Page 1 STATE OF NEW MEXICO 1 ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION 2 ORIGINAL 3 IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING: 4 5 APPLICATION OF MEWBOURNE OIL COMPANY CASE NO. 15170 FOR APPROVAL OF A NONSTANDARD OIL SPACING AND PRORATION UNIT, AN 6 UNORTHODOX OIL WELL LOCATION, AND COMPULSORY POOLING, EDDY COUNTY, 7 NEW MEXICO. 8 9 REPORTER'S TRANSCRIPT OF PROCEEDINGS 10 EXAMINER HEARING July 10, 2014 11 RECEIVED OUL 2011 JUL 21 P 2: 12 Santa Fe, New Mexico 13 14BEFORE: MICHAEL McMILLAN, CHIEF EXAMINER 15 16 17 This matter came on for hearing before the New Mexico Oil Conservation Division, Michael McMillan, Chief Examiner, on Thursday, July 10, 2014, at the 18 New Mexico Energy, Minerals and Natural Resources 19 Department, Wendell Chino Building, 1220 South St. Francis Drive, Porter Hall, Room 102, Santa Fe, 20 New Mexico. 21 22 REPORTED BY: Mary C. Hankins, CCR, RPR New Mexico CCR #20 23 Paul Baca Professional Court Reporters 500 4th Street, Northwest, Suite 105 24 Albuquerque, New Mexico 87102 (505) 843-9241 25

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 6 7 8 INDEX PAGE 9 Case Number 15170 Called 3 10 Mewbourne Oil Company's Case-in-Chief: 11 Witnesses: 12 Paul Haden: 13 Direct Examination by Mr. Bruce 3 Cross-Examination by Examiner McMillan 9 14 Nate Cless: 15 Direct Examination by Mr. Bruce 10 16 17 Proceedings Conclude 13 Certificate of Court Reporter 14 18 19 20 EXHIBITS OFFERED AND ADMITTED 21 9 Mewbourne Oil Company Exhibit Numbers 1 through 8 22 Mewbourne Oil Company Exhibit Number 9 13 23 24 25

Page 3 1 (9:50 a.m.) 2 EXAMINER McMILLAN: I'd like to call back to order Docket 21-14, Case Number 15170, application of 3 Mewbourne Oil Company for approval of a nonstandard oil 4 5 spacing and proration unit, an unorthodox well location and compulsory pooling, Eddy County, New Mexico. 6 7 Call for appearances. MR. BRUCE: Mr. Examiner, Jim Bruce of 8 9 Santa Fe representing the Applicant. I have two 10 witnesses, Mr. Haden and Mr. Cless, who have been 11 previously sworn and qualified. 12 EXAMINER McMILLAN: Any other appearances? 13 PAUL HADEN, 14 after having been previously sworn under oath, was 15questioned and testified as follows: 16 DIRECT EXAMINATION BY MR. BRUCE: 17 Mr. Haden, could you identify Exhibit 1 and 18 0. 19 describe the well and the well unit we're here for 20 today? 21 Α. Exhibit Number 1 is the land plat of the area. 22 It depicts the spacing unit, which in this case is the east half of Section 35 of Township 23 South, Range 28 23 24 This proposed Basin unit is shaded in yellow. East. Ιt 25 also indicates the proposed lateral and the surface and

Page 4 bottom-hole locations for the Layla 35 W2 --1 2 No, no. Q. 3 MR. BRUCE: Excuse me, Mr. Examiner. 4 0. (BY MR. BRUCE) You have the wrong file there, Mr. Haden? 5 6 Α. I do. 7 You jumped ahead of yourself? 0. Let's back up. 8 Α. 9 EXAMINER McMILLAN: Before you go any 10 further, he has been fully qualified? 11 MR. BRUCE: Yes. He was sworn and 12 qualified. 13 EXAMINER McMILLAN: As an expert witness? 14 MR. BRUCE: As an expert landman. 15 EXAMINER McMILLAN: Okay. 16 0. (BY MR. BRUCE) And let's take a step back, Mr. Haden. 17 18 Α. Let's start again. 19 Q. The land problems kind of blend together after 20 a while, don't they? 21 Yes, they do. Α. 22 Exhibit 1, what is the well unit and what is Q. 23 the well name? 24 Exhibit Number 1 is the land plat of the area, Α. 25 and it indicates our proposed nonstandard oil proration

Page 5 unit, which is in the east half of the west half of 1 2 Section 35, Township 23 South, Range 28 East. Ιt 3 indicates the nonstandard unit, which is colored or shaded in yellow, with the proposed bottom-hole location 4 and the surface location and the lateral. 5 The surface location is 185 feet from the 6 7 south line, 1,670 feet from the west line. The bottom-hole location is 330 feet from the north line and 8 9 1,980 feet from the west line. 10 Ο. And you're pooling the Bone Spring Formation, 11 again? 12 Α. Yes, we are. And will the producing interval of the Layla 35 13 ο. B2NC Fee Well #2H be orthodox? 14 15 Α. Yes, it will. 1.6And just briefly, what is Exhibit 2? 0. 17 Exhibit 2 is the tract ownership for our Α. proposed nonstandard oil unit. It indicates the 18 19 participating parties as Tracts 1, 2,3 and 4. Tract 20 Number 4 is the tract that has some uncertain ownership. It sets forth the uncertain ownership of a 3.6 percent 21 22 interest. It also indicates the possible owners who may 23 have claim to this interest, and it lists them also in this exhibit. The parties being pooled comprise 24 25 approximately 1.8 percent of this nonstandard unit.

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| 1 | Q. And, again, these are the same parties, and you |
| 2 | still have the same title issues that you addressed more |
| 3 | fully in Case 15168? |
| 4 | A. Yes. |
| 5 | Q. And is Exhibit 3 simply another copy of the |
| 6 | title opinion discussed in that case? |
| 7 | A. That's correct. |
| 8 | Q. Is Exhibit 4 your summary of efforts to obtain |
| 9 | the joinder of the locatable people? |
| 10 | A. Yes. |
| 11 | Q. And is Exhibit 5 simply your backup |
| 12 | correspondence, et cetera with these people? |
| 13 | A. That's correct. |
| 14 | Q. In your opinion, has Mewbourne made a |
| 15 | good-faith effort to obtain the voluntary joinder of the |
| 16 | locatable owners? |
| 17 | A. Yes, we have. |
| 18 | Q. And has Mewbourne made a good-faith effort to |
| 19 | obtain or locate addresses for all of the interest |
| 20 | owners in this well unit? |
| 21 | A. Yes, we have. |
| 22 | Q. Could you identify Exhibit 6 for the Examiner? |
| 23 | A. Exhibit Number 6 is a copy of our AFE for this |
| 24 | well, the Layla 35 B2NC Fee #2H well. It indicates the |
| 25 | estimated well costs for this well. The estimated costs |
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| 1 | to completion is 2 million excuse me cost to |
| 2 | casing point is \$2,094,300. The completed well cost is |
| 3 | 3,974,100. |
| 4 | Q. And are these costs fair and reasonable and in |
| 5 | line with the cost of other wells drilled to the Bone |
| 6 | Spring Formation in this immediate area? |
| 7 | A. That's correct. |
| 8 | Q. And does Mewbourne request that it be appointed |
| 9 | operator of the well? |
| 10 | A. Yes, we do. |
| 11 | Q. And what is your recommendation for the |
| 12 | supervision and administrative expenses? |
| 13 | A. 7,000 drilling well rate and \$700 per month |
| 14 | producing well rate. |
| 15 | Q. And are these the rates that are in your JOA |
| 16 | for this section? |
| 17 | A. That's correct. |
| 18 | Q. And do you believe these amounts are fair and |
| 19 | reasonable not only for Mewbourne but for other working |
| 20 | interest owners in this area? |
| 21 | A. We do believe so. |
| 22 | Q. And do you request that the rates be adjusted |
| 23 | periodically as required by the COPAS accounting |
| 24 | procedure? |
| 25 | A. Yes, we do. |
| | |

Page 8 1 And do you request the maximum cost plus 200 0. 2 percent risk charge? 3 Α. Yes, we do. 4 Once again, were the locatable interest owners Q. 5 notified of this hearing? 6 Α. Yes, they were. 7 And is that reflected on Exhibit 7? 0. 8 That is correct. Α. 9 MR. BRUCE: And, again, Mr. Examiner, there 10 are three that just haven't come back. And I'd request 11 this matter be continued for two weeks, so I can get the 12 supplemental notice that I had published in the 13 newspaper. 14 (BY MR. BRUCE) And, Mr. Haden, were all of the 0. 15 pertinent offsets notified of this application for the nonstandard unit? 16 17 Α. Yes, they were. 18 And those offsets are identified in Exhibit 8 Ο. 19 of my Affidavit of Notice? 20 Α. That's correct. 21 MR. BRUCE: Mr. Examiner, once again, the 22 Chevron green card did not come back, and I will submit 23 that at the next hearing. I hope it's back by then. 24 (BY MR. BRUCE) Mr. Haden, were Exhibits 1 Ο. 25 through 8 prepared by you or under your supervision or

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| 1 | compiled from company business records? |
| 2 | A. Yes, they were. |
| 3 | Q. And in your opinion, is the granting of this |
| 4 | application in the interest of conservation and the |
| 5 | prevention of waste? |
| 6 | A. Yes, that's correct. |
| 7 | MR. BRUCE: And, Mr. Examiner, I'd move the |
| 8 | admission of Exhibits 1 through 8. |
| 9 | EXAMINER McMILLAN: So accepted. |
| 10 | (Mewbourne Oil Company Exhibit Numbers 1 |
| 11 | through 8 were offered and admitted into |
| 12 | evidence.) |
| 13 | MR. BRUCE: And I have no further questions |
| 14 | of the witness. |
| 15 | CROSS-EXAMINATION |
| 16 | BY EXAMINER MCMILLAN: |
| 17 | Q. Okay. What's the name of the pool name, again? |
| 18 | Is it the South Culebra? |
| 19 | A. Yeah, South Culebra. And the API number for |
| 20 | this well is 3001542353. |
| 21 | Q. Do you have a pool code? |
| 22 | A. I believe it's 15011. |
| 23 | Q. And, once again, is this 100 percent fee? |
| 24 | A. 100 percent fee, yes, sir. |
| 25 | Q. No state, BLM? |
| | |

Page 10 1 Α. No state or Fed. 2 Ο. Thank you. I have no further questions at this 3 time. 4 Α. Thank you, Mr. Examiner. 5 MR. BRUCE: Call Mr. Cless up here just 6 very briefly, Mr. Examiner. 7 NATE CLESS, after having been previously sworn under oath, was 8 9 questioned and testified as follows: 10DIRECT EXAMINATION 11 BY MR. BRUCE: 12 Mr. Cless, you testified as an expert geologist 0. 13 in Case Number 15168 regarding the Bone Spring well in 14 the west half-west half of Section 35; did you not? 15 Ά. That's correct. 16 Ο. And were Exhibits 9, 10 and 11 submitted in that case also applicable to this case, in 15170? 17 18 Α. Yes, they are. 19 And would you request that the testimony you ο. 20 gave regarding those exhibits be incorporated into this 21 case? 22 Α. Yes. 23 EXAMINER McMILLAN: So accepted. 24 (BY MR. BRUCE) And just in summary fashion, Ο. 25 will each quarter-quarter section in this well unit

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1 contribute more or less equally to production?

A. Yes, it will.

3 Q. And in your opinion, are stand-up well units 4 preferable in this section?

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A. Yes, they are.

Q. What I've submitted -- the only other matter I've submitted, Mr. Cless, is the Well Planning Report marked Exhibit 9. Could you just previously discuss that?

10 Α. Yeah. It is just the horizontal well plan that 11 we have for this particular well. And the first page 12 shows the surface location of 185 from the south, 1,670 13 from the west, the landing point of 660 from south, 14 1,703 from west, and the bottom hole of 330 from the 15 north, 1,980 from west. So our first take point will be 16 at the landing point, so we will be at a legal location in this particular well. 17

18 Q. And, again, there are about 20 completion 19 stages?

20 A. That's correct.

21 Q. And was Exhibit 9 compiled from company 22 business records?

23 A. Yes, it was.

Q. And in your opinion, is the granting of thisapplication in the interest of conservation and the

1 prevention of waste? 2 Α. Yes. 3 MR. BRUCE: Mr. Examiner, I'd move the admission of Exhibit 9. 4 5 EXAMINER McMILLAN: My question is, just 6 for the record, should Exhibit 9 be called Exhibit 7 9-15170, since there's already an existing --8 MR. BRUCE: Well, no. In that other case, 9 we just submitted the Well Planning Report for that 10 other well, the first well. 11 EXAMINER McMILLAN: Right. But his 12 geologic presentation had an existing Number 9. 13 MR. BRUCE: Ah. Okay. 14 EXAMINER McMILLAN: So I was trying, for 15 organizational purposes, to keep things simple. 16 MR. BRUCE: Mr. Examiner, why don't we do 17 that, mark it Exhibit -- what did you say? 1201? 18 EXAMINER McMILLAN: Let's call it Exhibit 9-15170. 19 20 MR. BRUCE: Or 12 -- I think what you said 21 was 12-15170. Is that what you said first? 22 EXAMINER McMILLAN: What I said was let's 23 just differentiate -- we have two existing 9s. Let's 24 differentiate this one. 25 MR. BRUCE: Okay. Go ahead.

Page 13 1 EXAMINER McMILLAN: I'd like to call it 2 9-15170 for the record. It's more clear. 3 MR. BRUCE: Yeah, we can do that. The 4 reason I didn't do that, Mr. Examiner, is because Mr. Goetze always chastises me when I put "dash A" or 5 6 dash something else. 7 EXAMINER McMILLAN: Okay. Keep things 8 simple. 9 (Mewbourne Oil Company Exhibit Number 9-15170 was offered and admitted into 10 11 evidence.) 12 MR. BRUCE: But I have no further questions 13 of this witness. 14 EXAMINER McMILLAN: I have no further 15 questions. Case Number 15170 will be continued until 16 July 24th. And thank you. 17 18 MR. BRUCE: One thing, Mr. Examiner, if I 19 could, I meant to mention this. In Case 15170, again, in the advertisement, I had asked for an unorthodox well 20 21 location, but that is incorrect. There is no unorthodox well location. 22 23 EXAMINER McMILLAN: So accepted. 24 (Case Number 15170 concludes, 10:04 a.m.) to heraby certify that the foregoing we s romplate record of the proceedings in 25 examiner hearing of Case No. 15170 aard by me on 244. PAUL BACA PROFESSIONAL COURT REPORTERS

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| 2 | COUNTY OF BERNALILLO |
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| 4 | CERTIFICATE OF COURT REPORTER |
| 5 | I, MARY C. HANKINS, New Mexico Certified |
| 6 | Court Reporter No. 20, and Registered Professional |
| 7 | Reporter, do hereby certify that I reported the |
| 8 | foregoing proceedings in stenographic shorthand and that |
| 9 | the foregoing pages are a true and correct transcript of |
| 10 | those proceedings that were reduced to printed form by |
| 11 | me to the best of my ability. |
| 12 | I FURTHER CERTIFY that the Reporter's |
| 13 | Record of the proceedings truly and accurately reflects |
| 14 | the exhibits, if any, offered by the respective parties. |
| 15 | I FURTHER CERTIFY that I am neither |
| 16 | employed by nor related to any of the parties or |
| 17 | attorneys in this case and that I have no interest in |
| 18 | the final disposition of this case. |
| 19 | Manz C. Harkins |
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