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3	IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR
4	THE PURPOSE OF CONSIDERING:
5 6	APPLICATION OF CAZA PETROLEUM, INC. CASE NO. 15021 FOR A NONSTANDARD SPACING AND PRORATION UNIT AND COMPULSORY
	POOLING, LEA COUNTY, NEW MEXICO.
7 8	ORIGINAL
9	REPORTER'S TRANSCRIPT OF PROCEEDINGS
10	EXAMINER HEARING
11	July 11, 2013
12	Santa Fe, New Mexico
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18	This matter came on for hearing before the New Mexico Oil Conservation Division, Richard Ezeanyim,
19	Chief Examiner, David K. Brooks, Legal Examiner, and Phillip Goetze, Technical Examiner, on Thursday, July
20	11, 2013, at the New Mexico Energy, Minerals and Natural
21	Resources Department, 1220 South St. Francis Drive, Porter Hall, Room 102, Santa Fe, New Mexico.
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23	REPORTED BY: Mary C. Hankins, CCR, RPR New Mexico CCR #20
24	Paul Baca Professional Court Reporters
25	500 4th Street, Northwest, Suite 105 Albuquerque, New Mexico 87102
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Page 2 1 APPEARANCES 2 FOR APPLICANT CAZA PETROLEUM, INC.: 3 JAMES G. BRUCE, ESQ. Post Office Box 1056 4 Santa Fe, New Mexico 87504 (505) 982-2043 5 jamesbruc@aol.com 6 7 INDEX PAGE 8 Case Number 15021 Called 3 9 Caza Petroleum, Inc.'s Case-in-Chief: 10 Witnesses: John E. "Jay" Brown: 11 12 Direct Examination by Mr. Bruce 3 Cross-Examination by Examiner Ezeanyim 12 13 14 Proceedings Conclude 14 15 Certificate of Court Reporter 15 16 17 18 EXHIBITS OFFERED AND ADMITTED 19 Caza Petroleum Exhibit Numbers 1 through 6 11 Caza Petroleum Exhibit Numbers 7, 20 Plus Attachments 1 and 2 14 21 22 23 24 25

Page 3 (4:35 p.m.) 1 2 EXAMINER EZEANYIM: At this point, I call 3 Case 15021, application of Caza Petroleum, Inc. for a nonstandard spacing and proration unit and compulsory 4 5 pooling, Lea County, New Mexico. Call for appearances. 6 7 MR. BRUCE: Jim Bruce representing the 8 Applicant. I have one witness. 9 EXAMINER EZEANYIM: Any other witnesses? 10 Okay, Mr. Bruce. Make it jiffy. 11 Stand up and state your name. 12 MR. BROWN: John E. Brown. 13 JOHN E. "JAY" BROWN, 14 after having been first duly sworn under oath, was 15 questioned and testified as follows: 16 EXAMINER EZEANYIM: Okay, Mr. Bruce. 17 DIRECT EXAMINATION 18 BY MR. BRUCE: 19 Q. Mr. Brown, where do you reside? 20 In Houston, Texas. Α. 21 Who do you work for and in what capacity? Ο. 22 I'm the land manager for Caza Petroleum. Α. 23 Have you previously testified before the Q. Division? 24 25 Α. I have not.

Page 4 Would you summarize your educational and 1 0. 2 employment background for the Examiner? I have a bachelor of business administration in 3 Α. petroleum land management from the University of Texas 4 5 at Austin. I've worked for various companies over the I have been approved as an expert witness in 6 vears. 7 several different states. I've worked in many states, 8 and I have worked for Caza for three years. And I've 9 been working in southeastern New Mexico for a year and a half. 10 11 EXAMINER EZEANYIM: Before you continue, 12 Ms. Ryan is not contesting this case? MR. BRUCE: I will address that as soon as 13 14 we get him qualified. 15 (BY MR. BRUCE) Mr. Brown, how many years total 0. 16 experience in the oil and gas business? 17 Α. About 38. And does your area of responsibility at Caza 18 Q. include this area of southeast New Mexico? 19 20 Α. It does. And are you familiar with the land matters 21 Q. involved in this case? 22 23 Α. I am. MR. BRUCE: Mr. Examiner, I tender 24 25 Mr. Brown as an expert petroleum landman.

Page 5 EXAMINER EZEANYIM: So qualified. 1 2 MR. BRUCE: Very Briefly, Mr. Examiner, 3 Elizabeth Ryan entered her appearance for Devon Energy Production Company. She did ask for a continuance. She 4 5 later waived that request to me. Mr. Brown will explain 6 the status of the agreements between the parties, 7 although I think at this point we're still seeking to force pool Devon. We fully anticipate that within a 8 9 couple of weeks Devon Energy will be signed up and will 10 voluntarily agree to participate. So Ms. Ryan indicated 11 to me yesterday she would not show up at the hearing. 12 EXAMINER EZEANYIM: Okay. (BY MR. BRUCE) Mr. Brown, could you identify 13 Q. 14 Exhibit 1 for the Examiner and describe what Caza seeks in this case? 15 Exhibit 1 is a land plat, a copy of the Midland 16 Α. 17 Map Company plat, showing Section 29, Township 23 South, 34 -- 23 East, 34 South -- excuse me -- 23 South, 34 18 19 East in Lea County, New Mexico. And it shows the 20 proration unit that we seek. And that is the east half of the west half of 21 0. 29? 22 23 Α. That's correct. And you also seek to force pool the Bone Spring 24 Q. 25 Formation underlying the nonstandard unit?

Page 6 1 Α. That's correct. 2 And what is the name of Caza's proposed well? 0. 3 Α. West Copper Line 29 Federal Com #1. And will the producing interval in the wellbore 4 Ο. be orthodox at all points? 5 Orthodox? Within the setbacks? 6 Α. 7 Ο. Yes. Α. Yes, it will. 8 9 At this point, who do you seek to pool in the Q. 10 well unit? 11 Α. Cheveron U.S.A., Devon Energy and First Roswell 12 Company. 13 What total percentage interest do they own in Ο. 14 the well unit? 15Α. Devon owns a leasehold comprising 12-and-a-half 16 percent; Chevron, 12-and-a-half percent; and First 17 Roswell Company, 25 percent. 18 Q. And Caza owns the remaining interest? 19 Α. That's correct. What is Exhibit 2? 20 Ο. 21 Α. Exhibit 2 is copies of the well-proposal letter that I wrote in late March and early April to each of 22 23 those three parties in conformance with the regulation 24 to force pool. 25 And these are not the only contacts you have Q.

Page 7 1 had with the interest owners? 2 Α. No, sir. 3 0. Have there been numerous telephone calls and e-mails with the parties that you seek to pool? 4 Α. Numerous contacts with all three of the 5 6 parties. With Devon Energy, we have negotiated terms on 7 a farm-out, and I'm simply waiting at this point to get 8 Devon's written contract. We anticipate concluding that 9 in very short order. 10 Chevron has written a letter agreeing to 11 participate in the well. They also signed this letter 12 acknowledging their election to participate. We are 13 currently negotiating the JOA. We are a long way 14 towards completion and anticipate that being completed 15in short order. 16 And if those parties voluntarily join in the Ο. proposed well, will you notify the Division, so they're 17 not subject to the pooling order? 18 19 Α. Yes, sir. 20 How long overall has Caza and its other working Ο. 21 interest partners been negotiating with First Roswell 22 Company? 23 Α. Since December of 2012. 24 Ο. So at this point, that's seven, eight months 25 that you've been negotiating with them?

Page 8 Α. 1 Yes, sir. 2 ο. At this point, despite your conversations, do 3 you have a firm agreement with them? 4 Α. Absolutely not. At this point, do you anticipate they will need 5 Ο. to be force pooled? 6 Yes, sir. 7 Α. All of the interest or working interest owners 8 Q. in the proposed units are locatable? There are no 9 unlocatable parties? 10 11That's correct. Ά. In your opinion, has Caza made a good-faith 12 Q. 13 effort to obtain the voluntary joinder of the interest 14 owners of the well? 15 Α. Yes, it has. Would you identify Exhibit 3 for the Examiner 16 Ο. and discuss the cost of the proposed well? 17 Exhibit 3 is our AFE, which was sent out with 18 Α. 19 those election letters. It identifies the dry-hole cost as 3,334,000; completed well costs, 7,329,000. 20 21 Ο. And are these costs in line with the cost of 22 other wells drilled to this depth in this area of 23 New Mexico? 24 Yes, sir. Α. Do you request that Caza be appointed operator 25 Ο.

Page 9 of the well? 1 2 Α. Yes, sir. 3 Do you have a recommendation for the Examiners 0. 4 what Caza should be paid for supervision and administrative expenses? 5 We recommend [9,400 per month for drilling and 6 Ά. 7 ,000 per month for producing well rates. 8 How did Caza arrive at those overhead rates? Ο. 9 Α. I took the COPAS rate -- COPAS ceased issuing 10 rates in 2005 and went to an escalator percentage, and I 11 took that last issued rate and simply escalated it by 12 the COPAS escalation rates. And those rates actually are higher than these, so I backed off a little bit on 13 that. 14 15 Ο. Well, when you said the rates, you said the 16 COPAS rates, but you were talking about the Ernst & Young rates, I believe? 17 Well, I looked on the Internet, and the Ernst & 18 Α. 19 Young rates and the COPAS rates are the same, except 20 that Ernst & Young stopped publishing in 2009, and COPAS 21 is through 2013. 22 Ο. Ah. Okay. 23 And in your opinion, are these amounts 24 equivalent to those that would be charged by Caza and other operators in this area for wells of this depth? 25

Page 10 Α. They are similar. 1 2 Ο. And do you request that these rates be adjusted 3 by the COPAS accounting procedure? Α. I do. 4 5 Does Caza request a maximum cost plus 0. 200-percent risk charge in the event one of the parties 6 7 does not consent to the well? Yes, it does. 8 Α. And were the parties being pooled notified of 9 Q. this hearing? 10 Yes, sir. 11 Α. 12 Q. And is that reflected in my affidavit marked as 13 Exhibit 4? 14 Α. Yes. 15 What is Exhibit 5, Mr. Brown? 0. Exhibit 5 would be a list of the offset 16 Α. operators. 17 And did you employ an independent landman to 18 Ο. check the pertinent state, federal and county records to 19 20 determine offset ownership? 21 Α. I did. 22 Q. And were those parties given notice of this 23 application? 24 Α. Yes, they were. And is that reflected in Exhibit 6? 25 0.

Page 11 1 Α. Yes. 2 Were Exhibits 1 through 6 either prepared by Q. 3 you or under your supervision or compiled from company business records? 4 5 Α. Yes, they were. And in your opinion, is the granting of this 6 0. 7 application in the interest of conservation and the 8 prevention of waste? 9 Α. Yes, it is. 10 MR. BRUCE: Mr. Examiner, I move the 11 admission of Exhibits 1 through 6. 12 EXAMINER EZEANYIM: Exhibits 1 through 6 13 are admitted. 14 (Caza Petroleum Exhibit Numbers 1 through 6 15 were offered and admitted into evidence.) 16 MR. BRUCE: I have no further questions of this witness. 17 18 EXAMINER EZEANYIM: Mr. Brooks, any 19 questions? 20 EXAMINER BROOKS: No questions. 21 EXAMINER EZEANYIM: Mr. Goetze? 22 EXAMINER GOETZE: No questions. 23 EXAMINER EZEANYIM: What is the pool name 24 here? 25 MR. BRUCE: It's a Wildcat Bone Spring.

Page 12 1 EXAMINER EZEANYIM: Wildcat Bone Spring? MR. BRUCE: Yes. 2 3 CROSS-EXAMINATION BY EXAMINER EZEANYIM: 4 5 Q. What is the depth of this well? 6 Α. I don't know where my AFE went. The total vertical depth? 7 8 Yeah, measured depth. Q. 9 MR. BRUCE: It is on Exhibit 3, the AFE, 10 Mr. Examiner. 11 THE WITNESS: The horizontal is 11,480; 12 measured depth is 14,2 [sic]. I don't see the TVD. Oh, 13 it's 11,480. 14 MR. BRUCE: Total vertical depth? 15 THE WITNESS: Total vertical depth, yes. 16 Ο. (BY EXAMINER EZEANYIM) So you told me you 17 approximated your overhead rates because you can't find 18 them in COPAS? 19 Α. Well, COPAS no longer -- Ernst & Young no 20 longer publishes a specific rate. They ceased publishing the specific rate in 2005. So I took the 21 22 Ernst & Young 2005 overhead rate and escalated it by the 23 Ernst & Young escalators. That's common practice. 24 ο. Is that what most people do today, because I've 25 got all this overhead?

Page 13 1 I think they're just Α. I would say no. 2 continuing to carry a previous rate that they've used as They're entitled to 3 a go-by on subsequent JOAs. escalate that by the escalator. I mean, it's provided 4 5 for in the Exhibit C COPAS of the JOA. EXAMINER EZEANYIM: Any further questions? 6 No further questions of the 7 MR. BRUCE: 8 witness, Mr. Examiner. 9 I do have one more exhibit, and I'll ask 10 Mr. Brown to stay there just for a second. 11 In the pre-hearing statement I filed, I 12 explained that Carroll Hird, Caza's geologist, had some 13 health issues that prevent him from traveling. So what 14 I had him do -- I asked permission to present his 15 evidence by affidavit. We were also going to have him available by telephone, but -- without going through the 16 17 affidavit, it does discuss all the issues that the 18 Hearing Examiners are used to seeing with respect to 19 geology testimony on a Bone Spring test. 20 Because of the late hour, if you would like 21 the chance to at least talk to Mr. Hird by telephone, I 22 have no objection to continuing the case for two weeks 23 so that after you review the affidavit, if that is 24 necessary, so that you could ask questions of Mr. Hird. 25 But from what Mr. Brown told me, it does not appear that

Page 14 Mr. Hird will be in traveling condition for another 1 2 several weeks. So whatever your pleasure is, 3 Mr. Examiner. EXAMINER EZEANYIM: Okay. I don't think I 4 I think this is sufficient. 5 will need that. MR. BRUCE: I would move the admission of 6 7 Exhibit 7. 8 EXAMINER EZEANYIM: Exhibit 7 will be 9 admitted. (Caza Petroleum Exhibit Number 7 was 10 offered and admitted into evidence.) 11 12 EXAMINER EZEANYIM: Case Number 15021 will be taken under advisement. 13 14(Mr. Brooks exits the room.) 15 (Case Number 15021 concludes, 4:48 p.m.) 16 17 I do haraby cartily that the foregoing to 18 a complete record of the proceedings ja the Examiner hearing of Case/No 19 reard by nr 20 Examiner 21 Oil Conservation Division 22 23 24 25

1 STATE OF NEW MEXICO

2 COUNTY OF BERNALILLO

3 CERTIFICATE OF COURT REPORTER 4 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 foregoing proceedings in stenographic shorthand and that 8 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. I FURTHER CERTIFY that I am neither 15 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 20 MARY C. HANKINS, CCR, RPR 21 Paul Baca Court Reporters, Inc. New Mexico CCR No. 20 22 Date of CCR Expiration: 12/31/2013 23 24 25

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