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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:

CASE NO. 15991

APPLICATION OF MEWBOURNE OIL COMPANY FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

REPORTER'S TRANSCRIPT OF PROCEEDINGS

EXAMINER HEARING

March 8, 2018

Santa Fe, New Mexico

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

This matter came on for hearing before the New Mexico Oil Conservation Division, Michael McMillan, Chief Examiner, and David K. Brooks, Legal Examiner, on Thursday, March 8, 2018, 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 MEWBOURNE OIL COMPANY: 3 JAMES G. BRUCE, ESQ. Post Office Box 1056 Santa Fe, New Mexico 87504 4 (505) 982-2043 5 jamesbruc@aol.com б 7 INDEX 8 9 PAGE Case Number 15991 Called 3 10 11 Mewbourne Oil Company's Case-in-Chief: Witnesses: 12 13 Joshua G. Anderson: 14 Direct Examination by Mr. Bruce 3 Cross-Examination by Examiner McMillan 10 15 Charles Crosby: 16 Direct Examination by Mr. Bruce 11 17 18 Proceedings Conclude 15 19 Certificate of Court Reporter 16 20 21 EXHIBITS OFFERED AND ADMITTED 22 Mewbourne Oil Company Exhibit Numbers 1 through 9 10 23 Mewbourne Oil Company Exhibit Numbers 10 through 17 14 24 25

Page 3 (9:28 a.m.) 1 2 EXAMINER McMILLAN: Looks like I'm going to be calling Case Number 15991, re-advertised, application 3 of Mewbourne Oil Company for compulsory pooling, Eddy 4 5 County, New Mexico. Please proceed. 6 7 MR. BRUCE: Mr. Examiner, Jim Bruce of 8 Santa Fe representing the Applicant. I have two 9 witnesses. 10 EXAMINER McMILLAN: Any other appearances? 11 Please proceed. 12 (Mr. Anderson and Mr. Crosby sworn.) 13 JOSHUA G. ANDERSON, after having been first duly sworn under oath, was 14 questioned and testified as follows: 15 16 DIRECT EXAMINATION BY MR. BRUCE: 17 18 Will you please state your name and city of Q. 19 residence? 20 Josh Anderson, Midland, Texas. Α. 21 Who do you work for and in what capacity? Q. 22 Mewbourne Oil Company. I'm a petroleum Α. 23 landman. 24 Have you previously testified before the 0. 25 Division?

A. I have not.

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2 Could you please summarize your educational and 0. 3 employment background for the Examiner? I graduated from the University of Oklahoma 4 Α. 5 with a bachelor's in business administration, majoring in energy management and minoring in finance, in 6 7 December of 2010. I interned for Plains Exploration 8 Company in the summer of 2009 in Houston and interned 9 for Mewbourne Oil Company in the summer of 2010 in Oklahoma City. Then I've since worked for -- I've been 10 11 employed by Mewbourne Oil Company since graduation for 12 five-and-a-half years, working their Oklahoma assets, and in the last year and a half, working the Permian 13 Basin. 14 15 ο. Does your area of responsibility at Mewbourne 16 include this portion of southeast New Mexico? 17 Α. It does. 18 And are you familiar with the land matters Q. 19 involved in this application? 20 Α. I am. MR. BRUCE: Mr. Examiner, I tender 21 22 Mr. Anderson as an expert petroleum landman. 23 EXAMINER McMILLAN: Affiliated with any 24 professional organizations? 25 THE WITNESS: Yeah. I'm a member of the

Page 5 AAPL, PBLA. 1 2 EXAMINER McMILLAN: That's fine. 3 So qualified. (BY MR. BRUCE) Could you please identify 4 ο. 5 Exhibit 1 and describe the lands you're seeking to pool? Exhibit 1 is a Midland Map Company plat showing 6 Α. 7 Township 24 South, 28 -- Range 28 East in Eddy County, 8 New Mexico. The highlighted portion is the south half 9 of Section 32 in the proposed unit. 10 And what formation are you seeking to pool? 0. 11 The Wolfcamp. Α. 12 0. Are there any depth severances in the Wolfcamp Formation in the well unit? 13 There are not. 14 Α. Okay. Could you identify Exhibit 2 and 15 ο. 16 describe the well that you intend to drill? 17 Α. Exhibit 2 is a Form C-102. It shows the Zeppelin 32 W2LI State Com #2H, with a surface location 18 19 of 1,980 from the south line and 205 feet from the west 20 line, and the bottom-hole location being 2,310 from the south and 330 from the east. 21 22 The next one is Form C-102 for the Zeppelin 32 WOLI State Com #1H, with the proposed surface 23 location being 2,030 feet from the south line and 205 24 25 feet from the west line and a bottom-hole location of

Page 6 2,310 feet from the south line and 330 feet from the 1 east line. 2 3 Q. What type of -- moving on to Exhibit 3, what 4 types of land are involved in the well unit -- or I 5 should say, are state and fee lands involved in the well б unit? 7 Α. Yes. 8 If you turn to page 2 of Exhibit 3, there is a Q. plat on a bunch of little tracts in there. Are those 9 10 known as Fairchild farmlands? 11 Α. They are. 12 Q. And those were subdivided, what, 90 or 100 13 years ago, I believe? 14 Α. Yes. 15 Is ownership quite messed up in this well unit? ο. 16 Α. It is. 17 Does the first page of Exhibit 3 list the Q. 18 interest ownership in these various tracts? 19 Α. It does. 20 Are there unlocatable people? Q. 21 Α. There are. 22 Q. And maybe it's easier to ask: Who are you not 23 seeking to force pool of these people? 24 Α. BTA Oil Producers, LLC. 25 All the rest are subject to pooling? 0.

Page 7 1 Α. They are. 2 First off, let's discuss what did you do to 0. 3 locate the -- particularly the fee interest owners in 4 these tracts? 5 Used the Eddy County records, various databases Α. on the Internet such as Accurint, white pages, drilling 6 7 info and such. We sent out proposals to the last known 8 or, if we could find any addresses, we've tried 9 contacting via phone and email. Okay. And still there are quite a few interest 10 Q. 11 owners who are not locatable? 12 Α. There are. 13 What is Exhibit 4? 0. Exhibit 4 is a summary of communications 14 Α. between the parties that we are able to locate. 15 16 Q. And is Exhibit 5 just back-and-forth 17 correspondence to the locatable parties? 18 Α. It is. 19 In your opinion, have you made either a Q. good-faith effort to locate the interest owners in the 20 21 well unit or to obtain their voluntary joinder in the 22 well unit? 23 Α. We have. 24 Move on to Exhibits 6 and 7 and discuss the 0. 25 costs of the two wells.

Page 8 Exhibit 6 is the Authorization for 1 Α. Yes. 2 Expenditure for the Zeppelin 32 WOLI State Com #1. This AFE states that we would have a dry-hole cost of 3 \$2,302,900 and a completed well cost of \$6,472,300. 4 5 Exhibit 7 is the AFE for the Zeppelin 32 W2LI State Com #2H, and this shows a dry-hole cost of 6 7 \$2,334,400 and a completed well cost of \$6,215,600. 8 Are these costs fair and reasonable and in line Q. 9 with the cost of similar wells drilled by other 10 operators in this area of New Mexico? 11 They are. Α. 12 0. And do you request that Mewbourne be appointed 13 operator of the wells? Α. We do. 14 15 And do you request the maximum cost plus 200 ο. 16 percent risk charge if an interest owner goes nonconsent 17 in the well? 18 Α. We do. 19 What is your recommendation for the Q. 20 administrative and supervision expenses which Mewbourne 21 should be allowed? 22 Α. \$8,000 a month for drilling the well and 800 a 23 month for producing the well. 24 And are these amounts equivalent to those 0. 25 charged by Mewbourne and other operators in this area at

Page 9 1 this time? 2 Α. They are. 3 Q. Do you request that the rates be adjusted 4 periodically provided by the COPAS accounting 5 procedures? б We do. Α. 7 Q. And were the parties being pooled notified of 8 this application? 9 Α. They were. MR. BRUCE: Mr. Examiner, Exhibit 8 is my 10 11 Affidavit of Notice as to those persons for whom 12 Mewbourne had addresses. Most of the parties were 13 unlocatable. Exhibit 9 is the Affidavit of Publication 14 against all of the interest owners who are subject to be 15 16 pooled. 17 (BY MR. BRUCE) Were Exhibits 1 through 7 Q. 18 prepared by you or under your supervision or compiled 19 from company business records? 20 They were. Α. 21 And in your opinion, is the granting of this Q. 22 application in the interest of conservation and the 23 prevention of waste? 24 Α. It is. 25 MR. BRUCE: Mr. Examiner, I'd move the

Page 10 admission of Exhibits 1 through 7, plus 8 and 9, which 1 2 are my affidavit and the newspaper notice. 3 EXAMINER McMILLAN: Exhibits 1 through 9 4 may now be accepted as part of the record. 5 (Mewbourne Oil Company Exhibit Numbers 1 through 9 are offered and admitted into 6 7 evidence.) 8 MR. BRUCE: I have no further questions of 9 the witness. 10 CROSS-EXAMINATION 11 BY EXAMINER McMILLAN: 12 Q. The first question I've got is: What is the status of the 1H? 13 The status of the 1H? 14 Α. 15 ο. Yeah. 16 Α. I guess I'm --17 Has it been drilled? Q. 18 It is being drilled. Α. 19 Oh, it's -- okay. So it's drilling. Q. 20 What is the status of the 2H? I believe -- since it's a walking rig, I'm not 21 Α. sure if it's started drilling yet or not. 22 23 Because -- okay. I'm just trying to clarify. 0. 24 I looked for the 2H. It says it's been drilled but not 25 completed. This is the one -- the 2H has been drilled

Page 11 but not completed. The 1H is -- can you clarify that 1 2 for me? Maybe it is. Sorry. The 2H is drilled but not 3 Α. 4 completed. That's correct. 5 And then the 1H is drilling? Q. 6 Α. Yes. 7 ο. Okay. 8 EXAMINER McMILLAN: Go ahead. 9 EXAMINER BROOKS: I don't believe I have 10 any questions. The notice issues have been covered, so 11 we're in good shape. 12 EXAMINER McMILLAN: Thank you. 13 CHARLES CROSBY, after having been previously sworn under oath, was 14 questioned and testified as follows: 15 16 DIRECT EXAMINATION 17 BY MR. BRUCE: 18 Q. Please state your name for the record. 19 Α. Charles Crosby. 20 MR. BRUCE: Mr. Examiner, could the record reflect that the witness was previously sworn and 21 22 qualified? 23 EXAMINER McMILLAN: Yes. Please proceed. 24 0. (BY MR. BRUCE) Mr. Crosby, let's run through 25 these exhibits quickly. What is Exhibit 10?

Page 12 It's a structure contour map of the top of the 1 Α. 2 Wolfcamp in the area of interest showing continuous, consistent structural dip to the east, and the proration 3 unit for the well shown by the dashed black box, with 4 the well itself shown by the dashed red arrow. 5 The Wolfcamp Shale wells are highlighted by the blue lines, 6 7 with the Wolfcamp Sand lines highlighted by the violet 8 lines, and also a cross-section reference line labeled "A to A prime." 9 10 0. Let's move to your cross section in Exhibit 11 11 and discuss that. 12 Α. This is a cross section representative of the entire Wolfcamp section in the area of interest. Our 13 delineated Wolfcamp zones are shown to the left of the 14 cross section, and the landing zone for the WO is shown 15 16 within the Wolfcamp sands. And this just highlights that the Wolfcamp Sand in this area is consistent. 17 18 Q. In your opinion, will each quarter section 19 contribute more or less equally to production? 20 Α. Yes.

21 Q. And there is no faulting or other geological 22 obstacle to drilling these wells?

23 A. No.

24 Q. What is Exhibit 12?

25 A. This is a production statistics table for

Page 13 Wolfcamp wells in the area. It's just meant to show 1 2 that regardless of well orientation, wells that have similar completion dates and size of completion show 3 similar production. 4 5 So there is no favored direction in which to ο. 6 drill the wells? 7 Α. No. 8 What is Exhibit 13? Q. Just a schematic areal and cross-sectional view 9 Α. of the well just to show that the well is within the 10 standard proration unit. 11 12 Q. The first and last take points will be at orthodox locations? 13 14 Α. Yes. 15 And then let's discuss the W2 well. Why don't ο. 16 you run through Exhibits 14, et cetera? 17 This is the same Wolfcamp structure map as Α. before just meant to highlight the W2 well location. 18 19 And Exhibit 15? Q. 20 Same cross section just showing the landing Α. 21 point of the W2 within the Wolfcamp D zone. 22 Is the Wolfcamp D continuous across the --0. 23 Α. Yes. 24 And each quarter section will contribute more 0. 25 or less equally to production?

Page 14 1 Α. Yes. 2 Is Exhibit 16 the same production chart 0. 3 previously shown? Yes, it is. 4 Α. What is Exhibit 17? 5 Q. Again, just an areal and cross-sectional 6 Α. 7 schematic showing the well within the proration unit. 8 And the first and last take points will be at Q. 9 orthodox locations? 10 Α. Yes. 11 In your opinion, is the granting of this 0. 12 application in the interest of conservation and the prevention of waste? 13 14 Α. Yes. 15 And were Exhibits 10 through 17 prepared by you ο. 16 or under your supervision or compiled from company 17 business records? 18 Α. Yes. 19 MR. BRUCE: Mr. Examiner, I move the 20 admission of Exhibits 10 through 17. EXAMINER McMILLAN: Exhibits 10 through 17 21 22 may now be accepted as part of the record. 23 (Mewbourne Oil Company Exhibit Numbers 10 24 through 17 are offered and admitted into 25 evidence.)

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1	MR. BRUCE: I have nothing further.
2	EXAMINER McMILLAN: Thank you very much.
3	MR. BRUCE: I ask that our case be taken
4	under advisement.
5	EXAMINER McMILLAN: Case Number 15991 shall
6	be taken under advisement.
7	(Case Number 15991 concludes, 9:44 a.m.)
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Page 16 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 26th day of March 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