Page 1

STATE OF NEW MEXICO

ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

> CASE NO. 16265 16266

Application of Centennial Resource Production, LLC, for a non-standard oil spacing and proration unit and compulsory pooling, Eddy County, New Mexico.

REPORTER'S TRANSCRIPT OF PROCEEDINGS

EXAMINER HEARING

THURSDAY, JULY 26, 2018

SANTA FE, NEW MEXICO

This matter came on for hearing before the New Mexico Oil Conservation Division, William B. Jones, Examiner, and David Brooks, Esq. Legal Examiner, on Thursday, July 26, 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 Therese Macfarlane New Mexico CCR 122 PAUL BACA COURT REPORTERS 500 Fourth Street NW, Suite 105 Albuquerque, New Mexico 87102

Page 2 1 APPEARANCES. 2 For the Applicant: Jordan Lee Kessler, Esq. Holland & Hart 3 110 North Guadalupe, Suite 1 Santa Fe, New Mexico 87501 4 (505) 988-4421 jkessler@hollandhart.com 5 6 FOR Weldon Baird, co-trustee Sharon T. Shaheen, Esq. of the Beulah Baird Trustee Montgomery & Andrews 7 325 Paseo de Peralta Santa Fe NM 87501 8 (505) 986-2678 sshaheen@montand.com 9 For Conoco Phillips James Bruce, Esq. 10 Post Office Box 1056 Santa Fe, NM 87504 (505) 982-2043 11 jamesbruc@aol.com 12 13 INDEX 14 CASE NOS. 16265 AND 16266 CALLED PAGE 15 **APPLICANT WITNESSES:** 16 GAVIN SMITH 17 DIRECT EXAMINATION BY MS. KESSLER: 15 CROSS-EXAMINATION BY MS. SHANEEN: 17 CROSS-EXAMINATION BY MR. BRUCE: 18 38 REDIRECT EXAMINATION BY MS. KESSLER: 41,44 42,44 19 CROSS-EXAMINATION BY MR. JONES: CROSS-EXAMINATION BY MR. BROOKS 45 20 JOHN HARPER 21 direct examination by MS. Kessler: 49 53 22 CROSS-EXAMINATION BY MR. JONES: 23 24 25

		Page 3
1	E X H I B I T I N D E X	
2	APPLICANT EXHIBITS	ADMITTED
3	CENTENNIAL RESOURCES PRODUCTION, LLC EXHIBIT 1	25
4	CENTENNIAL RESOURCES PRODUCTION, LLC EXHIBIT 2	25
5	CENTENNIAL RESOURCES PRODUCTION, LLC EXHIBIT 3	25
6	CENTENNIAL RESOURCES PRODUCTION, LLC EXHIBIT 4	25
7	CENTENNIAL RESOURCES PRODUCTION, LLC EXHIBIT 5	25
8	CENTENNIAL RESOURCES PRODUCTION, LLC EXHIBIT 6	25
9	CENTENNIAL RESOURCES PRODUCTION, LLC EXHIBIT 7	25
10	CENTENNIAL RESOURCES PRODUCTION, LLC EXHIBIT 8	25
11	CENTENNIAL RESOURCES PRODUCTION, LLC EXHIBIT 9	53
12	CENTENNIAL RESOURCES PRODUCTION, LLC EXHIBIT 10	53
13	CENTENNIAL RESOURCES PRODUCTION, LLC EXHIBIT 11	53
14	CENTENNIAL RESOURCES PRODUCTION, LLC EXHIBIT 12	53
15	CENTENNIAL RESOURCES PRODUCTION, LLC EXHIBIT 13	46
16	WELDON BAIRD EXHIBIT 1	42
17	WELDON BAIRD EXHIBIT 2	42
18	WELDON BAIRD EXHIBIT 3	42
19	WELDON BAIRD EXHIBIT 4	42
20	WELDON BAIRD EXHIBIT 5	42
21	WELDON BAIRD EXHIBIT 6	42
22		
23		
24		
25		

Page 4 (Time Noted: 2:48 p.m.) 1 MR. JONES: Let's call Cases No. 16265 and 2 3 16266. Both are the application of -- actually, yeah, both are the Application of Centennial Resources 4 Production, LLC for a non-standard spacing and proration 5 unit and compulsory pooling in Lea County, New Mexico. 6 7 Call for appearance. 8 MS. KESSLER: Jordan Kessler of the Santa Fe 9 office of Holland & Hart for the Applicant. 10 MS. JONES: Any other appearances? 11 MS. SHAHEEN: Sharon Shaheen of Montgomery & Andrews on behalf of Weldon Baird, Co-Trustee of the 12 Beulah M. Baird Trust. 13 MR. BRUCE: Mr. Examiner, Jim Bruce of Santa Fe 14 representing ConocoPhillips Company. I have no witnesses 15 16 MR. JONES: ConocoPhillips? 17 MR. BRUCE: Yeah. 18 MR. JONES: Any other appearances? 19 MR. BROOKS: I thought they had left the state. 20 MR. BRUCE: What is that? 21 MR. BROOKS: I thought ConocoPhillips had left 22 the state. 23 MR. BRUCE: No. 24 MR. BROOKS: No, not entirely. 25 MR. BRUCE: They are just very quiet.

PAUL BACA PROFESSIONAL COURT REPORTERS 500 FOURTH STREET NW - SUITE 105, ALBUQUERQUE, NM 87102

Page 5 MR. JONES: Any witnesses for --1 MS. SHAHEEN: No witnesses. I just have a few 2 cross-examination questions for the landman. 3 MR. JONES: Any witnesses for ConocoPhillips? 4 5 MR. BRUCE: No. MR. JONES: Okay. Will the court reporter 6 7 please swear the witnesses for Centennial. 8 (Note: Whereupon the designated witnesses were 9 duly sworn.) 10 GAVIN SMITH, 11 having been duly sworn, testified as follows: 12 DIRECT EXAMINATION BY MS. KESSLER: 13 14 Please state your name for the record. Q. My name is Gavin Smith. 15 Α. 16 Q. By whom are you employed? 17 Centennial Resource Development. Α. 18 Q. And in what capacity? 19 I'm a landman. Α. 20 Q. Have you previously testified before the 21 Division? 22 Α. I have. 23 Were your credentials as a petroleum landman 0. 24 accepted and made a matter of record? 25 They were. Α.

	Раде б
1	Q. Are you familiar with the applications filed in
2	these consolidated cases?
3	A. Yes.
4	Q. Are you familiar with the status of the land in
5	the subject area?
6	A. Yes.
7	MS. KESSLER: Mr. Examiner, I would tender
8	Mr. Smith as an expert in land matters.
9	MR. JONES: Any objections?
10	MS. SHAHEEN: No Objection.
11	MR. BRUCE: No objection.
12	MR. JONES: No objections. He is so qualified.
13	Q. Mr. Smith, please explain what Centennial seeks
14	under these two applications.
15	A. We seek to create two spacing units for the Duck
16	Hunt wells, containing the east half of Section 12 and the
17	southeast quarter of Section 1. These Duck Hunt 1 State
18	Com 601H spacing unit is going to be the east half of the
19	east half of Section 12 and the east half of the southeast
20	quarter of Section 1.
21	The spacing unit for the Duck Hunt 1 State
22	Com 602H is going to be on the west half of the east half
23	of the 602 H or excuse me, Section 12, and the west
24	half of the southeast quarter of Section 1.
25	And that's all in Township 23 South, 34

PAUL BACA PROFESSIONAL COURT REPORTERS 500 FOURTH STREET NW - SUITE 105, ALBUQUERQUE, NM 87102

Page 7 east, Lea County. 1 2 Q. These are 240 acre spacing units, correct. 3 Α. Correct. 4 Q. You're seeking to pool the uncommitted owners in 5 the Bone Spring formation? 6 Α. We do. 7 Does Exhibit 1 contain two draft C-102s for each Q. 8 of the wells? 9 Α. It does. 10 Have the permits been approved or not? Q. 11 They have. And we are -- the 601's approved, Α. 12 the 602 was originally approved. This plat is actually --13 we submitted a sundry and that's what this plat is. It's 14 submitted and we are waiting to be approved. 15 ο. Does that change the heel and toe of the well? It's actually a change of bottom hole location. 16 Α. It was a little close to the line. We changed it to 320. 17 18 Q. What is the ownership and the nature of the 19 acreage? The southeast quarter Section 1 is a State of 20 Α. New Mexico lease and all of Section 12 are multiple fee 21 22 leases. 23 Q. Do you know what pool is involved in these 24 spacing units? 25 It's the Antelope Bone Spring North Pool. It's Α.

PAUL BACA PROFESSIONAL COURT REPORTERS 500 FOURTH STREET NW - SUITE 105, ALBUQUERQUE, NM 87102

		Page 8
1	2205.	
2	Q.	2205.
3	Α.	Uh-huh.
4	Q.	And it's subject to Division statewide rules for
5	oil wells	, correct?
б	Α.	Yes.
7	Q.	Will the completed interval for each well comply
8	with the	setback requirements?
9	A.	It will.
10	Q.	Let's turn to Exhibit 2. Exhibits 2 and 3
11	contain l	and ownership maps of the 2H 1H and 2H wells;
12	is that c	orrect?
13	A.	Yes.
14	Q.	I'm looking at Exhibit 2, and the first page
15	shows a m	ap with the tracts, and the second page has a
16	list of o	wners; is that correct?
17	Α.	Correct.
18	Q.	Now, the unleased mineral interest owners versus
19	working i	nterest owners are not called out on this
20	exhibit,	correct?
21	Α.	Correct.
22	Q.	Are Marathon, Energen, and ConocoPhillips
23	working i	nterest owners?
24	Α.	Yes.
25	Q.	And everyone else is an unleased mineral

Page 9 1 interest owner? 2 Α. Correct. 3 0. Are there any overriding royalty interest 4 owners? 5 Α. There's one, but we have the authority to pool. And just a correction. The unleased 6 7 mineral owners, there is the interest of Joseph Mark 8 Gregory, Norma Baird Loving and Weldon Baird are currently 9 leased. 10 I understand that you have recently reached an Q. agreement with Apache; is that correct? 11 12 Α. That's correct. 13 Q. So they can be taken off this list of parties to 14 pool? 15 Α. That's right. Can you please explain the interest marked 16 Q. 17 Pending Title Research? Yes. Texas International, heirs of the Dwayne 18 Α. Ratliff and heirs of Velma Ward Kerr are interests that 19 because that Section 12 is all fee, there's pretty messy 20 title and there were over 1,000 documents in each quarter 21 22 section to review. And there were a couple of interests that are leased of owners that we found some issues in 23 24 title that we were not able to prove yet, and we wanted to 25 include these names just in case further research shows

Page 10 that they did own a mineral interest. So it was just out 1 of caution we included them. 2 3 Q. So all of the interests of these heirs that you 4 have identified have been leased, correct? 5 Α. Correct. 6 And you're not seeking to pool any of those Q. 7 heirs? 8 Α. Correct. Let's look at Exhibit 3, and I'm turning to the 9 0. second page of Exhibit 3. Again, this exhibit does not 10 show who is a working interest owner versus unleased 11 12 mineral interest owner. Do I correctly understand that 13 Energen and Conoco are working interest owners? 14 Α. That's right. 15 Everybody else is unleased mineral interest ο. 16 owners? 17 Α. Yes. 18 And again you have reached an agreement with Q. 19 Apache, correct? 20 Yes. Α. 21 Q. So they do not need to be compulsory pooled. 22 Α. Correct. 23 Does Exhibit 4 contain a sample of the Well 0. 24 Proposal Letters that you sent for each of the two wells? 25 Α. It does.

Page 11 This is just a sample, but you sent a letter to 1 Q. 2 each of the working interest owners and unleased mineral 3 interest owners? 4 Α. That's right. 5 Did each of the letters include an AFE? 0. They did. 6 Α. 7 When was this letter sent? Q. 8 Α. May 9, 2018. 9 Looking at the AFEs, are the cost on these AFEs Q. 10 consistent with what Centennial has incurred for drilling similar horizontal wells in the area? 11 12 Α. They are. 13 Q. What effort have you undertaken to reach a 14 voluntary agreement generally with the working interest 15 owners and unleased mineral interest owners? All the parties on this pool list have been 16 Α. contacted. We were in contact with before the Well 17 Proposals were out. We contacted all the working interest 18 owners and either tried to purchase their working interest 19 or sign a JOA. All of which are in good shape. 20 21 All the mineral owners we are attempting to lease. We sent leasing offers to them, as well as the 22 23 Well Proposal. 24 Q. What have your effort been with respect to 25 ConocoPhillips?

Page 12 Conoco we are currently negotiating a JOA with, Α. 1 and should be signing one within the next few weeks, I 2 would imagine. 3 4 Q. In the event you reach an agreement with Conoco 5 will you notify the Division? 6 Α. Yes. 7 What about your efforts to lease or obtain a Q. 8 lease extension with the Baird Trust? 9 So the Weldon Baird Trust and the Norma Baird Α. 10 are currently leased to Centennial. We've been working since October of 2017, to obtain a lease extension. 11 That 12 lease expired in August and the fee Duck Hunt wells, the 13 rig's coming to that location September 25th. 14 What date in August does their lease expire? 0. 15 Α. I'm actually not sure. I think it's August 5th. 16 Have you been in contact with the Baird Trust? Q. We have. 17 Α. 18 Can you please outline your negotiations with Q. 19 them. Sure. So we began talking in October of 2017 20 Α. for a lease extension, and contacted Norma Baird. We made 21 an initial offer and they actually countered with an 22 extension offer, which we accepted. 23 24 At that point we tried to reach them again 25 to paper up that deal and had issues getting in contact

with them. 1

After we accepted that counter, they said 2 they weren't too sure about it anymore and that they would 3 4 rather wait until closer to the lease expiration date to 5 negotiate an extension.

So we waited a period of time to contact 6 7 them and, contacted then more recently to negotiate it. 8 At the same time as we sent out the 9 proposals, we were contacted by Brad Hellums, who told us 10 he also represented those trusts. And originally Norma said she represented them. So there was some confusion. 11 Brad requested another offer in writing, 12 13 which we provided in an overnight letter. 14 The original understanding was that providing that written offer, that they were no longer 15 making an appearance in this hearing because they would 16 have an offer from us. 17 18 Since sending that, I've tried to contact Brad Hellums every day pretty much, and sent a voicemail 19 every time. So have not been able to get in contact with 20 Brad at all since sending that letter to confirm.

22 Now, did Norma Baird actually return an AFE 0. 23 stating that she was not going to participate in the Duck 24 Hunt 602H well?

25 Α. That's correct.

21

Page 14 Okay. Does May 21st sound like the correct 1 Q. 2 date? 3 Α. Yes. 4 Q. And you mentioned that you had come to terms 5 with Ms. Baird back in October; is that correct? That is correct. 6 Α. 7 Can you please outline the content of that Q. 8 agreement. 9 Α. It was a verbal agreement over the phone. Sure. And Norma had countered to extend our lease for \$7,000 an 10 acre for three years. 11 12 7,000 an acre for three years? ο. 13 Α. Correct. 14 What was your most recent offer to Mr. Hellums? 0. 15 Α. The letter we sent that I referred to was an offer to extend the lease for one year for \$7,000 an acre. 16 17 0. Why for only one year? Uhm, that was -- when I spoke with Mr. Hellums 18 Α. after he contacted us about the proposal and he made the 19 argument that there were some leases in New Mexico going 20 for 15- or \$20,000 an acre, which, you know, we understand 21 and we want to make sure we give market rates. 22 So the offer for one year and 7,000, the way we look at that is 23 24 if a three-year lease is going for \$20,000 an acre a third 25 of that is \$6,660, so that \$7,000 per acre for one year is

Page 15 actually a better offer, especially since our rig on is on 1 2 they way on September 25th to put a well on the property. 3 0. So you offered a one-year lease because you have 4 a spud date that's ... 5 (Note: Reporter inquiry.) 6 Α. I can say it. 7 We offered a one-year lease because when we were negotiating a three-year lease that cost \$20,000. 8 9 (Note: Reporter inquiry.) 10 MS. BROGGI: We have a spud date in two months. Did he counter your offer? 11 0. 12 Α. He did not. 13 And you explained on the phone to Mr. Hellums Q. 14 what the concept of your offer was going to include? 15 Α. We did. At any point did he decline? You said he didn't 16 0. 17 counter. 18 Α. There was no counter and no acceptance. 19 0. And you said you had called him multiple times since last Friday? 20 It would have been sent a voice mail. 21 Α. Have you estimated overhead and administrative 22 0. 23 costs while drilling and producing each well? 24 Α. We have. \$7,500 a day for drilling and \$750 a 25 day for producing.

Page 16 1 Per month, correct? Q. 2 Α. Yeah. Sorry. 3 Are these overhead rates consistent with what 0. 4 Centennial and other operators in the area charge for 5 similar wells? 6 Α. Yes. 7 Does Exhibit 6 contain an affidavit and attached Q. 8 letters prepared by my office providing notice of this 9 hearing? 10 Α. It does. 11 0. Were all of the parties that you seek to pool 12 locatable? 13 Α. No, they were not. 14 Can you please describe the efforts that you 0. 15 undertook to obtain valid addresses. 16 Α. We researched records, online data bases, telephone calls to family members to find the heirs. 17 18 Q. In your opinion have you conducted a diligent 19 search to obtain those addresses? 20 Α. We have. Are Exhibits 7 and 8 notices of Affidavits of 21 Q. Publication directed to parties that you seek to pool? 22 23 Α. They are. 24 Were Exhibits 1 through 5 five prepared by you Q. 25 or compiled under your direction and supervision?

Page 17 1 Α. They were. 2 MS. KESSLER: Mr. Examiner, I move admission of Exhibits 1 through 7. No, 1 through 8. 3 4 MR. JONES: 1 through 8. 5 Any objection? MR. BRUCE: No objection. 6 7 MS. SHAHEEN: No objection. 8 MR. JONES: Exhibits 1 through 8 are admitted. 9 MS. KESSLER: I'll pass the witness. 10 MR. JONES: Ms. Shaheen. MS. SHAHEEN: I do have some exhibits. 11 12 Some of them are the same as the Applicant 13 but it may be easier -- oh, I only have one for you guys. 14 Is that okay? 15 MR. JONES: Yeah. 16 MS. SHAHEEN: It may be easier for us use to use these exhibits for expedience rather than go back to the 17 Applicant Exhibits. 18 19 CROSS-EXAMINATION 20 BY MS. SHAHEEN: 21 Q. Mr. Smith, you're aware that Mr. Baird's interest is currently leased, correct? 22 23 Α. I am. 24 If you turn to Exhibit 1, is this the Operative Q. 25 Lease?

		Page 18
1	A. Yes.	
2	Q. And the partie	es to this lease are Weldon Baird,
3	co-trustee of the Beular	M. Baird Trust, and GMT; is that
4	correct?	
5	A. That's correct	
6	Q. So Norma Baird	l is not a party to this lease.
7	A. That is correc	ct. There was a separate lease for
8	Norma Baird.	
9	Q. So you testifi	ed that you contacted Norma back
10	in October, correct?	
11	A. We did.	
12	Q. Did you contac	ct Mr. Baird back in October?
13	A. We did, and we	e were told by Norma to not contact
14	him again and she would	negotiate on his behalf.
15	Q. Did she provid	le you any documentation that gave
16	her the authority to neg	otiate on his behalf?
17	A. She did not.	
18	Q. So you just to	ook her word for it.
19	A. We did.	
20	Q. How did you co	ontact him at that time?
21	A. He's who?	
22	Q. I'm sorry. Mr	. Baird. How did you attempt to
23	contact him back in Octo	bber?
24	A. A phone number	<b>2</b> •
25	Q. Where did you	get that phone number?

Page 19 I believe we already had it from GMT. 1 Α. 2 Do you know whether he ever received any message Q. 3 from you by phone? We left voicemails with him and sent letters to 4 Α. 5 his address. 6 Q. Do you know whether he received any of those 7 messages or letters? 8 Α. I believe we have green cards showing receipt of 9 those letters at his address. 10 In October. Q. Yes. Well, in October it was mainly phone 11 Α. 12 calls. 13 Q. So what time frame do you have the green cards 14 for? 15 Α. Those are for the proposals themselves. 16 So that would have been in May of 2018? 0. 17 Α. Yes. 18 So you made no effort between October and the Q. 19 time that the Well Proposals went out to contact Mr. Baird; is that correct? 20 21 At the request of Norma. Α. 22 Okay. Moving on to Exhibit 2, this is the Q. 23 amendment to the lease; is that correct? 24 Α. Correct. 25 And the parties again are Weldon Baird, and not 0.

Page 20 Norma Baird, and GMT. 1 2 And the expiration date is what here? 3 Α. August 5th. Okay. Turning to Exhibit 3, can you identify 4 Q. 5 this for the record. This is the Well Proposal for the Duck Hunt 6 Α. 7 State Com 602H. 8 0. And you did a similar letter with the Well 9 Proposal for the 601H, correct? 10 Α. That's correct. 11 What date was that? 0. 12 Α. I believe it was the same date. 13 If this interest was leased why did Centennial Q. 14 send an AFE to Mr. Baird? 15 Α. Uh, per the interest we knew was going to come up for expiration on August 5th, and since negotiating 16 since October without an extension, we wanted to make sure 17 that we had all uncommitted parties on the docket in case 18 this lease was not extended. 19 So just to be clear, you didn't actually 20 Q. 21 negotiate with Mr. Baird between October and May, did you. 22 With Weldon Baird? Α. Yes. 23 Q. 24 Α. We did not, because Norma requested us not to 25 call him.

Page 21 Did you ever attempt to inform Mr. Baird that 1 Q. you would be sending a Well Proposal to him? 2 We did. 3 Α. 4 Q. And when did you do that? 5 In our phone calls when we were talking to Α. 6 Norma. 7 Back in October. Q. 8 Α. In October we were talking about the extension, and then later in May we did try to make contact. 9 10 With Mr. Baird? Q. Yes. Well, at Norma's number, and she blocked 11 Α. 12 our calls. So we did attempt to notify them. 13 Q. But you never attempted to call Mr. Baird 14 himself? 15 Α. No. And to Centennial's knowledge, is Mr. Baird, or 16 0. 17 the trust for which he served as a trustee, sophisticated 18 in the matters of oil and gas? 19 Α. Can you repeat the question. To Centennial's knowledge, is Mr. Baird or the 20 Q. 21 trust sophisticated in the matters of the oil and gas 22 business? All I know at this point, Brad Hellums indicated 23 Α. 24 that he was Power of Attorney, which we just recently 25 learned, after Brad contacted us for these proposals. So

Page 22 it sounds like Brad Hellums is knowledgeable for 1 2 Mr. Baird. 3 0. What do you mean he's knowledgeable? He's knowledgeable about the oil and gas business? 4 5 Α. Yes. Is he an operator of some sort? 6 Q. 7 I don't know. Α. 8 So, to your knowledge, you don't know that he's 0. familiar with the oil and gas business, do you. 9 10 Α. I do not. Are you aware that Mr. Hellums attempted to call 11 0. 12 Carl Messina, whose number is provided on the May 9th 13 letters and Well Proposals? 14 Α. Mr. Hellums did tell me he attempted to call 15 Centennial. He never indicated he tried to call Carl. Ι did check with Carl to se if he had any voice mails of 16 messages from Mr. Hellums. He did not. 17 18 Q. So you have no record of Mr. Hellums calling. 19 Carl Messina on approximately May 12th? 20 I do not. Α. 21 Q. To your knowledge Carl Messina never reached out 22 to Brad Hellums. 23 Α. No. 24 If you turn to page -- let me back up for a Q. 25 minute here.

Page 23 1 Going back, talking about the AFE again, 2 would you agree that receipt of an AFE would be confusing 3 to a lessor who is not in the oil and gas business? 4 Α. Yes, it could be. 5 Would you agree that receipt of an AFE to a 0. 6 lessor who has a current lease would be confusing? 7 Α. Yes. 8 Would you agree that receipt of an AFE from an 0. unknown operator could be confusing to a lessor who's 9 10 leased with a third party? 11 Α. Yes. 12 Did you ever inform Mr. Baird that the GMT lease ο. 13 had been acquired by Centennial? 14 Α. No. No such notice is required. 15 Q. Did anyone else at Centennial inform Mr. Baird that it had acquired the GMT lease? 16 17 Α. Not to my knowledge. 18 Did you consider Mr. Baird's ability to Q. 19 participate before you sent him an AFE? 20 I did not. Α. 21 Q. When Centennial considers contributing its 22 acreage to an outside-operated project, what analysis does it do? 23 24 MS. KESSLER: I'm going to object to that. Ι 25 believe it's outside his area of qualification.

PAUL BACA PROFESSIONAL COURT REPORTERS 500 FOURTH STREET NW - SUITE 105, ALBUQUERQUE, NM 87102

Page 24 MR. BROOKS: I'm going to sustain the objection. 1 2 I think it's really irrelevant. 3 MS. SHAHEEN: I'm sorry. You think it's 4 irrelevant? 5 MR. BROOKS: Yes. MS. SHAHEEN: Well, I just -- may I? 6 7 MR. BROOKS: Yes. 8 MS. SHAHEEN: I'm just trying to establish that someone like Mr. Baird does not have the ability or the 9 10 resources to conduct the type of analysis you would need to determine whether or not you should participate in a 11 12 Well Proposal. 13 MR. BROOKS; Well, let me go back to a couple of 14 questions that I -- when you responded as an attorney I 15 did not actually focus on who you represent. Who is your 16 client? MS. SHAHEEN: Weldon Baird. 17 18 MR. BROOKS: Weldon Baird. Okay. You are not appearing for Mrs. Baird? 19 20 MS. SHAHEEN: No. 21 MR. BROOKS: I don't know if she is Mrs. Baird, 22 but who is the other... MS. SHAHEEN: She is Mr. Baird's sister. 23 Her 24 name is Norma Baird Loving. 25 MR. BROOKS: But you are not representing her?

Page 25 MS. SHAHEEN: I am not representing Mrs. Loving. 1 2 MR. BROOKS: But you're representing Weldon Baird? 3 4 MS. SHAHEEN: That's correct. MR. BROOKS: Well, I mean there are certain 5 circumstances in which the agency has required that an 6 7 offer be made to an owner of an interest to participate. 8 And we could -- if this were a rulemaking proceeding and 9 there were a proposal to change the rules as to what 10 should be provided with an offer, were the offer to participate, I, uh, certainly, uh, would not express an 11 12 opinion to which way, what way that ought to go, but I 13 believe -- actually, I do not see the relevance of it to 14 the question whether or not there actually is a lease 15 between the trust and the applicant or whether or not the interest of your client or the applicant could be 16 17 compulsory pooled. 18 We've never required that an owner have a sufficient degree of sophistication in the oil and gas 19 business to know what he's doing as being a qualification 20 that avoids the compulsory pooling action. 21 So for these reasons I would consider 22 23 your --24 MS. KESSLER: Mr. Examiner, I believe the 25 Division has affirmatively required proposals be made to

PAUL BACA PROFESSIONAL COURT REPORTERS 500 FOURTH STREET NW - SUITE 105, ALBUQUERQUE, NM 87102

Page 26 mineral interest owners. 1 2 MR. BROOKS: And that's a permissible reading of the Oil and Gas Act. 3 4 There are many cases saying the word 5 "shall". It says if the owner's have not agreed -- the statute says, if I recall rightly, that if the owners have 6 7 not agreed, the Commission or the Division "shall" pool 8 the interest. And there are many decisions of the New 9 Mexico courts saying "shall" meanS "shall". 10 Now, I think there are some that say the 11 reverse on that, but there are no decisions in regards to 12 that statute. 13 But that's the way we've construed it. So 14 I will continue to say I think we should sustain the 15 objection on the grounds that this evidence would be 16 irrelevant. MS. SHAHEEN: At some point I would like to 17 point to the law that I think supports our position there. 18 I can do that now or I can... 19 20 You may do that now if you wish. MR. BROOKS: MS. SHAHEEN: It is my understanding 7-2-18A 21 22 requires the applicant to negotiate a voluntary agreement with other interest owners. It doesn't require the 23 24 applicant to submit a Well Proposal. It doesn't limit 25 such a voluntary agreement to a Well Proposal without, I

1 would note, without a JOA.

2 And then there are a couple of Orders R-13155 and Order No. R-13165 that provides clarification 3 4 that the applicant has an obligation to make a diligent 5 and good faith effort to reach a voluntary agreement. My point here is that with Mr. Baird what 6 7 type of voluntary agreement is appropriate and whether, 8 assuming that it's sufficient to send him an AFE with no 9 JOA and no explanation when he was a leased interest, 10 whether that's a good faith and diligent effort to obtain a voluntary agreement. 11 12 That's why we are here today, and so that 13 was one of the reasons that I asked that question. 14 I'll skip that question and go on to my 15 remaining ones, unless you have more questions for me. 16 MR. BROOKS: No, I think I will stick by my 17 ruling. 18 I'd like the opportunity to MS. KESSLER: briefly respond at some point to Ms. Shaheen's argument. 19 20 MR. BROOKS: You may respond. 21 MS. KESSLER: She is correct, and I do not have the Order number in hand that defines good faith. 22 I do agree with her reading of the statute regarding voluntary 23 24 agreement. The Division and Commission has specifically 25 found good faith for mineral interest owners includes very

Page 28 specifically sending a Well Proposal letter. I would like 1 to point out that a Well Proposal letter was sent to lease 2 interest owners whose lease was on the cusp of expiring. 3 4 In addition, attempting to negotiate a lease extension is not evidence of bad faith. I would say it's evidence of 5 good faith. 6 7 MR. BROOKS: So are you saying the evidence is 8 relevant? Because if both sides think it's relevant I 9 will change my ruling. I think that it should be admitted 10 in that case. 11 MS. KESSLER: Let's just move on. 12 MR. BROOKS: Okay. 13 MS. SHAHEEN: And I would ask that Ms. Kessler 14 provide me with the Order number. MR. BROOKS: It is true if there is an interest 15 that's unleased we have specifically said they should make 16 an offer to lease, and I would -- I think perhaps you have 17 got a point here, because this is a lease extension, this 18 is not simply an interest-on-unleased-minerals situation. 19 20 Of course I'm unsure if the interest is 21 actually leased now, because conveyances signed by one of multiple trustees, it's my understanding, is subject to 22 23 question, unless you have -- as a title attorney I would 24 require to see the trust instrument to see if one of 25 multiple trustees can actually -- actually has the

Page 29 authority to sign a lease. 1 2 So it seems to me the interest could be unleased, but I don't know that. It may be. 3 4 So if you wish to explore this, I'll -- I 5 realize that we have had no testimony, as I understand it, what kind of offer was made to your client with regard to 6 7 leasing, extending the lease. And that may -- at least 8 not any that I have heard -- but take into consideration I 9 don't hear very well. 10 So I'm going to modify my ruling in view of Jordan's point, and ask you -- and allow you to proceed if 11 12 you wish to do so. 13 Go ahead. 14 MS. SHAHEEN: Okay. I'll go back. When Centennial considers contributing its 15 ο. acreage to an outside-operated project, do you know what 16 17 analysis it does? MR. BROOKS: Oh, no, I don't want to get into 18 That's too far afield. I'll let you ask about the 19 that. sophistication of your client, whether they gave any 20 specific consideration to that or not. 21 22 MS. SHAHEEN: Okay. 23 Q. Did you consider Mr. Baird's ability to 24 participate before sending him an AFE? 25 Α. I did not.

Page 30 1 Do you believe that -- do you know one way or Q. 2 another whether Mr. Baird has the ability and resources to 3 make the type of analysis that would be necessary to 4 determine whether or not he should participate in the Well 5 Proposal? I do not know. I will add that in a phone 6 Α. 7 conversation with Brad Hellums, who represents to be the 8 Power of Attorney for Weldon Baird, he did say he was very 9 knowledgeable about the oil and gas industry and worked in 10 and knows what's going on. 11 When did you first speak with Mr. Hellums? 0. 12 Α. I believe -- I can't remember the exact date but 13 it was, I believe, in June. Last month, probably. 14 0. Do you have any record of that communication with Mr. Hellums? 15 16 Α. We do. 17 0. You do. Is that in evidence today? It is not. 18 Α. 19 0. Would it surprise you to know that you first spoke with Mr. Hellums a week ago yesterday? 20 21 Α. Uhm, no. 22 0. Do you know what prompted -- I'm sorry. I don't 23 want to talk over you. 24 Α. That's okay. 25 Do you know what prompted -- my understanding is 0.

Page 31 you gave Mr. Hellums a call a week ago yesterday. Is that 1 2 correct? I did. Because I received his contact 3 Α. 4 information, I believe -- it was more recent, you're 5 correct. 6 Q. So your communication with Mr. Hellums was 7 prompted by my phone call to Holland & Hart; is that 8 correct? Α. 9 Yes. 10 Q. And prior to that time you had never spoken with 11 Mr. Baird? 12 Α. Right. 13 And prior to that time you had never attempted Q. 14 to negotiate an extension of the lease with Mr. Baird, 15 other than with Ms. Norma Loving, who has a different lease. Correct? 16 17 Correct. And she represented she negotiated for Α. Weldon. 18 19 0. And when you first contacted Ms. Loving did you refer to Mr. Baird's lease when you spoke with her? 20 We did. 21 Α. 22 Why did you do that? Q. 23 Α. We were trying to extend both leases. 24 So you relied on Ms. Loving's representation Q. 25 that she would negotiate for Mr. Baird?

Page 32 We did, being his sister. 1 Α. 2 Do you think it would be helpful for a lessee Q. 3 unfamiliar -- excuse me, for a lessor unfamiliar with the 4 oil and gas business to see a JOA before it would consider 5 participating in a well? 6 Α. Can you repeat? 7 Do you believe it would be helpful for a lessor, Q. 8 or for any party, any nonsophisticated party, to see the 9 JOA before it would determine whether it would participate 10 in the Well Proposal? 11 I do. And no request for a JOA was received by Α. 12 Centennial from Mr. Baird. 13 But, to your knowledge, Mr. Messina never Q. 14 returned any phone calls from Mr. Hellums? 15 Α. I don't know if he didn't receive any other --But can you represent what Mr. Messina would 16 0. 17 have received in terms of voice mail? 18 Α. No. 19 0. So to your knowledge Mr. Hellums could have called and left a voice mail for Mr. Messina that was 20 21 never returned. I asked Carl Messina if he received a call from 22 Α. Brad Hellums and he told me he did not. 23 24 MS. SHAHEEN: And that would be hearsay, so I 25 would ask that be struck from the record.

Page 33 MS. KESSLER: As we are aware, the Rules of 1 Evidence do not strictly apply, and since Mr. Messina is 2 not here and Ms. Shaheen keeps asking, we will ask 3 4 Mr. Messina if --5 MR. BROOKS: If I understand you correctly, you 6 have no knowledge of contacts with Mr. Messina. Is that 7 correct? 8 THE WITNESS: I'm sorry? 9 MR. BROOKS: If I understand correctly, you have 10 no knowledge of contacts with Mr. Messina by anybody; is 11 that correct? THE WITNESS: Uhm, I have knowledge of other 12 13 owners who had contact with Mr. Messina. 14 MR. BROOKS; But not Mr. Baird. THE WITNESS: No, I do not. 15 MR. BROOKS: Okay. I think that's ir- -- I 16 17 think that that is irrelevant, then, because if the witness has no knowledge there's no need to prolong that 18 19 matter. 20 Q. (BY MS. SHAHEEN) So because you never spoke 21 with Mr. Baird you never explained to him that a compulsory pooling application would be filed if you did 22 23 not reach a voluntary agreement; is that correct? 24 Α. Correct. 25 Turning to Exhibits 4 and 5, can you identify 0.

Page 34 1 these exhibits for the record. 2 Α. These are the pooling applications for the Duck Hunt State Com 601H and 602H. 3 4 Q. Actually, I haven't included the applications 5 here, I've only included the cover letters. Do you see 6 that? 7 Okay. Α. 8 If you look at Exhibit 4, which is more or less Q. identical to Exhibit 5, you will see there's two letters; 9 10 is that correct? 11 That's correct. Α. 12 And the first letter is directed towards someone ο. 13 who does have a mineral interest that would be compulsory 14 pooled, right? 15 A. Correct. And the second letter is directed to someone who 16 0. 17 is -- whose interest is not being force pooled but who may 18 have an interest because their mineral interests are 19 nearby. Is that correct? 20 That's correct. Α. 21 And would you agree that sending both of these Q. letters to a lessee could be confusing? 22 23 Α. No. 24 How does the lessor know whether or not it has Q. 25 an interest that would be force pooled?

	Page 35
1	A. I don't know.
2	Q. So there's no way to tell by looking at these
3	letters, is there.
4	A. No.
5	Q. You testified earlier that you believe you first
6	spoke with Mr. Baird's representative Mr. Hellums a week
7	ago Wednesday, which would have been the seven the
8	18th of July. Is that correct?
9	A. Sounds right.
10	Q. Can you tell us what you discussed with
11	Mr. Hellums in that first conversation.
12	A. Yes. I called Mr. Hellums because we were
13	notified of his appearance, and I wanted to see if we
14	could negotiate a lease extension with him, if he was the
15	party to negotiate with.
16	So that's exactly what we did. We offered
17	what we had previously agreed to with Norma Baird and went
18	from there.
19	Q. What was the substance of your offer on
20	Wednesday, July the 18th?
21	A. We ended at the offer that we submitted in
22	writing, which was \$7,000 per acre for a one-year
23	extension.
24	Q. Did you tell Mr. Hellums that in your phone call
25	on Wednesday, July 18?

Page 36 I think it was a later phone call at another day 1 Α. 2 that I told him that offer. 3 Do you know when the terms of the lease 0. 4 extension offer went to Mr. Baird -- or Mr. Hellums? 5 Α. It arrived on a Saturday, last Saturday. 6 Q. So five days ago Mr. Hellums received the offer 7 for Mr. Baird's interest; is that correct? 8 Α. I believe the date of our first phone call he requested that an offer be submitted in writing. 9 10 In your opinion, Mr. Smith, does this Q. last-minute offer to extend the lease received by Mr. 11 12 Baird on the Friday represent a good-faith effort to reach 13 an agreement with you prior to filing the application? 14 Α. Yes. 15 Q. How does that represent good faith? 16 We've contacted them since October of 2017. Α. 17 0. We've already established that you did not 18 contact Mr. Baird at any time. MS. KESSLER: Objection. That wasn't the 19 testimony. The testimony was they attempted to contact 20 multiple times. And Ms. Shaheen is asking for a legal 21 determination of good faith, so I would object to her 22 23 question. 24 MR. BROOKS: Well, if the witness's testimony 25 has been misinterpreted he can correct it. And we don't

Page 37 have to worry about prejudice because we don't have a jury 1 2 here. 3 You may proceed. Answer the question. If you don't remember, we will ask her to 4 5 restate. MS. SHAHEEN: I'll start over. 6 7 Q. In your opinion does this last-minute offer 8 received by Mr. Baird only five days, represent a good-faith effort to reach a voluntary agreement prior to 9 10 filing the application to force pool? 11 Α. Yes. 12 And my question was: Even though you have never 0. 13 spoken with Mr. Baird or his representative prior to 14 Wednesday, July 18 of 2018; is that correct? 15 Α. Yes. MS. SHAHEEN: I have no further questions. I 16 would simply repeat my previous argument as a closing 17 statement, if and when we get to that point. 18 MR. BROOKS: Let me ask you a question, then. 19 20 Is it your contention that your client Weldon Baird has the authority to act for the trust in 21 these matters without the joinder of his co-trustees? 22 23 MS. SHAHEEN: My understanding -- well, first of 24 all I understand that Ms. Loving has one lease and 25 Mr. Baird has a separate please.

Page 38 MR. BROOKS: That was the testimony, but that's 1 2 confusing to me because I'm not aware of co-trustees having undivided interest. I always thought co-trustees 3 4 have one interest and either one could act for both, or it 5 required both of them, depending on the terms of the trust. 6 7 So the idea of them having separate leases, 8 unless they are identical is very confusing to me. But I'm just going to ask the witness about that, also. 9 10 So I will -- are you -- you passed the witness, right? 11 12 MS. SHAHEEN: I passed the witness. 13 MR. BROOKS: Okay. Mr. Bruce? 14 CROSS-EXAMINATION 15 BY MR. BRUCE: 16 Since some of the cases that were cited are 0. 17 mine, Mr. Smith -- I have been fighting these notice 18 issues for 25-plus years, longer than that -- when you're 19 negotiating with someone, whether it's -- whether it's Exxon Mobil or Joe Smith, do you ask people their net 20 21 worth to figure out if they can join in the well? 22 It might be kind of rude to ask that 23 question, wouldn't it? 24 Α. I would think so. 25 And the lease from Mr. Baird, that was entered 0.

Page 39 into five years ago, correct? 1 2 Α. That's correct. 3 And he negotiated a one-fourth royalty lease. 0. 4 That's a pretty good term on a lease, isn't it? 5 Α. Maybe. 6 Q. And when it comes to Norma Loving, she's telling 7 you one thing, and do you generally believe what people 8 tell you? 9 Α. Sure. 10 And she said, "Don't contact him, contact me." Q. 11 Α. Yes. 12 And they are both co-trustees, so... Q. 13 Α. To answer Mr. Brooks' question, I believe they 14 are two separate trusts, which is why there are two 15 separate leases. 16 MR. BROOKS: Well, that's an entirely viable possibility; however, the way they're listed as parties in 17 their papers doesn't indicate that. 18 MR. BRUCE: And all I will say, Mr. Examiner, is 19 that Exhibit 1 submitted by Mr. Baird shows Weldon Baird 20 as co-trustee of the Beulah M. Baird Trust. That's why 21 I'm saying co-trustee. 22 MR. BROOKS: That is what I was aiming at on was 23 24 calling it co trustee, because usually co-trustees means 25 they are trustees of the same trust.

Page 40 (BY MR. BRUCE) And I might have misheard, but 1 Q. 2 you had trouble getting hold of Mr. Baird himself? We did. 3 Α. 4 You tried several times? ο. 5 Yes. Α. 6 And when you send out a Well Proposal to Q. 7 someone, in looking at it you don't go in there and say, 8 "Hey, if you don't respond we are going to force pool you," do you? 9 10 Α. No. 11 0. That could be considered a threat, don't you 12 think? 13 Yes. Α. 14 And when it comes to their exact interest in a 0. 15 well unit, or at least in a tract, don't you also assume 16 people know what in the heck they own in a tract? 17 Α. Yes. 18 But they could have called you up and asked? Q. 19 Α. Absolutely. 20 Q. And you would have given them the information. 21 Α. Yes. MR. BRUCE: Thank you. 22 MS. KESSLER: Mr. Examiner, if I may? 23 I would 24 like redirect. 25 MR. BROOKS: Yeah, I was going to say. This is

Page 41 not your witness. 1 MS. SHAHEEN: That's true. 2 3 MR. BROOKS: You may proceed, Ms. Kessler. 4 MS. KESSLER: Thank you. 5 REDIRECT EXAMINATION 6 BY MS. KESSLER: 7 Mr. Smith, as Mr. Bruce was touching on, you Q. 8 sent letters to Mr. Baird; is that correct? 9 Α. We did. 10 You left voice mails for Mr. Baird? Q. We did. 11 Α. 12 At any point did Mr. Hellums contact you to tell Q. 13 you that he represented Mr. Baird prior to you sending out 14 the pooling letter? 15 Α. No. I'm going to look at Ms. Shaheen's Exhibit 4, I 16 0. 17 think she pointed to. This is the exhibit that contains both a 18 19 letter to pool parties and also to offsets. These two wells are side by side; is that 20 21 correct, the 601H and the 602H. 22 Α. That's correct. 23 Q. So Mr. Baird was in fact both a pooled party and 24 an offset, right? 25 A. That's correct.

Page 42 1 And is it your understanding that you are Q. 2 required to provide notice to both the offsets and the 3 pooled parties under the old horizontal well rule? 4 Α. Yes. 5 These letters had your phone number on them, 0. 6 correct? 7 They did. They did. Α. 8 0. Did he ever call you? 9 Α. No. MS. KESSLER: That's all I have. 10 11 MR. JONES: Do you want to -- are you submitting 12 these for admission today, these exhibits? 13 MS. SHAHEEN: Yes, I would like to admit these 14 for admission today. 15 MR. JONES: Exhibits 1 through 6. Any 16 objections to Weldon Baird -- is it Baird Trust or Weldon Baird? 17 18 MS. SHAHEEN: It's Weldon Baird as Co-Trustee of the Beulah M. Baird Trust. 19 20 MR. JONES: Okay. They are admitted. 21 I trust everyone knows what they're talking 22 about here. 23 CROSS-EXAMINATION 24 BY MR. JONES: 25 0. I want to go back to -- the well names are

Page 43 different than what you put in the application. You said 1 2 you had a sundry in to change that bottom hole location --3 of both wells, is that right? 4 Α. Just the 602H. 5 Okay. And -- it's going to called the Duck 0. Hunt 1 State Com 601H and 602H? 6 7 Yes, sir. Α. 8 Okay. I'm sure of that. 0. 9 And the pool, you said -- for some reason, 10 when I print it cuts off my pool name here. I could go with a backup, but you said Antelope Ridge Bone Spring? 11 12 A. Antelope Ridge, Bone Spring. And I believe the 13 pool code is 2205. 14 0. Just four digits? 15 (Note: The reporter requested a recess to 16 reboot her machine.) 17 MR. JONES: Sure. Do you want to take a five-minute break? 18 (Note: A brief recess was taken.) 19 MS. KESSLER: Mr. Examiner, if we are back on 20 the record, I have one additional exhibit, with your 21 22 permission. 23 MR. JONES: Okay. 24 (Note: Exhibit 13 marked.) 25 FURTHER REDIRECT EXAMINATION

Page 44 BY MS. KESSLER: 1 2 Mr. Smith, I have placed in front of you what I 0. 3 have marked as Exhibit 13. Is this the Return Receipt 4 green card that accompanied the Well Proposal letter? 5 Α. This is. 6 To Mr. Weldon Baird, correct? Q. 7 Α. Correct. 8 Q. Whose signature is on this? 9 Α. Brad Hellums. 10 What is the date? 0. 11 May 19. Α. 12 Q. So he could have contacted you beginning May 13 19th, but he did not; is that correct? Α. 14 That's correct. MS. KESSLER: That's all I have. 15 MR. JONES: Yeah. I was asking some questions. 16 17 CROSS-EXAMINATION 18 -CONTINUED-19 BY MR. JONES: 20 The Antelope Ridge Bone Spring North 2205. Q. 21 And you put the surface hole location and 22 the letter "I". Is that because of just -- this is state 23 land so you just want to drill from the pad, is that the 24 deal? 25 Yes, sir. We have existing roads around there Α.

Page 45 that own leases in the area so we want to make sure it's 1 2 all in the same area. 3 And mile-and-a-half wells instead of two-mile? 0. 4 Α. Correct. That's based on the other ownership we 5 have in the area and how it lines out so that we don't strand in different areas. 6 7 Okay. And these are standard locations? Q. 8 Working interest owners and unleased 9 mineral interest owners. Okay. Mr. Brooks? 10 MR. BROOKS: I've forgotten your name already. 11 THE WITNESS: Gavin Smith. 12 CROSS-EXAMINATION 13 BY MR. BROOKS: 14 Mr. Smith, do you know anything that will shed 0. 15 any light on these two trust leases and the trusts that those trustees represent? 16 I don't. I think it will require further 17 Α. research from us. And it does look like both say 18 co-trustees of the Beulah Baird Trust, I believe. 19 So I don't think I do. 20 21 Q. If I were writing a title opinion I would put in a discussion requirement in that opinion, but I am not 22 23 righting a title opinion and I don't think I need it to 24 write an Order in this case. 25 So the question would be whether you're

Page 46 satisfied that you have jurisdiction, that you have 1 2 properly notified both trustees, and presumably they 3 know -- people are presumed to know what they own, whether 4 they actually do or not, so I'm satisfied on that. 5 And I would not require that the case be 6 reopened for that purpose. 7 That's all I have. 8 MR. JONES: Okay. Any other questions for this witness? 9 10 MS. KESSLER: No. We will call our next 11 witness. 12 MR. JONES: Okay. Okay. 13 MR. BROOKS: Did you admit Exhibit 13? 14 MS. KESSLER: We would offer Exhibit 13. MS. SHAHEEN: No objection. 15 MR. JONES: Exhibit 13 of Centennial is 16 admitted. 17 18 MR. BROOKS: Let me say one thing here. If the issue is whether or not the parties 19 sufficiently negotiated in good faith, we've held in the 20 past that the remedy -- well, it used to be dismissal back 21 when Michael Stogner was running these hearings, but 22 dismissal without prejudice to refiling. But since then 23 24 we've usually done it with just granting a continuance. 25 Would that be -- would that create problems

Page 47 for the Applicant if we were to continue this case, say 1 2 for two weeks or four weeks, to allow the parties to further explore these matters? 3 4 MS. KESSLER: Mr. Examiners, the spud date is 5 September 25th for this well. (Note: Ms. Kessler conferred with the witness 6 7 off the record.) 8 So it is likely that the well could be 9 drilled, but an Order would be needed to complete the well. 10 Let's see. We are at the end of July right 11 12 now. If we could still get an Order by around September 13 25th, a two-week continuance would not prejudice. 14 MR. BROOKS: Well, I'm going to suggest, then, 15 to the examiner that we continue it for two weeks, which doesn't give a chance to bring in additional parties but 16 it does give a chance for the parties to further negotiate 17 if they are so disposed. 18 19 MR. JONES: Any response to that? 20 MS. SHAHEEN: We would agree with that 21 recommendation. 22 MR. JONES: Okay. MR. BROOKS: And I will add because of what the 23 24 examiner said to me in the hall that I will still be available to write the Order. 25

Page 48 MS. KESSLER: I would simply ask in two weeks, 1 Mr. Examiner, that if there is a continuance that at that 2 time it be taken under advisement. 3 4 MR. BROOKS: We would presumably do so if the 5 parties do not -- hopefully the parties can come to some understanding of this situation. 6 7 It would be helpful to me if there would be 8 a further land investigation about these trusts and 9 whether or not they are actually one trust or two trusts 10 and whether or not there's a trust instrument that's in your files anywhere. 11 12 MS. KESSLER: We can provide that. 13 MR. BROOKS: Thank you. That would be helpful. 14 Other than that, I think it looks like a 15 routine compulsory pooling case. 16 And remind me that you will need it expedited when we come back to the next hearing, because I 17 have to make a record of that or I forget which case it's 18 19 been on. 20 MS. KESSLER: I will. 21 MR. JONES: Okay. 22 MS. KESSLER: May we proceed? 23 MR. JONES: Yes. 24 JOHN HARPER, 25 having been previously sworn, testified as follows:

	Page 49
1	DIRECT EXAMINATION
2	BY MS. KESSLER:
3	Q. Please state your name for the record.
4	A. John Harper.
5	Q. By whom are you employed?
6	A. Centennial Resource Development.
7	Q. In what capacity?
8	A. Geologist.
9	Q. Have you previously testified before the
10	Division?
11	A. No.
12	Q. Can you please outline your educational
13	background.
14	A. I received a Bachelor of Science degree from the
15	University of Georgia in geology in 2013. I received a
16	Master's of Science degree in geology, in geological
17	engineering from the Colorado School of Mines in 2015.
18	Q. What has been your work history?
19	A. I formerly was employed by EOG Resources since
20	2015. I have since while working for EOG Resources I
21	was a geologist under EOG's office in Eddy County, the
22	acreage position in New Mexico, and I have since left EOG
23	Resources and joined Centennial Resource Development in
24	April of this year.
25	Q. So you mentioned that your responsibilities at

Page 50 efforts EOG and now Centennial include the Permian Basin, 1 2 correct? Yes, both jobs include the Permian Basin. 3 Α. 4 ο. Are you familiar with the applications filed in 5 theses cases? 6 Α. Yes. 7 Have you conducted a geologic study of the lands Q. 8 covered by this application? 9 Α. Yes. 10 MS. KESSLER: Mr. Examiner, I would tender the witness as an expert in petroleum geology. 11 12 MR. JONES: Any objection? 13 MS. SHAHEEN: No objection. 14 MR. JONES: I used to work with a geologist from 15 Georgia. He was always talking about the Bulldogs. 16 He is so qualified. Sorry. 17 (BY MS. KESSLER) What is the target formation? Q. The target formation is Third Bone Spring Sand. 18 Α. 19 0. Have you prepared a structure map and cross 20 section? 21 Α. Yes, I have. 22 If you turn to Exhibit 9. Is this a locator map 0. 23 showing the two wells? 24 Α. Yes, it is. 25 And it shows the Centennial acreage and the 0.

Page 51 proposed laterals, correct? 1 Yes. Centennial in yellow and proposed laterals 2 Α. in the black lines. 3 4 ο. And also offset wells? That's correct. The wells in the red laterals 5 Α. 6 are all Bone Spring wells in this area. 7 Q. Is Exhibit 10 a structure map of the Third Bone 8 Spring Sands? 9 Yes, it is. Α. 10 Can you walk us through this exhibit. Q. This is a subsea structure map taken from the 11 Α. 12 top of the Third Bone Spring Sand and the data points on 13 the wells used to construct the structure map were shown 14 here. Again the acreage, this is Centennial's operating in yellow on the 601 and 602 are dashed in black lines. 15 You can see structure indicating slight downdip for three 16 laterals, and the structure is cohesive across both 17 laterals. 18 19 0. So no geologic hazards, no pinchouts, no 20 faulting? 21 Α. No. 22 Is Exhibit 11 an exhibit showing the line of 0. 23 section used for your cross section exhibit? 24 Α. Yes. There's four wells included in this cross 25 section A to A prime that traverses the expected

Page 52 horizontal lateral for both these wells. We used these 1 2 because they are the area and go deep enough. They have logs that cover the Third Bone Spring Sand. 3 4 Q. Is Exhibit 12 your cross section exhibit? 5 Α. Yes, it is. 6 Q. Please walk us through. 7 This is a cross section that is shown on the Α. 8 previous page, A to A prime from left to right. This 9 cross section is hung on the top of the Third Bone Spring 10 Sand. The two tracks shown on these logs are track 1, the gamma ray, and then track 2 the deep resistivity separated 11 by the depth column. The red line at the base shows the 12 13 top of Wolfcamp location, and I have highlighted in this 14 red bracket the target interval for both the 601 and 602. 15 Q. In your opinion is the target interval continuous across the proposed spacing unit? 16 17 Α. Yes. 18 What conclusions have you drawn, based on your Q. 19 geologic study of this area? There are no geologic impediments in this area 20 Α. for developing one-and-a-half-mile horizontal wells. This 21 area can be efficiently and economically developed using 22 horizontal wells, and the acreage of this proposed unit 23 24 will contribute more or less equally to the production from these wells. 25

Page 53 In your opinion will the granting of 1 Q. 2 Centennial's application be in the best interest of 3 conservation, the prevention of waste, and the protection 4 of correlative rights? 5 Α. Yes. 6 Q. Were Exhibits 9 through 12 prepared by you or 7 compiled under your direction and supervision? 8 Α. Yes. 9 MS. KESSLER: I would move the admission of 10 Exhibits 9 through 12. MR. JONES: Any objections? 11 12 MS. SHAHEEN: No objection. 13 MR. JONES: Exhibits 9 through 12 for Centennial 14 will be admitted. 15 Ms. Shaheen? 16 MS. SHAHEEN: No questions for this witness. 17 CROSS-EXAMINATION BY MR. JONES: 18 19 0. Well, you hung this from the top of the Bone -this says the top of the Bone Spring. Is it top of A 20 21 certain one of the Bone Spring Sands? 22 Top of the Third Bone Spring Sand. Α. 23 ο. So T means third? 24 Α. Yes, sir. 25 Okay. And you you're basically going to drill 0.

Page 54 right at the -- right on top of the Wolfcamp. Is that not 1 called Wolfbone in this area? There's a definite Antelope 2 3 Ridge and they want to leave it in that pool; is that 4 right? 5 I believe the pool is what Gavin mentioned, the Α. Bone Spring Pool. 6 7 I'm sure Paul will tell you if it's different. Q. 8 It's already permitted so he already looked 9 at it. He had to go through some medical issue recently 10 but... 11 Anyway, I don't have any more questions. 12 Mr. Brooks? 13 MR. BROOKS: No questions. 14 MR. JONES: No more questions for this witness? MS. KESSLER: No more questions for this 15 16 witness. MR. JONES: Okay. We did admit these exhibits, 17 right? 18 19 MS. KESSLER: We did. 20 MR. JONES: Okay. We are going to continue both of these cases, Cases 16265 and 16266 to August the 9th, 21 22 and the hearing is concluded. 23 (Time noted: 4:03 p.m.) 24 25

	Page 55
1	STATE OF NEW MEXICO )
2	) SS
3	COUNTY OF TAOS )
4	
5	REPORTER'S CERTIFICATE
6	I, MARY THERESE MACFARLANE, New Mexico Reporter
7	CCR No. 122, DO HEREBY CERTIFY that on Thursday, July 26,
8	2018, the proceedings in the above-captioned matter were
9	taken before me; that I did report in stenographic
10	shorthand the proceedings set forth herein, and the
11	foregoing pages are a true and correct transcription to
12	the best of my ability and control.
13	I FURTHER CERTIFY that I am neither employed by
14	nor related to nor contracted with (unless excepted by the
15	rules) any of the parties or attorneys in this case, and
16	that I have no interest whatsoever in the final
17	disposition of this case in any court.
18	
19	
20	MARY THERESE MACFARLANE, CCR NM Certified Court Reporter No. 122
21	License Expires: 12/31/2018
22	
23	
24	
25	