Exhibit A5 is a copy -- is the land exhibit 24 depicting the tracts and the ownership by tract, as well

as the recapitulation of the ownership across the entire

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spacing unit. That exhibit identifies the parties that 1 2 COG is seeking to pool and the working interests. The second page of that exhibit identifies, in addition to 3 the working interest owners on the prior page, the 4 5 additional parties who require pooling either because 6 their contract doesn't -- the document that controls 7 their interest doesn't give them the authority to pool 8 or for unmarketable title reasons.

9 Exhibit 6 is a copy of the well-proposal letter that was sent to the working interest owners. 10 11 Behind that well-proposal letter is a copy of the AFE 12 reflecting the cost estimates that COG anticipates for drilling and completing the well. Mr. Martin testifies 13 that those costs are consistent with what COG and other 14 operators have incurred to drill similar wells in the 15 16 Wolfcamp in the area. There are no unlocatable interest The cost that COG seeks here is for 17 owners. 18 administration of -- while drilling is \$8,000 a month 19 and while producing, \$800 a month. Mr. Martin testifies 20 that those costs are consistent with what other operators are charging for administrative overhead in 21 the area of similar wells. 22 23 With that, Mr. Examiner, I would tender the 24 admission of Exhibits Al through A6 into the record. 25 EXAMINER McMILLAN: Jim?

Page 6 MR. BRUCE: No objection. 1 2 EXAMINER McMILLAN: Exhibits A1 through A6 3 may now be accepted as part of the record. Cross? 4 5 (COG Operating, LLC Exhibit Numbers A1 through A6 are offered and admitted into 6 7 evidence.) 8 EXAMINER McMILLAN: Okay. So you pooled the working interests, unmarketable title, overrides. 9 What about royalty interests? 10 11 MR. RANKIN: So, Mr. Examiner, in this case 12 some of the royalty interests do not permit pooling as 13 many acres as COG is requesting here, so that's the reason why they're being pooled. 14 15 EXAMINER McMILLAN: So it's royalty and 16 overrides? 17 MR. RANKIN: Uh-huh. 18 EXAMINER BROOKS: Okay. Where is that 19 list? 20 MR. RANKIN: It should be on the back of Exhibit A5, the second page of the exhibit. 21 22 EXAMINER BROOKS: You've got unleased 23 mineral owners. You've cost-free revenue interests. 24 That's your royalties? 25 MR. RANKIN: Right.

Page 7 EXAMINER BROOKS: One of them is RI. 1 2 That's the only one, seems like, right? 3 MR. RANKIN: That's my understanding, as it's listed here. 4 5 EXAMINER BROOKS: All the others are pooling cases or else they own it all? 6 7 MR. RANKIN: Right. The only parties that 8 COG is seeking to pool are those identified here. The 9 only royalty interests are the ones identified. The others are overrides. 10 11 EXAMINER BROOKS: Okay. 12 EXAMINER McMILLAN: What? I didn't 13 understand. So you're compulsory pooling the overrides? MR. RANKIN: And the one royalty interest 14 that's identified on that chart. 15 16 EXAMINER McMILLAN: Okay. And the unleased mineral interest owners? 17 18 MR. RANKIN: Right. 19 EXAMINER McMILLAN: And the working 20 interest owners? 21 MR. RANKIN: Correct. And then the 22 unmarketable title owners. 23 EXAMINER BROOKS: The unmarketable title 24 owners are always in one or the other categories, as 25 they should be. The only reason to bring those in is to

Page 8 bring in the people -- to be sure it extends to the 1 2 people who own that interest if the people who are named don't. 3 4 MR. RANKIN: Correct. That's my 5 understanding. EXAMINER BROOKS: I think your 6 7 understanding is correct. 8 MR. RANKIN: So with that, Mr. Examiner, I'd like to move on to Exhibit B, which is the affidavit 9 of Mr. Matt Fisher, who is the geologist who reviewed 10 and conducted the study of the lands of the spacing unit 11 12 here. Mr. Fisher has previously testified before the Division and had his credentials as an expert in 13 petroleum geology accepted as a matter of record. 14 Mr. Fisher reviews in his affidavit his analysis and 15 16 study of the lands. 17 Exhibit B1 is a copy of a location map identifying the proposed spacing unit and wells, along 18 19 with COG's acreage and other Wolfcamp-producing wells in 20 the area. Exhibit B2 is a copy of the structure map 21 22 just overlaying the Wolfcamp Formation with 25-foot contour intervals. 23 24 Exhibit 3 is a copy of the overlay of the 25 A to A prime line of cross section, which is reflected

Page 9 in stratigraphic cross section Exhibit B4. Mr. Fisher 1 reviews his analysis and identifies no pinch-outs, 2 geologic impediments or other issues that would prevent 3 development of a horizontal well across this acreage. 4 5 In his opinion, each tract comprising the area will be productive and contribute more or less 6 7 equally to production from the wellbore. He further 8 testifies that the proposed target interval is 9 consistent across the entire spacing unit and that granting the application is in the best interest of 10 11 conservation, the prevention of waste and the protection 12 of correlative rights. 13 Mr. Examiner, I would tender the admission of Exhibits B1 through B4, that they be made a matter of 14 record. 15 16 MR. BRUCE: No objection. 17 EXAMINER McMILLAN: Exhibits B1 through B4 18 may now be accepted as part of the record. 19 (COG Operating, LLC Exhibit Numbers B1 20 through B4 are offered and admitted into 21 evidence.) 22 MR. RANKIN: Any questions about anything in the affidavits I might answer? 23 24 EXAMINER McMILLAN: Any questions? 25 EXAMINER WARNELL: No questions.

Page 10 1 EXAMINER BROOKS: No questions. 2 EXAMINER McMILLAN: No questions. 3 MR. RANKIN: Mr. Examiner, Exhibit C in the exhibit packet before you is a copy of the affidavit 4 5 that I prepared reflecting that we provided notice to the parties that COG provided us. The second page of 6 7 that exhibit is the letter that went out to each of the 8 interest owners, you know, giving notice of today's 9 hearing. The subsequent page is a copy of the United States Postal Service tracking information reflecting 10 that each of the parties identified were sent notice. 11 12 The last page of the exhibit is a -- sorry. 13 Exhibit D is a copy of the Notice of Publication reflecting that we identified each of the 14 15 notice parties by name. That was published in the 16 newspaper in the county where the well is located. 17 I ask now at this time that Exhibits C and D be accepted as a matter of record. 18 19 EXAMINER McMILLAN: Jim? 20 MR. BRUCE: No objection. 21 EXAMINER McMILLAN: Exhibits C and D may now be accepted as part of the record. 22 23 (COG Operating, LLC Exhibits C and D are 24 offered and admitted into evidence.) 25 MR. RANKIN: Unless the examiner has any

Page 11 questions, I ask that Case Number 20183 be taken taken 1 under advisement by the Division. 2 3 EXAMINER McMILLAN: No objection? MR. BRUCE: No objection. 4 5 EXAMINER McMILLAN: 20183 may now be taken б under advisement. 7 (Case Number 20183 concludes, 4:00 p.m.) 8 MR. McMILLAN: I will do my affidavit cases 9 in a flash. Mr. Brooks is going to complain that I'm talking too fast, and Mary's going to want to kill me, 10 11 but I'm happy to do those three very quickly. 12 EXAMINER McMILLAN: Which ones? 13 MR. McMILLAN: They're the last five on the docket. 14 EXAMINER BROOKS: As long as you don't 15 16 cause Mary to retire. 17 MR. McMILLAN: See, I'll be careful to stay on this side of that line. 18 19 They're 82 through 86 on the docket. And 20 I'm not trying to jump the line. I think Adam could probably wrap up. I just wanted you to know that after 21 22 Adam, it's just me, and I can do it. 23 MR. RANKIN: I have one case left that's 24 two wells, consolidated case. 25 MR. McMILLAN: I say get it done.

Page 12 MR. RANKIN: I have two cases that are consolidated. EXAMINER BROOKS: Oh, I thought you said you had one case that was two hours long. MR. RANKIN: I definitely did not say that. (Discussion off the record.) EXAMINER McMILLAN: Let's come back at 8:30. Hearing's adjourned. (The proceedings conclude, 4:02 p.m.) 

Page 13 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 27th day of March 2019. 21 22 MARY C. HANKINS, CCR, RPR 23 Certified Court Reporter New Mexico CCR No. 20 Date of CCR Expiration: 12/31/2019 24 Paul Baca Professional Court Reporters 25