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 SPECIAL ENERGY CORPORATION FOR A NONSTANDARD OIL SPACING AND PRORATION UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO. CASE NO. 15712

Consolidated with

APPLICATION OF SPECIAL ENERGY CORPORATION FOR A NONSTANDARD OIL SPACING AND PRORATION UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO. CASE NO. 15713

REPORTER'S TRANSCRIPT OF PROCEEDINGS

EXAMINER HEARING

June 8, 2017

Santa Fe, New Mexico

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

This matter came on for hearing before the New Mexico Oil Conservation Division, Michael McMillan, Chief Examiner, William V. Jones, Technical Examiner, and David K. Brooks, Legal Examiner, on Thursday, June 8, 2017, 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

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Albuquerque, New Mexico 87102

Page 2 1 APPEARANCES 2 FOR APPLICANT SPECIAL ENERGY CORPORATION: 3 GARY LARSON, ESQ. HINKLE SHANOR, LLP 4 218 Montezuma Avenue Santa Fe, New Mexico 87501 5 (505) 982-4554 glarson@hinklelawfirm.com 6 7 FOR BETTY AND JAMES KRINGEL: 8 J. SCOTT HALL, ESQ. MONTGOMERY & ANDREWS LAW FIRM 9 325 Paseo de Peralta Santa Fe, New Mexico 87501 (505) 982-3873 10 shall@montand.com 11 12 13 14 15 16 17 18 19 2.0 21 22 23 24 25

	Pa	age 3
1	INDEX	
2	I	PAGE
3	Case Numbers 15712 and 15713 Called	4
4	Special Energy Corporation's Case-in-Chief:	
5	Witnesses:	
6	Gary Bond:	
7	Direct Examination by Mr. Larson	5 13
8	Cross-Examination by Mr. Hall Cross-Examination by Examiner McMillan Cross-Examination by Examiner Brooks	15 16
9	Cross-Examination by Examiner Jones	19 21
10	Redirect Examination by Mr. Larson Recross Examination by Examiner Jones Recross Examination by Examiner Brooks	30 31
11	David Michael Burke:	31
12		
13	Cross-Examination by Examiner McMillan	3,42 38 9,47
14	Recross Examination by Examiner McMillan Recross Examination by Examiner Jones	41 41
15	Proceedings Conclude/Certificate of Court Reporter 48	3/49
16	EXHIBITS OFFERED AND ADMITTED	
17	Case Number 15712:	
18	Special Energy Corp. Exhibit Numbers 1 through 6	14
19	Special Energy Corp. Exhibit Numbers 7 through 9	38
20	Case Number 15713:	
21		0.0
22	Special Energy Corp. Exhibit Numbers 1 through 6	29
23	Special Energy Corp. Exhibit Number 7 through 9	45
24	(Exhibits 1 through 9 for Case Number 15713 were not	
25	provided to the court reporter and do not accompany this record.)	

- 1 (8:41 a.m.)
- 2 EXAMINER McMILLAN: Okay. At this time I
- 3 would like to call Case Number 15712, application of
- 4 Special Energy Corporation for a nonstandard oil spacing
- 5 and proration unit and compulsory pooling, Lea County,
- 6 New Mexico.
- 7 Call for appearances.
- 8 MR. LARSON: Good morning, Mr. Examiner.
- 9 Gary Larson, of the Santa Fe office of Hinkle Shanor,
- 10 for the Applicant, Special Energy.
- 11 EXAMINER McMILLAN: Any other appearances?
- 12 MR. HALL: Mr. Examiner, Scott Hall,
- 13 Montgomery & Andrews of Santa Fe, on behalf of Betty and
- 14 James Kringel.
- 15 EXAMINER McMILLAN: Thank you.
- 16 Please proceed.
- 17 MR. LARSON: I have two witnesses.
- Mr. Examiner, I had requested in my
- 19 pre-hearing statement that this case be consolidated
- 20 with Case 15713.
- 21 EXAMINER McMILLAN: Okay. At this time
- 22 Case Number 15712 shall be combined with Case 15713,
- 23 application of Special Energy Corporation for a
- 24 nonstandard oil spacing and proration unit and
- 25 compulsory pooling, Lea County, New Mexico.

1 And I'm assuming the same appearances in

- 2 both cases?
- 3 MR. HALL: Just the first.
- 4 EXAMINER McMILLAN: Okay.
- 5 GARY BOND,
- 6 after having been first duly sworn under oath, was
- 7 questioned and testified as follows:
- 8 DIRECT EXAMINATION
- 9 BY MR. LARSON:
- 10 Q. Good morning, Mr. Bond.
- 11 A. Good morning.
- 12 Q. State your full name for the record.
- 13 A. Gary Bond, B-O-N-D.
- 14 Q. Where do you reside?
- 15 A. Stillwater, Oklahoma.
- 16 Q. And by whom are you employed and in what
- 17 capacity?
- 18 A. Special Energy, vice president and land
- 19 manager.
- 20 Q. And do your responsibilities as vice president
- 21 of land include Special Energy's acreage in southeast
- 22 New Mexico?
- 23 A. Yes, sir.
- Q. And are you familiar with the land matters
- 25 pertaining to Special Energy's applications in Case

- 1 Numbers 15712 and 15713?
- 2 A. Yes, sir.
- Q. Have you previously testified at a Division
- 4 hearing?
- 5 A. No, sir.
- 6 Q. Have you ever testified at any hearings held by
- 7 an administrative agency that regulates the oil and gas
- 8 industry?
- 9 A. Yes, sir.
- 10 Q. What hearings are those?
- 11 A. In Oklahoma.
- 12 Q. Would you briefly summarize your educational
- 13 background and professional experience in the oil and
- 14 gas industry?
- 15 A. I have a bachelor's of business administration
- 16 from the University of Oklahoma with a major in
- 17 petroleum land management. I've been in the oil and gas
- 18 industry for almost 40 years now.
- 19 Q. And how long have you been with Special Energy?
- 20 A. September 1st will be 19 years.
- 21 MR. LARSON: Mr. Examiner, I tender
- 22 Mr. Bond as an expert in petroleum land matters for
- 23 purposes of Case Numbers 15712 and 15713.
- 24 EXAMINER McMILLAN: Any objections?
- MR. HALL: No objection.

- 1 EXAMINER McMILLAN: So qualified.
- Q. (BY MR. LARSON) I'll start with 15712, which
- 3 involves the proposed Decker #1H well. Would you
- 4 identify the document marked as Exhibit 1?
- 5 A. Form C-102, well location and acreage
- 6 dedication plat.
- 7 Q. And is Exhibit 1 a true and correct copy of the
- 8 C-102 for the Decker #1H?
- 9 A. Yes, sir.
- 10 Q. And what formation is Special Energy seeking to
- 11 pool?
- 12 A. San Andres.
- Q. Are there any depth exceptions in the San
- 14 Andres?
- 15 A. No, sir.
- 16 Q. And is the pool name the Gladiola; San Andres?
- 17 A. Yes, sir.
- 18 Q. And the pool code is 27810?
- 19 A. Yes, sir.
- Q. And is all the acreage in the proposed project
- 21 area fee land?
- 22 A. Yes, sir, it is.
- 23 Q. And what percentage of that acreage does
- 24 Special Energy have under lease?
- 25 A. Right at 75 percent.

1 Q. And does Special Energy hold interest in each

- 2 40-acre unit within the project area?
- 3 A. Yes, sir, they do.
- 4 Q. Would you identify the document marked as
- 5 Exhibit Number 2?
- 6 A. That is a copy of the well-proposal letter sent
- 7 out by our lease broker, R.K. Pinson, on Special
- 8 Energy's behalf.
- 9 Q. And does it also contain a list of the
- 10 uncommitted interests in the project area?
- 11 A. Yes, sir, it does.
- 12 Q. As well as return green cards?
- 13 A. Yes, sir.
- 14 Q. And was this letter prepared under your
- 15 direction and supervision --
- 16 A. Yes.
- 17 Q. -- by Special Energy's broker?
- 18 A. Yes, sir, it was.
- 19 Q. And is this a true and correct copy of the
- well-proposal letters that the broker sent?
- 21 A. Yes, sir, it is.
- 22 Q. And after the broker sent out the proposal
- 23 letters, did you communicate with any of the interest
- 24 owners?
- 25 A. We continue to communicate with many of the

1 interest owners. We've since leased some, and we are

- 2 still negotiating with others.
- Q. And in your opinion, has Special Energy made a
- 4 good-faith effort to lease uncommitted interests or
- 5 obtain voluntary joinder with the well?
- 6 A. Yes, sir.
- 7 Q. Would you next identify the document marked as
- 8 Exhibit Number 3?
- 9 A. That is the notice letter for the compulsory
- 10 pooling.
- 11 Q. And were the hearing notice letters sent at
- 12 your direction?
- 13 A. Yes, sir, it was.
- 14 Q. And is Exhibit 3 a true and correct copy of one
- 15 of those letters?
- 16 A. Yes, sir, it is.
- 17 Q. And if you flip over the first page, we see
- 18 another list of parties that notice was sent to; is that
- 19 correct?
- 20 A. Yes, sir.
- 21 Q. And this list is larger than the list in
- 22 Exhibit 2. Why is that?
- 23 A. Some of the older oil and gas leases that we
- 24 have acquired have old language in them that limits the
- 25 oil spacing to 40 acres, so we took a conservative

- 1 approach and decided to add those leasehold mineral
- 2 owners, lessors to this list of notice because we're
- 3 asking for a 160-acre nonstandard. And it's a
- 4 conservative approach of the reading of the oil and gas
- 5 lease, those older leases.
- 6 Q. Would you next identify the document marked as
- 7 Exhibit 4?
- 8 A. If I can get to Exhibit 4.
- 9 That is the notice letter to the offset
- 10 owners.
- 11 Q. Does that also include a list of those offsets?
- 12 A. Yes, sir, it does.
- 13 Q. And were the notice letters to the offset
- 14 interests prepared and sent at your direction?
- 15 A. Yes, sir, it was.
- 16 Q. And is Exhibit 4 a true and correct copy of one
- 17 of those notice letters?
- 18 A. Yes, sir, it is.
- 19 Q. And does Special Energy have good addresses for
- 20 all of the uncommitted and offset interests identified
- 21 in Exhibits 3 and 4?
- A. No, sir, we do not.
- Q. What efforts has Special Energy undertaken to
- 24 ascertain good addresses?
- 25 A. We started in an abstractor's office, from

- 1 there to the county records, from there to our
- 2 subscriptions and services that we subscribed to to look
- 3 up people, find people, track people down, such as
- 4 LexisNexis. There is a Social Security look-up service
- 5 that we use.
- 6 Also, during the leasing process, as we're
- 7 going through some of these heirs or purported heirs of
- 8 unprobated estates, we're constantly asking names,
- 9 connections. You know, through the general leasing
- 10 process, we're looking for people as we talk to people
- 11 that own minerals in the same unit.
- 12 Q. In your opinion, has Special Energy made a
- 13 good-faith effort to find good addresses for the
- 14 uncommitted in the San Andres?
- 15 A. Yes, sir.
- 16 Q. And given the fact that you were unable to
- 17 locate good addresses for everybody, has Special Energy
- 18 published a notice that identifies each of the
- 19 uncommitted and offset interests listed in Exhibits 3
- 20 and 4?
- 21 A. Yes, sir, we did.
- Q. Would you identify the document marked as
- 23 Exhibit 5?
- A. Exhibit 5 is a copy of that Publication of
- 25 Notice published in the "Hobbs News-Sun" on May 19th,

- 1 2017.
- 2 Q. And is Exhibit 5 a true and correct copy of the
- 3 Affidavit of Publication?
- 4 A. Yes, sir, it is.
- 5 Q. Would you next identify the document marked as
- 6 Exhibit 6?
- 7 A. It is the Special Energy-prepared Authorization
- 8 for Expenditure estimated cost to drill and complete the
- 9 proposed Decker #1H.
- 10 Q. And is Exhibit 6 a true and correct copy of the
- 11 AFE that was sent with the well-proposal letters?
- 12 A. Yes, sir, it is.
- 13 Q. And what are the estimated well costs indicated
- 14 on the AFE?
- 15 A. The estimated drilling cost is \$715,454.
- 16 Estimated completion costs are \$1,633,750. Completed
- 17 well costs are \$2,601,845.
- 18 Q. And do you have a recommendation for the amount
- 19 Special Energy should be paid for supervision and
- 20 administrative expenses?
- 21 A. Yes, sir, I do.
- 22 Q. What are those costs?
- 23 A. \$800 a month for operator's administrative
- 24 overhead, 8,000 for the drilling and completion of the
- 25 well.

1 O. And are those amounts consistent with and

- 2 similar to those charged by Special Energy for similar
- 3 horizontal wells?
- 4 A. Yes, sir, they are.
- 5 Q. And do you also recommend the rates for
- 6 supervision and administrative expenses be adjusted
- 7 periodically pursuant to the COPAS accounting
- 8 procedures?
- 9 A. Yes, sir, I do.
- 10 Q. And is Special Energy also requesting a 200
- 11 percent charge for the risk of drilling and completing
- 12 the Decker 1H?
- 13 A. Yes, sir, we are.
- 14 Q. In your opinion, will the granting of Special
- 15 Energy's application avoid the drilling of unnecessary
- 16 wells, protect correlative rights and serve the
- interests of conversation and the prevention of waste?
- 18 A. Yes, sir.
- 19 MR. LARSON: Mr. Examiner, I move the
- 20 admission of Exhibits 1 through 6.
- MR. HALL: I have no objection.
- 22 EXAMINER McMILLAN: Okay. Exhibits 1
- 23 through 6 may now be accepted as part of the record.
- 24 Please proceed.
- 25 (In Case Number 15712, Special Energy Corp.

1 Exhibit Numbers 1 through 6 are offered and

- 2 admitted into evidence.)
- 3 CROSS-EXAMINATION
- 4 BY MR. HALL:
- Q. Mr. Bond, so we can establish for the record,
- 6 you do not seek to force pool the interests of Betty and
- James Kringel; is that correct?
- 8 A. Correct.
- 9 Q. In fact, their interests have been under lease
- 10 to you since '16?
- 11 A. Yes, sir.
- 12 Q. Mr. and Mrs. Kringel were sent proposals -- a
- 13 well proposal by R.K. Pinson & Associates, your lease
- 14 broker, on April 10th, 2017; is that correct?
- 15 A. Yes, sir.
- 16 Q. And there was an amended well proposal and AFE
- sent April 17th, 2017; is that correct?
- 18 A. Yes, sir.
- 19 Q. And then the Kringels were sent a copy of the
- 20 pooling application under cover of letter from counsel,
- 21 Mr. Larson, on May 16th, 2017; is that correct?
- 22 A. Yes, sir.
- Q. And those were sent on the basis of the
- 24 mistake?
- 25 A. Yes, sir.

- 1 MR. HALL: That's all I have.
- 2 EXAMINER McMILLAN: Okay.
- 3 CROSS-EXAMINATION
- 4 BY EXAMINER McMILLAN:
- 5 Q. I need to clarify something. First of all, is
- 6 the pool code 27810?
- 7 MR. LARSON: Yes.
- 8 Q. (BY EXAMINER McMILLAN) So, basically, a portion
- 9 of the pooling has all clauses -- are without a pooling
- 10 clause? That's what you're saying, right?
- 11 A. No. We are -- we are pooling those parties
- 12 that we do not currently have a lease with.
- 13 Q. I realize that. But then part of what you're
- 14 asking for are the old leases that don't have pooling
- 15 clauses?
- 16 A. Some of the old leases do have pooling clauses
- 17 but state, specifically, 40-acre spacing for oil. So
- 18 it's mostly for the size and pooling of this interest
- 19 together as a conservative approach because it doesn't
- 20 have the language that a lot of the new lease forms do,
- 21 that add whatever the governmental authority recommends.
- 22 Q. And the next question I've got is you said you
- 23 drilled and completed for 2.6 million?
- 24 A. Yes, sir.
- Q. But your AFE says "2.5."

1 A. Excuse me. I couldn't read this morning

- 2 \$2,501,845. I stand corrected.
- Q. And the gladiola is statewide?
- 4 A. No, sir, not to my knowledge.
- 5 Q. Okay. This is statewide rules?
- 6 MR. LARSON: As far as I know.
- 7 Q. (BY EXAMINER McMILLAN) And the proposed project
- 8 area is orthodox?
- 9 A. Yes, sir.
- 10 EXAMINER McMILLAN: Go ahead.
- 11 EXAMINER BROOKS: Me?
- 12 EXAMINER McMILLAN: Uh-huh.
- 13 CROSS-EXAMINATION
- 14 BY EXAMINER BROOKS:
- 15 Q. Let's talk about the Kringels first, and then
- 16 I'll ask you some overall questions.
- 17 A. Yes, sir.
- 18 Q. They are royalty owners under a lease that
- 19 Special Energy holds the working interest in, correct?
- 20 A. Yes, sir, via R.K. Pinson leasing for us, which
- 21 is now assigned to us.
- 22 Q. Yeah. Okay.
- 23 And the pooling clause in that lease does
- 24 not permit dedicating that there are -- including their
- 25 royalty interest in a unit larger than 40 acres?

1 A. No, sir. It has the current contemporary

- 2 language in it. Theirs is mostly a mistake on our
- 3 broker's part sending them a proposal letter.
- 4 Q. Sending a proposal letter, yes --
- 5 A. Right.
- 6 Q. -- but you misspoke, though, did you not, when
- you said you don't intend to pool their interest,
- 8 because you do want their royalty interest to be
- 9 contributed to the unit?
- 10 A. Mr. Larson and I have had this conversation. I
- 11 did misspeak. Under the true meaning of pooling, yes,
- 12 we do want to pool, or consolidate, their interest into
- 13 the 160 acres.
- 14 Q. But since they're not a working interest owner,
- they would in no event be liable for risk penalty?
- 16 A. They would not be liable for any --
- 17 Q. Or any costs?
- 18 A. Or any costs.
- 19 Q. Because they're royalty owners?
- 20 A. Yes, sir.
- Q. And royalty owners don't pay costs.
- 22 A. Yes, sir. Correct.
- Q. Now, the general question here -- let's go back
- 24 over again what the significance of these various lists
- are, first Exhibit 2. These people were leased

- 1 interests?
- 2 A. These people are interests that we do not have
- 3 an agreement to either lease their interests or to
- 4 participate.
- 5 Q. So they may be leased or unleased?
- 6 A. In this particular case, the majority of them
- 7 are unleased.
- Q. Okay. What about Exhibit 3? What is that?
- 9 A. Exhibit 3 is the compulsory pooling notice
- 10 letter.
- 11 Q. And that is sent to whom? What category --
- 12 A. It was sent to the same people we sent the
- 13 well-proposal letter to. It did include what we thought
- 14 would be a conservative approach to the older oil and
- 15 gas leases in here. There are some old HBP leases in
- 16 here that have simple pooling language that limits the
- 17 pooling size to 40 acres.
- 18 Q. So the list attached to Exhibit 3 includes both
- 19 unleased mineral owners and owners of leased interests
- where the leases do not permit 160-acre pooling?
- 21 A. Correct.
- Q. Okay. And what about Exhibit 4? What is that?
- 23 A. Exhibit 4 is the offset owner list.
- Q. Oh, okay. So we don't need to be concerned
- 25 about that.

Okay. I think that's all I have -- well, a

- 2 catchall question: Do the list of people to whom these
- 3 letters were sent include all persons who, to your
- 4 knowledge, own interests in this unit who were not
- 5 committed -- interests which were not committed to the
- 6 well and which are reflected by interests of record or
- 7 whose identity you have actual notice of?
- 8 A. Yes, sir.
- 9 Q. That's all I have, except to say that I agree
- 10 with your conservative approach. In fact, I think the
- 11 OCD rules require it.
- 12 CROSS-EXAMINATION
- 13 BY EXAMINER JONES:
- 14 Q. So how did Special Energy obtain an interest in
- 15 this area?
- 16 A. We engaged R.K. Pinson, the lease broker, to
- 17 buy oil and gas leases for us. Prior to this hearing,
- 18 there is an assignment of record from all of the leases
- 19 R.K. Pinson took on our behalf to where Special Energy
- 20 today holds record title to these leases.
- 21 Q. Okay. And where is this located? Is this --
- 22 Lea County, but it's -- is this close to Milnesand or --
- 23 A. It's about eight miles east of Tatum.
- Q. Oh. It's right on the state line then.
- 25 A. Yes, sir.

1 Q. Where those Devonian wells are, bunch of

- 2 Devonian wells?
- A. We bought the northern end of the Devonian in
- 4 Roosevelt. That's why some of these are HBP.
- 5 Q. The Gladiola Field?
- 6 A. The Gladiola, yes, sir.
- Q. Okay. So the Williamsons -- they're kind of a
- 8 common name out there -- they're mainly to the north. I
- 9 notice you have some in this, Williamson names. What is
- 10 the most common landowners that you had here?
- 11 A. Mineral owner?
- 12 **Q.** Yeah.
- 13 A. In my project area -- in this spacing unit, I
- 14 don't know that I could answer that question without
- 15 reviewing it specifically, but, in general, there is a
- 16 family by the name of Field out of Lubbock, Texas, who
- 17 is the single largest mineral owner under lease.
- 18 Q. And your notice to the surrounding people -- I
- 19 just see a list of names and a proof of notice, but I
- 20 don't see the -- I could be missing it -- the outline of
- 21 the different tracts around them. You just picked all
- 22 40 acres tracts surrounding you --
- 23 A. Yes, sir, all 40 acres, 120 acres to the north,
- 24 150 acres to the south, 160 acres on each side.
- Q. Okay. Thank you.

1 One more question. How long will it take

- 2 the well to drill?
- 3 A. What we're seeing -- this will be our first San
- 4 Andres well in New Mexico. We're seeing an average of
- 5 12 to 14 days to drill.
- 6 Q. Okay. So your \$8,000 a month for drilling will
- 7 be rounded up to one month for drilling probably?
- 8 A. Probably not. It would probably,
- 9 mathematically, work out more like 4,000 for drilling
- 10 and 4,000 for completion. It'll be prorated back to the
- 11 two weeks out of the month. So if you did it on a
- 12 monthly basis, it would prorate.
- 13 Q. Okay. I thought everybody rounded it up to at
- 14 least one month, but -- and so because of all of the
- owners out here, you feel it necessary to have 800 a
- 16 month overhead costs?
- 17 A. Yes, sir.
- 18 Q. Okay. Thank you.
- 19 EXAMINER McMILLAN: Thank you.
- 20 MR. LARSON: Mr. Examiner, a couple of
- 21 follow-up questions.
- 22 EXAMINER McMILLAN: Okay.
- 23 REDIRECT EXAMINATION
- 24 BY MR. LARSON:
- Q. Mr. Bond, after we received the pro se entry of

1 appearance on behalf of the Kringels, did Special Energy

- 2 and Pinson -- and/or Pinson communicate with the
- 3 Kringels?
- 4 A. Several times, yes, sir.
- 5 Q. And did they make the Kringels aware that they
- 6 were already under lease in the project area?
- 7 A. We reminded them, yes.
- 8 Q. Were they also made aware that you might be
- 9 seeking a risk factor of cost from them?
- 10 A. They were made aware that we would not be
- 11 seeking any money or costs from them.
- MR. LARSON: That's all I have,
- 13 Mr. Examiner.
- 14 EXAMINER McMILLAN: Okay. Thank you.
- 15 MR. LARSON: If I could, could I go ahead
- 16 and move into the next case while I have Mr. Bond up
- 17 there?
- 18 Q. (BY MR. LARSON) Mr. Bond, let's move to Case
- 19 Number 15713, which involves the proposed Jenna #1H
- 20 horizontal well. And would you identify the document
- 21 marked as Exhibit 1?
- 22 A. It's a copy of the C-102, the well location and
- 23 acreage location plat.
- 24 Q. And is it a true and correct copy of the C-102?
- 25 A. Yes, sir, it is.

1 Q. And what formation is Special Energy seeking to

- 2 **pool?**
- 3 A. San Andres.
- 4 Q. And within the San Andres, are there any depth
- 5 exceptions?
- A. No, sir, there are not.
- 7 Q. And is the pool for the proposed well the
- 8 wildcat San Andres?
- 9 A. Yes, sir.
- 10 Q. And is there a pool code for this --
- 11 A. Not to my knowledge.
- 12 Q. Have you had communication with Mr. Kautz about
- 13 that?
- 14 A. Yes, sir. I spoke to him, personally.
- 15 Q. So there is no number assigned yet?
- 16 A. Not yet.
- 17 Q. And is all the acreage in the proposed project
- 18 area fee?
- 19 A. Yes, sir, it is.
- 20 Q. And does Special Energy have a leasehold
- 21 interest in each of the 40-acre units within the project
- 22 area?
- 23 A. Yes, \sin , we do.
- Q. Would you next identify the document marked as
- 25 **Exhibit 2?**

- 1 A. It, again, is a copy of the well-proposal
- 2 letter sent out to those parties that we have not leased
- 3 yet or not made arrangements to participate with us yet.
- 4 O. Are those interests listed on Exhibit 2?
- 5 A. Yes, sir.
- 6 Q. And who prepared the list and the proposal
- 7 letters?
- 8 A. They were prepared by R.K. Pinson & Associates
- 9 at my request and recommendation.
- 10 Q. And is Exhibit 2 a true and correct copy of one
- of the well-proposal letters sent out by --
- 12 A. Yes.
- 13 Q. -- Special Energy's behalf?
- 14 A. Yes, sir, it is.
- 15 Q. And after R.K. Pinson sent out the
- 16 well-proposal letters, did you communicate with any of
- 17 the interest owners?
- 18 A. We continue with the process of trying to
- 19 negotiate a lease or participation arrangement.
- 20 Q. In fact, you came to an agreement on a lease
- 21 yesterday afternoon?
- 22 A. Yes, sir, we did.
- 23 Q. And in your opinion, has Special Energy made a
- 24 good-faith effort to lease all of the uncommitted
- interests or obtain their voluntary joinder in the well?

- 1 A. Yes, sir, we have.
- 2 Q. Would you next identify the document marked as
- 3 Exhibit 3?
- 4 A. Exhibit 3 is the notice letter for the
- 5 compulsory pooling.
- 6 Q. And was the hearing notice letter sent and
- 7 prepared at your direction?
- 8 A. Yes, sir, it was.
- 9 Q. And is Exhibit 3 a true and correct copy of one
- 10 of the those notice letters?
- 11 A. Yes, sir, it is.
- 12 Q. And does Exhibit 3 also have a list of parties
- 13 who received notice?
- 14 A. Yes, sir, it does.
- 15 Q. And as in the previous case, this list is
- longer than the list in Exhibit 2; is that correct?
- 17 A. Yes, sir.
- 18 Q. And what is the reason for that?
- 19 A. Again, there are some leases out there that we
- 20 conservatively look at that limits the pooling of oil
- 21 units to 40 acres.
- Q. Would you identify the document marked as
- 23 **Exhibit 4?**
- 24 A. That is the notice letter to the offset
- 25 ownership to this unit.

1 Q. And does Exhibit 4 also contain a list of those

- offsets and the green cards that have been received?
- 3 A. Yes, sir, it does.
- 4 Q. And were the notice letters to offsets prepared
- 5 and sent at your direction?
- 6 A. Yes, sir, they were.
- 7 Q. And is Exhibit 4 a true and correct copy of one
- 8 of those letters?
- 9 A. Yes, sir, it is.
- 10 Q. And does Special Energy have good addresses for
- 11 all of the uncommitted -- the offset interests
- 12 identified in Exhibits 3 and 4?
- 13 A. No, sir, we do not.
- 14 Q. And what efforts did you undertake to obtain
- 15 good addresses?
- 16 A. Utilizing the records of an abstract office,
- 17 the county records, communications with various mineral
- 18 owners, after contacting them to lease, that have
- 19 similar names, trying to find heirs, along with the
- 20 normal subscription services that we employ like
- 21 LexisNexis. We are continually making an effort to try
- 22 to find good addresses.
- 23 Q. And in your opinion, did Special Energy make a
- 24 good-faith effort to locate these people?
- 25 A. Yes, sir.

1 Q. And has Special Energy published notice that

- 2 individually identifies all of the uncommitted offset
- 3 interests identified in Exhibits 3 and 4?
- 4 A. Yes, sir, we did.
- 5 Q. And would you identify the document marked as
- 6 Exhibit 5?
- 7 A. Exhibit 5 is a copy of the publication notice
- 8 filed and published with the "Hobbs News-Sun" on May the
- 9 23rd, 2017.
- 10 Q. And is Exhibit 6 a true and correct copy of the
- 11 Affidavit of Publication?
- 12 A. Exhibit 5?
- 13 Q. I'm sorry. You're right, Exhibit 5.
- 14 A. Exhibit 5 is a representation of the true and
- 15 correct copy.
- 16 Q. And would you identify the document marked as
- 17 Exhibit 6?
- 18 A. It is an Authorization for Expenditure prepared
- 19 by Special Energy for the estimated cost to drill and
- 20 complete the San Andres well in here.
- 21 O. That's the Jenna #1H?
- 22 A. There's the Jenna.
- Q. Is Exhibit 6 a true and correct copy of the AFE
- that was sent with the well-proposal letters?
- 25 A. Yes, sir, it is.

1 O. And what are the estimated costs indicated on

- 2 the AFE?
- 3 A. They're the same as the previous, but I'll read
- 4 them again into the record. The drilling cost is
- 5 \$715,450; the completion, \$1,833,750. The completed
- 6 well costs are \$2,501,845.
- 7 Q. And do you have a recommendation whether or not
- 8 Special Energy should be paid for supervision and
- 9 administrative expenses?
- 10 A. Yes, sir. For the monthly operator's overhead,
- 11 it's \$800 per well per month. For the drilling and
- 12 completion, \$8,000, to be prorated for the time the
- 13 rig's on location.
- 14 Q. And are those amounts consistent and similar to
- 15 those charged by Special Energy for similar horizontal
- 16 wells?
- 17 A. Yes, sir, they are.
- 18 Q. And do you also recommend that the rates for
- 19 supervision and administrative expenses be adjusted
- 20 periodically pursuant to the COPAS accounting procedure?
- 21 A. Yes, sir.
- Q. And is Special Energy also requesting a 200
- 23 percent charge for the risk of drilling and completing
- 24 the Jenna #1?
- 25 A. Yes, sir, we are.

1 Q. In your opinion, will the granting of Special

- 2 Energy's application avoid the drilling of unnecessary
- 3 wells, protect correlative rights and serve the
- 4 interests of conservation and the prevention of waste?
- 5 A. Yes, sir.
- 6 MR. LARSON: Mr. Examiner, I move the
- 7 admission of Exhibits 1 through 6.
- 8 EXAMINER JONES: Exhibits 1 through 6 may
- 9 now be accepted as part of the record.
- 10 (In Case Number 15713, Special Energy Corp.
- 11 Exhibit Numbers 1 through 6 are offered and
- 12 admitted into evidence.)
- MR. LARSON: I will pass the witness.
- 14 EXAMINER McMILLAN: The first thing is we
- 15 have to have a pool code. And you will contact Hobbs,
- 16 and you will provide me with an email that states the
- 17 pool code.
- The second point that needs to be made is
- 19 that there was a hearing order in the San Andres. And
- that Applicant requested 800 and \$8,000, and the OCD
- 21 deemed that excessive. So you -- I believe, based on
- 22 that case, your charges are excessive, and the OCD will
- 23 permit the costs that were used in that case for your
- overhead and supervision charges. And if you can get an
- 25 engineer up here and explain why you have those costs,

- 1 we will hear your reasoning.
- 2 RECROSS EXAMINATION
- 3 BY EXAMINER JONES:
- 4 Q. Mr. Bond, are you an oilfield accountant?
- 5 A. No, sir, I'm not.
- 6 EXAMINER JONES: So Mr. Bond is a landman.
- 7 EXAMINER McMILLAN: The engineer will have
- 8 to explain that.
- 9 EXAMINER JONES: Maybe a statement, after
- 10 the hearing, from your accountant.
- 11 THE WITNESS: What I do know is we have
- 12 researched current rates in the area and know that those
- 13 are pretty much average.
- 14 EXAMINER McMILLAN: Like I said, there was
- 15 a hearing about a month ago where the OCD deemed your
- 16 charge as excessive.
- 17 THE WITNESS: Okay.
- MR. LARSON: Do you know the Case Number,
- 19 Mr. Examiner?
- 20 EXAMINER McMILLAN: No, but I can -- I'll
- 21 send you an email of it.
- 22 MR. LARSON: Would you like to hear from
- 23 Special Energy's accountant?
- 24 EXAMINER McMILLAN: Yeah. And if you have
- an engineer, an engineer's statement, too.

1 THE WITNESS: We can provide those.

- 2 EXAMINER McMILLAN: Okay.
- Go ahead.
- 4 RECROSS EXAMINATION
- 5 BY EXAMINER BROOKS:
- 6 Q. You've got a lot -- this is another one where
- 7 you've got a lot of interest owners, right?
- 8 A. Our average mineral owner in this area is 17
- 9 acres.
- 10 Q. Okay. And in other words, is this a divided
- 11 ownership, or do you have a lot of tracts or just a lot
- 12 of leases in there?
- 13 A. In both of these, these are single tracts.
- 14 Q. Okay. Do you happen to know how many tracts
- 15 there are? I'm just curious.
- 16 A. In the Jenna, the one we're talking about now,
- 17 there is one tract. That tract is actually bigger than
- 18 this 160.
- 19 Q. Oh, okay.
- 20 A. I mean, some of this area is HBP by older
- 21 leases. It is very -- there is a lot of history to the
- 22 area and a lot of activity in the area.
- 23 My second largest -- the average mineral
- owner is 17 acres through two townships.
- Q. And so it's undivided interest. It's not --

1 A. It is. Both of these are undivided. Yes, sir.

- Q. Well, it's not really necessary for me to know
- 3 that. I'm just curious.
- Did you -- you have, in this one, both
- 5 unleased mineral owners and royalty owners who do not
- 6 have adequate pooling clauses; is that correct?
- 7 A. Most so in this one than the previous.
- Q. Okay. And in this one, as in the previous one,
- 9 have you noticed and included in this proceeding all
- 10 those royalty owners whose pooling clauses were not
- 11 adequate to -- to authorize the inclusion of this
- 12 **160-acre unit?**
- 13 A. Yes, sir.
- 14 Q. And, generally speaking, have you notified all
- 15 interest owners in this unit who are not committed to
- 16 the well and whose ownership is reflected of record or
- whose identity you have actual knowledge?
- 18 A. Yes, sir.
- 19 EXAMINER JONES: I'll talk to Mr. Brooks
- 20 later about this. I don't have any more questions.
- 21 MR. LARSON: That's all I have for,
- 22 Mr. Bond.
- 23 EXAMINER McMILLAN: Thank you very much.
- 24 THE WITNESS: Thank you.
- MR. LARSON: Mr. Examiner, I'm going to

- 1 start with Mr. Burke on Case 15712.
- 2 DAVID MICHAEL BURKE,
- after having been previously sworn under oath, was
- 4 questioned and testified as follows:
- 5 DIRECT EXAMINATION
- 6 BY MR. LARSON:
- 7 Q. Good morning, Mr. Burke. Would you state your
- 8 full name for the record?
- 9 A. David Michael Burke.
- 10 Q. And where do you reside?
- 11 A. In Midland, Texas.
- 12 Q. And are you self-employed?
- 13 A. Yes. I'm a self-employed petroleum geologist
- 14 testifying on behalf of special interests.
- 15 Q. And were you previously employed by COG
- 16 Operating?
- 17 A. Yes.
- 18 Q. And were you retained by Special Energy to
- 19 provide geological analysis and testify on its behalf
- 20 today?
- 21 A. Yes, I was.
- 22 Q. And do you have experience with the drilling of
- 23 horizontal wells in southeast New Mexico?
- 24 A. Yes, sir, I have.
- 25 Q. And are you familiar with the geologic aspects

of the proposed Decker #1H well in the matters addressed

- 2 in Special Energy's application?
- 3 A. Yes, sir.
- 4 Q. And have you previously testified in a Division
- 5 hearing?
- 6 A. Yes, I have.
- 7 Q. At each of those hearings, did the Examiner
- 8 accept your qualifications as an expert in petroleum
- 9 geology?
- 10 A. Yes, they did.
- 11 MR. LARSON: Mr. Examiner, I tender
- 12 Mr. Burke as an expert in petroleum geology for purposes
- 13 of Cases 15712 and 15713.
- 14 EXAMINER McMILLAN: Any objection?
- MR. HALL: No objection.
- 16 EXAMINER McMILLAN: So qualified.
- 17 Q. (BY MR. LARSON) Focusing first on the exhibits
- in Case 15712, I'll ask you to identify the document
- 19 marked as Exhibit 7.
- 20 A. Exhibit 7 is just a locator map of the area
- 21 where the project is planned. This area is kind of in
- 22 the central -- very eastern part of Lea County, as the
- 23 crow flies, pretty close to the state line. Yoakum
- 24 County is right across the line. This also shows that a
- 25 cross section, A to B, as an example -- I'll use an

1 example on the geological section that we're targeting

- 2 for this well.
- Q. And was this exhibit prepared by Special
- 4 Energy's geology department?
- 5 A. It was.
- 6 Q. And is the exhibit a true and correct copy of
- 7 the locations?
- 8 A. Yes, sir.
- 9 Q. And will the completed interval of the Decker
- 10 #1H comply with the Division setback requirements?
- 11 A. It will.
- 12 O. And what is the status of the offset wells that
- 13 are identified on Exhibit 7?
- 14 A. Most of those wells that you see to the
- 15 northwest there are older Devonian wells, drilled in the
- 16 late '50s and early '60s. They're nearly, all of them,
- 17 plugged and abandoned now. There is -- actually, for
- 18 our target zone, there's no production on this map area.
- 19 Q. Would you identify the document marked as
- 20 Exhibit 8?
- 21 A. Sure. This is a structure map. And this
- 22 structure map is mapped upon an interval within the --
- 23 within the San Andres Formation at the top of the
- 24 porosity that we're going to target, which is -- and
- 25 you'll see on the next document, on the cross section.

1 It's a porous dolomite embedded with other carbonates,

- 2 with a tight capping carbonate above and below it.
- Q. And was this document also prepared by Special
- 4 Energy's geology department?
- 5 A. It was.
- 6 Q. And is it a true and correct copy of that
- 7 structure?
- 8 A. Yes, it is.
- 9 Q. And what does the structure map tell you about
- 10 the prospects for the Decker 1H?
- 11 A. What it shows that we have, in this area, a
- 12 deep-seated structural feature to our northwest where
- 13 the Devonian production is. It carries on up through
- 14 the shallower formations and dipping to the southeast
- 15 off of that feature.
- 16 Q. And would you next identify the exhibit marked
- 17 as Exhibit 9?
- 18 A. Exhibit 9 is a cross section depicted on both
- 19 of the last two exhibits, A to B. The datum that you
- 20 see there in red or orange is that marker that they
- 21 mapped the structure on in this particular area of the
- 22 San Andres Formation. It's a very consistent marker. I
- 23 call it P1. It's approximately 400 feet below the top
- 24 of the San Andres Formation. And for purposes of this
- 25 well, they'll be targeting down into that zone 100 to

- 1 200 feet, as the target in this area.
- Q. And is Exhibit 9 a true and correct copy of the
- 3 cross section prepared by Special Energy's geology
- 4 department?
- 5 A. Yes, it is.
- 6 Q. And what does the cross section tell you about
- 7 the target interval?
- 8 A. The cross section shows that there are really
- 9 no structural or geologic impediments in the area. I
- 10 see no faults. There seems to be a consistent thickness
- in porosity across the area and spread throughout [sic]
- 12 reservoir.
- 13 Q. Are there any geologic impediments in the
- 14 target area?
- 15 A. No, sir.
- 16 Q. And in your opinion, will the proposed well be
- 17 productive across the entire length of the completed
- 18 lateral?
- 19 A. It will.
- 20 Q. And in your opinion, will the granting of
- 21 Special Energy's application avoid the drilling of
- 22 unnecessary wells --
- 23 A. Yes, sir.
- 24 Q. -- protect correlative rights and serve the
- 25 interest of conservation and prevention of waste?

- 1 A. Yes, sir.
- 2 MR. LARSON: Mr. Examiner, I move the
- 3 admission of Exhibits 7, 8 and 9.
- 4 MR. HALL: No objection.
- 5 EXAMINER McMILLAN: Exhibits 7, 8 and 9
- 6 will now be accepted as part of the record.
- 7 (In Case Number 15712, Special Energy Corp.
- 8 Exhibit Numbers 7 through 9 are offered and
- 9 admitted into evidence.)
- MR. LARSON: And I'll pass the witness.
- 11 CROSS-EXAMINATION
- 12 BY EXAMINER McMILLAN:
- 13 O. Where is the P2 and P3 marker?
- 14 A. The P3 is just slightly below the P1, and the
- 15 P3, I believe, in the documents they sent me, will be
- 16 that lower black marker.
- Q. Okay. So I'm just curious for my own
- 18 edification. Is it about 5,008, looking the Elk Oil?
- 19 Is that crudely right?
- 20 A. Yes, sir. I think that would be very close.
- 21 Q. Okay. Everyone's, more or less, hitting the
- 22 **P1.**
- Do you think the P2 -- or, actually, your
- 24 objective is the P2.
- 25 Do you think there's anything in the P3?

- 1 Do you see that down the road?
- 2 A. You know, I'm not sure what Special Energy's
- 3 plans are for the area. You know, they're planning to
- 4 frac this interval I think along the lines of a couple
- 5 million pounds-plus. And I'm sure they'll do the
- 6 necessary testing to see if there -- you know, if
- 7 they're getting contribution hopefully from that area,
- 8 for whatever they're going to do, microseismic or
- 9 whatever, and make the determination. But I can't
- 10 testify to their future plans on that.
- 11 Q. So the target interval is going to be at 5,100
- 12 of the Elk Oil?
- 13 A. Yes. In that vicinity, yes.
- 14 EXAMINER BROOKS: I have no questions.
- 15 EXAMINER JONES: Mr. Hall, do you have any
- 16 questions?
- MR. HALL: No questions.
- 18 CROSS-EXAMINATION
- 19 BY EXAMINER JONES:
- 20 Q. Are you a carbonate geologist from way back?
- You're out of Midland, aren't you?
- 22 A. Yes.
- Q. Okay. What kind of water saturation are you
- 24 looking at out here?
- 25 A. You know, in this particular area, I have not

1 calculated the water saturation, but I spoke with the

- 2 geologist with Special Energy. And, you know, our
- analog field is about a dozen miles to the southeast,
- 4 over in Yoakum County, where they're drilling wells in
- 5 this interval with pretty good success right now, and he
- 6 says that those wells produce at a cut, after they've
- 7 cleaned up and everything, of about 20 percent oil.
- 8 Q. That's what we've heard from other hearings
- 9 here, about 20 percent oil cut, just not as good as some
- 10 of the Bone Spring. But it's still -- I guess that's
- 11 part of the play. You've got to deal with the water.
- 12 A. You know, and it's shallower, a little less to
- drill and complete and smaller fracs.
- 14 Q. Okay. Did you have any knowledge of any kind
- 15 of coring that would --
- 16 A. Only in conversations with them. Actually, the
- 17 well that I'm going to testify to next, the Jenna, they
- 18 have it planned first, if possible, because they have
- 19 better offsetting mud-log shows and things like that, a
- 20 little greater control compared to the analog fields.
- 21 But I have not looked at any cores or anything like
- 22 that.
- Q. Well, is it true you're targeting an interval
- 24 in the San Andres that is the lowest possible water
- 25 saturation you can get, or are you just going for

- 1 porosity?
- 2 A. I do not know that. I believe the porosity is
- 3 a primary objective in here. I think.
- Q. So this is an area -- correct me if I'm
- 5 wrong -- that the San Andres is not -- has shows
- 6 vertically, but it doesn't really produce vertically?
- 7 A. No, sir. On this map, none of those wells have
- 8 produced oil from the San Andres, as well as a pretty
- 9 significant area and circumference and several miles
- 10 around that. This is a legitimate Lea County wildcat.
- 11 Q. Okay. So a risky well?
- 12 A. Yes, sir.
- 13 RECROSS EXAMINATION
- 14 BY EXAMINER McMILLAN:
- 15 Q. Does the water cut -- do the water cuts
- decrease with time and production?
- 17 A. There is some of that. To my understanding,
- 18 speaking with the geologist, the oil cut does come up --
- 19 Q. You're essentially dewatering it?
- 20 A. Right.
- 21 RECROSS EXAMINATION
- 22 BY EXAMINER JONES:
- Q. And you're going to drill a Devonian disposal
- 24 well; is that right?
- 25 A. I believe they actually purchased the Devonian

1 well that they're -- that they're planning to dispose of

- 2 initially, and I guess Mr. Bond can testify more about
- 3 that than I do. You might have to get him back up here.
- 4 Q. Well, good luck with your wells.
- 5 THE WITNESS: Thank you.
- 6 EXAMINER BROOKS: No questions.
- 7 EXAMINER JONES: No need to continue these
- 8 two cases further down the road?
- 9 MR. LARSON: Well, I still have some
- 10 testimony on 15713.
- 11 EXAMINER JONES: Okay. Sorry.
- 12 DIRECT EXAMINATION
- 13 BY MR. LARSON:
- Q. Moving on to Case Number 713, I'll ask you to
- 15 identify Exhibit Number 7.
- 16 A. Exhibit Number 7, like the previous exhibit, is
- 17 a locator map of the area, those Devonian wells that you
- 18 see there, all of the dots. Awhile ago, we were on the
- 19 southeast part of this field. Now we've moved up a few
- 20 miles away to the northwest -- to the northwest part of
- 21 the field, same wells, same general area, same
- 22 geologically as far as our target zone.
- Q. And was Exhibit 7 prepared by Special Energy's
- 24 geology department?
- 25 A. It was.

1 Q. And is it a true and correct copy of the

- 2 location map?
- 3 A. Yes, sir, it is.
- 4 Q. And will the completed interval of the Jenna 1H
- 5 comply with the Division's setback requirements?
- 6 A. It will.
- 7 Q. And what is the status of the offset wells
- 8 identified on Exhibit 7?
- 9 A. Again, these are -- these are primarily old
- 10 Devonian wells that were drilled in the late '50s, early
- 11 '60s, cumulative production in the half-million-plus
- 12 range. Almost all of them are plugged and abandoned at
- 13 the present time.
- 14 Q. Would you identify the exhibit marked as
- 15 Exhibit -- the document marked as Exhibit 8?
- 16 A. Oh, that's the structure, again, on the P1
- 17 marker within the San Andres. And, again, it shows --
- 18 at this particular location, we're closer to the top of
- 19 the anticline, again, primarily dipping off to the
- 20 southeast.
- Q. And was this document prepared by Special
- 22 Energy's geology department?
- 23 A. It was.
- 24 Q. And is it a true and correct copy of the
- 25 structure map?

- 1 A. Yes, sir, it is.
- 2 O. And what does the structure map tell you about
- 3 the prospects for the company?
- 4 A. Well, from a geologic standpoint, it's updip to
- 5 the previously discussed Decker. It could very well
- 6 have a chance to a better water cut, you know -- better
- 7 oil cut. Excuse me.
- 8 Q. And would you identify the last document, which
- 9 is marked as Exhibit 9?
- 10 A. This exhibit, again marked on those previous
- 11 two exhibits, is A to B. It's a north-to-south cross
- 12 section hung on a datum, which is the P1 marker, down
- 13 into the San Andres Formation 3- to 400 feet. Again,
- 14 the target interval will be a couple hundred feet down
- 15 into the formation -- or below the target datum. And it
- 16 appears that the uniform [sic] across the area is
- 17 geologically uniform.
- 18 Q. And is Exhibit 9 a true and correct copy of the
- 19 cross section prepared by Special Energy's geology
- 20 department?
- 21 A. It is.
- 22 Q. And do you consider it to be representative of
- 23 the geology in the proposed project area?
- A. I do. It runs across the project area.
- Q. And what does it tell you about the target

- 1 interval?
- 2 A. The target area seems to be a consistent
- 3 lithology with similar porosities and similar
- 4 thicknesses, with no fault impediments or anything like
- 5 that, any other geological features like that.
- 6 Q. And in your opinion, will the proposed well be
- 7 productive along the entire length of the completed
- 8 lateral?
- 9 A. It will.
- 10 Q. And in your opinion, will the granting of
- 11 Special Energy's application avoid the drilling of
- 12 unnecessary wells, protect correlative rights and serve
- 13 the interest of conservation and the prevention of
- 14 waste?
- 15 A. Yes, sir, it will.
- 16 MR. LARSON: Mr. Examiner, I move the
- 17 admission of Exhibits 7 through 9 in Case 15713.
- 18 EXAMINER McMILLAN: Exhibits 7 through 9
- 19 may now be accepted as part of the record.
- 20 (In Case Number 15713, Special Energy Corp.
- 21 Exhibit Numbers 7 through 9 are offered and
- admitted into evidence.)
- MR. LARSON: And I will pass the witness.

24

25

1 CROSS-EXAMINATION

- 2 BY EXAMINER McMILLAN:
- Q. Essentially, looking at Exhibit Number 9 --
- 4 A. Yes, sir.
- 5 Q. -- where is the target interval?
- A. Again, it'll be -- it'll be somewhere between
- 7 100 and 200 feet from the top of the orange-colored
- 8 sided [sic] stratigraphic datum.
- 9 Q. Okay. So let's just look at the Special Energy
- 10 Corporation logs. It's going to be at about --
- 11 A. 5,000.
- 12 Q. -- 2- to 5,000?
- 13 A. Yes, sir.
- Q. By the way, where is the P2?
- 15 A. P2 would be at about 4,870.
- 16 Q. The P2 marker?
- 17 A. Yes, sir. The datum is on Pl.
- 18 Q. Right. But then you said what?
- 19 A. About -- approximately -- the top of the P1
- 20 would be at just below 48, and I would put the P2, based
- on the documents they sent me, approximately 75 feet
- 22 below that, so in the range of 4,870.
- 23 EXAMINER McMILLAN: Go ahead if you have
- 24 any questions, Will.

25

1 CROSS-EXAMINATION

- 2 BY EXAMINER JONES:
- Q. Do you run any TDT logs out there and look
- 4 behind the pipe for water saturation?
- 5 A. Not that I'm aware of. They're pretty old logs
- from the '50s and '60s.
- 7 Q. Oh, boy.
- 8 Is it typical San Andres, where you've got
- 9 like a long degradational zone, and you've got to go
- 10 from your lower water saturation to higher water
- 11 saturation?
- 12 A. That's yet undetermined because of the
- 13 inability to capture water saturation -- or accurate
- 14 water saturations, with not a lot of resistivity tools
- 15 and -- the sonic -- I mean, for the porosity. So it's
- 16 hard to do a detailed petrophysical on the water
- 17 saturation on this area.
- 18 EXAMINER JONES: Thank you very much. Mike
- 19 did his master's on the San Andres.
- 20 THE WITNESS: You could probably tell me
- 21 more about it than I know.
- 22 EXAMINER McMILLAN: I wouldn't say that.
- With that in mind, Case Numbers 15712 and
- 24 15713 shall be taken under advisement.
- 25 Be sure to get me the pool information, and

Page 48 if I don't get you the case number, email me and I'll provide that to you. 3 MR. LARSON: I will do that. And could I communicate about the 4 5 supervision and administrative costs via email, too, if 6 that's acceptable to Mr. Hall? 7 MR. HALL: (Indicating.) EXAMINER McMILLAN: And include him in the 8 9 email. That's the best way to do it. 10 MR. LARSON: Of course. 11 EXAMINER McMILLAN: Great. Case Numbers 15712 and 15713 will be taken 12 under advisement. 13 14 We're taking a ten-minute break. 15 (Case Numbers 15712 and 15713 conclude, 16 9:36 a.m.) 17 18 19 20 21 22 23 24 25

- 1 STATE OF NEW MEXICO
- 2 COUNTY OF BERNALILLO

3

- 4 CERTIFICATE OF COURT REPORTER
- 5 I, MARY C. HANKINS, Certified Court
- 6 Reporter, New Mexico Certified Court Reporter No. 20,
- 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
- 10 a true and correct transcript of those proceedings that
- 11 were reduced to printed form by me to the best of my
- 12 ability.
- I FURTHER CERTIFY that the Reporter's
- 14 Record of the proceedings truly and accurately reflects
- 15 the exhibits, if any, offered by the respective parties.
- I FURTHER CERTIFY that I am neither
- 17 employed by nor related to any of the parties or
- 18 attorneys in this case and that I have no interest in
- 19 the final disposition of this case.

20

21

MARY C. HANKINS, CCR, RPR

22 Certified Court Reporter New Mexico CCR No. 20

23 Date of CCR Expiration: 12/31/2017

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25