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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 ASCENT ENERGY, LLC CASE NOS. 16232, FOR APPROVAL OF A NONSTANDARD SPACING 16233 AND PRORATION UNIT, COMPULSORY POOLING, AND ONE UNORTHODOX WELL LOCATION, LEA COUNTY, NEW MEXICO.

REPORTER'S TRANSCRIPT OF PROCEEDINGS

EXAMINER HEARING

October 4, 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, October 4, 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 ASCENT ENERGY, LLC: 3 JAMES G. BRUCE, ESQ. Post Office Box 1056 Santa Fe, New Mexico 87504 4 (505) 982-2043 5 jamesbruc@aol.com FOR INTERESTED PARTY COG OPERATING, LLC: 6 7 WILLIAM F. CARR, ESQ. HOLLAND & HART, LLP 8 110 North Guadalupe, Suite 1 Santa Fe, New Mexico 87501 9 (505) 988-4421 wfcarr@hollandhart.com 10 11 FOR INTERESTED PARTY MARATHON OIL PERMIAN, LLC: 12 JENNIFER L. BRADFUTE, ESQ. MODRALL, SPERLING, ROEHL, HARRIS & SISK, P.A. 13 500 4th Street, Northwest, Suite 1000 Albuquerque, New Mexico 87102 (505) 848-1800 14 jlb@modrall.com 15 16 INDEX 17 PAGE Case Numbers 16232 and 16233 Called 18 3 19 3 Cases Presented by Affidavit 20 Proceedings Conclude 11/12Certificate of Court Reporter 13 21 22 23 EXHIBITS OFFERED AND ADMITTED 24 Ascent Energy, LLC Exhibit Numbers 1 through 4 9 25

Page 3 (4:01 p.m.) 1 EXAMINER McMILLAN: I'd like to call Case 2 16232, application of Ascent Energy, LLC for approval of 3 a nonstandard spacing and proration unit, compulsory 4 5 pooling and one unorthodox well location. This shall be 6 combined with Case Number 16233, application of Ascent 7 Energy, LLC for approval of a nonstandard spacing and 8 proration unit, compulsory pooling and one unorthodox 9 well location, Lea County, New Mexico. 10 Call for appearances. 11 MR. BRUCE: Mr. Examiner, Jim Bruce 12 representing the Applicant. I am submitting this case by affidavit. 13 14 EXAMINER McMILLAN: Any other appearances? MS. BRADFUTE: Mr. Examiner, Jennifer 15 16 Bradfute, with the Modrall, Sperling Law Firm, on behalf 17 of Marathon Oil Permian, LLC. 18 MR. CARR: May it please the Examiner, 19 William F. Carr, senior counsel to Concho. I'm 20 appearing for COG Operating. 21 EXAMINER McMILLAN: Thank you. 22 MR. BRUCE: Mr. Examiner, I've handed you 23 several exhibits. There is a lot of paper here, but 24 it's fairly simple. Exhibit 1 is a verified statement 25 of Lee Zink, Ascent's landman, and who has been

qualified as a witness -- a land witness before the
 Division.

In this case -- in both cases -- in Case 16232, Ascent seeks to force pool a Wolfcamp horizontal spacing unit, and in Case 16233, they seek to force pool a Bone Spring horizontal spacing unit.

7 As you may know, Mr. Examiner, there have 8 been some ongoing things between Marathon and Ascent, 9 and they're hopefully about to work out all of their 10 issues. There are some cases that have been continued 11 for a couple of weeks, but they're working toward 12 getting all that resolved. As part of that resolution, 13 Marathon has allowed this case to move forward by affidavit. 14

Exhibit 1, if you'll go through there, 15 16 they're seeking to drill two horizontal Wolfcamp wells in the west half-west half of Section 28 and the west 17 18 half-west half of Section 33. And then for a Bone 19 Spring well unit, the same west half-west half of 20 Section 28 and the west half-west half of Section 33. 21 The Wolfcamp tests -- or Upper Wolfcamp 22 tests -- on page 2 of the affidavit, you can see that 23 there are a number of different Bone Spring intervals 24 that are going to be tested at different depths, 1st 25 Bone Spring, 2nd Bone Spring and 3rd Bone Spring. I

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Page 5 think the easiest way to run through that is if you go 1 2 back to the attachments a few pages in, to the colored attachment page, Attachment A, it outlines -- this is a 3 two-section development area. It's called the Gavilon 4 5 Development Area. It's for development of horizontal wells in the potash area. 6 If you turn to Attachment B, it outlines 7 8 the well unit for the -- when I was doing it at 3:00 9 a.m. this morning, it seemed so much simpler, 10 Mr. Examiner. But you'll see, Attachment B in the Bone 11 Spring, it gives the working interest ownership and the 12 names of the parties in the development area. If you go 13 through, it's got the C-102s for the wells. When you go to Attachment D, it has the --14 and I may have gotten B and D switched up. But, again, 15 16 it's the same ownership for the Wolfcamp wells in this 17 area. It gives their percentage interests. 18 And Exhibit E, as Exhibit C, is the various 19 C-102s for the well. They're planning -- testing 20 multiple zones, and at least in a half section, maybe up 21 to three to four Bone Spring wells across the half section of Sections 28 and 33. 22 23 Attachment F simply gives a summary of the 24 contacts Ascent has had with various parties, and 25 attached to that is a sample proposal letter that was

1 sent out to Camterra Resources, one of the parties.
2 Similar letters were sent out to all of the interest
3 owners. And all the parties have had quite a bit of
4 contact with each other. It's been going on about 19
5 months now, so they've had plenty of time to discuss
6 their various issues.

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Attachment G contains all of the AFEs for the proposed wells, and they vary, of course, according to the depth. But they're all in the range of the low 8 millions and up to the high \$8 million, depending on depth.

Mr. Zink states that these -- that these 12 AFEs are fair and reasonable and comparable to other 13 well costs of similar wells in this area. Ascent 14 asserts it has made a good-faith effort to obtain 15 16 voluntary joinder of the working interest owners in the 17 well, and Ascent has the right to pool the overriding royalties in the well unit. They request \$7,500 for 18 19 drilling a well and \$750 a month for a producing well. And these are common rates, and Ascent requests a risk 20 21 charge and asks that it be designated operator of the 22 wells.

These applications were filed in early June, and, therefore, we gave notice to the offsets. And the final page of this exhibit lists all of the

Page 7 offsets. Now, some of them are also working interest 1 2 owners. So either being notified through the notice of the hearing to the working interest owners or through 3 the notice to offsets, all parties have received notice. 4 And Exhibits 2 and 3 are my Affidavits of 5 Notice showing that all the parties who are listed as 6 7 working interest owners in the proposed wells did 8 receive actual notice. Exhibit 3 is the Affidavit of Notice 9 10 regarding offsets, and all of the parties who were not 11 working interest owners but were given notice also 12 received actual notice. All of the green cards were returned, which is a notable feature in my lifetime 13 sometimes. 14 And Exhibit 4 is the affidavit of Ben Metz, 15 16 their geologist, and he has previously been qualified as an expert geologist by the Division. 17 18 And I've stapled these various geologic 19 plats together. You've got Attachments A through F, 20 going from -- A is the Wolfcamp, and then B through F 21 are the various Bone Spring zones, the Avalon, the 22 Leonard, the 1st, 2nd and 3rd Bone Spring sands. And 23 each of these includes a structure map and a cross 24 section and, where available, data from other wells 25 producing from that specific zone nearby.

Page 8 He does state that all of the zones in this 1 2 320-acre well unit are continuous across the well unit. Virtually all of the wells in this area, from whatever 3 zone, are north-south wells. Mr. Metz says that the 4 5 more recent completions, the better completions, the wells are economic that way. And since there is so 6 7 little data on horizontal wells, they are drilling the 8 wells north-south as other operators are doing. 9 But I won't go into the maps other than to 10 say, again, that they all contain structure maps, representative cross sections and, where available, 11 12 production data from wells in the area. And he believes that each quarter-quarter section in the well units will 13 produce more or less equally to the well. And the 14 15 Wolfcamp and Bone Spring horizontal spacing units are 16 justified from a geologic standpoint, and there is no faulting or other geologic impediments which would 17 18 prevent the drilling of the wells. 19 EXAMINER BROOKS: No depth severances in 20 this case? 21 MR. BRUCE: (Indicating.) 22 EXAMINER BROOKS: No depth severances? 23 MR. BRUCE: No. There are no depth 24 severances, and that is stated in the landman's 25 affidavit. For once I remembered to put it in there.

Page 9 1 EXAMINER BROOKS: Good. 2 MR. BRUCE: With that -- I mean, if you have any questions, ask them, but I would move the 3 admission of Exhibits 1 through 4. 4 5 MS. BRADFUTE: No objection. MR. CARR: No objection. 6 7 EXAMINER McMILLAN: Exhibits 1 through 4 8 may now be accepted as part of the record. 9 (Ascent Energy, LLC Exhibit Numbers 1 10 through 4 are offered and admitted into 11 evidence.) 12 EXAMINER McMILLAN: Cross? 13 MR. CARR: No cross. 14 MS. BRADFUTE: No cross. EXAMINER McMILLAN: Okay. The first 15 16 question I've got is when I was going through the case file, it said there was an amended application. 17 Is that 18 correct? 19 MR. BRUCE: Well, if it was -- I think I 20 may have had some typos in one of the original applications, but it was nothing significant. 21 22 EXAMINER McMILLAN: I guess what I'm 23 getting at is your amended application was after June 24 26th, right? Because that changes it from a project 25 area to a horizontal spacing unit.

Page 10 MR. BRUCE: Well, I'm still uncertain of 1 2 the -- what I've done in the cases that I've originally filed before June 26th, if I amended something 3 afterwards, I have continued to notify offsets. But I 4 don't remember the --5 EXAMINER BROOKS: Well, it doesn't hurt if 6 7 you notify them if you don't have to. I mean, that's not a problem. You can send notice to everybody --8 9 MR. BRUCE: I don't remember the amended 10 application, but --11 EXAMINER McMILLAN: It doesn't change 12 anything. It's just -- it's semantics. 13 MR. BRUCE: Semantics. Okay. 14 EXAMINER BROOKS: Yeah. These are all standard horizontal spacing units. 15 16 EXAMINER McMILLAN: Yeah. But when it was initially done, it would have been a nonstandard project 17 area. Now it would be a standard horizontal spacing 18 19 unit. 20 EXAMINER BROOKS: Correct. It would have been a nonstandard spacing unit. We'd have dubbed it a 21 22 nonstandard spacing unit. MR. BRUCE: Ms. Bradfute can confirm there 23 is a lot more paper involved in these cases than this. 24 25 MS. BRADFUTE: Yes.

Page 11 EXAMINER McMILLAN: I need the pool codes. 1 2 MR. BRUCE: I know they've been in touch. I will get those for you, Mr. Examiner. These APDs have 3 not yet been filed, but I will get the pool codes for 4 5 you. 6 EXAMINER McMILLAN: Okay. 7 MR. BRUCE: I believe they're probably 8 wildcat Wolfcamp. I will get that for you. 9 EXAMINER McMILLAN: Yeah. But I don't pay 10 much attention to the names people -- the pool code is 11 more important. 12 MR. BRUCE: I will get those for you. 13 EXAMINER McMILLAN: You said all quarter-quarter sections will contribute to --14 MR. BRUCE: Yes. The geologist states that 15 16 in his affidavit. 17 EXAMINER McMILLAN: Okay. 18 MR. BRUCE: And I'd ask that these matters 19 be taken under advisement. 20 EXAMINER McMILLAN: Closing statements? 21 MR. CARR: No. 22 MS. BRADFUTE: No. 23 EXAMINER McMILLAN: Cases 16232 and 233 shall be taken under advisement. 24 25 (Case Numbers 16232 and 16233 conclude,

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Page 13 1 STATE OF NEW MEXICO COUNTY OF BERNALILLO 2 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 attorneys in this case and that I have no interest in 18 19 the final disposition of this case. 20 DATED THIS 25th day of October 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