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1	ENERGY, M	STATE OF NEW MEXICO MINERALS AND NATURAL RESOURCES OIL CONSERVATION DIVISION	DEPARTMENT
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4	IN THE MATTER (OF THE HEARING CALLED	RIGINAL
5		SERVATION DIVISION FOR	· · ·
6			Case No. 14776
7			14777
8	APPLICATION OF YATES PETROLEUM CORPORATION FOR APPROVAL OF A NON-STANDARD SPACING AND PRORATION UNIT, LEA COUNTY, NEW MEXICO.		
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10			
11	DE	PORTER'S TRANSCRIPT OF PROCEEI	TNGS
12	EXAMINER HEARING		
13			
14	BEFORE: TERRY WARNELL, Technical Examiner DAVID K. BROOKS, Legal Examiner		
15			28 NED
16		February 16, 2012	A 6
17		Santa Fe, New Mexico	·· 20
18		Santa PC, New Mexico	
19	This matter came on for hearing before the New Mexico Oil Conservation Division, TERRY WARNELL, Technical Examiner, and DAVID K. BROOKS, Legal Examiner, on February		
20			
21	16, 2012, at the New Mexico Energy, Minerals and Natura Resources Department, 1220 South St. Francis, Drive, Rc 102, Santa Fe, New Mexico.		
22	102, Santa Fe,	New Mexico.	•
23			
24	REPORTED BY:	Irene Delgado, NM CCR 253 Paul Baca Professional Court Reporters	
25		500 Fourth Street, NW, Suite 1 Albuquerque, New Mexico 87102	

Page 2 1 APPEARANCES FOR THE APPLICANT: 2 HINKLE HENSLEY SHANOR & MARTIN LLP GARY W. LARSON 3 218 Montezuma Santa Fe, NM 87504 4 5 INDEX 6 RAYMOND PODANY Case 14776 7 Direct by Mr. Larson 05 Redirect by Mr. Larson 18 8 Case 14777 9 Direct by Mr. Larson 19 10 EXHIBITS CASE 14776 EXHIBIT 1 ADMITTED 11 04 EXHIBITS 2 THROUGH 6 ADMITTED 15 12 EXHIBITS CASE 14777 13 EXHIBIT 1 ADMITTED 19 14 EXHIBITS 2 THROUGH 6 ADMITTED 23 15 16 17 18 19 20 21 22 23 24 25

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Page 3 EXAMINER WARNELL: Let's go back on the record then. 1 2 We'll call Case 14776 and Case 14777 and hear them together. Both are applications from the Yates Petroleum Corporation 3 for approval of a non-standard spacing and proration unit, 4 5 Lea County, New Mexico. Call for appearances. 6 MR. LARSON: Gary Larson from Hinkle, Hensley and 7 Shanor and Martin in Santa Fe for the applicant, Yates 8 Petroleum Corporation. I have one witness. 9 EXAMINER WARNELL: Will the witness please stand and 10 be sworn. (Oath administered.) 11 12 MR. LARSON: Mr. Examiner, I prepared separate 13 presentations, so I have sets of exhibits in each case, but I think I will just present 14776 first, and then follow up 14 15 with 14777. EXAMINER WARNELL: Excellent. That's a good point. 16 17 MR. LARSON: And before I begin with Mr. Podany's 18 testimony, I would direct your attention to Yates Exhibit Number 1, which is an affidavit=of=the=Yates=landman=Kevin 19 20 Klein. And in his affidavit Mr. Klein states that Yates 21 se<u>eks-approval-of-an-80=acre-oil-spacing-and-proration-unit</u> 22 to-be-dedicated_to-the_Belco-AIA-Federal-Number-5-Well, which will be a directional well. And attached to the affidavit is 23 24 Exhibit A is a C-102_plat_identifying_the_surface_and_bottom 25 hole locations for the well. The well is entirely located on Surface J-14-205-32E 1980FSL 1950 FEL BH I-14-205-32E 1980FSL 660FEL

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1 a federal lease which covers all of Section 14.

2 On Page 2 of his affidavit, Mr. Klein lists the 3 entities that own working interests in the proposed 80-acre unit and identifies the percentages of interest that they 4 hold. He then states that all of the interest owners have 5 6 joined-in the, what I will refer to as the Belco Number 5 7 Well, pursuant to a joint operating agreement, and that pursuant to the JOA, Yates Petroleum -- Yates_Petroleum=will 8 9 operate-the-well.

10 Finally, Mr. Klein states that he determined whether there are any operators and/or interest owners in the 40-acre 11 12 units offsetting the proposed-80-acre-unit, and he found one such operator, Pecos Operating Company, and sent a certified 13 mail, notice of Yates' application to Pecos Operating - No Then 14 Company. Copies of Mr. Klein's notice letter and certified 15 mail receipt are attached to his affidavit as Exhibit B. 16 17 And, with that, Mr. Examiner, I would move the admission of Yates Exhibit Number 1. 18 19 EXAMINER WARNELL: Yates Exhibit Number 1 is admitted. 20 21 (Exhibit 1 Case Number 14776 admitted.) 22 23 24

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Page 4

Page 5		
RAYMOND PODANY		
(Sworn, testified as follows:)		
DIRECT EXAMINATION		
BY MR. LARSON		
Q. Mr. Podany, would you state your full name for the		
record, please?		
A. It's Raymond=Podany.		
Q. Podany. And where do you reside?		
A. I reside in Artesia, New Mexico.		
Q. And by whom are you employed and in what capacity?		
A. I'm employed by Yates Petroleum as manager_of?		
geology_for the Permian Basin.		
Q. And could you briefly summarize your educational and		
professional background?		
A. I graduated from George Washington University in		
Washington, DC, with a bachelor's of science degree in		
geology, and a master's of science in geology, 1980. I		
subsequently worked in the oil industry for several		
companies, including Getty Oil Company, Texaco, CalTex in		
Indonesia, and Yates Petroleum as a geologist in Artesia.		
Q. And have you previously been qualified by the		
Division Hearing Examiner as an expert in petroleum		
geology?		
A. I have.		
Q. And are you the Yates geologist responsible for		

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Page 6 analyzing the prospects for the Belco 5 Directional Well? 1 2 Α. I am, yes. MR. LARSON: Mr. Examiner, I tender Mr. Podany as an 3 4 expert in petroleum geology for purposes of both cases. 5 EXAMINER WARNELL: Mr. Podany is so recognized. 6 Ο. And could I direct your attention to Exhibit A to 7 Exhibit 1, which is Mr. Klein's affidavit, specifically the C-102-plat. Was Yates restricted in its choice of a surface 8 9 location for the proposed Belco 5 Well by BLM requirements? 10 Α. We were, yes. And so we -- we<u>-were-given-a-drilling</u> 11 island_from_which_to_locate_a_surface_well=for_any_additional, 12 drilling_that_was_going_to_be_done_in_this_section, and this is due to potash concerns and cultural archeological type of 13 14 concernspin this area. There's a dried lake where it was formerly -- I think it's Laguna Salada type where the Indians 15 16 used to camp. 17 Q. And has Yates submitted an APD-to-the-Bureau-of-Land Management_for-the_Belco-Number-5-Well? 18 30-075-Α. 19 Yes, we have. 20 Q. And has the BLM=approved=the=APD?> 21 Α. Yes. And has Yates also submitted a sundry notice to the 22 Ο. BLM identifying the 80-acre unit that Yates' application 23 24 addresses in this case? We have. 25 Α.

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Page 7 1 Ο. And has the BLM acted on that sundry notice? Yes. 2 Α. ο. Did they indicate that it would be approved pending 3 4 the hearing in this case? 5 Α. That was the indication they gave, yes. Ο. Is Yates also restricted in its choice of the 6 7 surface location for the well by Division=Order=R=12119,7 Salt Lake Deloware Vool which includes setback requirements? 8 Α. Yes. 9 10 Ο. And does the well as proposed comply with those requirements? 11 12 Α. I believe it does, yes. And I next direct your attention to Exhibit Number 2 13 Ο. in Case 14776. Would you please identify this document? 14 This is a location map of 20-32 in Lea County, New 15 Α. 16 Mexico, showing Section 14 where we plan to drill our wells. 17 We have two drilling islands, one where the Belco Number A is listed and its subsequent horizontal well, the-Number-33, Gwas 18 drilled_from_that_same_pad, and one_in_the_southwest-where 19 the_Belco_Number=2-Well-was-drilled-as-a-horizontal-well, and 20 then_a_Belco_Number_4_going-off-to-the east, and the 21 second -- and the second drilling island. 22 23 And subsequently another operator, which Yates has no interest in, was allowed to share our drilling island in 24 25 Section 14, so they were able to get access to Section 15 for

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Page 8 drilling their horizontal well, the Queenie=IH, which is 1 2 drilled from near our drilling island in Section 14 onto Section 15. 3 And did you prepare this map? 4 Ο. 5 Α. I did. ο. And would it be correct to say that the wells 6 7 identified as Number 1, Number 2, Number 3, and Number 4 are Yates Wells? 8 Yes, they are. 9 Α. Could you briefly explain to the Hearing Examiner 10 Ο. the history of each of those wells? 11 12 Α. The Number 1 Well was originally drilled by a company called Belco Petroleum, and it was drilled down to 13 13,000 feet, 13,250, and plugged as a dry hole in 1983. 14 Yates re-entered this well in 19 -- 1990, and subsequently 15 tested several intervals in the Wolfcamp, the Bone Springs, 16 and the Brushy Canyon, and subsequently established 17 18 production and completed the well in the Cherry Canyon Interval of the Brushy Canyon, and that was the original well 19 20 back in 1990, and it took us a number of years to get a second location. 21 22 This particular well is an excellent Delaware Well, 23 probably the best Delaware Well Yates operates, has produced 24 600,000 barrels of oil in this vertical well. Subsequently, 25 we went in and drilled the Number 2 from a second drilling

Page 9 island that was awarded to us from the BLM at their selection 1 2 of where we could drill from, not necessarily our particular 3 choice, and it turned out to be downdip from the Number 1 Well and was wet in the main sand that had produced the 4 5 600,000 barrels, so we had to select a different target, 6 which we did, of the B Sand, which we'll show in subsequent cross-sections which sand that is below the A Sand. And we 7 8 went horizontal in it, and subsequently drilled the Number 2 9 and completed it, and that was -- we, in 2000 -- put that one on production in 2007. And from 2007 to -- through December, 10 it has produced 88,000 barrels of oil. 11

And the second -- the next well we drilled was the 12 13 Number 3, the horizontal well in the A Sand that was -- which we had thought to be productive. We drilled the well and 14 completed it in 2008, and in -- and through December has made 15 83,000 barrels of oil. And drilled a lateral in the Number 4 16 Well in the B Sand, the same sand as the Number 2, and it has 17 produced 76,000 barrels of oil from completion in 2008 18 through December of 2011. 🍄 😝 19

So we have drilled several good zones in the Upper Delaware. The original well tested the Brushy Canyon intervals, but could not sustain production because of the poor cement and the ability to get a good oil -- a good enough water cut, so there was some uncertainty for sure which particular zones in the Brushy Canyon that we want to

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Page 10 So in doing these laterals, we'll go down and test 1 test. this lower portion of the Delaware, the Brushy Canyon 2 3 Interval, which did, in the initial well, and the only one that has tested it was the Belco Number 1. 4 5 And would it be fair to say that Yates considers Ο. 6 each of these wells, Number 1 through 4, successful wells? 7 Α. Yes. 8 Ο. And did the production from those wells lead to Yates' decision to drill the Number 5 Well? 9 Yes, and to get further production from the 10 Α. 11 Delaware. 12 Ο. And I next direct your attention to Exhibit Number Could you identify this document? 13 3. This is a directional plot prepared by the 14 Α. directional drilling company for Yates Petroleum for the 15 16 Number 5 Well, which shows an S-curve, and, from our 17 location, going off directionally and then coming down vertically in the part of the Delaware where our main 18 objective is. 19 20 Ο. And was this document included in the APD package 21 that Yates submitted to the Bureau of Land Management? 22 Α. Yes. 23 0. And will the=Number=5=Wel-1-be=producing=only_in-the quarter-quarter_section_of_the_bottom-hole_location? 24 25 Α. Yes.

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Page 11 1 And what is the target of the well? Ο. It's the Brushy Canyon Interval and subsequent 2 Α. 3 higher-up zones that were not tested, so we can fully 4 evaluate the-enti-re-Del-aware Interval from the Cherry Canyon down-to-the-Brushy-Canyon. 5 6 Ο. In your opinion, is the well prospective in the 7 Delaware Brushy Canyon? Α. 8 Yes. 9 Ο. And would you please identify the document marked as Exhibit-4 in Case 14776? 10 This_is_a_structure=map=on=the=B=Sand_which=is> --11 Α. cthe_B_Sand_is_the_one_below=the=Manzanita_marker_in=the 12 13 Cherry-Canyon-which-is-a=regional=marker. This shows 14 structure of a dipping nose that it's a regional nose that 15 goes for many miles on major -- some of the major horizons. 16 This particular one shows it on the -- in this Cherry Canyon 17 Sand, it shows the location of the wells, and it shows a cross-section, A to A Prime, which we'll look at next. 18 19 It has -- we have projected on a minimum oil which 20 we have seen from the Number -- as seen in the Number 1 Well, 21 which means that section in the well was full of oil, and 22 then the next well down we drilled was full of water, so 23 somewhere in between is our oil water contact, which we did not actually see in a well, yet, but it would be close to 24 25 that red line due to the thickness of the sands in the A

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1 Sand.

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The B Sand is producing -- is productive throughout 2 this area. There are some shallow wells, Yates Seven Rivers 3 over in 16 and off to the east in Sections 18 and 7, which do 4 5 not penetrate the Delaware. The control for this map are the red numbers next to the well symbols are Sub C numbers, so 6 7 dip is to the south, and it is a structural nose, and there 8 is fairly sparse and limited drilling in this immediate area for the control of this map. 9

Q. And what bearing did your structure map have onYates' decision to drill the Number 5 Well?

Well, we thought there -- there is further south 12 Α. 13 production along this nose in the Brushy Canyon, and we believe we have, in the drilling of the original well, the 14 15 Number 1 Well, there were shows in the Delaware in this interval. They did not run electric logs over the Delaware 16 at all. They -- they ran logs just on the zones, the deep 17 18 zones they were interested in at the time, so we -- when we re-entered this well, we ran a case neutron log, and that 19 will be in our next exhibit in our cross-section from the 20 Number 1 Discovery Well and our Number 2 pilot hole in the 21 vertical well, which we logged, a density neutron log. 22

Q. And could you next identify what's been marked as
Exhibit -Number=5=in=Case=14-7-7-6,.

A. This is a structural cross-section between these two

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1 wells that shows that they are approximately 29 hundred feet
2 apart. On the left is the Number 2 Horizontal Well that was
3 subsequently drilled horizontal in the B Sand. There are
4 three sands indicated on there, the A Sand, the B Sand, and
5 the C Sand.

6 On the Number 1 Well, the A Sand, during the completion of this well, we had perfed and fracked the C and 7 the B and were moving up and put a bridge plug between these, 8 9 and that's marked on there at 5,013, and then came up and then perforated the A Sand by itself, and it came in flowing. 10 It was a very prolific zone. So it was produced from 1990 to 11 2007 by itself, only that zone, and subsequently added the B 12 and C intervals in the production stream for that well at the 13 time we were completing these other horizontal wells and 14 doing this other activity out here. 15

16 So the other=wells=in=the_area_abl have shown that 17 they are in_the_B_Sand. The Number=2, the Number=4, and the 18 Manzanos_Well_are_abl_in=the=B=Sand.

19 Q. And did you prepare the cross-section that's marked 20 as Exhibit Number 5?

21 A. I did.

Q. And could you next identify Exhibit Number 6 in case 14776?

A. This is the same cross-section with the addition of the Brushy Canyon Interval spliced on there with a large

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Page 14 1 section missing, and these are the intervals we had tested in 2 our Number 1 Well and tested oil and water, but could not get 3 our cement job to shut off any other water.

We did not test the, Basal Brushy Canyon Sand 4 5 immediately above the Bone Springs, which possibly has a 6 little lower porosity than the one we did test, but we think 7 there would be a good chance to get production out of it. 8 And subsequently those are the kind of intervals of what we 9 need to do is find out the productivity of these different sands so any subsequent development we do out here in the 10 horizontal sense, we are able to target the correct sands and 11. 12 proceed with oil production and development throughout as much as we are able to within this section that is -- that we 13 14 have here in the Delaware.

Q. And do you believe that the two cross-sections marked as Exhibits 5 and 6 support your opinion that the Number 5 Well is prospective in the Delaware Brushy Canyon? A. Yes. It's immediate offset to the well that had good shows in oil and we will be very in close proximity to it.

21 Q. And, in your opinion, will the Belco Number 5 Well 22 efficiently produce reserves in the Delaware Brushy Canyon 23 thereby preventing waste?

24 A. Yes.

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Q. And, in your opinion, will the granting of Yates'

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Page 15 1 application serve the interest of conservation and protection 2 of correlative rights? 3 Α. Yes. 4 MR. LARSON: Mr. Examiner, I move the admission of 5 Yates Exhibits Numbers 2 through 6 in Case 14776, and I have 6 no further questions of Mr. Podany regarding Case Number 14776. 7 8 EXAMINER WARNELL: Thank you. Exhibits 2 through 6 are admitted. 9 10 (Exhibits 2 through 6 admitted.) 11 EXAMINER WARNELL: Mr. Brooks, any questions? 12 EXAMINER BROOKS: No questions. 13 EXAMINER WARNELL: I have a couple of questions. Ιf 14 we could go back to -- well, first of all, is there -- did you say you have approval from BLM? Do you have an API 15 number on this well, or are they holding you hostage on that? 16 17 THE WITNESS: I'm not sure about that. I don't know if it's on our paperwork, but --18 19 EXAMINER WARNELL: Mr. Larson, can you check on that? 20 MR-LARSON: I'm not aware of one, but 1-will-check. 21 22 EXAMINER WARNELL: And then Exhibit 2, on the Manzano Queenie 1H Well --23 24 THE WITNESS: Yes. EXAMINER WARNELL: -- I see the surface location. 25 Ι

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Page 16 1 see the bottom hole location. 2 THE WITNESS: And then there is a little_circle. EXAMINER WARNELL: Yeah, that little well. 3 THE WITNESS: That is where they entered the 4 Delaware. 5 6 EXAMINER WARNELL: That's not another well? THE WITNESS: That's --7 EXAMINER WARNELL: That s=just=a=Delaware=entry 8 9 point? THE WITNESS: Right. That's where they entered the 10 Delaware so that they were not drilling it -- they kind of 11 drilled it directional and then horizontal and had quite a 12 bit of ways to go. They went through pretty extreme measures 13 14 to get out there to get that, and it turned out actually a really good well, so -- in the B Sand, so it's a flowing 15 well, and it's fairly new. 16 17 EXAMINER WARNELL: Is that a BLM issue, you think, why they chose that surface location? 18 19 THE WITNESS: That was the surface location we had originally had as a drilling island, and they were given --20 Manzano was given that from our surface location, so we were 21 22 a little -- they're not -- they're hard to come by, and so we were a little disturbed, but --23 24 EXAMINER WARNELL: I can understand that. And then staying with Exhibit 2 there just for a second, the Wells 1, 25

Page 17 3 5 and 6 have to be drilled, but all of those wells are on 1 2 the same pad or same drilling island --3 THE WITNESS: Yes. EXAMINER WARNELL: -- the surface location. 4 Okay. Exhibit 5, if I'm understanding this properly, you started 5 6 out with the C and B, set a bridge plug --7 THE WITNESS: And then went up to perforate the next 8 zone up in our normal completion, and, you know, the -- the idea was to -- it was just far enough away we thought it 9 would probably have to be fracked, and so putting a bridge 10 11 plug was kind of the normal thing to frac these two that were there together, and then move up to the next one, but when 12 13 that well came on strong, it -- they never -- you know, it took to 2007 for us to pull that next plug, and we did see an 14 increase of production once we did that. 15 16 EXAMINER WARNELL: Okay. And that's approximately roughly 5,000 feet? 17 18 THE WITNESS: Yes. 19 EXAMINER WARNELL: Okay. 20 THE WITNESS: And the Brushy Canyon is down around 74 hundred or 73 hundred. 21 22 EXAMINER WARNELL: And then you down hole commingled 23 A, B, and C, which is what you are presently doing on that 24 well? 25 THE WITNESS: On that well, yes.

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Page 18 EXAMINER WARNELL: Okay. That's it. No other 1 2 questions. Thank you. MR. LARSON: I have one follow-up question. 3 4 REDIRECT EXAMINATION BY MR. LARSON 5 6 Ο. Does Yates have an interest in that Manzano Oueenie Well? 7 8 Α. We do not. MR. LARSON: Mr. Examiner, I have another set of 9 exhibits for Case 14777. I will try to eliminate any 10 redundancy, but_there_are_a-difference_between-the-two=cases. 11 12 EXAMINER WARNELL: No problem. I apologize for forcing you into hearing them at the same time. We should 13 14 have done what Florene laid out there for us. MR. LARSON: Mr. Examiner, the Exhibit Number 1 in 15 Case 14777 is another affidavit by Mr. Klein. 16 In his 17 affidavit Mr. Klein states that Yates similarly seeks approval of an 80-acre-oil spacing and proration unit, this 18 19 one to be dedicated_to_the_Belco-AIA-Federal_Number_6_Well, 20 which also is addirectional_well. Attached to Mr. Klein's affidavit is another Exhibit 21 22 A, which is a C-102 plat identifying the surface and bottom hole location of the well. On Page 2 of his affidavit, 23 24 Mr. Klein identifies the entities that own the working interest in the proposed unit, the percentages of their 25

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Page 19 They are identical to the interests in Case 14776, 1 interest. so all of the interests identified in this affidavit also 2 have joined in the well through a joint operating agreement, 3 4 and Yates, also, will be the operator of this well. 5 And finally with regard to the affidavit, Mr. Klein 6 states that he determined that there are no operators or -7 interest=owners=in=the=40=acre=units_offsetting=the=proposed 8 80-acre-unit=that=would=be=entitled_to_receive_notice. And so I would move the admission of Exhibit Number 1 in Case 9 14777, which is Mr. Klein's affidavit. 10 EXAMINER WARNELL: Exhibit Number 1 is admitted. 11 12 (Exhibit 1 Case 14777 admitted.) 13 EXAMINER WARNELL: That includes Exhibit -- you've 14 got them labeled Exhibit 1 and Exhibit A? MR. LARSON: Yes. Exhibit A is an exhibit to the 15 affidavit. 16 17 EXAMINER WARNELL: Okay. All right. RAYMOND PODANY 1.8 19 (Previously sworn, testified as follows:) 20 DIRECT EXAMINATION CASE 14777 BY MR. LARSON: 21 22 Ο. Mr. Podany, can you identify what has been marked as Exhibit 2 in Case 14777? 23 24 Α. Exhibit 2 is the well location plat showing the proposed well locations, bottom hole locations, and the --25

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Page 20 the drilling island from which they will be drilled from, 1 2 nearby the 1 and 3 Well locations, and they will be directionally drilled to bottom hole locations, the Number 5 3 4 to the east and Number 6 to the west. 5 Q. And is this identical to the map that was admitted 6 in Case 14776? 7 Α. This is identical to the previous-submitted map from the previous case. The measured depth of the well is shown 8 on the laterals, and the TBDs that were -- where those 9 laterals ended up is also shown on the end of the horizontal 10 11 wells. Okay. And is Yates also submitting an APD to the 12 Q. BLM for what we will refer to as the Belco Number 6 Well? 13 14 Α. Yes, we have. Has that APD also been approved? 15 Ο. 16 Α. Yes, it has. And do you know if an API number has been assigned 17 Ο. to that well? 18 19 Α. I do not know that. Did Yates also submit a sundry notice to the BLM 20 Q. 21 addressing the 80-acre spacing unit that's requested in the 22 application in this case? 23 Α. Yes, we have. Has the BLM acted on that sundry notice? 24 Q. Yes, they have. 25 Α.

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Page 21 1 Ο. I next direct your attention to what's been marked as Exhibit Number 3 in Case 14777. Do you have that 2 exhibit? ٦ Δ Α. Yes. 5 Ο. Could you identify that, please? 6 Α. This is a directional drilling plan for the Belco 7 Number 6 Well and the interval where we intend to start 8 directionally drilling and going over to our spacing unit and 9 drilling the lateral part of the zone to the Brushy Canyon Interval at approximately 74 hundred feet. 10 Who prepared this document? 11 Ο. This was prepared by the directional drilling 12 Α. company for our drilling department for our application to 13 drill. 14 15 Ο. And was the document included in the APD package that Yates submitted to the BLM? 16 It is, along with the directional plan. 17 Α. 18 Q. And will the Number 6 Well be producing only in the 19 quarter-quarter section of the bottom hole location where the 20 well will be located? 21 Α. Yes. 22 Ο. And what is the target in the Number 6 Well? 23 It is the Brushy Canyon Sands in the Delaware. Α. 24 Q. And in your opinion, is the Number 6 Well 25 prospective in the Delaware Brushy Canyon?

Page 22 1 Α. Yes, we believe it will be. 2 And if you next scan through Exhibits Number 4, Ο. Number 5, and Number 6, in Case Number 14777, are these 3 identical to --4 5 Α. These are identical exhibits in the previous case. 6 Ο. And recalling your testimony regarding the Number 5 7 Well, is there anything that you consider different or you would like to add for purposes of the Number 6 Well? 8 9 Α. We -- we think this one is -- will be very similar to the other one. This will be located on the -- we believe 10 11 the drilling pad will be directly on the nose, will be just off that nose, which we believe will be prospective in the 12 13 zone that we are intending to test. 14 Q. Okay. And as the exhibits in the other case, you 15 prepared what have been marked as Exhibits 4, 5 and 6 in Case 16 14777? I have. 17 Α. In your opinion, will the Number 6 Well efficiently 18 Q. produce reserves in the Delaware Brushy Canyon thereby 19 preventing waste? 20 21 Α. Yes. And in your opinion, will the granting of Yates' 2.2 Ο. application serve the interest of conservation and protection 23 of correlative rights? 24 25 Α. Yes.

Page 23 1 MR. LARSON: Mr. Examiner, I move the admission of 2 Yates Exhibits marked Numbers 2 through 6 in Case 14777. EXAMINER WARNELL: Exhibits 2 through 6 are 3 4 admitted. 5 (Exhibits 2 through 6 admitted.) 6 MR. LARSON: I have no further questions. 7 EXAMINER WARNELL: Thank you. Mr. Brooks, 8 questions? 9 EXAMINER BROOKS: No questions. 10 EXAMINER WARNELL: I don't believe I have any 11 questions, either. So with that, we'll take Case Number 14776 and Case Number 14777 under advisement. 12 13 MR. LARSON: Thank you, Mr. Examiner. I have one 14 quick question, we'll check on whether either of those wells 15 or both have API numbers. Can I just send you an e-mail on that? 16 EXAMINER WARNELL: That would be fine. I appreciate 17 that. So that concludes our docket for today. Everything we 18 19 have will be taken under advisement, and if there is nothing 20 further, Docket Number 5-12 stands adjourned. Thank you. 21 22 23 1 60 bareby certify that the foregoing to 24 a complete record of the proceedings in the Examiner hearing of Case No. 25 heard by me on_ , Examiner Oil Conservation Division

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Page 24 1 STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT 2 OIL CONSERVATION DIVISION 3 IN THE MATTER OF THE HEARING CALLED Δ BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING: 5 Case No. 14776 6 14777 7 APPLICATION OF YATES PETROLEUM CORPORATION FOR APPROVAL OF A NON-STANDARD SPACING AND PRORATION UNIT, LEA COUNTY, NEW 8 MEXICO. REPORTER'S CERTIFICATE 9 I, IRENE DELGADO, New Mexico CCR 253, DO HEREBY 10 CERTIFY THAT ON February 16, 2012, proceedings in the 11 above-captioned cae were taken before me and that I did 12 report in stenographic shorthand the proceedings set forth 13 14 herein, and the foregoing pages are a true and correct transcription to the best of my ability. 15 I FURTHER CERTIFY that I am neither employed by nor 16 17 related to nor contracted with any of the parties or attorneys in this case and that I have no interest whatsoever 18 19 in the final disposition of this case in any court. 20 WITNESS MY HAND this day of February 21 22 2012. 23 24 Irene Delgado, 25 12-31-2012 Expires:

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