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2	FOR THE APPLICANT:	
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- 1 EXAMINER WARNELL: This is Case 14654,
- 2 application of Energen Resources Corporation for
- 3 exception to the well density provisions of the pool
- 4 rules for the Basin-Fruitland Coal Gas Pool for three
- 5 spacing units and for simultaneous dedication, Rio
- 6 Arriba, County, New Mexico.
- 7 Call for appearances.
- 8 MR. HALL: Mr. Examiner, Scott Hall,
- 9 Montgomery & Andrews law firm, Santa Fe, appearing on
- 10 behalf of the applicant, Energen Resources Corporation,
- 11 with three witnesses this morning.
- 12 EXAMINER WARNELL: Would those three
- 13 witnesses please stand? State your names.
- Mr. Poage, you're already sworn.
- MR. BENSON: Andrew Benson.
- MS. COLLIER: Rounak Collier.
- 17 (Two witnesses were sworn.)
- 18 EXAMINER WARNELL: Thank you.
- 19 DAVID POAGE
- 20 Having been first duly sworn, testified as follows:
- 21 DIRECT EXAMINATION
- 22 BY MR. HALL:
- Q. For the record, please state your name.
- 24 A. David Poage.
- Q. Where do you live and by whom are you

- 1 employed?
- 2 A. I live in Farmington, New Mexico. I'm
- 3 employed by Energen Resources Corporation.
- Q. What do you do for Energen?
- 5 A. I'm a district landman.
- 6 Q. You are familiar with the application that's
- 7 been filed in this matter and the lands that are the
- 8 subject of the application?
- 9 A. Yes.
- 10 Q. Have you previously been -- you had your
- 11 credentials accepted today as an expert petroleum
- 12 landman?
- A. Yes, sir.
- MR. HALL: At this point, Mr. Examiner, we
- offer Mr. Poage again as an expert petroleum landman.
- 16 EXAMINER WARNELL: So recognized.
- Q. (By Mr. Hall) Please explain to the Hearing
- 18 Examiner what Energen seeks by its application.
- 19 A. What we intend to do is we have three
- 20 sidetrack wells that we wish to drill in existing spacing
- 21 units, and these existing spacing units contain two
- 22 vertical wells as allowed by our current Fruitland Coal
- 23 rules and orders.
- What we request to be allowed to do is to
- 25 drill a horizontal sidetrack out of one of the wellbores

- 1 across the entire spacing unit, which means we would have
- 2 a portion of that lateral in the same quarter section
- 3 that another vertical well exists. What we intend to do
- 4 is ask for permission to continue to produce both
- 5 vertical wells, as well as the sidetrack, once the
- 6 sidetrack is completed.
- 7 Q. What formation and pool are we talking about?
- 8 A. The Basin-Fruitland Coal pool and the
- 9 Fruitland Coal Formation.
- 10 Q. You're familiar with the Division's special
- 11 pool rules applicable to the Basin-Fruitland Coal gas
- 12 pool?
- A. Yes, sir.
- 14 Q. Can you explain to the Examiner what the
- 15 current restrictions are in those rules with respect to
- 16 well densities?
- 17 A. Well density, as it currently exists outside
- 18 of the high productivity area defined in the order, which
- 19 this is outside of that HPA, density allows us to drill a
- 20 Fruitland Coal vertical well in each quarter section.
- Q. So Energen is asking for an exception to that
- 22 provision of the special pool rules to enable it to drill
- 23 the sidetracks?
- 24 A. That's correct.
- 25 Q. By drilling the sidetracks will it result that

- 1 you have more than one well producing from the coal in a
- 2 quarter section?
- 3 A. That's correct.
- 4 Q. Let's look at Exhibit Number 1. If you could
- 5 identify that, please?
- A. Exhibit Number 1 is a plat of the area we're
- 7 discussing. It's in Rio Arriba County, Township 32
- 8 North, Ranges 5 and 6 West. The three -- this is kind of
- 9 a cartoon. But the three laterals we intend to re-enter
- 10 and complete as horizontal laterals are shown.
- 11 The setback requirements in each case are for
- 12 the Elkhorn 100 well and the State Bancos 100S well are
- 13 660 setbacks, and our proposal complies with both the
- 14 setbacks in those two cases.
- The well in Section 25, which is the 32-5
- 16 Unit, Number 105S, that well has a different setback
- 17 requirement, in that because it's within the unit and not
- 18 on an exterior boundary of the unit, it's about a 10-foot
- 19 setback from the section line.
- 20 Q. On Exhibit 1, each of the 320 units that are
- 21 shown in Sections 25, 29 and 32, if we look on there, are
- 22 the existing Fruitland Coal wells reflected on the
- 23 exhibit?
- A. Yes, they are. They're in triangles. The
- 25 Fruitland Coal Formation on this plat is shown with a

- 1 triangle. The circles are around what are Mesaverde
- 2 wells and completions, and the square indicators are
- 3 Dakotas.
- 4 Q. Those are existing vertical wells?
- 5 A. Yes, they are.
- 6 Q. Each of them are producing from the Fruitland
- 7 Coal Formation?
- 8 A. Yes.
- 9 Q. What is shown by the red highlighted --
- 10 A. The red highlight is just that portion of the
- 11 unit boundary that exists in this area.
- 12 Q. Is there also an indication of the well path
- 13 for the sidetrack?
- 14 A. Yes. That is shown in red in each case.
- 15 Q. Let's look at Exhibits 2, 3 and 4. If you
- 16 would identify those, please.
- 17 A. These are the C-102s, which are the well
- 18 location and acreage dedication plats for each of the
- 19 wells. And in each case, they show the surface hole
- 20 location, and the lateral is shown by a dotted line, and
- 21 the bottomhole location is indicated by "BHL."
- Q. Exhibit 2 is for the Elkhorn 100?
- 23 A. Yes.
- 24 O. And Exhibit 3 is for the State Bancos 100S?
- 25 A. Yes.

- 1 Q. Exhibit Number 4 is the C-102 for the San Juan
- 2 32-5 Unit, 105S?
- 3 A. Yes.
- 4 O. Are the surface and bottomhole locations for
- 5 the Elkhorn and State Bancos wells orthodox and
- 6 permitted?
- 7 A. Yes.
- 8 O. Look at Exhibit 4 for the 32-5 Unit 105S. I
- 9 think you explained before, but the bottomhole location
- 10 for that well will be what?
- 11 A. 600 feet from the north line and 100 feet from
- 12 the west line.
- 13 Q. If we refer back to Exhibit Number 1, we can
- 14 see that well highlighted in red?
- 15 A. Yes.
- Q. Let me ask you about Exhibit 1. Is the
- 17 adjoining Section 30 part of the 32-5 Unit?
- 18 A. Yes, it is.
- 19 Q. And it's inclusion in the unit allows you to
- 20 locate the bottomhole that close to the section line?
- 21 A. Yes, it does.
- Q. Let's look at Exhibit Number 5. Would you
- 23 explain that?
- A. This exhibit shows each of the three wells, as
- 25 well as the spacing unit involved and the ownership of

- 1 each of the wells. It also has a column to show whether
- 2 or not the parties that own each of these wells have
- 3 agreed to participate and join in this effort.
- 4 Q. You have 100 percent participation of all
- 5 interest owners?
- 6 A. Yes, we do.
- 7 Q. Could you go back to Exhibit 1 and identify to
- 8 the Examiner all of the operators -- the offsetting
- 9 units?
- 10 A. If you look at Section 29, the offset operator
- 11 to the north, there is no operator. That's an unleased
- 12 BLM section, Section 32 North, 5 West, and that's in a
- 13 restricted area. It includes no leasing. So we're
- 14 unable to lease that section.
- 15 In Section 36 of 32 North, 6 West, the
- 16 operator of those wells is Williams Production, and in
- 17 all other cases, Energen is the offset operator.
- 18 Q. Have all of the offset operators and the BLM
- 19 and the State Land Office for the State Bancos well been
- 20 notified of this application?
- 21 A. That's correct.
- Q. Are you aware of any objections to Energen's
- 23 proposal?
- 24 A. No.
- 25 Q. Does Energen also seek the simultaneous

- 1 dedication of production from all three of the wells
- 2 eventually to be located in each of the units?
- 3 A. Yes.
- Q. Were Exhibits 1 through 5 prepared by you or
- 5 at your direction?
- 6 A. Yes.
- 7 MR. HALL: That concludes our direct of
- 8 Mr. Poage. We move the admission of Exhibits 1 through
- 9 5.
- 10 EXAMINER WARNELL: Exhibits 1 through 5
- 11 are admitted.
- 12 Questions?
- 13 (Exhibits 1 through 5 admitted.)
- 14 EXAMINER BROOKS: So all you're asking for
- 15 is simultaneous dedication in this application?
- 16 MR. HALL: We're also asking for an
- 17 exception to Rule 7(D) of the special pool rules for the
- 18 pool which provides for a density restriction currently
- 19 of one well per 160.
- 20 EXAMINER BROOKS: That's basically the
- 21 same thing as what you're asking for for the simultaneous
- 22 dedication. Because you're asking for permission to
- 23 have, in effect, a second completion within each quarter
- 24 section.
- MR. HALL: That's correct. Same

- 1 formation.
- 2 EXAMINER BROOKS: Yeah. There's not any
- 3 other thing you're asking for in this application?
- 4 MR. HALL: No, sir.
- 5 EXAMINER BROOKS: Okay. So it's strictly
- 6 about well density. Okay.
- 7 EXAMINATION
- 8 BY EXAMINER BROOKS:
- 9 Q. In regards to the nonstandard location or what
- 10 would otherwise be the nonstandard location in Section
- 11 25, you said that Section 30 is also in the San Juan --
- 12 is it 32-5 Unit?
- 13 A. Yes.
- Q. Now, is that in a Fruitland Coal participating
- 15 area?
- 16 A. Yes, it is.
- 17 Q. Both Section 25 and Section 30 are in the same
- 18 participating area?
- 19 A. Yes, sir.
- 20 Q. And do you know -- this Section 30 looks like
- 21 it's a small section.
- 22 A. Yes. Section 30 has got an NSP. It's pooled
- 23 with Section 31.
- Q. Do you know what the horizontal -- what the
- 25 east/west distance across Section 30 is?

- A. Not off the top of my head, no. It's more
- 2 than 660.
- 3 EXAMINER BROOKS: That's my question, if
- 4 it's more than 660. I don't care exactly what it is.
- 5 Do you have the penetration points of any of
- 6 these wells for the Fruitland Coal? Is that in any of
- 7 these exhibits?
- 8 MR. HALL: We have an engineering
- 9 witness --
- 10 EXAMINER BROOKS: Okay.
- 11 Q. (By Examiner Brooks) Let's talk about the
- 12 area that you gave notice for. You said the portion
- 13 north of -- the section to the north of 29 is unleased?
- 14 A. Unleased BLM.
- Q. And if I understood -- I don't have a plat
- 16 that shows me where all these -- well, I do have it.
- 17 It's Exhibit 7. Where is Williams' interest?
- Oh, Williams is to the south of 25, to the
- 19 south of the third well.
- A. That's correct.
- Q. You said all of the other adjoining sections
- 22 are operated by Energen?
- A. That's correct.
- Q. Now, what about non-operating interests in
- 25 those areas? Are they the same as the sections to which

- 1 they adjoin? Does Williams have 100 percent?
- 2 A. I believe Williams has 100 percent.
- 3 Q. What about Energen?
- A. Energen has 100 percent in all the properties
- 5 shown here.
- 6 O. All the sections?
- 7 A. All the adjoining properties are 100 percent
- 8 Energen.
- 9 Q. That would be the east half of 29, the south
- 10 half of 32, and 30 and 31?
- 11 A. That's correct.
- 12 Q. And the west half of 25?
- 13 A. Yes. As well as Section 24.
- 14 Q. Okay. All of that area to the north is
- 15 unleased?
- 16 Å. Yes.
- 17 EXAMINER BROOKS: Very good. That's all I
- 18 have.
- 19 EXAMINATION
- 20 BY EXAMINER WARNELL:
- Q. Mr. Poage, do you know that NSP number for
- 22 Sections 30 and 31?
- 23 A. I did not bring that with me.
- MR. HALL: I recall doing that case. I
- 25 can get that to you.

- 1 EXAMINER WARNELL: No further questions.
- MR. HALL: At this time, Mr. Examiner, we
- 3 would call Andrew Benson.
- 4 ANDREW BENSON
- 5 Having been first duly sworn, testified as follows:
- 6 DIRECT EXAMINATION
- 7 BY MR. HALL:
- Q. For the record, please state your name.
- 9 A. Andrew Benson.
- 10 Q. Mr. Benson, where do you live and by whom are
- 11 you employed?
- 12 A. I live in Birmingham, Alabama. I'm employed
- 13 by Energen Resources Corporation.
- 14 Q. In what capacity?
- 15 A. As a geologist.
- 16 Q. Have you previously testified before the
- 17 Division and had your credentials as a petroleum
- 18 geologist accepted and made a matter of record?
- 19 A. Yes, I have.
- 20 Q. Are you familiar with the application and the
- 21 lands that are the subject of the application in this
- 22 case?
- 23 A. Yes.
- MR. HALL: At this point we offer
- 25 Mr. Benson as a qualified expert petroleum geologist.

- 1 EXAMINER WARNELL: So recognized.
- Q. (By Mr. Hall) Mr. Benson, if you would, would
- 3 you turn to Exhibit Number 6 and identify that for us,
- 4 please?
- 5 A. This is just sort of a general location map
- 6 showing the application areas highlighted in yellow, and
- 7 the position of those application areas relative to the
- 8 Colorado state line and the NMOCD Fruitland Coal high
- 9 productivity area, which is shaded in green. As you can
- 10 see, it's outside the HPA.
- 11 Q. But it is within the limits of the Fruitland
- 12 Coal pool?
- 13 A. It is.
- 14 Q. In the course of your involvement with this
- 15 case, did you conduct a geologic investigation to
- 16 determine whether increased flexibility on the drilling
- 17 laterals and sidetracks is necessary to fully and
- 18 adequately develop the Fruitland Coal resources?
- 19 A. I have.
- Q. What did you conclude?
- 21 A. That the drilling scenario that we're
- 22 proposing will allow for a more efficient drainage of the
- 23 Fruitland Coal reservoir in this area. The proposed
- 24 scenario will effectively drain the same Fruitland Coal
- 25 reserves via sidetrack recompletion of one existing

- 1 vertical well in each case, in each 320-acre drill block,
- 2 versus sidetrack recompletions of both existing vertical
- 3 wells in the drill block, which is currently permitted by
- 4 the State.
- 5 Q. Would you turn to Exhibit 7 and explain that
- 6 to the Hearing Examiner?
- 7 A. This is just a topographic map showing the
- 8 application areas in the red rectangles. And the
- 9 symbology here, as Mr. Poage said, the Fruitland Coal
- 10 vertical wells are triangles.
- 11 I've highlighted Energen's operated Fruitland
- 12 Coal wells in blue, and the blue bars, as Mr. Poage
- 13 stated, represent the producing portion of a lateral
- 14 wellbore within the Fruitland Coal.
- 15 Q. Given the topography shown by Exhibit Number
- 16 7, does the terrain present surface location restrictions
- 17 to Energen?
- 18 A. Yeah. It's a very rugged terrain and -- yeah.
- 19 Each and every location is one to be cherished.
- 20 Q. So will the relief that Energen requests in
- 21 its order allow Energen to drill additional wells from
- 22 existing well pads?
- 23 A. Yes.
- Q. Will it also allow Energen to avoid additional
- 25 surface disturbance?

- 1 A. Yes, it will.
- Q. Let's discuss geology. Turn to Exhibit 8.
- 3 What does that show us?
- 4 A. This is a structural map drawn on the top of
- 5 the Pictured Cliffs Formation, which immediately
- 6 underlies the Fruitland Coal.
- 7 As you can see, the increased structural
- 8 elevation is moved from the application area. It's north
- 9 toward the Colorado border. There's a prominent feature
- 10 there that sort of straddles the Colorado border,
- 11 straddling the actual Colorado/New Mexico text on the
- 12 map, which is the Ignacio anticline, which is a regional
- 13 structure that's fairly well known in this area.
- Q. Exhibit 9, what does that show us?
- 15 A. Exhibit 9 is a net coal thickness map using a
- 16 bulk density cutoff of two grams per cc or less, which is
- 17 a cutoff we use to identify coal. The thicker areas are
- 18 shown in various shades of green. And as you move into
- 19 the sort of blues and purples, those reflect areas where
- 20 the net coal thickness is less.
- Q. Does Exhibit 9 also reflect an AA prime line
- 22 for a cross-section?
- 23 A. Yes, it does, in red.
- Q. Let's turn to Exhibit 10. Tell us what that
- 25 shows.

- 1 A. This shows a cross-section as shown --
- 2 referenced on the previous thickness map, just showing
- 3 the nature of the coal package in the area of the
- 4 application lands.
- As you can see, in the two wells on the left
- 6 side of the cross-section, the coal package comprises two
- 7 seams, one thick primary upper seam, as well as a thinner
- 8 secondary seam, and we would propose to sidetrack --
- 9 drill a horizontal sidetrack recompletion in the thicker
- 10 upper seam.
- 11 Q. In the vertical wells, are both of these seams
- 12 currently producing?
- 13 A. They are. And they will remain on production
- 14 once sidetrack operations are complete.
- 15 Q. Turn to Exhibit 11 and talk about the
- 16 proposal.
- 17 A. I just prepared some plats, and our engineer
- 18 will expound on these a little further.
- But I basically just wanted to prepare these
- 20 to give you a visual reference of what we're proposing to
- 21 do here. In each case, the upper scenario is the
- 22 scenario that is currently permitted by the State, which
- 23 would allow us to sidetrack recomplete both existing
- 24 vertical wells in each 320-acre drill block.
- 25 And then below you can see that what we're

- 1 simply trying to do is just to cut that effort and
- 2 consequent a surface and other disturbances in half and
- 3 just do it once but still develop the same coal reserves.
- 4 Q. The result is you get a longer lateral with
- 5 the sidetrack?
- 6 A. The result is that you just have to do it
- 7 once, rather than twice. I believe the length is --
- 8 total horizontal length per 320 is the same in each case,
- 9 but it just reduces waste.
- 10 Q. Look at Exhibits 11, 12 and 13. It shows
- 11 proposals and what's possible now under the rules?
- 12 A. Yes. In each case the currently allowed
- 13 scenario, which would provide us to drill to sidetrack
- 14 recomplete each of the vertical wells versus our proposed
- 15 scenario on the bottom, which is where we would just
- 16 sidetrack one of those wells across the entire 320.
- 17 Q. For each of the proposed sidetracks, will each
- 18 of the sidetracks penetrate the coal and then terminate
- 19 within the current setbacks allowed?
- 20 A. Yes.
- 21 Q. Are correlative rights an issue here?
- 22 A. I believe not, since we are staying within the
- 23 establish setbacks.
- Q. Were Exhibits 6, 7, 8, 9, 10, 11, 12 and 13
- 25 prepared by you?

- 1 A. Yes.
- 2 MR. HALL: At this point we move the
- 3 admission of Exhibits 6 through 13. That concludes our
- 4 direct of Mr. Benson.
- 5 EXAMINER WARNELL: Exhibits 6 through 13
- 6 are admitted.
- 7 Mr. Brooks?
- 8 (Exhibits 6 through 13 admitted.)
- 9 EXAMINER BROOKS: No questions.
- 10 EXAMINATION
- 11 BY EXAMINER WARNELL:
- 12 Q. Mr. Benson, do you know if the vertical
- 13 wells -- if their logs are on file with OCD?
- 14 A. Whatever logs we have on those should be on
- 15 file, to the best of my knowledge. In many cases, the
- 16 initial vertical well was drilled and cavitated. So what
- 17 we typically did was drill and set a casing above the
- 18 coal and then just run a mud log to ascertain the
- 19 position of the coal seams.
- 20 EXAMINER WARNELL: No further questions.
- 21 Thank you.
- MR. HALL: Mr. Examiner, we'd call Rounak
- 23 Collier to the stand.

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- 1 ROUNAK COLLIER
- 2 Having been first duly sworn, testified as follows:
- 3 DIRECT EXAMINATION
- 4 BY MR. HALL:
- 5 Q. For the record, please state your name.
- 6 A. Rounak Collier.
- 7 Q. Ms. Collier, where do you live and whom are
- 8 you employed?
- 9 A. Birmingham, Alabama. I'm employed by Energen
- 10 Resources.
- 11 Q. In what capacity are employed?
- 12 A. I'm a reservoir engineer.
- Q. You've never testified before the Division and
- 14 had your credentials established, have you?
- 15 A. No, sir.
- Q. Would you give the Hearing Examiner a brief
- 17 summary of your educational background and work
- 18 experience?
- 19 A. I graduated from Kansas State University with
- 20 a chemical engineering degree. I worked with
- 21 Schlumberger as a field engineer. Also, I worked for XTO
- 22 as a reservoir engineer. And I've been working for
- 23 Energen Resources for about six years as a reservoir
- 24 engineer.
- Q. And how long have you been working in the San

- 1 Juan Basin?
- A. About six.
- Q. You've testified before other state regulatory
- 4 agencies?
- 5 A. In Colorado.
- 6 Q. You're familiar with the lands that are the
- 7 subject of this application?
- 8 A. Yes, sir.
- 9 MR. HALL: At this point, Mr. Examiner, we
- 10 offer Ms. Collier as an expert petroleum engineer.
- 11 EXAMINER WARNELL: Ms. Collier is so
- 12 recognized.
- Q. (By Mr. Hall) In the course of your
- 14 involvement with this project, have you undertaken an
- 15 examination to determine whether the increased
- 16 flexibility for drilling sidetracks in a lateral will
- 17 lead to the more efficient economic recovery of coalbed
- 18 methane resources?
- 19 A. Yes.
- Q. What did you conclude?
- 21 A. Increased the production and it helped with --
- 22 produce as much possible the gas in place.
- Q. If you would turn to your Exhibits 14, 15 and
- 24 16, explain to the Examiner what those are showing us.
- A. As Mr. Benson spoke earlier about Exhibits 11,

- 1 12 and 13, my Exhibits 14, 15 and 16 gives you the
- 2 economic background for these two scenarios.
- 3 Exhibit 14 shows the San Juan 32-5 105. We
- 4 drilled two sidetracks versus one sidetrack. It gives
- 5 you the initial length and combined two sidetracks versus
- 6 one. It gives you the amount of capital being spent and
- 7 what are original gas and place and how much we estimate
- 8 to recover with these two scenarios.
- Also, it presents what is our regular return
- 10 net present value and the payout discount value.
- 11 Q. Have you looked at the line item for the EURs?
- 12 They're roughly the same. They're not adding much by way
- 13 of additional reserves here.
- 14 A. We are not really adding much by drilling one
- 15 sidetrack versus two. The only thing we are doing is
- 16 making it more economically viable for this process.
- Q. Do Exhibits 14, 15 and 16 show us that you're
- 18 reducing your LOEs for each of the units?
- 19 A. That is true. As we sidetrack the existing
- 20 vertical well for 160, we add a portion of extra LOE to
- 21 maintain the existing vertical plus the horizontal
- 22 sidetrack. And by doing it one sidetrack, that would
- 23 help reduce LOE especially.
- O. Let's look at the last line item on each of
- 25 those exhibits, discounted payout. What does that tell

- 1 us?
- A. Well, you're spending a lot less to drill the
- 3 well on the second scenario. Therefore, you pay for the
- 4 well faster.
- 5 Q. The payout occurs quicker?
- 6 A. Yeah.
- 7 Q. Does a quicker payout allow you to extend the
- 8 producing life of the well?
- 9 A. That's very correct.
- 10 Q. Does that result in more economically
- 11 efficient recovery?
- 12 A. Yes.
- Q. Let's look at Exhibits 17 and 18. If you
- 14 would identify those and compare them for the Hearing
- 15 Examiner.
- 16 A. I would like to state that Energen has several
- 17 sidetracks drilled in that area, as Mr. Benson showed.
- 18 What I have done, just to show what we have done and what
- 19 our production has told us, I've taken the group of the
- 20 sidetracks, divide them in two groups by length.
- 21 So the first group is from 900 -- almost 970
- feet to almost 1,700 feet, with a meeting of 1,300,
- 23 versus the second group of almost 1,700 to 2,400 feet,
- 24 with a meeting of 2,000.
- These graphs were put by time zero production

- 1 based on when the sidetrack was done. In the upper left
- 2 hand of the graph, it shows you the average 12-month
- 3 production of the subject wells before and after the
- 4 sidetrack. It will give you the difference of how much
- 5 increase in production we have gained. It's very clear,
- 6 the longer sidetracks, it gives us a bigger difference in
- 7 production.
- 8 Q. If we look at the center, at the bottom of
- 9 each Exhibit 17 and 18, it shows us median what?
- 10 A. Median length.
- 11 Q. So we are gaining some lateral length with
- 12 Energen's proposal here?
- 13 A. Yes.
- 14 Q. So Energen's hope for results would more
- 15 closely track what's shown on Exhibit 18?
- 16 A. Yes.
- 17 Q. Do drilling the sidetracks allow Energen to
- 18 avoid the economic waste which would be associated with a
- 19 new drill?
- 20 A. That's true.
- 21 Q. And do you minimize some of your mechanical
- 22 risks, as well?
- A. Most definitely.
- Q. In your opinion, Ms. Collier, would granting
- of Energen's application be in the interest of

- 1 conservation and the prevention of waste and protection
- 2 of correlative rights?
- 3 A. Yes.
- 4 Q. Were Exhibits 14 through 18 prepared by you or
- 5 at your direction?
- 6 A. Yes.
- 7 MR. HALL: We move admission of Exhibits
- 8 14 through 18. That concludes our direct of Ms. Collier.
- 9 EXAMINER WARNELL: Exhibits 14 through 18
- 10 are admitted.
- 11 (Exhibits 14 through 18 admitted.)
- 12 MR. HALL: We would also move the
- 13 admission of Exhibit 19, which is our notice affidavit.
- 14 The court reporter has the originals of the notice
- 15 letters.
- 16 EXAMINER WARNELL: Exhibit 19 is admitted.
- 17 (Exhibit 19 admitted.)
- 18 EXAMINER BROOKS: No questions.
- 19 EXAMINER WARNELL: I have no questions.
- 20 Thank you.
- MR. HALL: That concludes our case. Thank
- 22 you very much.
- 23 EXAMINER WARNELL: Thank you. With that,
- 24 Case 14654 will be taken under advisement.
- 25

 * Accomplete record of the proceedings in the foregoing to the Examiner hearing of Case No.

 heard by me on