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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 MARATHON OIL PERMIAN, CASE NOS. 20061, LLC FOR A SPACING UNIT AND COMPULSORY 20062 POOLING, LEA COUNTY, NEW MEXICO.

REPORTER'S TRANSCRIPT OF PROCEEDINGS

EXAMINER HEARING

November 16, 2018

Santa Fe, New Mexico

BEFORE: WILLIAM V. JONES, CHIEF EXAMINER DAVID K. BROOKS, LEGAL EXAMINER

This matter came on for hearing before the New Mexico Oil Conservation Division, William V. Jones, Chief Examiner, and David K. Brooks, Legal Examiner, on Friday, November 16, 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 MARATHON OIL PERMIAN, LLC: 3 JENNIFER L. BRADFUTE, ESQ. MODRALL, SPERLING, ROEHL, HARRIS & SISK, P.A. 500 4th Street, Northwest, Suite 1000 4 Albuquerque, New Mexico 87102 5 (505) 848-1800 jlb@modrall.com б 7 8 INDEX 9 PAGE Case Numbers 20061 and 20062 Called 3 10 11 Cases Presented by Affidavit 3 Proceedings Conclude 12 13 13 Certificate of Court Reporter 14 14 15 16 EXHIBITS OFFERED AND ADMITTED 17 Marathon Oil Permian, LLC Exhibit Numbers 1 through 3 8 18 19 20 21 22 23 24 25

Page 3 (10:04 a.m.) 1 2 EXAMINER JONES: Let's call Case Numbers 20061 and 20062. Both are styled application of 3 Marathon Oil Permian, LLC for a spacing unit and 4 5 compulsory pooling, Lea County, New Mexico. 6 Call for appearances. 7 MS. BRADFUTE: Mr. Examiner, Jennifer 8 Bradfute on behalf of the Applicant. 9 EXAMINER JONES: Any other appearances? 10 MS. BRADFUTE: Mr. Examiner, Marathon has 11 filed these two applications for its Queenie Federal Com 12 20-32-15 wells. This application involves two 2nd Bone Spring wells, the 2H and the 3H, these applications 13 together. And we've consolidated these matters together 14 for hearing, and we would like to present these matters 15 16 by affidavit. 17 EXAMINER BROOKS: Is this re-opened also? 18 MS. BRADFUTE: This is not re-opened, so 19 these applications are being heard for the first time 20 today. Okay. Go ahead. 21 EXAMINER BROOKS: 22 MS. BRADFUTE: Attached in the exhibit packet in front of you, for your convenience, is a copy 23 24 of both of the applications at the front of the packet. 25 In Tab 1, attached as Exhibit 1, you'll see

Page 4 an affidavit prepared by Marathon's landman, Travis 1 Prewett. Mr. Prewett testified yesterday before the Oil 2 Conservation Division, and his credentials were accepted 3 and made a matter of record. 4 5 Mr. Prewett testifies that in Case 20061, Marathon is seeking an order from the Division pooling 6 7 all uncommitted mineral interests in the Bone Spring 8 Formation underlying the east half-east half of Sections 9 10 and 15 in Township 20 South, Range 32 East in Lea County. And this proposed spacing unit is going to be 10 11 dedicated to the 2H well. 12 In Case 20062, Marathon is seeking an order from the Division pooling all uncommitted mineral 13 interests also within the Bone Spring Formation 14 underlying the west half-east half of Sections 10 and 15 16 15. And this spacing unit is going to be dedicated to 17 the 3H well. 18 Mr. Prewett states within his affidavit 19 that a plat outlining the unit and the different tracts 20 in the unit is attached as Exhibit A, and the document -- the page following the tract for these wells 21 22 contains a list of the parties that Marathon is seeking 23 to pool. There is a list of uncommitted working 24 interests. And there are no unleased mineral interests 25 that are being pooled within the units. Also attached

Page 5 to this is a list of overriding royalty interest owners 1 within the area, and Marathon does seek to pool 2 overriding royalty interest owners. It looks like there 3 are about eight or so overrides within the area. 4 5 Attached to this affidavit is also a list of summary of attempted contacts that Mr. Prewett 6 7 engaged in to try to obtain consent and joinder in the 8 wells. Attached to this affidavit is a C-102 for 9 10 each of the wells and also a well-proposal letter for 11 the wells that was sent out giving a separate election 12 to each of the wells, as well as an AFE for each of the 13 wells. Mr. Prewett testifies that there are no 14 depth severances within the Bone Spring Formation and 15 16 that he conducted a diligent search of public records in the county where the wells are located, and he also 17 18 conducted phone and computer searches to find contact 19 information for the parties who were entitled to notice. 20 Mr. Prewett states that in his opinion Marathon has made a good-faith effort to obtain 21 22 voluntary joinder of the working interests in the 23 proposed wells. And he states that the producing 24 intervals for both of the wells is going to be orthodox 25 and that it's going to comply with the Division setback

1 requirements.

2	He confirms that the estimated costs for
3	drilling the wells is comparable to costs to drill other
4	wells to these lengths and these depths within this area
5	of New Mexico, and he testifies that Marathon is seeking
б	overhead and administrative rates of \$8,000 a month for
7	drilling and \$800 a month for producing. He states that
8	these rates are fair and reasonable and that they're
9	comparable to the rates charged by other operators for
10	wells drilled to these lengths and these depths within
11	New Mexico.
12	These are two-mile wells. And something
13	that we have noticed with two-mile wells is that people
14	are moving to $\$8,000$ a month for drilling and $\$800$ a
15	month for producing.
16	Marathon requests that these rates be
17	adjusted periodically as provided for under the COPAS
18	accounting procedure. And Mr. Prewett testifies that
19	Marathon is requesting the maximum cost plus 200 percent
20	risk charge to be assessed against any nonconsenting
21	working interest owners. Mr. Prewett testifies that
22	Marathon is asking to be designated as the operator, and
23	that based on his opinion, he believes that the granting
24	of this application is in the interest of conservation
25	and the prevention of waste.

Page 7 Attached as Exhibit 2 in this packet is an 1 2 affidavit prepared by a geologist, Ethan Perry. Mr. Perry's credentials as a geologist have been 3 accepted and made part of the record. 4 And attached to his affidavit are Exhibits 5 A, B and C, which include a structure map, a cross 6 7 section and a gross interval isochore of the 2nd Bone 8 Spring Sand Formation. 9 I'm not going to summarize these exhibits for you, but I did want to point out that Mr. Perry 10 11 testifies in his affidavit that based on his study, he concludes that the horizontal spacing unit is justified 12 from a geologic standpoint, that there are no structural 13 impediments or faulting that's going to interfere with 14 horizontal development and that it's his opinion that 15 16 each quarter-quarter section of the unit is going to contribute more or less equally to production. 17 18 Mr. Perry also testifies that the preferred 19 wellbore orientation in this area is north to south, and 20 he states that this is because the maximum horizontal stress orientation is more or less east-west. 21 22 Attached as Exhibit 3 in this packet is a 23 copy of an affidavit prepared by Marathon's attorney, 24 Deana Bennett, and attached to this affidavit is 25 confirmation of all of the mailings that went out to

Page 8 notified affected parties. And there is a chart 1 2 confirming which mailings were delivered. There appear to be three different mailings that were not delivered 3 on this chart. We did try to track those undelivered 4 5 mailings and included pages giving the transaction 6 history from the post office for those mailings. 7 Marathon also published notification in a newspaper of 8 general circulation in Lea County, and an Affidavit of 9 Publication which lists all of the parties entitled to 10 notice by name is included in the last page of this 11 exhibit. 12 With that, I'd like to tender Exhibits 1 13 through 3 into the record and answer any questions that you may have. 14 EXAMINER JONES: Exhibits 1, 2 and 3 are 15 16 admitted in both cases. 17 (Marathon Oil Permian, LLC Exhibit Numbers 18 1 through 3 are offered and admitted into 19 evidence.) 20 EXAMINER BROOKS: I had a question 21 because -- I may be confused. But looking at Exhibit 1A, the plat shown there appears to be a plat of the 22 23 west half-east half, and then if you go over to Exhibit 24 2B, that appears to be a C-102 for a well in the east 25 half-east half. There is also in Exhibit 2C a plat of a

Page 9 well in the west half-east half. But I don't see -- am 1 2 I missing something? 3 MS. BRADFUTE: Yeah. So the pages sometimes stick together. Let's go to Tab A. 4 5 EXAMINER BROOKS: Okay. Tab A has got a page 1, which is the east half-east half. 6 7 MS. BRADFUTE: Yeah. That's the east 8 half-east half. 9 And then if you turn to the next page -because there are two different spacing units at issue 10 11 here, one for each of the cases. 12 EXAMINER BROOKS: Yeah. 13 MS. BRADFUTE: Turn to the next page, and that's the west half-east half spacing unit. 14 EXAMINER BROOKS: Well, the west half-east 15 16 half was the one I was looking at, but I realized the tab is attached to the page that has the east half-east 17 18 half, and that's why I was missing it. 19 MS. BRADFUTE: Yes. 20 EXAMINER BROOKS: Now, Tracts 1 and 2 are in the east half -- no. 1 and 2 -- there are Tracts 1 21 22 and 2 in the east half-east half and Tracts 1 and 2 in 23 the west half-east half, and they're different tracts. 24 MS. BRADFUTE: Yes. So because these are 25 Bone Spring wells, based on the spacing requirements by

Page 10 the Division, each of these wells had to be broken down 1 2 into its own application, because they wanted to space these wells where they wouldn't qualify for the 3 4 proximity tract provision. 5 EXAMINER BROOKS: Okay. 6 MS. BRADFUTE: So there is one application 7 per spacing unit. 8 EXAMINER BROOKS: Okay. Now, where is the tract breakdown that follows the two plats? 9 10 MS. BRADFUTE: So the ownership -- so the tract breakdown -- the ownership in each of these tracts 11 12 is the same. They don't give a tract breakdown by the 13 tracts. They just give the list of the uncommitted 14 working interest owners. 15 EXAMINER BROOKS: Okay. They also spelled 16 Fasken wrong --17 MS. BRADFUTE: Oh, I apologize for that. 18 EXAMINER BROOKS: -- but David Fasken is 19 dead. That would have caused him great heartbreak. 20 MS. BRADFUTE: I'm sorry. 21 EXAMINER BROOKS: But he has been dead for a long time, and so he has more serious problems than --22 23 EXAMINER JONES: Oh, it's E-N. 24 EXAMINER BROOKS: It's an E. 25 EXAMINER JONES: Well, I noticed that OXY,

Page 11 in the handling, neither made an appearance in this 1 2 case, or are they possible sign-ups? 3 MS. BRADFUTE: They are. I know Marathon has been working with OXY, but they obviously haven't 4 5 committed yet. So --EXAMINER JONES: Okay. And you're drilling 6 7 from a drill island, looks like. 8 MS. BRADFUTE: Yes. Yes. 9 EXAMINER JONES: Okay. And still not -the wells are not permitted yet. So I assume the 10 locations will be -- I'll just put down what you've got 11 here as locations. 12 13 MS. BRADFUTE: Yes, please. Yeah. EXAMINER JONES: And our system just shows 14 40-acre -- 40-acre building blocks, and all of them are 15 16 exactly 40s. 17 MS. BRADFUTE: I believe they are. I don't have any information saying they're less than 40. 18 19 EXAMINER JONES: Okay. I guess we can 20 always say more or less. 21 MS. BRADFUTE: I think "more or less" is usually what we use. 22 23 EXAMINER JONES: Especially on federal. EXAMINER BROOKS: Well, building blocks are 24 25 authorized to be quarter-quarter sections. And actually

Page 12 Mr. Brancard and I -- sometimes I disagree with him, but 1 2 in this case, he was wiser than I was that he took out the 40 acres, because he said it didn't make any 3 difference as long as they were quarter-quarter sections 4 5 or equivalents. And I think he's clearly right. 6 MS. BRADFUTE: Yeah. It helps when you 7 have those lots. 8 EXAMINER BROOKS: And if it said 40 acres, which constitutes a quarter-quarter section or an 9 equivalent, then we'd have to decide which it means. 10 11 MS. BRADFUTE: Yes. Yes. 12 EXAMINER JONES: I like working with all these wizards. 13 EXAMINER BROOKS: Well, the law is pervaded 14 15 by wizardry. 16 EXAMINER JONES: The newspaper notice was published ten days at least? 17 18 MS. BRADFUTE: Yes, I believe so. Yeah, 19 November 2nd. 20 With that, we'd ask that these cases be taken under advisement, unless you have additional 21 22 questions. 23 EXAMINER BROOKS: I have none. 24 EXAMINER JONES: Thank you very much. 25 Cases 20061 and 20062 will be taken under

		Page 13
1	advisement.	
2		And that concludes today's hearings.
3		(Case Numbers 20061 and 20062 conclude,
4		10:16 a.m.)
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Page 14 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 20th day of December 2018. 21 22 MARY C. HANKINS, CCR, RPR 23 Certified Court Reporter New Mexico CCR No. 20 Date of CCR Expiration: 12/31/2019 24 Paul Baca Professional Court Reporters 25