Page 1

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 OXY USA, INC. FOR CASE NO. 20225 COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

## REPORTER'S TRANSCRIPT OF PROCEEDINGS

EXAMINER HEARING

February 7, 2019

Santa Fe, New Mexico

BEFORE: SCOTT DAWSON, CHIEF EXAMINER KATHLEEN MURPHY, TECHNICAL EXAMINER TERRY WARNELL, TECHNICAL EXAMINER DAVID K. BROOKS, LEGAL EXAMINER

This matter came on for hearing before the New Mexico Oil Conservation Division, Scott Dawson, Chief Examiner; Kathleen Murphy and Terry Warnell, Technical Examiners; and David K. Brooks, Legal Examiner, on Thursday, February 7, 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 APPEARANCES FOR APPLICANT OXY USA, INC.: MICHAEL H. FELDEWERT, ESQ. HOLLAND & HART, LLP 110 North Guadalupe, Suite 1 Santa Fe, New Mexico 87501 (505) 988-4421 mfeldewert@hollandhart.com INDEX PAGE Case Number 20225 Called Case Presented by Affidavit Proceedings Conclude Certificate of Court Reporter EXHIBITS OFFERED AND ADMITTED OXY USA, Inc. Exhibit Numbers 1 through 4 

Page 3 (1:30 p.m.) 1 2 EXAMINER DAWSON: And the next case that we'll go to is Case Number 20225, OXY USA, Incorporated 3 for compulsory pooling, Eddy County, New Mexico for the 4 Precious 30 18 Fed Com 4H, 5H, 6H and 9H. 5 6 Call for appearances, please. 7 MR. FELDEWERT: Mr. Examiner, Michael 8 Feldewert, with the Santa Fe office of Holland & Hart, 9 appearing on behalf of the Applicant, and we'll be presenting the case by affidavit. 10 11 EXAMINER DAWSON: Okay. 12 No other appearances? 13 Okay. When you're ready, Mr. Feldewert. MR. FELDEWERT: Mr. Examiner, if you look 14 at Exhibit Number 1, we have the affidavit of Matthew 15 16 Cole who has previously testified before this Division on petroleum land matters. And if you turn to what he 17 18 has in there as Exhibit 1A, you'll see that the company 19 seeks to pool an 800-acre standard horizontal spacing 20 unit for the Bone Spring Formation comprising of the acreage you see there outlined in green. It is 21 22 comprised, as he testifies to in his affidavit, six tracts of federal land. 23 And if you look at Exhibit B, you'll find a 24 25 draft of the C-102s for the four wells that they seek to

Page 4 initially dedicate to this well. These have not been 1 filed. We don't have an API number. We're not quite 2 sure what pool we're in yet. It's the wildcat Bone 3 Spring, so that's why these are presented as they are. 4 The other thing I note with these C-102s 5 when I examined them, at first blush, they appear to 6 7 be -- the last take point appears to be too close to the 8 outer boundary of the spacing unit. I am told that that is because Section 18 has some additional acreage. 9 It's not a true -- what's the length? It's a little larger 10 11 than the normal length. So OXY fully intends to make sure that these wells remain 100 feet from the outer --12 the last take point remains 100 feet from the outer 13 boundary of the spacing unit. So I don't want there to 14 be any confusion here. 15 16 EXAMINER DAWSON: Okay. 17 MR. FELDEWERT: It's going to be an 18 800-acre spacing unit as he testifies to in his 19 affidavit principally because the 5H will be drilled 20 within 330 feet of the east half of the east half of the acreage and the west half of the east half of the 21 22 acreage. So that would allow, then, the acreage to be 23 combined for the 800-acre spacing unit. 24 If you turn to what he includes as Exhibit 25 1C, he provides an ownership breakdown by each of the

Page 5 six tracts. OXY owns 95 percent of this acreage. 1 They 2 seek to pool the working interests in Tract 2, which a 40-acre tract, as well overriding interest owners that 3 are reflected on the last page of Exhibit 1C. 4 5 If you go to 1D, you will see two 6 well-proposal letters sent out by OXY. One was a 7 combination letter sent out for the 4H, 5H and 6H, along 8 with the AFEs. And then halfway through, you'll see a second letter for the 9H well, which also has its own 9 AFE. 10 11 He testifies that OXY has contacted or 12 attempted to contact each of these working interest owners in an effort to reach a voluntary agreement and 13 that the cost reflected on the AFEs for these wells are 14 consistent with what operators have incurred for 15 16 drilling similar horizontal wells. There is no ownership depth severances here. He testifies to that 17 18 in his affidavit and no unleased mineral interests. He 19 provides in his affidavit the overhead costs that they 20 seek, which he confirms are consistent with what others are charging. And so that completes Exhibit Number 1. 21 22 If you then turn to Exhibit Number 2 in our package, it's the affidavit of Daniel Burnett. He's a 23 24 geologist employed by OXY. His credentials as an expert 25 in petroleum geology are set forth in paragraph two of

Page 6

1 the affidavit.

2	He has concluded within his affidavit as
3	Exhibit 2A a cross section I'm sorry a structure
4	map of the 2nd Bone Spring Sand, which is the target
5	interval for all of these wells. And you'll see that he
6	testifies he presented us with 50-foot contours. He
7	testifies there is no he also provided for
8	Mr. McMillan and everybody else the control points for
9	his structure map. He includes on here the one, two,
10	three, four five wells that he utilized for his cross
11	section for A to A prime from the north to south, and he
12	confirms there are no pinch-outs, faulting or other
13	geologic impediments to developing these horizontal
14	wells.
15	Exhibit 2B, then, is the cross section that
15 16	
	Exhibit 2B, then, is the cross section that
16	Exhibit 2B, then, is the cross section that conforms with the wells that we see in Exhibit 2A from
16 17	Exhibit 2B, then, is the cross section that conforms with the wells that we see in Exhibit 2A from the A to A prime. He identifies the top of the 2nd Bone
16 17 18	Exhibit 2B, then, is the cross section that conforms with the wells that we see in Exhibit 2A from the A to A prime. He identifies the top of the 2nd Bone Spring with the red line and then the bottom or what
16 17 18 19	Exhibit 2B, then, is the cross section that conforms with the wells that we see in Exhibit 2A from the A to A prime. He identifies the top of the 2nd Bone Spring with the red line and then the bottom or what would be the top of the 3rd Bone Spring with the blue
16 17 18 19 20	Exhibit 2B, then, is the cross section that conforms with the wells that we see in Exhibit 2A from the A to A prime. He identifies the top of the 2nd Bone Spring with the red line and then the bottom or what would be the top of the 3rd Bone Spring with the blue line on this exhibit. The two black lines you see on
16 17 18 19 20 21	Exhibit 2B, then, is the cross section that conforms with the wells that we see in Exhibit 2A from the A to A prime. He identifies the top of the 2nd Bone Spring with the red line and then the bottom or what would be the top of the 3rd Bone Spring with the blue line on this exhibit. The two black lines you see on there are identified as landing depths in each of these
16 17 18 19 20 21 22	Exhibit 2B, then, is the cross section that conforms with the wells that we see in Exhibit 2A from the A to A prime. He identifies the top of the 2nd Bone Spring with the red line and then the bottom or what would be the top of the 3rd Bone Spring with the blue line on this exhibit. The two black lines you see on there are identified as landing depths in each of these logs for the proposed wells that are reflected thereon.

Page 7 here, and he states, finally, in his affidavit that the 1 2 north-to-south orientation is proper here because of the stress direction and that it will efficiently and 3 effectively develop the acreage. 4 Exhibit 3 is our affidavit for OXY as their 5 In going through that, we see the notice 6 attorney. 7 letters went out. We have the information on the status 8 of the receipts. As I went through this, there were two 9 overriding royalty interest owners where it was either 10 awaiting delivery or delivery was not accepted, and that 11 was a Jerune Allen, and then the River Oaks Trust 12 Company and Georgia Todd Temple as co-trustees of the Lorraine L. Johnson Living Trust. 13 As a result, if you look at Exhibit 4, it's 14 an Affidavit of Publication in the local newspaper, and 15 16 those two individuals, as well as the other overriding royalty interest owners are specifically listed in the 17 18 Affidavit of Publication. So they received proper 19 notice of this hearing. 20 With that, I move to admit Exhibits 1 21 through 4. 22 EXAMINER DAWSON: Okay. At this time 23 Exhibits 1 through 4 will be admitted to the record. 24 (OXY USA, Inc. Exhibit Numbers 1 through 4 25 are offered and admitted into evidence.)

Page 8 MR. FELDEWERT: And we ask that this case 1 be taken under advisement. 2 3 EXAMINER DAWSON: Does anyone have any 4 questions? 5 David? 6 EXAMINER BROOKS: No questions. 7 EXAMINER WARNELL: I have a question and a 8 concern. On the cross section on Exhibit 2B, I don't 9 think I've ever seen five logs on five wells. We've got gamma ray. We've got a resistivity on two of the five, 10 and nothing else on the others other than a gamma ray. 11 12 It's difficult -- I'd be hard-pressed to correlate those 13 logs just based on the gamma ray. I'm amazed that OXY wouldn't give us a little more to work with. That's 14 just an observation. 15 16 No questions. 17 EXAMINER DAWSON: Do you have any questions, Ms. Murphy? 18 19 EXAMINER MURPHY: No, no questions. 20 EXAMINER DAWSON: Mr. Feldewert, do you know what the administrative and overhead costs are 21 22 going to be? 23 MR. FELDEWERT: If you look in the 24 affidavit, I believe there is --25 EXAMINER DAWSON: I'm sure they testified

Page 9 to that in the initial hearing. 1 MR. FELDEWERT: In his affidavit he 2 testifies to it directly. Give me one minute. 3 7,500 while drilling and 750 while 4 5 producing. б EXAMINER DAWSON: Oh, okay. I see that 7 under Exhibit 1. MR. FELDEWERT: Exhibit 1, paragraph ten. 8 EXAMINER DAWSON: Yeah. Got it. Perfect. 9 So the exhibits and the numerical [sic] 10 11 exhibits behind Exhibits 1 through 4 will be admitted to the record, and this case will be taken under 12 13 advisement. 14 Thank you very much. MR. FELDEWERT: Thank you. 15 16 (Case Number 20225 concludes, 1:39 p.m.) 17 18 19 20 21 22 23 24 25

Page 10 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. DATED THIS 7th of March 2019. 20 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