

PUBLIC HEARING  
STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

Pecos Hall, 1st Floor, Wendell Chino Building  
1220 S. Saint Francis Drive  
Santa Fe, New Mexico

NOTICE OF PUBLIC HEARING FOR PROPOSED RULEMAKING  
October 23, 2025  
9:00 a.m.

HEARD BEFORE: HEARING OFFICER FELICIA ORTH  
COMMISSION MEMBERS:

COMMISSIONER BLOOM  
COMMISSIONER AMPOMAH  
CHAIR CHANG

ADAM PELTZ

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1 HEARING OFFICER ORTH: Good morning.  
2 My name is Felicia Orth, hearing officer tasked with  
3 conducting a hearing in OCC 26483, relating to the  
4 plugging of orphan wells and financial assurance.  
5 We have reached another public comment session.

6 I'm joined here by Chair Chang and  
7 Commissioner Ampomah. I see Commissioner Bloom on  
8 the platform this morning.

9 I do have a number of names of folks that  
10 I'll call out one at a time. And I'll turn to the  
11 folks both on the platform and in the room. Just a  
12 few things, I'll ask you to state and spell your  
13 first and last name because we are making a  
14 transcript.

15 The Commission rules require that I ask  
16 you to swear or affirm that you will tell the truth  
17 and will ask you to keep your comments to three  
18 minutes. In the event you have more to say than  
19 that, please submit your written comments to Sheila  
20 Apodaca, the Commission administer.

21 Do we have Layne Moss with us, either in  
22 the room or in the platform?

23 Mr. Moss, can you unmute yourself?

24 LAYNE MOSS: Mrs., not Mr.

25 HEARING OFFICER ORTH: Oh, very

1       sorry.   Thank you, Mrs. Moss.

2                   LAYNE MOSS:   You're welcome.

3                   HEARING OFFICER ORTH:   Would you  
4 spell your first and last name, please.

5                   LAYNE MOSS:   L-A-Y-N-E, M-O-S-S.

6                   HEARING OFFICER ORTH:   Thank you.   Do  
7 you swear or affirm to tell the truth?

8                   LAYNE MOSS:   I do.

9                   HEARING OFFICER ORTH:   All right.  
10 I'll start your time.

11                   LAYNE MOSS:   Did you ask me a  
12 question?

13                   HEARING OFFICER ORTH:   Oh, no, ma'am.  
14 This is the time for you to make a statement.   Go  
15 ahead.

16                   LAYNE MOSS:   Oh, I'm sorry.

17                   Good morning to everyone.   My name is  
18 Layne Moss.   I have lived in New Mexico for seven  
19 years, having moved here from Arizona.   I grew up in  
20 West Virginia and moved to Charlottesville,  
21 Virginia, where I entered the insurance industry.  
22 After almost five years, I moved to Washington, DC,  
23 where I worked in an insurance agency for almost ten  
24 years and became a vice president.

25                   We chose to move West, so we located in

1 Scottsdale and later North Phoenix. Phoenix was  
2 very small then.

3 Later, my daughter and I moved to Honolulu  
4 where she graduated from criminal school and opted  
5 to move back to Arizona. I remained in Honolulu and  
6 continued working in the wholesale insurance  
7 industry. This was an exciting change for me.

8 I was 70 years old when I retired as a  
9 senior vice president to care for my ailing husband.  
10 After he passed, many wholesalers attempted to  
11 entice me back to work. After a total of 44 years  
12 in this business, I felt it was time to retire for  
13 good.

14 Ending up in the beautiful state of New  
15 Mexico with my husband, who retired from the United  
16 States Navy submarine service and enjoying the great  
17 climate and the history of New Mexico, I have become  
18 very concerned about keeping the cost of living  
19 affordable, not only for retirees on a fixed income,  
20 but for people in the small communities in this  
21 state.

22 Increasing the cost of operating both  
23 small and large oil and gas companies by the same  
24 amount is absolutely inequitable. The current cost  
25 of the projected increase is totally unfair and

1 should be rethought.

2 The demand for these huge fees would  
3 impact everyone by increasing the cost of living,  
4 especially seniors on fixed incomes. Also smaller  
5 communities would be impacted as well.

6 Please consider the impact on the oil and  
7 gas industry as well as the citizens of this state  
8 if these fees are increased so dramatically. I want  
9 to thank the Oil Conservation Commission for their  
10 tireless efforts to make this happen for all of us  
11 in New Mexico.

12 Thank you very much.

13 HEARING OFFICER ORTH: Thank you,  
14 Ms. Moss.

15 Ken Hughes, do we have Ken Hughes? Oh,  
16 Ken Hughes is in the room.

17 Mr. Hughes, if you would join us up here.

18 LAYNE MOSS: I cannot understand what  
19 you said. Okay.

20 HEARING OFFICER ORTH: Mr. Hughes, if  
21 you would spell your first and last name, please.

22 KEN HUGHES: Yes, ma'am. Ken Hughes,  
23 K-E-N, H-U-G-H-E-S.

24 HEARING OFFICER ORTH: Do you swear  
25 or affirm to tell the truth?

1 KEN HUGHES: I do.

2 HEARING OFFICER ORTH: Thank you.  
3 I'll start your time.

4 KEN HUGHES: Good morning,  
5 commissioners. I'm here in support of stronger  
6 rulemaking to modernize New Mexico's bonding and  
7 cleanup rules. These rules will protect New  
8 Mexico's land, air, water, health, and taxpayers.  
9 They can also lead to new uses of old wells.

10 When I worked across the hall here at the  
11 Energy Conservation and Management Division for 13  
12 years, our staff delved into various way of storing  
13 energy. One of the more intriguing options  
14 suggested by a Los Alamos scientist, Mark Bibeault,  
15 was microhydro, which takes advantage of elevation  
16 changes of at least 300 -- or 500 feet that generate  
17 and store energy.

18 We now have a law this year that, Well  
19 Repurposing Act sponsored by State Representative  
20 Andrea Romero that allows, quote, "the conversion of  
21 oil and gas well into a facility that provides or  
22 supports energy storage or geothermal energy  
23 development," unquote.

24 So rather than keeping wells limping along  
25 producing a handful of gallons of oil and gas just

1 to avoid abandonment costs, it's time to take  
2 advantage of the new law and not just abandon but  
3 convert wells into much more useful purposes of  
4 energy storage and geothermal development.

5 Bottom line is, if you drill it, clean it.

6 Thank you very much.

7 HEARING OFFICER ORTH: Thank you,  
8 Mr. Hughes.

9 Next I have John Hoyt. Do we have  
10 Mr. Hoyt on the platform, perhaps?

11 By the way, if you have dialed in using a  
12 phone, you can press star-5 to raise your hand.

13 All right. Let's move to Kevin Bean. Do  
14 we have Kevin Bean?

15 KEVIN BEAN: Good morning.

16 HEARING OFFICER ORTH: Good morning.

17 KEVIN BEAN: My name is -- my name is  
18 Kevin Bean, and that's K-E-V-I-N, B -- B, as in boy,  
19 E-A-N.

20 HEARING OFFICER ORTH: Thank you. Do  
21 you swear or affirm to tell the truth?

22 KEVIN BEAN: I do.

23 HEARING OFFICER ORTH: Thank you. Go  
24 ahead.

25 KEVIN BEAN: I am calling in support



1 of the rulemaking to modernize New Mexico's bonding  
2 requirements for oil and gas wells. This seems very  
3 sensible to me that -- that those bonds should be  
4 adequate to cover the cleanup costs once those wells  
5 have reached the end of their expected lives and  
6 have to be taken care of, least not fall through the  
7 taxpayers in New Mexico.

8 And addressing the first comment that we  
9 heard this morning from the -- from Ms. Moss,  
10 Mrs. Moss, I'll just point out that if those bonds  
11 don't cover the cost of reclaiming and cleaning  
12 those wells, then we're all going to pay for it  
13 regardless. So it's much better to have that money  
14 up front. And it is a cost of doing business in  
15 this state. That only makes sense to me.

16 This problem has gone on far too long on.  
17 I'm very heartened to see that the Oil Conservation  
18 Division has seemed fit to address this issue now  
19 and to modernize these rules so that these costs  
20 will be paid for by the people who are making the  
21 money who are in this business, and then it won't  
22 follow the taxpayers to have to figure out where to  
23 get the money to clean this up.

24 That's my comment.

25 HEARING OFFICER ORTH: Thank you,

1 Mr. Bean.

2 Sayre Gerhart. Sayre Gerhart.

3 Oh, all right. This is Jason Morales.

4 Mr. Morales, can you unmute yourself? You  
5 might have to press control-shift-M to unmute.

6 It looks like you're unmuted. Oh.

7 JASON MORALES: Can you hear me?

8 HEARING OFFICER ORTH: Now I can.

9 Hello. Would you spell --

10 JASON MORALES: Can you hear me?

11 HEARING OFFICER ORTH: Yes, I can.

12 Would you spell your first and last name.

13 Hello. Would you spell your first and  
14 last name, please.

15 JASON MORALES: It's J-A-S-O-N,  
16 M-O-R-A-L-E-S.

17 HEARING OFFICER ORTH: Thank you. Do  
18 you swear or affirm to tell the truth?

19 JASON MORALES: I do.

20 HEARING OFFICER ORTH: Thank you.  
21 I'll start your time.

22 JASON MORALES: Good morning. My  
23 name is Jason Morales. I'm a 55-year lifelong  
24 resident of New Mexico.

25 I work as an engineer at the Department of

1 Defense here in New Mexico. I'm here today to  
2 express my concerns regarding these proposed  
3 regulations on the oil and gas industry. I want to  
4 be clear, I support oil and gas development in New  
5 Mexico. It's a vital part of our economy, providing  
6 good paying jobs for our families across the state,  
7 and generating significant revenue that funds our  
8 schools, hospitals, and education.

9 And importantly, a strong domestic oil and  
10 gas industry is crucial to our national security.  
11 Not long ago the United States achieved energy  
12 independence largely due to our domestic oil and gas  
13 production.

14 These proposed regulations threaten this  
15 independence, making us more vulnerable. This  
16 national security element is personally important  
17 (connection lost) to protect our nation. These  
18 (connection lost) ordinance have something not  
19 practical, and they put impacts on all independent  
20 oil and gas companies, the very backbone of our  
21 industry.

22 These companies, unlike the larger  
23 corporations, often (connection lost) is your pride  
24 of your ma-and-pa businesses. In fact (connection  
25 lost) to shut down means lost jobs (connection lost)

1 this opposition that seeks to eliminate oil and gas  
2 altogether (connection lost). We cannot simply shut  
3 down or make an industry (connection lost) without a  
4 viable (connection lost) critical services.

5 I'm not against that environment  
6 (connection lost) safeguards (connection lost) for a  
7 reasonable --

8 THE REPORTER: I'm sorry. Are you  
9 getting all this? It's going in and out.

10 JASON MORALES: -- that are --

11 HEARING OFFICER ORTH: Hold on,  
12 Mr. Morales.

13 JASON MORALES: -- does that --

14 HEARING OFFICER ORTH: To the court  
15 reporter, no. Mr. Morales is cutting out, so just  
16 please capture what you can.

17 And to Mr. Morales, you've been cutting  
18 out, and I'm happy to let you finish your statement  
19 verbally, but I think it would also be a good idea  
20 for you to email it to Sheila Apodaca. Go ahead.

21 JASON MORALES: I can do that.

22 HEARING OFFICER ORTH: Terrific.

23 Thank you.

24 JASON MORALES: (Connection lost).

25 HEARING OFFICER ORTH: You're cutting

1 out again, Mr. Morales. So we can't really hear  
2 you.

3 JASON MORALES: Hello?

4 HEARING OFFICER ORTH: Hello. Thank  
5 you.

6 JASON MORALES: Should I --

7 HEARING OFFICER ORTH: If you would  
8 please email your -- email your statement to Sheila  
9 Apodaca, and it will be part of the record.

10 JASON MORALES: Sure.

11 HEARING OFFICER ORTH: Sheila, I  
12 think we're going to have to move on here.

13 I'm sorry, Mr. Morales.

14 I see John and Lisa Hoyt on the screen.  
15 Can you unmute yourselves?

16 Now I can --

17 LISA HOYT: That will work?

18 HEARING OFFICER ORTH: Yes, it does.

19 LISA HOYT: Can you hear?

20 HEARING OFFICER ORTH: Yes.

21 LISA HOYT: Wonderful. Thank you.

22 HEARING OFFICER ORTH: So would you  
23 spell your first and last names, please.

24 LISA HOYT: My name is Lisa Hoyt,  
25 L-I-S-A, H-O-Y-T.

1 HEARING OFFICER ORTH: Okay. And  
2 will John Hoyt be speaking as well?

3 LISA HOYT: Yes.

4 JOHN HOYT: My name is John Hoyt,  
5 J-O-H-N, H-O-Y-T.

6 HEARING OFFICER ORTH: And do you and  
7 each of you swear to tell the truth?

8 LISA HOYT: Yes.

9 JOHN HOYT: Yes.

10 HEARING OFFICER ORTH: Thank you. Go  
11 ahead. I'll start your time.

12 JOHN HOYT: I was born in Buffalo,  
13 New York, where I lived and worked for the last 78  
14 years of my life. My wife and I moved here to  
15 Albuquerque to be closer to her family in ABQ and my  
16 sons in Utah and Colorado.

17 After earning a degree in marketing in  
18 college, I spent most of my career in my family  
19 business, photographic supplies. We sold to all  
20 types of photographic customers, amateur,  
21 professionals, medical, and industrial, and also to  
22 government at all levels, local, state, and U.S.

23 I've enjoyed traveling by cars for  
24 business and pleasure through 40 of the United  
25 States and developed a true appreciation for oil

1 industry products.

2 Before moving to Albuquerque, my wife and  
3 I spent several years active in the agriculture  
4 community. We assisted in neighborhood farm and  
5 day-to-day operations, as well as their Sunday -- or  
6 Saturday markets. We were also members of our local  
7 chapter of the New York State Farm Bureau.

8 Since moving here, I've learned how  
9 success in the oil industry has been a benefit to  
10 the state of New Mexico, as the second largest  
11 producer of petroleum in the United States. Many  
12 factors can affect it negatively, unfortunately,  
13 including taxation and fees, and income to New  
14 Mexico would drop by the addition of higher fees,  
15 particularly the assurance fees.

16 Those fees which set -- that the OCC sets  
17 the fees for -- and rules for oil producers. These  
18 fees would cost the industry dearly and unfairly.  
19 And a flat fee, regardless of the volume of the oil  
20 produced, would go down as a result. Obviously,  
21 smaller producers would be hurt the most. This  
22 would cut taxes to the New Mexico government,  
23 cutting aid to health, education, and many other  
24 programs.

25 You can see greater production in New

1 Mexico has greater value to New Mexico. The  
2 proposed operating costs, the assurance payments  
3 would have a dire effect mostly on the smaller  
4 producers operating in our state. A flat fee causes  
5 producers to disincentivize new growth. It would  
6 kill smaller operations five times more often than  
7 larger companies who could absorb the increases  
8 better. And that would add to value to the state.

9 Great value to the state would come from  
10 more production, of course. There's considerable  
11 value in growth, not this -- not loss. And add more  
12 life to New Mexico.

13 Please consider that OCC adding these  
14 increases would affect the overall economy of the  
15 state of New Mexico.

16 HEARING OFFICER ORTH: Thank you.

17 Ms. Hoyt.

18 MS. HOYT: Good morning. I was born  
19 in Virginia, spent most of my childhood in Potomac,  
20 Maryland, a suburb of Washington, DC. In the early  
21 '70s, my family moved to Scottsdale, Arizona, and  
22 that's where I really learned to appreciate the  
23 beauty of the desert. Couple years later my mother  
24 and I moved to Hawaii where I finished high school  
25 and after graduation, returned to Arizona for



1 advantages, where I married, had a couple of kids.

2 And in '97, we moved to a small village in  
3 western New York. There I began my career as a  
4 professional photographer. My bread and butter was  
5 family portraits, weddings, and events. And later I  
6 began going to professional photography groups  
7 around New York state giving lectures in studio  
8 management, sales, and how to design wedding albums.

9 After 25 years I retired from full-time  
10 photographer and started my second career, which was  
11 a great love of mine, gardening. I went to work for  
12 a hydroponic farm in our area where I tended 720  
13 indeterminate tomato vines from seedlings through  
14 their 10-month life cycle. It was quite exciting.

15 Six months ago my husband and I moved to  
16 Albuquerque to be closer to my family. Since being  
17 here, we've become aware the impact the gas and oil  
18 industry has on our new home state, not just the big  
19 cities, but many small communities across the state.  
20 I've learned there are many small companies within  
21 the industry, not just the giants. And while all  
22 will be affected by an increase in assurance  
23 payments, the little guys will suffer the most, and  
24 not just the folks who work for these companies, but  
25 all the businesses and industry that support gas and

1 oil.

2 When these gas and oil companies are  
3 forced to close their doors, the impact trickles  
4 down through the communities, not just in loss of  
5 tax revenue and funding for schools, but in loss of  
6 all of these support businesses. Eventually, that  
7 trickle-down effect reaches retirees, like us,  
8 living on a fixed income.

9 And as you can see by all who have and  
10 will give a little of their life stories, we  
11 represent the millions of untold stories who are  
12 affected daily by gas and oil industry.

13 And I would strongly urge you to consider  
14 the impact an increase in assurance payments would  
15 have on the gas and oil industry companies, large  
16 and small, but also the trickle-down effect it would  
17 have on all who call New Mexico home.

18 Thank you.

19 HEARING OFFICER ORTH: Thank you,  
20 Ms. Hoyt.

21 Is there anyone else on the platform who  
22 would like to offer public comment during this  
23 session? There will be another session at 4:00 this  
24 afternoon.

25 I see Carlos Matutes.

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1 Mr. Matutes, if you would unmute yourself,  
2 please.

3 CARLOS MATUTES: Thank you. I just  
4 was allowed to unmute myself. My name is Carlos  
5 Matutes, C-A-R-L-O-S, M-A-T-U-T-E-S.

6 HEARING OFFICER ORTH: And do you  
7 swear or affirm to tell the truth?

8 CARLOS MATUTES: I do.

9 HEARING OFFICER ORTH: Thank you.  
10 Please go ahead.

11 CARLOS MATUTES: My name is Carlos  
12 Matutes. I am the New Mexico state director for  
13 Green Latinos. We're an environmental justice  
14 organization serving the Latino communities and  
15 other communities of color around the United States.

16 I am in full support of modernizing our  
17 bonding rules around oil and gas. Now, I wasn't  
18 always in the nonprofit world.

19 I grew up working on small industrial  
20 equipment in South Texas. If, as a business, we  
21 would leave trash everywhere, if we would dump used  
22 motor oil and air filters and broken air lines  
23 wherever we worked, we would be fined. We would  
24 have to pay for that cleanup.

25 Now, as responsible business people, we

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1 cleaned up our messes. We made sure that a work  
2 area was left intact. That's all we're asking of  
3 oil and gas, is that they do their fair share for  
4 the profits that they pull. And much of that  
5 profit, may I remind you, goes out of New Mexico.

6 All we're asking is for them to clean up  
7 the mess of their profit-making ventures. That is  
8 all. Leaving orphaned wells, spilling toxic waste,  
9 fracking waters, or as they like to call it,  
10 produced water, which is essentially just a toxic  
11 sludge behind for us, the taxpayers, the people of  
12 New Mexico, our communities to clean up. Otherwise  
13 our waters be poisoned, our soils be toxic, our air  
14 be polluted.

15 No. We're asking the businesses in oil  
16 and gas to be responsible citizens, just like the  
17 rest of us. When we make a mess, we're asked to  
18 clean it up. And that's what we're asking for. And  
19 that's why we support rulemaking around bonding for  
20 oil and gas to clean up their messes.

21 Thank you very much.

22 HEARING OFFICER ORTH: Thank you,  
23 Mr. Matutes.

24 Is there anyone else on the platform who  
25 would like to offer public comment during this

Examination by Commissioner Ampomah

21

1 session? Our next session is at 4:00 p.m. today.

2 You can raise your virtual hand or press star-5 to  
3 raise your hand if you have called in.

4 No? All right. We will return to the  
5 technical case, then.

6 Mr. Peltz, if you would rejoin us up here.

7 I forgot to ask if any counsel had a  
8 preliminary matter before we go back here?

9 No. Okay, great.

10 I believe all the party questioning was  
11 completed yesterday, and we'll turn now to the  
12 commissioners.

13 Commissioner Ampomah.

14 EXAMINATION

15 BY COMMISSIONER AMPOMAH:

16 Q. Good morning, Mr. Peltz.

17 A. Good morning.

18 Q. Thank you for being here to offer your  
19 testimony on this important issue. I don't have a  
20 lot of questions for you, but I do have a few.

21 So I want to pan over to your slides, and  
22 this one will be slide number 9, Orphan Well Policy  
23 Reform Across the state.

24 A. Great.

25 Q. So my first question to you is: In all of

1 these reforms, what were some of the motivations  
2 that were included in these reforms to motivate  
3 companies or protest to really plug their wells.

4 A. Do you mean the motivation of the  
5 legislators or regulators who put the reforms in  
6 place?

7 Q. Yes. So in terms of what were some of the  
8 benefits to the industry, you know, in terms of some  
9 of the provisions that benefits operators that do  
10 plug their wells.

11 A. Well, there's the benefit of being a good  
12 corporate citizen by not orphaning their wells. The  
13 primary benefit of these regulations is to protect  
14 the taxpayers of the state from having to pay for  
15 plugging working wells, the enviromental benefits  
16 also.

17 And I think, you know, we haven't really  
18 talked about this very much, but the presence of  
19 orphaned wells tends to reduce property values.  
20 There was a study in southwest Pennsylvania by a  
21 University of Pittsburgh economist that found that  
22 the presence of orphaned wells there reduced  
23 building activity by 50 percent because people are  
24 understandably hesitant to build around these wells  
25 where you could have methane migration either

1 directly into substructures, like basements, or via  
2 aquifers.

3 There is also benefit to new energy  
4 development from plugging old vertical wells. I  
5 know in the -- in the DJ Basin, the Denver-Julesburg  
6 Basin, in Colorado, I was told that most vertical  
7 well plugging activity was happening in order to  
8 facilitate new shale development. And, you know,  
9 you can't frack a well if you have old vertical  
10 wells in the same formation because you'll lose all  
11 of your pressure, and you'll get blowouts and things  
12 like that. So that is a direct benefit to the  
13 industry.

14 Q. I appreciate that. And then I like one of  
15 them. You said there's, more or less -- the company  
16 will, more or less, become a prudent company, right?  
17 A prudent company?

18 A. Yes. I mean, no one -- no one want to  
19 violate the law, you know. Operators want to show  
20 that they're obeying the law in the state and that  
21 they're prudently managing the surface and the  
22 geology, I would think.

23 Q. So then let me ask you: So how would you  
24 describe a prudent operator?

25 A. Well, one who, you know, recovers the

1 resource, obey all aspects of the law, is a good  
2 community member, you know, works with local -- the  
3 people who live near the development and ask, "Hey,  
4 we're here. We're making money, you know, in your  
5 community. How can, you know -- are you okay with  
6 what we're doing? How can we do it better?"

7 I know that that happens often in the  
8 industry, although not always.

9 Q. And definitely, the opposite of that would  
10 be the bad actors?

11 A. Right.

12 Q. Okay.

13 A. You know, operators who, you know, don't  
14 obey the law, whether through omissions or air  
15 toxics or groundwater contamination or failure to  
16 plug their wells. I see this sometimes, especially  
17 where you have an out-of-state -- like a private  
18 equity-backed company where they don't really have a  
19 nexus with the state and they don't really care what  
20 happens in the communities and they're just there to  
21 extract as much revenue from their wells and then  
22 leave. And it's -- you know, it's easy, because  
23 they put the wells in these little LLCs that  
24 facilitate orphaning.

25 So that's a -- that's a terrible case.



1 And it seems to be happening more and more.

2 Q. Yeah, so you are the last witness for the  
3 applicant, right?

4 A. Yes.

5 Q. So yesterday Mr. Morgan, you know,  
6 presented the Commission and convinced the  
7 Commission that the marginal wells are the ones that  
8 you have higher possibility to become an orphan  
9 well.

10 A. The less a well produces, the more likely  
11 it is to become an orphan well. Obviously, you know  
12 that slide that I showed that had all those wells  
13 producing over 700,000 BOE per year, those aren't  
14 going to become orphaned wells any time soon.

15 But eventually, when, you know, they --  
16 they're produced out, that's when the chances rise.  
17 And that's why we've come up with this risk-based  
18 financial assurance schema that's oriented around  
19 the lowest producing wells, because that's where  
20 your risk really rises.

21 Q. Exactly. So you've made your case to the  
22 Commission that those wells, those marginal wells,  
23 we should put one \$3,000 bond, financial assurance  
24 on all those wells; is that correct?

25 A. Yes. Yes, that's the proposal.

1 Q. Okay. Let's go to your Exhibit 66, that  
2 would be on page 20. I do like this table a lot. I  
3 just want to be able to understand this so we can  
4 really dive into this one.

5 A. Sure.

6 Q. So will the 51,270, more or less, be the  
7 total wells that are in the GO-TECH database?

8 A. So it would appear, yes.

9 Q. Yeah, as they appear here. Definitely, I  
10 do see OCD's tentative national different number --  
11 total number of wells, but let's just stick to this  
12 one.

13 A. Yeah, if only it were so that every  
14 database had the exact same number of things.

15 Q. That would be much easier, but we don't.  
16 Okay. So in there is -- at least we do have about  
17 51,270 wells as presented in the GO-TECH.

18 Now, I really do like this one a lot,  
19 because in here, you know, you've shown the number  
20 of operators with state, private, and federal wells  
21 to be around 420. And then also the number of  
22 operators with state and private wells that, more or  
23 less, OCD is going to receive is about 342.

24 Did I read all of this correctly?

25 A. Yes.

1 Q. Okay.

2 A. And that's consistent. I remember Duane  
3 showed a chart that the number of operators in the  
4 state has fallen to around 400. And so that's  
5 pretty consistent with this.

6 Also, you know, this is the number of -- I  
7 believe it's marginal and inactive wells. So that's  
8 why -- that's why it's 51,000 and not the over  
9 60,000, I'm pretty sure. The total number of wells  
10 is over 60,000, but I believe this chart is looking  
11 at marginal and inactive wells.

12 Q. But, okay, let's look at the green region.

13 A. Yeah.

14 Q. In that region. Now, are you saying that  
15 operators -- more or less, you're focusing on the  
16 operators that you have less than 15 percent  
17 marginal wells or inactive wells; is that correct?

18 A. Yes.

19 Q. Then if you are saying that the 1,000 is 2  
20 times the marginal wells, is, what, about 36,000?

21 A. So 51 -- so I believe what this is saying  
22 is that there's 51,270 marginal or inactive wells,  
23 of which 36,020 belong to operators who have --  
24 fewer than 15 percent of their total well population  
25 is marginal and inactive. And 15,250 belong to

1 operators who have more than 15 percent, you know,  
2 the portfolio risk operators.

3 Which is to say that, you know, those  
4 operators in the below 15 percent category wouldn't  
5 have to -- they would have to have \$150,000 single  
6 well bonds for their marginal and inactive wells,  
7 but they wouldn't have to for all of their wells.

8 Q. Okay. So those in the green shaded  
9 region, they are good.

10 A. Well, I don't know if good and bad is the  
11 right -- you know, I'm --

12 Q. So I'm -- yeah, I'm just saying that they  
13 will not necessarily have to put \$150,000 on all of  
14 their wells.

15 A. Oh, they wouldn't have to.

16 Q. Now, let's focus on the yellow region. So  
17 in the yellow region, you do have about 198  
18 operators?

19 A. Yes.

20 Q. Now, let me ask this, though: With  
21 regards to the operators, with this chart -- or  
22 let's say the proposal that the applicant is putting  
23 across here, does that -- does that distinguish  
24 between the operators that do -- that, more or less,  
25 are creating the well? And then also working

1 interest owners or is it only operators that we are  
2 talking about here?

3 A. It's just the operators.

4 Q. And those with the working interest is not  
5 really part of this?

6 A. Well, I mean, if there was some kind of,  
7 you know, enforcement action, there might be some  
8 implications for the working interest owners. But  
9 this is, you know, trying to look at separate legal  
10 entities.

11 Q. Yeah, so don't you believe that there is  
12 going to be a little bit of confusion in terms of  
13 OCD implementing this where there is going to be a  
14 confusion, became operator, working interest owner,  
15 which category do they fall into, and then, more or  
16 less, become a little bit of a mess?

17 A. I don't think so. I mean, I think that  
18 the OCD, you know, knows how to work with operators  
19 and knows how to work with working interest owners.  
20 And this is what they do all day every day, so I  
21 don't think it will be too confusing.

22 Q. Yeah, okay. But if you look at, let's  
23 say -- if you look at all the discussions that we've  
24 had here, you go all the way to even being  
25 bondsmen-less, you know, in terms of people who

1 have -- who can, more or less, operate in New  
2 Mexico.

3 A. So that's an analysis of, when considering  
4 operator registration and transfer to try to  
5 determine, you know, is there a risk that this  
6 operator, because of the constituency of their  
7 leadership, might be a bad actor. That's kind of a  
8 different question than who gets what kind of bonds.

9 Q. I like your explanation. So what I'm  
10 getting to is that there could be someone who is not  
11 an operator but a working interest owner. You have  
12 multiple manual wells, but on record, they have to  
13 be not operators. They are just working interest  
14 owners.

15 So how are you going to be able to  
16 distinguish going deep down, just know that this  
17 working interest owner, they're not operator, but is  
18 a bad actor?

19 A. Well, for the -- for the case of bonding,  
20 that's not analyzed. All that's analyzed is, does  
21 the operator have, you know, over or under  
22 15 percent of their portfolio in risk?

23 But when it comes to well transfers, which  
24 is certainly a moment where you have a change of  
25 risk, then there will be an analysis of the

1 individuals who are involved in that operation. And  
2 that could potentially lead to a denial of transfer  
3 or some other kind of conditions put on the  
4 transfer. But all of that is at the OCD's  
5 discretion. None of what we put in is mandatory for  
6 OCD to consider and to act on.

7 Q. Yeah, let's get back to our main  
8 discussion here. I got sidetracked.

9 So after the 342 operators, this is going  
10 to impact more than -- you know, more than  
11 50 percent --

12 A. Yes.

13 Q. -- of operators in New Mexico.

14 A. Yes.

15 Q. And this 198 operators -- let me ask you:  
16 So if as an operator you have 75 percent of the  
17 wells active, not marginal, are they bad actors?

18 A. Oh, this isn't about whether they're good  
19 or bad actors. This is about their portfolio risk.

20 Q. So I'm just asking you -- so I asked  
21 you -- you know, let's say we are looking for high  
22 risk --

23 A. Yeah.

24 Q. -- companies that might default --

25 A. Right.

1 Q. -- and not necessarily plug their wells.

2 A. Right.

3 Q. So I'm asking you: As a company, you have  
4 75 percent of their portfolio in a marginal sense.  
5 Do you take them as a high risk company?

6 A. Well, yes, or potentially. But, you know,  
7 if the surety company feels like they're low risk,  
8 then that operator will be able to get those bonds  
9 at a -- at quite a discount, and it won't have a  
10 material impact, I wouldn't think, on the operator's  
11 finance. So the surety company plays a role in this  
12 risk determination as well.

13 You know, on the other hand, you know, I  
14 understand what you're saying, which is that, you  
15 know, this is just a proxy for risk, this portfolio  
16 percentage. And so, you know, the OCD could do a  
17 much more detailed deep dive into each operator's  
18 finances and study them and study their assets and  
19 make determinations on risk that way. But that is,  
20 as I said in my testimony, intrusive to the operator  
21 and labor intensive to OCD.

22 And so we went with this proxy of risk as  
23 a way to simplify it. And then because the surety  
24 company will make a -- their own determination of  
25 risk and they'll figure out how much it will cost



1 for that operator to get those \$150,000 bonds, that  
2 will -- you know, that's kind of a second order of  
3 risking that will give you the dollar amount for the  
4 operator.

5 Q. So you said that OCD do have some  
6 discretion, and then also the surety bond company  
7 will also have discretion there to determine whether  
8 this company, more or less, you know, qualify for a  
9 bond.

10 Now, in your -- in the applicant's  
11 proposal and -- the marginal wells and inactive  
12 wells --

13 CHAIR CHANG: I'm sorry, I'm going to  
14 interrupt. And just make sure -- I'm tracking the  
15 questions here. If I understand the conversation,  
16 though, those were two different things, right? The  
17 15 percent is not discretionary and the --

18 ADAM PELTZ: Right.

19 CHAIR CHANG: -- bonding, but there  
20 is discretion under the transfers. Is that -- is  
21 that the answer?

22 ADAM PELTZ: Yes. And then also, you  
23 were saying that the surety company has some  
24 discretion. Of course they do. They're a private  
25 industry, and they get to choose whether or not to

1 provide a bond and if so, you know, with what  
2 premium and what collateral.

3 Q (By Commissioner Ampomah) Yeah, Mr. Chair,  
4 I was going to go to that. To clarify that, the  
5 marginal wells and inactive wells and that is D,  
6 Section 3, "An operator with 15 percent or more of  
7 their wells in marginal or inactive well status, or  
8 a combination thereof, shall provide a one well  
9 plugging financial assurance in the amount of  
10 \$150,000 for each well registered to the operator  
11 until the percentage of the operator's marginal and  
12 inactive wells is decreased below 15 percent."

13 So there is no discretion to OCD on this.

14 A. Correct.

15 Q. Okay. Now, you were saying that  
16 75 percent -- unless an operator with 75 percent in  
17 marginal wells, you're saying that is a high risk?

18 A. Yes. So that's our position.

19 Q. So then let me ask you: How is that  
20 15 percent really determined?

21 A. Ah. So there are a whole bunch of  
22 exhibits presented by Duane and also by me showing  
23 how that's a natural risk breakpoint based revenue  
24 and -- you know, per well and other factors.

25 Q. Okay. So let's continue on that. So out

1 of this 198 companies, let's say you have  
2 15 percent -- or more than 15 percent of their wells  
3 in marginal or inactive status, so they are  
4 classified as a high risk.

5 Now, you know, my first question to you  
6 that we're talking about was: Don't you believe  
7 that the active bonding, the financial assurance  
8 required for the active wells was, more or less,  
9 sort of a motivation where you cap the blanket bond  
10 at \$250,000? Do you agree with that?

11 A. I'm not sure I understand your question.

12 Q. Okay. So what I'm saying is that: Don't  
13 you believe that -- according to the statute, don't  
14 you believe that the 250- cap, that was put as a  
15 blanket bond on active wells, shows that these wells  
16 are not really -- these wells are not really high  
17 risk?

18 A. Well, you know, I'm attempted to ask to  
19 put up that -- the rainbow again, because it doesn't  
20 actually say active wells in that clause for the  
21 \$250,000 blanket bond.

22 Q. I mean, that represented a really big  
23 deal.

24 A. I agree. That's the core -- you know,  
25 that's the core legislative piece that all of this

1 rides on.

2 Q. But I will also tell you that according to  
3 the applicant's own application to the Commission,  
4 they define active wells. And in there, all they  
5 say, they affected the active wells. And in there  
6 they cap the bond, the financial assurance to  
7 250,000. Why did they do that?

8 A. Well, the legislature in its wisdom, in  
9 that first sentence, allowed the OCD to create  
10 additional categories. And so if the OCD believes  
11 that there is a class of operator that presents a  
12 systemic risk to the state, the statute allows OCD  
13 to create a category, like this portfolio risk, to  
14 deal with that.

15 Q. Now, with your own application where you  
16 are capping active wells, that does not meet  
17 marginal well category to \$250,000 cap financial  
18 assurance. Why should we not leave the active wells  
19 alone?

20 A. So operators that have -- that don't fall  
21 into this new category of portfolio risk wells can  
22 still avail themselves of that \$250,000 blanket  
23 bond.

24 Q. You know, I think also as commissioners,  
25 we have a responsibility. I'm a little bit

1 concerned about, you know, putting up a rule that  
2 impacts about, let's say, more than -- more than  
3 50 percent of our entire operators, where, in the  
4 statute, if they are following the law -- you know,  
5 if these were -- so not necessarily the operators.

6 If this was in compliance, if these  
7 wells -- and in here we're talking about 15,250  
8 wells that are, more or less, in marginal category,  
9 and you are saying that this is not a total number  
10 of wells that we do have in the state.

11 A. Right. This doesn't include the, you  
12 know, wells that don't fall into the marginal or  
13 inactive status. So the higher producing wells  
14 aren't covered in this chart.

15 Q. Exactly. But your 15 percent that you are  
16 imposing would impact all those wells that, more or  
17 less, operators would do that too.

18 A. But if those operators are low risk  
19 according to the surety companies, they're  
20 additional, you know, monthly outlay will be pretty  
21 minor.

22 Q. Yeah, but that is -- I mean, for us, as  
23 regulators too, I don't really care much about what  
24 the surety bond company is going to do, but I want  
25 to make sure that I'm doing it right in here,

1 where -- let's say, you do have operators -- no,  
2 even this one. Let's put it -- a well in  
3 compliance. A well, a particular well is in  
4 compliance. I still do not understand why we should  
5 put \$150,000 financial assurance on those wells that  
6 are in compliance.

7 Anything -- if the Commission agrees with  
8 the \$150,000 for all marginal wells, the applicants  
9 still achieve their goals here. Because all these  
10 wells that, as you said, OCD will be responsible for  
11 in the future are, more or less, already taken care  
12 of.

13 A. Well, there is this portfolio risk  
14 question and, you know, maybe the operator will go  
15 bankrupt and leave a lot of wells orphaned.  
16 Although probably what would happen if there is a  
17 bankruptcy, some of those wells would get bought up.  
18 That's certainly true.

19 There's also an incentive built in for the  
20 operators to increase their production, right? And  
21 so if you increase your production on some of your  
22 low producing wells, then you can get out of that  
23 additional bonding. And that's good for the state.

24 Q. So, you know, you brought up a good point.  
25 You know, as an engineer and with experience in

1 recovery projects, I mean, I can tell you that, and  
2 we've had this discussion extensively, where wells,  
3 you stop producing, primary recovery. Wells will  
4 start going down once the energy is done.

5 But it's not all the wells. Some few  
6 wells will go down in its energy, and the company --  
7 from your proposal, the company will automatically  
8 have to start water injection. I mean, from a  
9 professional point of view, it's not really  
10 effective.

11 So I'm really concerned about -- let's say  
12 these wells that are, more or less, getting -- you  
13 know, they are not able to produce because of the  
14 energy, but once we stop putting water in, it will  
15 start coming up, right? At some point, these wells  
16 will fall into the marginal category. You know, it  
17 will fall into that. And even once we start that  
18 water injection, it will come back up.

19 A. Right. Although it's not just, you know,  
20 waterfloods and, you know, CO2 EOR. You can also  
21 recomplete the well. You know, you could do acid  
22 treatments. It depends on the basin. Obviously,  
23 you know, I'm not an engineer, but there's all sorts  
24 of ways to increase production.

25 Q. Not necessarily, because if the oil

1 saturation is below the received water-oil  
2 saturation to, let's say, primary posturing, there  
3 is no amount of andesine in, or whatever that you do  
4 will produce, because we've already hit the received  
5 water-oil saturation to the primary energy.

6 So we need to put in water to be able to,  
7 more or less, buck it up. You know, so it's not  
8 always that A-diocese in and all of that is going to  
9 work, right? And even at some point, no amount of  
10 water that you inject into the system would displace  
11 this oil. So there, too, you're going to get a  
12 marginal well there, you know.

13 A. Yeah, it's certainly true that you can't  
14 avoid marginal status forever.

15 Q. Exactly. So I'm a little concerned about  
16 operators who will, more or less, have wells in  
17 compliance and still putting up \$150,000 bond on  
18 them. How is that even helping us to achieve the  
19 plug-in -- the plug-in -- the plug-in -- the  
20 incentives for these companies to plug their wells?  
21 I mean, how is that even helping us in any way?

22 A. Well, if the operator, instead of -- you  
23 know, once they run out of options to increase  
24 production for the well, if they then say, "Okay, we  
25 got to plug this one," then that takes that out of



1 the risk pool for the state. It improves the  
2 geology. It reduces environmental risk. So that  
3 sounds like a good deal to me.

4 Q. And then when they want to go water plug  
5 to draw on another well, is that not causing waste?

6 A. Not necessarily.

7 Q. Not necessarily? I mean, would OCD now  
8 say that you are causing waste when you're just  
9 going and drilling wells everywhere, everywhere at  
10 each production profile in the life of the field?

11 A. Well, the operator doesn't have to plug  
12 the well. You know, they can just keep the well  
13 operating and pay the bond. And if they're low  
14 risk, that shouldn't be -- as I said, that shouldn't  
15 be a significant financial outlay.

16 Q. So what if we move the 15 percent to  
17 25 percent?

18 A. That's certainly a possibility.

19 Q. 30 percent?

20 A. I mean, are we doing an auction?

21 Q. I'm just looking for the threshold where  
22 the applicant -- and I think this one is mostly  
23 going to be on OCD to really try to explain to us --  
24 you know, I've seen all the evidence, but I still  
25 feel like an active well that is in compliance

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1 should be left alone.

2 Because the applicant's objective is still  
3 going to be achieved when all these marginal wells  
4 we put that bond of \$150,000 on, because OCD will be  
5 responsible if, let's say, these wells are not  
6 plugged.

7 A. I think there is room to think about where  
8 the threshold should best fall, you know. It's kind  
9 of a risk judgment factor. And ultimately, it's the  
10 OCC's determination of, you know, what is the risk  
11 tolerance of the state.

12 COMMISSIONER AMPOMAH: Mr. Peltz,  
13 thanks so much for your time.

14 ADAM PELTZ: Thank you.

15 COMMISSIONER AMPOMAH: And I do  
16 appreciate the discussion.

17 ADAM PELTZ: Likewise.

18 HEARING OFFICER ORTH: Thank you.

19 Commissioner Bloom, on the platform, do  
20 you have questions of Mr. Peltz?

21 COMMISSIONER BLOOM: I do. Thank  
22 you, Madam Hearing Officer. And pardon my virtual  
23 presentation. I'm a little under the weather today.

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EXAMINATION

BY COMMISSIONER BLOOM:

Q. Mr. Peltz, good morning.

A. Good morning.

Q. I know you've been through this a few times, but just once more, how many wells are there, in the applicant's estimation, that are in danger of becoming orphaned?

A. Well, there's around 50,000 wells that are marginal, as to -- as we define, or inactive.

Q. That's the number I got, too, from your conversation with Dr. Ampomah. Thank you.

Mr. Peltz, I'm guessing you're familiar with Einstein's definition of insanity, which is doing the same thing over and over again and expecting different results?

A. I am.

Q. Do you recall how long New Mexico has had a reclamation fund?

A. I don't know, actually. I imagine many decades.

Q. My research shows since the 1980s, so I think that's consonant with many decades. Thank you.

And yet, in your opinion, has this fund

1 plugged all the wells it should have? Has it  
2 stopped new wells from becoming orphaned or being in  
3 jeopardy of becoming orphaned?

4 A. No, the reclaimer certainly can't do  
5 that. All it can do is try to plug wells that have  
6 already become orphaned. And obviously, there are  
7 still a lot of orphaned wells to plug.

8 Q. So what does this approach do differently?  
9 Does it create impetus to keep wells from becoming  
10 beneficial -- non-beneficial or marginal?

11 A. It does. It both incentivizes increased  
12 production where possible and it incentivizes the  
13 operators to plug the wells where -- when that's no  
14 longer possible.

15 Q. When I look at the first document filed in  
16 this case, I see June of 2024. Does that sound  
17 about right to you?

18 A. I believe so, yes.

19 Q. And would you believe me if I said we had  
20 a 60-day legislative session between June of 2024  
21 and now that ran from mid-March -- I'm sorry -- mid  
22 January to mid-March of 2025?

23 A. Yes.

24 Q. So our New Mexico legislators had  
25 approximately six months between the beginning of

1 the session and June of 2024 to introduce a bill on  
2 this topic, had they chosen to do so?

3 A. That sounds correct to me.

4 Q. But the legislature didn't pass any  
5 legislation in this area in 2025, did it?

6 A. Not that I'm aware of.

7 Q. Do you believe there are instances when it  
8 takes years for a bill to pass despite promises and  
9 people's belief that action is imminent?

10 A. Yes, years, decades.

11 Q. Yeah. Yesterday there was a comment made  
12 that I would say -- would you believe me if I said  
13 that, you know, we three -- we were called  
14 bureaucrats yesterday -- are the designees of the  
15 governor and/or her administration or the  
16 Commissioner of Public Lands?

17 A. That's my understanding. Regulators are  
18 hard working people.

19 Q. Thank you. And that these elected  
20 officials, the governor and the Commissioner of  
21 Public Lands, that they can ask their  
22 administrations to pursue rulemaking in line with  
23 state law?

24 A. They can. And it would be inefficient if  
25 they couldn't.

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1 Q. And do you -- do you believe that our  
2 duties at the OCC includes rulemaking?

3 A. Yes. And you're certainly well situated  
4 to do it since you have minute understanding of  
5 what's happening on the ground.

6 Q. Do you also believe that the public has  
7 the right to petition us to do rulemaking?

8 A. I do.

9 Q. And that they have the right to do this  
10 regardless of what the legislature is doing or not  
11 doing?

12 A. Yes. That's part of the system.

13 Q. And that we have a duty, as the OCC, to  
14 respond to that petition?

15 A. Yes.

16 Q. Thank you.

17 COMMISSIONER BLOOM: Mr. Peltz helped  
18 me clear up some potential issues there around the  
19 role of the OCC rulemaking and how they're  
20 bifurcated paths in our state to get into a goal.  
21 There can be a legislative path, and there can also  
22 be a rulemaking path.

23 Mr. Peltz, thank you for your time. I  
24 have no further questions.

25 ADAM PELTZ: Thank you.

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1 HEARING OFFICER ORTH: Thank you,  
2 Commissioner Bloom.

3 Chair Chang, do you have questions of  
4 Mr. Peltz?

5 CHAIR CHANG: I think it's all been  
6 covered quite thoroughly. Thank you.

7 HEARING OFFICER ORTH: All right.  
8 Thank you very much, Mr. Peltz.

9 Any reason not to excuse him?

10 No? Thank you very much.

11 ADAM PELTZ: Thank you. It was my  
12 pleasure.

13 HEARING OFFICER ORTH: Shall we take  
14 a ten-minute break while we switch parties? Let's  
15 do that. Come back at 10:10.

16 (Recess was taken from 10:03 a.m. until 10:14 a.m.)

17 HEARING OFFICER ORTH: I don't know  
18 where Chair Chang is, but I imagine -- let's see,  
19 let's come back from the break, please.

20 All righty. We're coming back from a  
21 break now. And I believe we turn to the Oil  
22 Conservation Division to hear from their five  
23 witnesses.

24 Mr. Tremaine.

25 MR. TREMAINE: Thank you. Thank you

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1 Madam Hearing Officer. I do intend to start with  
2 brief opening remarks, and then we will proceed with  
3 the revised testimony order starting with Mr. Diede.

4 HEARING OFFICER ORTH: Great. Thank  
5 you so much.

6 MR. TREMAINE: All right. Good  
7 morning everyone, Madam Hearing Officer, Chair,  
8 commissioners, parties, and participating members of  
9 the public. I want to start out by thanking  
10 everyone for the obvious immense amount of effort  
11 and attention that goes into preparing for a hearing  
12 of this nature, particularly on a pretty important  
13 topic.

14 OCD participates in this hearing in  
15 support of the petition. And really, that's what  
16 I'm going to try to address at a high level now.  
17 Why do we support this petition? That's the billion  
18 dollar question.

19 I've had the pleasure of representing OCD  
20 since January of 2021. I actually started here in  
21 the middle of the waste rule hearing March 27th and  
22 28th. That period of time happens to be very  
23 important for -- in the discussion of orphaned  
24 wells, because 2021 is when OCD effectively  
25 implemented its current civil penalty authority and

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1 actively picked up enforcement related to inactive  
2 wells, after a period where OCD did not have civil  
3 penalty authority. That periods represents more  
4 recent, more consistent, and more detailed  
5 information regarding orphaned wells, both in terms  
6 of enforcement, in terms of coordinating and  
7 communicating with operators at various different  
8 sizes and types, and in terms of the plugging  
9 program.

10 Later on Mr. Powell will discuss some of  
11 the details or your lessons learned from the  
12 enforcement and implementation of the orphan well  
13 plugging program that I just referenced. But in  
14 summary, the Division notes two key deficiencies in  
15 the existing rule structure.

16 First, the existing rules do not allow for  
17 the timely and effective enforcement for the  
18 plugging of inactive wells. By the time an  
19 actionable violation exists on an individual well  
20 basis, that well, by definition, has not produced  
21 and thereby has not generated any revenue for the  
22 operator for 15 months. Okay? That's 12 months of  
23 inactivity under 19.15.5.9. And then -- and then 3  
24 months where the operator has not plugged a well  
25 under 19.15.25.8.

1 Further, by the time an operator's  
2 portfolio falls out of compliance with OCD rules,  
3 the operator will have experienced reduced or no  
4 revenue from the portfolio for at least 15 months.  
5 In OCD's experience, enforcement actions of any form  
6 seeking operator compliance regarding specifically  
7 plugging in this posture are ineffective. Despite  
8 diligent efforts by OCD in good faith attempts to  
9 communicate to accommodate responsive operators, we  
10 settle all of these cases every time, everywhere  
11 it's possible. It's simply too late. The operator  
12 is not in a position, when their portfolio is  
13 largely inactive, to plug their own wells -- or to  
14 comply with commitments they make in settlement  
15 agreements.

16 In the event -- the second issue, second  
17 deficiency is that in the event that OCD plugs and  
18 abandons wells or associated production facilities,  
19 and this is a very important point, the focus of the  
20 language and the discussions is largely on wells,  
21 but we will talk at some length through our  
22 presentation that we need to talk about associated  
23 production facilities and everything that goes along  
24 with that as well.

25 So payable financial assurance in that

1 event is wholly inadequate. The fact patterns  
2 related to this conclusion are complicated, but even  
3 in a case where an operator is fully compliant with  
4 the latest financial assurance rules, there is a  
5 massive delta between potentially -- and I highlight  
6 potentially payable financial assurance and the  
7 Division's costs for wellbore plugging.

8 And when I say that, I'm not talking about  
9 surface reclamation. I'm not talking about  
10 remediation. I'm not talking about other associated  
11 expenses. There is a delta between payable  
12 financial assurance and wellbore plugging.

13 This does not -- this does not factor into  
14 those other costs. And redemption of financial  
15 assurance and OCD's ability to redeem that is wholly  
16 inadequate to reimburse expenses from the  
17 reclamation fund.

18 I just highlight for the Commission's  
19 attention that the reclamation fund statute does  
20 authorize and, I think, implies a mandate that the  
21 Division should be attempting to redeem FA and  
22 overage expenses from operators or other parties  
23 where OCD expends monies from the reclamation fund.  
24 That is an authorized task of the Division. It's in  
25 the plain language. The requirements of the

1 bipartisan infrastructure law grant also expect the  
2 Division to attempt to recover both FA where  
3 applicable and seek indemnification where possible.  
4 So those are the two key deficiencies.

5 Now, I think there is also a couple  
6 questions that I believe will come up directly in  
7 dogmatically through the course of the hearing. We  
8 will hear a lot about industry's 95 percent success  
9 rate. What does that mean?

10 So, first of all, the Division is not  
11 going to stipulate to this number. But I do think  
12 it's useful to establish a floor for discussion of  
13 orphan well liability under the existing rules. If  
14 you think about the statement like, look, we're  
15 95 percent compliant, if you think about that, that  
16 has a -- that has a compelling ring to it, right?  
17 You think about, if I was in school and I took a  
18 test and I got 95 percent on a test, you got an A,  
19 right? But that's not a compelling analogy when  
20 we're talking about liabilities that are known for  
21 years and decades in advance.

22 A more appropriate analogy would be me  
23 saying, look, I have a 95 percent compliance rate of  
24 not speeding through red lights at Cerrillos and  
25 St. Francis. If I had a 5 percent failure rate

1 and -- as some people do, and travel through a red  
2 light at 60 miles an hour, I'm posing a significant  
3 social risk.

4 So the scope and cost of the 5 percent  
5 failure rate, which seems to be generally accepted  
6 and consistent with the national average, that's  
7 what we need to be focusing on. That 5 percent  
8 failure rate, when you look at the actual costs  
9 associated with those failures, it constitutes a  
10 remarkable social cost and risk that will require  
11 consistent OCD plugging for likely more than the  
12 next decade where we sit today. All right?

13 The other concept that I wanted to  
14 address, I think will come up is this concept of a  
15 bad actor. What does a bad actor, operator, or  
16 entity mean in the context of orphan wells? And  
17 unfortunately, in this context, I don't think it's  
18 actually a useful concept. Because the violating  
19 conduct is, by definition, typically engaged in by  
20 an entity that's effectively dissolved when we're  
21 talking about large scale inactivity.

22 There are specific cases where we will --  
23 we can note that an operator went inactive, evaded  
24 some notification or certification or compliance  
25 scheme and then got a new company and had further

1 problems, but that's atypical.

2 What the issue is, that operators who  
3 aren't playing appropriately for a certain stage of  
4 well production and development, if they go out of  
5 business or they -- or effectively dissolve, even if  
6 they don't dissolve or file bankruptcy, there's  
7 not -- I'm looking for the right analogy -- but,  
8 yeah, there's not much juice there for the squeeze  
9 if we're going to look for indemnification or  
10 recovery for orphan well plugging.

11 So whether it's -- whether it's  
12 intentional or happenstance is not really  
13 consequential, in my opinion. You know, industry  
14 recommendations for compliance standards seek to  
15 move enforcement triggers to a completely useless  
16 and untimely point. For instance, attempting to  
17 define beneficial use under our rules, as five years  
18 of active -- inactivity is moving the needle in the  
19 exact opposite direction of where it needs to go.

20 So that's the -- that's the concept of bad  
21 actor, and this comes up a lot. But I just wanted  
22 to clarify for the Commission. We're not talking  
23 about operators in a posture where they're highly  
24 likely to continue, once they're completely out of  
25 compliance, operating and, then there's a recurring

1 violation. It's like they're kind of out of  
2 business at that point.

3 So in support of the petition, we're going  
4 to call five witnesses. Loren Diede is our first  
5 witness. I will be conducting the examination. He  
6 is a petroleum specialist who will discuss specific  
7 examples of OCD orphan well plugging experiences.  
8 And we hope that that helps explain the challenges  
9 and uncertainty as inherent in plugging orphan  
10 wells, as opposed to operator conducted plugging  
11 experiences.

12 The second witness will be called by  
13 Mr. Hall, is John Garcia. He's the supervisor of  
14 OCD's Engineering Bureau, Special Projects Group.  
15 He will discuss the development of OCD's master  
16 orphan spreadsheet, which is OCD Exhibit 17, which  
17 is a living document compiling information on OCD's  
18 recent plugging activities.

19 Mr. Garcia will also discuss specific  
20 examples of wells which will fall into the proposed  
21 category of well classifications in the petition.

22 After that, Rosa Romero is OCD's  
23 environmental bureau chief. She will testify to  
24 various challenges in OCD's enviromental  
25 remediations associated with work in plugging with

1 orphan wells and associated production facilities.

2 We hope that this information helps  
3 explain the truly significant, but highly variable  
4 remediation costs for orphan wells and those  
5 associated production facilities.

6 I will call Ms. Romero. After that  
7 Mr. Hall is going to call Justin Wrinkle. He is  
8 OCD's engineering bureau chief. He will testify as  
9 to his professional experience in managing low  
10 producing wells on the operator's side.

11 And then we are going to -- at the end  
12 here, we're going to call Mr. Brandon Powell.  
13 Mr. Powell is OCD's deputy director. He is battling  
14 cleanup and will discuss OCD's perspective on each  
15 proposed update to the rule, OCD's process of  
16 developing feedback to the original proposal,  
17 response to the oft and future cited LFC report,  
18 lessons learned from our enforcement and plugging  
19 programs.

20 And if there are specifically problematic  
21 and implementation questions, they are best  
22 addressed to Mr. Powell.

23 I'm thinking of you, Commissioner Ampomah.  
24 I know from some of your questions, we're going to  
25 have a robust discussion.



Examination by Commissioner Bloom

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1 In summary, OCD's support of this petition  
2 is intended to achieve two results: First, increase  
3 operator compliance by compelling informed decisions  
4 regarding plugging and compliance options at a point  
5 in time where the operators remain active and are  
6 generating revenue. All right?

7 The second one is to close the gap between  
8 OCD's expected plugging costs and recoverable FA.  
9 Two very different objectives. There's, get  
10 operators to clean up their own stuff across the  
11 board, fix the delta between 95 and 100 percent.  
12 And the second one is where OCD does have to step in  
13 with its limited resources, limited reclamation  
14 fund, et cetera, we could actually recover  
15 meaningful funds and use those for future  
16 activities.

17 So to achieve these goals, OCD  
18 specifically recommended, in response to the  
19 petition, the original petition, thresholds that  
20 focused proposed changes on the highest risk wells  
21 and the highest risk operator well portfolios. And  
22 those thresholds proposed by the Division fall well  
23 below the generally accepted definitions of either  
24 marginal or stripper wells. All right. We're  
25 talking about a quarter or a tenth of what the

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1 stripper well definition is.

2 I want to underscore again how  
3 conservatively OCD aimed with those recommendations,  
4 Mr. Powell will be able to speak to that.

5 OCD's learned from over five years of  
6 related enforcement and two years of stakeholder  
7 engagement on this topic, the concepts from various  
8 other states, and attempted to apply those lessons  
9 it learned in our red line proposal.

10 I want to thank the petitioners for their  
11 willingness to incorporate our recommendations and  
12 extensive discussions. And I'm going to say that  
13 unfortunately, I have never seen a red line or  
14 concrete proposal from the NMOGA or IPA. There are  
15 some recommendations that have been submitted in  
16 this hearing, but nothing that meaningfully  
17 incorporates or earnestly attempts to address the  
18 deficiencies that I described earlier, which you  
19 communicated very clearly.

20 Why am I bringing this up? I am not  
21 attempting to be hostile to a group of people that  
22 have otherwise noted, engaged with OCD in a  
23 productive and professional manner. I'm  
24 highlighting this to point out that there's a  
25 critical point here where ultimately, for whatever

1 reason, the regulated community as a whole is either  
2 structurally incapable or unwilling to solve this  
3 problem.

4 What does that mean? That that means the  
5 government must take appropriate action. But the  
6 problem with that is obviously within a purview of  
7 the legislature. We stipulate to that. We agree  
8 with that.

9 It's also already well within the purview  
10 and statutory authority of the Division and this  
11 Commission. And so that's what we're doing here  
12 today. And at the summation of the record, we will  
13 ask the Commission to adopt the petition along with  
14 any changes that are deemed necessary by the  
15 Commission throughout the conduct of the hearing.

16 That will resolve my opening statement.  
17 And, Madam Hearing Officer, if we're ready to  
18 proceed, I would call Mr. Loren Diede to the stand.

19 Due to -- we've been moving a little  
20 faster than expected and because of travel  
21 arrangements and the duty locations of various OCD  
22 staff, we intend to call our first witnesses  
23 virtually.

24 HEARING OFFICER ORTH: Thank you very  
25 much, Mr. Tremaine.

Examination by Mr. Tremaine

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1 Oh, I see Mr. Diede on the platform here.

2 Mr. Diede, would you spell your first and  
3 last name, please.

4 LOREN DIEDE: Yes, it's Loren,  
5 L-O-R-E-N, Diede, D-I-E-D-E.

6 HEARING OFFICER ORTH: Do you swear  
7 or affirm to tell the truth?

8 LOREN DIEDE: I do.

9 HEARING OFFICER ORTH: Thank you very  
10 much.

11 Go ahead, Mr. Tremaine.

12 MR. TREMAINE: Yeah, Madam Hearing  
13 Officer, I'm going to ask Mr. Hall to assist me in  
14 sharing the slides. So I would ask that he have  
15 screen share capability, and he'll pull up  
16 Mr. Diede's slides.

17 EXAMINATION

18 BY MR. TREMAINE:

19 Q. Good morning, Mr. Diede.

20 A. Good morning.

21 Q. All right. Could you please tell the  
22 Commission what your current job title is with the  
23 OCD?

24 A. Yeah. My current job title is petroleum  
25 specialist, and I am focused almost exclusively on

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1 working with orphaned wells and forced plugging  
2 wells.

3 Q. Did you prepare in advance of this hearing  
4 a direct testimony, which is labeled as OCD Exhibit  
5 Number 4?

6 A. I did.

7 Q. And did you prepare a CV which is list --  
8 labeled as OCD Exhibit Number 5?

9 A. I did.

10 Q. And did you prepare a visual aid which is  
11 labeled as OCD Exhibit 6?

12 A. Yes.

13 Q. Are those exhibits prepared by you true  
14 and accurate, to the best of your knowledge?

15 A. Yes, they are.

16 Q. Do you require any corrections?

17 A. No major corrections. One typo that I  
18 found, and that was all.

19 Q. Okay. Can you tell us where the typo --  
20 where the typo is? Is it in your direct or the  
21 slide?

22 A. It's on the slide.

23 Q. Okay.

24 A. I'll point that out as we get to it.

25 Q. Very good. Do you adopt and affirm your

Examination by Mr. Tremaine

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1 direct testimony for your -- as your testimony  
2 today?

3 A. Yes, I do.

4 Q. Okay. We have up your visual aide, OCD  
5 Exhibit 6. At this time, Mr. Diede, I'd ask you to  
6 provide a summary of your testimony for the  
7 Commission.

8 A. Okay. And thank you, Mr. Hall.

9 And thank you, Mr. Tremaine.

10 LOREN DIEDE: And, Madam Hearing  
11 Officer, due to some hearing issues on my side, I  
12 prefer to use a headset during this testimony.

13 HEARING OFFICER ORTH: Thank you very  
14 much.

15 A. Okay. As stated previously, my name is  
16 Loren Diede, petroleum specialist with OCD. I have  
17 been with the OCD since February of 2024. I have a  
18 bachelor's degree in geology from the University of  
19 North Dakota. I have about 50 years of experience  
20 in the oil and gas industry, domestically in West  
21 Virginia, Pennsylvania, New Mexico, Colorado, Utah,  
22 Oklahoma, and Texas.

23 I began my career as a wireline logging  
24 engineer after graduation from the university. And  
25 then after doing some wireline logging work, I

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1 proceeded to work in the service business with  
2 hydraulic fracturing design and supervision,  
3 drilling and cementing design and supervision,  
4 workovers design and supervision, and most recently,  
5 plugging and abandonment design, supervision, and  
6 regulatory oversight.

7 And just a very brief summary of my CV.  
8 As stated previously, bachelor's degree from the  
9 University of North Dakota. Wireline logging  
10 engineer, then hydraulic fracturing and cementing.

11 And at one point in 1998, I had the  
12 opportunity to become, through BJ Services joint  
13 venture, the country technical manager of Algeria  
14 operations.

15 In 20 -- 2004, I began Diede Consulting  
16 Services focusing on hydraulic fracturing, drilling  
17 and cementing, well workovers, and plugging and  
18 abandonment. And most recently through NMOCD  
19 starting last February, February of 2024, working  
20 with P&As, regulatory and operational oversight.

21 I'd like to start with a definition that I  
22 am going to be using for orphan wells. There have  
23 been different definitions thrown about. New Mexico  
24 has not yet, as far as I can tell, given us an  
25 official orphan well definition.

1 I think pretty much what I'm using is the  
2 standard understanding of what an orphan well is.  
3 And this is to, quote, "a well where the OCD has  
4 deemed, through various methods, such as hearing  
5 orders, ACOI or other methods, that no viable  
6 operator exists to perform the necessary plugging  
7 and remediation of this well." That is the  
8 definition I'm going to be following.

9 Along with that and overlapping in some  
10 regards is forced plugging. Forced plugging are  
11 wells where various regulatory agencies, such as the  
12 State Land Office or the Bureau of Land Management,  
13 is requiring an operator to plug a well for which  
14 there is no operator of record anymore. And through  
15 different obligations that the operator has through  
16 leaseholds, and what have you, an operator is not  
17 being asked to, and obligated to plug a well. This  
18 is also what I will call forced plugging.

19 So between orphan well and forced  
20 plugging, there are some overlaps, and most of my  
21 time is spent working on both of those together. A  
22 non-orphan well, of course, is plugged by an  
23 operator of record, kind of in the conventional  
24 manner in which we would normally conduct operations  
25 and plugging operations.



1           The New Mexico Administration Code NMAC,  
2   if we will, 19.15.25.10. And the exact quote of  
3   that is, "Before an operator abandons a well, the  
4   operator shall plug the well in a manner that is  
5   permanently -- that permanently confines all oil  
6   [and] gas and water in...separate strata in which  
7   they are originally found."

8           Now, that is a rather simplistic  
9   statement. What it takes to comply with that and to  
10   plug a well adequately, safely, and also isolate the  
11   fluids in the different strata, as indicated, is  
12   somewhat more difficult and takes a lot more time  
13   and money than we often would wish it did. Most of  
14   the difficulties that we have and encounter are  
15   downhole conditions of the well that cannot be  
16   estimated with any degree of certainty before the  
17   operations begin.

18           We also want to make certain that, to not  
19   only do this to comply with the NMAC 19.15.25.10,  
20   that we also are complying with the pre-published  
21   NMOCD conditions of approval that kind of guide how  
22   we are going to accomplish that goal.

23           The information that's available for any  
24   given well study, the history, condition of the  
25   well, is not always completely available. As the

1 ownership of many of these wells have become  
2 orphaned wells or sometimes forced plugging wells,  
3 the ownership has changed numerous times. And it is  
4 obvious that these are often divested numerous  
5 times, and with every transaction, the quality of  
6 the data diminishes significantly.

7 The OCD well files are often a main source  
8 of information that we have to deal with. And it's  
9 what the plugging contractors and the operators that  
10 are conducting the forced plugging operations have  
11 to rely on because the well files from the companies  
12 that drilled and owned the wells over a period of  
13 time are probably no longer in existence. And if  
14 they are, they are not accessible to the people that  
15 are conducting and preparing to do the P&A.

16 So some of the well condition factors that  
17 would contribute to the difficulty of some of our  
18 P&As -- and I'm going to inject just a real quick  
19 side note here. I hear off and on comments about  
20 reactivation of wells and -- where wells -- or  
21 should be reactivated so that they don't become  
22 orphan or don't need to be plugged.

23 What I have seen so far is that most of  
24 the wells that are in a position where they have to  
25 be plugged and are orphaned already, the conditions,

1 the mechanical -- mechanical integrity of the  
2 wellbore and the conditions downhole in this well  
3 would make it that the reactivation is not a viable  
4 option at this point.

5 So going forward, saying that, okay, now  
6 we're going to plug the well, some of the conditions  
7 that are going to come into play stuck or parted  
8 rods. That's something we run into very often.  
9 Stuck and parted tubing, parted casing, unstable  
10 ground around the well, and sometimes the wellhead  
11 actually breaks off. You have unexpected pressures  
12 or flow coming from the well. We'll have examples  
13 of all of those here in just a little bit, so . . .

14 Next slide, please.

15 Okay. Now, just to illustrate, some of  
16 the things that have been just mentioned, I prefer  
17 to call some of these wells neglected wells. And  
18 this is a photo of some severely corroded tubing  
19 that, as we were trying to pull the tubing out of  
20 the well, it parted. And this is a picture of why  
21 it parted. It had been corroded to a point where it  
22 no longer had any integrity. And as we were pulling  
23 it out, it could not support the weight of the  
24 tubing below it, which, in this particular case, was  
25 about another thousand feet of tubing that was left

1 in the hole because it broke off at this point.

2 So now a fishing operation has to begin.  
3 And a fishing operation is to go in and fish out the  
4 remaining tubing. In a case like this, it's  
5 probably one of the most time-consuming operations  
6 that we encounter when we have difficulties.

7 Next, please.

8 Another is the stability of the ground  
9 around the wellhead. In this particular case, this  
10 is one of two wells in a close -- fairly close  
11 together in the same field. We went out with the  
12 rig to rig up on the well and proceed with our P&A  
13 operations. And in the preparation and the writing  
14 of the P&A procedure, without going to the site  
15 itself, there's no way to know that this is what we  
16 would encounter. And we couldn't tell how far down  
17 this cavity went.

18 So we had to take quite a few precautions  
19 to be able to assure that we could safely get the  
20 rig in site and be able to support the rig. We have  
21 no idea of what the stability of the ground around  
22 this area was going to be and how far to extend it  
23 or how deep. So that was just one more  
24 illustration.

25 And sometimes this happens more frequently

1 than we would like to think, where you can see the  
2 tubing coming out of the tubing hanger on the top of  
3 this wellhead. Those slips and the supporting  
4 hanger should come free and come out of that bowl,  
5 but they did not. They are corroded and rusted in  
6 place. And when we pulled on the tubing to dislodge  
7 that out of the wellhead, the casing below the  
8 wellhead broke off.

9 And now we have an open situation where  
10 the well is opened to the atmosphere. We have no  
11 way to control this thing. If it wanted to blow or,  
12 you know, have any issues with bringing fluids to  
13 the surface and pressure, we have no way to control  
14 this. Fortunately in these -- this case, and most  
15 often when this does happen, the well is depleted to  
16 the point where it is virtually dead, and we -- you  
17 know, we don't have that risk factor. But it could  
18 definitely be a different scenario.

19 As I stated previously, it is difficult to  
20 predict ahead of time what type of operational  
21 difficulties time and expense are going to be  
22 involved in plugging some of these wells.

23 In this particular case, the Cato San  
24 Andres field in Chaves County, New Mexico, we were  
25 doing some plugging. And we have two different

Examination by Mr. Tremaine

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1 wells that I would like to show as a comparison that  
2 were drilled in the same area by the same operator  
3 within several weeks of each other and it drilled in  
4 almost an identical way and cased in almost an  
5 identical way. We had the same P&A operator going  
6 to location to do this work, which they had also  
7 contracted the same P&A contractor. And we ended up  
8 with a vastly different scenario between these two  
9 wells.

10 Next, please.

11 So the Cato San Andres Number 50 and  
12 Number 164 -- 150 and 164, as you can see by the  
13 legal description, these are very close together.  
14 The depth is similar. Casing is similar. The spud  
15 date is within several weeks of each other. When we  
16 look at, under Operational category, the listing of  
17 what took place to plug these wells, the Number 150  
18 well took 35 days. Number 164 well took seven days.  
19 And there is no way to know this until you get into  
20 the well, open the well, and start doing your  
21 operation.

22 One of the major issues I touched on  
23 previously in that illustration was fishing  
24 operations, stuck pipe with multiple tool failures,  
25 and we had to do repeated cementing to be able to

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1 get down deep enough that we could actually plug  
2 this well properly. The fishing operations,  
3 multiple attempts were made to retrieve the stuck  
4 tubing and parted pipe that was in the well.  
5 Number 164 well, we had no issues like that at all.

6 And on the cementing, the Number 150 well,  
7 we would pump cement plugs in place, and they did  
8 not stay due to different conditions downhole. The  
9 cement basically would travel by gravity down and  
10 not stay in position where it should be over the  
11 interval to be plugged.

12 Number 164 well, we didn't have those  
13 issues.

14 There were some mechanic -- mechanical  
15 issues on both wells, a little bit more on the  
16 Number 150 well. And sometimes these mechanical  
17 issues aren't necessarily just things that happen  
18 with the rig on locations. Sometimes they are.  
19 Sometimes they're also caused by some of the  
20 conditions and the operating difficulty and stresses  
21 involved in what you are trying to accomplish with  
22 that rig to get either cement placed or getting the  
23 tubing out of the hole or going in with your work  
24 string tubing and getting it stuck and different  
25 things that you have to deal with can sometimes also

1 cause some of the mechanical failures.

2 And overall, these two wells had  
3 significantly different complexity in achieving our  
4 goal. We were able to get both of these wells  
5 adequately plugged and be able to comply with  
6 isolating the various zones that needed to be  
7 isolated and complying with the NMOCD conditions of  
8 approval that had been applied to both of these  
9 wells equally so that we had a good, safe plugging  
10 operation.

11 Next, please.

12 We also have to deal with previously  
13 plugged wells. In this particular case, in Lea  
14 County, the community of Jal, New Mexico, a  
15 landowner in the city of Jal called our OCD office  
16 in Hobbs and said, "There's an old P&A marker  
17 outside of my -- one of my outbuildings, and it's  
18 leaking and it smells bad."

19 This gentleman also happened to have a  
20 little bit of knowledge, a little bit of experience  
21 in the oil and gas business and realized that if he  
22 was smelling rotten egg smell coming out of that  
23 marker, that it was most likely hydrogen sulfide gas  
24 and had to be reported, and something needed to be  
25 done.



1           So as soon as that call came in, our  
2 supervisor from Hobbs and the -- one of our  
3 cementing contractor supervisors went to location to  
4 investigate and saw that this P&A marker that the  
5 gentleman had called about was within about 25 feet  
6 of an outbuilding. And they did a gas test real  
7 quick with a monitor, and they were getting readings  
8 of 100 ppm hydrogen sulfide gas, and they were also  
9 getting some volatile indications on their LEL  
10 readings. The assessment was made of the location,  
11 and preparations were starting to be made for how to  
12 get in and approach this and get this done.

13           They -- we cordoned off the area. Talked  
14 to the folks at Jal, New Mexico, the emergency  
15 responders, police department, City council, and  
16 alerted them to what was going on and had them help  
17 us kind of keep people out of the area. And started  
18 making arrangements on how to get this well taken  
19 care of.

20           We started immediately looking at well  
21 records that were available within the OCD website.  
22 And that was the only indication of any records that  
23 were going to be available because the company that  
24 drilled this well in 1951 was long gone. The well  
25 was plugged in 1953. And the records that we did

1 have were very sketchy.

2 The records indicated that after they  
3 drilled the well at 7-inch casing, that the casing  
4 was cemented in two different stages. We'll see  
5 that on the diagram here in a minute. But there was  
6 no indication of how much cement was pumped or  
7 whether they had any indication of how high the  
8 cement on the outside of the casing would be found.

9 So they did say in their plugging  
10 paperwork in 1953 that 12 -- ten sacks of cement had  
11 been placed in the casing at 1900 feet and ten sacks  
12 had been placed at the surface. Well, in 7-inch  
13 casing that is approximately -- depending on the  
14 type of cement they used, is about 50 feet of cement  
15 plug height. So they had two of those, one at  
16 1900 feet and one at the surface.

17 Now, the well had been plugged, capped,  
18 and the wellhead had been removed. A plate was  
19 welded to the top of the casing with the marker and,  
20 you know, the marker was leaking. So we knew that  
21 whatever was between the surface and downhole was  
22 leaking and had no integrity.

23 So to do this carefully, we had to  
24 approach it as if the worst case scenario were going  
25 to be experienced.

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1           Next, please.

2           We didn't know what was going to happen  
3 after we removed the P&A marker. There was  
4 something leaking. We didn't know where, how. So  
5 we started to excavate around the wellhead so that  
6 we could get down deep enough to be able to do what  
7 we needed to do to get a blowout preventer in place  
8 so that we could open the well with the blowout  
9 preventer in place.

10           To do that, since we also had some LEL  
11 readings and we had volatiles, we were -- as we were  
12 excavating, we had a nitrogen blanket being placed  
13 around the area to minimize any chance of fire as we  
14 were digging out this.

15           And also the people working on the crew  
16 that was working in the area, we had to get them  
17 recertified, make sure their H2S monitoring and  
18 safety training was up to speed so they could work  
19 in that environment. We had to go in with supplied  
20 air for the crew working that environment, not just  
21 for the H2S and the volatiles, but also because of  
22 the nitrogen that we're placing into the area to  
23 protect from flash fires.

24           We had to fabricate a number of different  
25 things to be able to get the BOP mounted onto this

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1 outside casing. There was no wellhead, no flanges  
2 or anything for us to mount the BOP on. So all of  
3 this had to be fabricated, and we had to be able to  
4 install it on top of this casing without having --  
5 not having to weld it because we didn't want to be  
6 welding in that atmosphere.

7 So everything had to be clamped and bolted  
8 in place. It took a great deal of fabrication. It  
9 took us about ten days to get this all done so we  
10 could get the BOP in place.

11 As soon as the BOP was in place, we were  
12 able to remove the marker and then start going into  
13 the well with a mill and some work string tubing.  
14 What we found at the surface is, there was no cement  
15 at the surface. The ten sacks that had been placed  
16 at the surface were not found. We didn't see them,  
17 didn't feel them.

18 Went on down. Got to 1900 feet. Didn't  
19 find any cement there either. So what happened?  
20 Well, with time -- and we're looking at a  
21 significant amount of time here -- cement will  
22 deteriorate. And depending on the type of cement  
23 they used, we don't know what that was, it may not  
24 have been adequate to the task. But with the amount  
25 of time that transpired, no cement was found.

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1           So we did get down to the bottom of the  
2 well with the H2S alarms continually going off  
3 because the well was still producing H2S. And we  
4 circulated some scavenger to mitigate the H2S, along  
5 with that, keeping everyone out of the way, keeping  
6 our safety company in place with their monitors to  
7 do everything we would normally do in an environment  
8 like that in a workover situation or a drilling  
9 situation. So that was added cost, added time.

10           We ran a cement bond log to evaluate our  
11 casing condition and cement condition. What we  
12 found was that most of the casing that had been  
13 placed and cemented in 1951 was unsupported by  
14 cement. And so we started designing, placing cement  
15 as indicated by the CBL results and going along with  
16 conditions of approval to kind of satisfy what we  
17 were needing to accomplish here to get this well  
18 plugged adequately.

19           It took us until September 29th, and we  
20 started on September 6th. So it took us 23 days to  
21 get to a point that we got this well properly  
22 plugged.

23           Next, please.

24           Based on the information that we were able  
25 to see and able to find, this is what the well

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1 should have looked like. You can see the casing.  
2 There was cement on the outside of the casing.  
3 There's an open hole section down below that was  
4 indicated on the records. TOC, or top of cement,  
5 there on the right-hand side with a question mark.  
6 We didn't know where we would find it to be. They  
7 did have a diversion tool, a DV tool in place so  
8 they did do two stages of cement, two relatively  
9 small stages of cement. And this is kind of what we  
10 were dealing with. That's all the information we  
11 could -- all we had.

12 Next, please.

13 This is what it looked like when we  
14 finished. We had to place cement. The dark gray  
15 inside the casing is the cement that we placed  
16 inside the casing. And the dark gray, as you see  
17 towards the top on the outside, is where we actually  
18 perforated and placed cement, not just inside the  
19 casing, but outside the casing to seal the casing to  
20 the formation. And we had to do that in a number of  
21 places for a number of different reasons. I'm not  
22 going to belabor the point.

23 But you can see how much they said they  
24 had. And at that particular time in 1953 was  
25 probably considered adequate and was approved as a

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1 plugging plan. But to do it by today's standards,  
2 this is what we ended up having to do to get this  
3 well plugged in a -- in a fashion that complies with  
4 our rules and conditions and standards for today.

5 Couple of photos from the call number 1.  
6 The first photo is showing us the outbuilding that  
7 the gentleman had and the P&A marker proximity to  
8 the building. Numerous buildings in the area and  
9 houses, of course, that aren't in the photo.

10 And the middle photo is showing us the  
11 fabricated supports that we had to make in this  
12 excavated area and attached to the old casing so  
13 that we could safely and adequately get the BOP  
14 stack on at the very top to control us while we went  
15 into the hole, control any flows as we were going in  
16 to do the work inside the casing.

17 The last photo is what we accomplished.  
18 We adequately plugged the well. Had a new P&A  
19 marker with a lot of cement inside and cement in the  
20 cellar area. This was then covered and remediated  
21 so that the gentleman didn't have a mess in his  
22 backyard any more than he had to start with. And  
23 probably better off than it was to start with.

24 That was the end of the call, call number  
25 1.

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1           Okay. Another example. Buckskin Federal  
2 well number 2. I will probably say without any  
3 reservations, this is probably the most difficult  
4 well that I have had to deal with since I've been  
5 here at OCD and probably one of the more difficult  
6 wells I've had to deal with in my career.

7           We were notified -- OCD was notified of a  
8 leak in February of 2024 on the Buckskin pad that  
9 contained two wells. There was Buckskin Federal  
10 Number 1, Buckskin Federal Number 2 wells on the  
11 same well pad. It was leaking out of the casing  
12 valve. Our OCD contractor that was -- plugging  
13 contractor was working in the area, was -- and  
14 investigated and repaired the leak.

15           So that was accomplished in February of  
16 2024. It was decided, then, that this well needed  
17 to be plugged. It's a federal well, federal  
18 minerals. This well had been drilled in 1980 and  
19 had been converted to injection in 1984.

20           So OCD had meetings with the BLM and  
21 discussed how we were needing to plug this well. We  
22 put together a plugging plan.

23           The OCD submitted that through our  
24 plugging contractor to the BLM. Plugging plan was  
25 approved. And we started to move in on location

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1 with the rig and had to shut down because there was  
2 a family of owls that made a home in the horse's  
3 head on the Buckskin Number 1 well, and its  
4 proximity to the Buckskin Number 2 is only about  
5 100, 120 feet apart. So we were not allowed to  
6 continue operations until the -- such time as the  
7 owls decided to leave on their own.

8 We kept watching. And finally in October  
9 of 2024, the owls had left, and we were able to  
10 bring in two P&A rigs to simultaneously plug both of  
11 these wells.

12 One of the wells, the Buckskin Number 1,  
13 was a little over 6,000 feet deep. The Buckskin  
14 Number 2 was about -- between 3,900 and 4,000 feet  
15 deep. And we decided it would be best just to go  
16 ahead and have all the equipment on location. To  
17 save time, effort, and money, we'd have all of the  
18 cement and equipment on location be shared between  
19 the two rigs that were on-site. And it didn't work  
20 that way.

21 Next, please.

22 Buckskin number 2 P&A difficulties. I'll  
23 say I have a comparison coming up here to -- on a  
24 table to show the difficulty between Buckskin  
25 Federal Number 1 and Number 2. The deeper well,

1 Number 1, was basically plugged with hardly any  
2 issues whatsoever. Buckskin Federal Number 2, this  
3 was the well that was leaking back in February of  
4 2024, and the casing valve that had broken off and  
5 was leaking had been repaired. The area had been  
6 cleaned up. And now we were back to go ahead and  
7 plug the Buckskin Federal Number 2.

8 In an attempt to unseat the packer  
9 initially, the well started flowing up the casing as  
10 soon as the unpacker was unseated. We were getting  
11 pressure up the casing. Sometimes you can allow  
12 this to flow a long enough for the pressure to blow  
13 down. It didn't blow down.

14 It started flowing water, sand, and rocks,  
15 actually 1-inch rocks. We've got pictures of those.  
16 Some of the rocks coming up the casing annulus  
17 between the tubing and the 7-inch casing. We  
18 attempted to kill this well with heavy mud. We  
19 could pump down the casing to kill the well, but as  
20 soon as you tried to do some work, it would start  
21 flowing again.

22 And the fact that we had the packer  
23 unseated and that the flow, rocks, sand, and what  
24 have you, were coming up the casing had also  
25 deposited on top of the packer, and now we not only

1 had a flow, but we had a packer that was stuck. And  
2 we were not able to retrieve it and the tubing from  
3 the well.

4 This was all happening in May, but with  
5 the shutdown that we had due to the owls, this  
6 didn't take us very long to get shut down and had to  
7 stop and wait until October to be able to resume  
8 work. So the well had been just shut in as it was.  
9 And once the owls had left, we went back and -- with  
10 a rig and started to do the operations, the plugging  
11 operations on this Buckskin Number 2.

12 Okay. Next, please.

13 The pressure had built up as high as up to  
14 1400-psi. And we were pumping -- at this particular  
15 point when we started back on the job, we were  
16 pumping cement down the tubing and able to get  
17 cement down the tubing into the injection zone in  
18 the hopes that we were able to shut the flow and  
19 pressure off.

20 We pumped several cement plugs down the  
21 tubing. The flow did not stop. So there must have  
22 been some conduit outside the casing that was  
23 allowing this flow to come back into the casing  
24 between the casing and the tubing and was depositing  
25 more debris on top of that tubing packer.

1           We had cemented inside of that tubing at  
2   2405 feet, but when we went to find a free point  
3   with a logging tool, we found the free point of the  
4   stuck tubing at 918 feet. So there was a  
5   significant amount of debris from the packer  
6   location on up to 918 feet.

7           So we cut the tubing at 918 so that we  
8   could try to clean this wellbore out, get back on  
9   top of the tubing, fish the tubing out, and continue  
10   with our P&A. Overshot was run to latch onto the  
11   tubing. We were able to do that. We attempted to  
12   pull the tubing. It was stuck. And we kept getting  
13   additional influx of material.

14          And now the casing had been filled up with  
15   the influx of up to 385 feet. We could kill the  
16   well, but every time we went to try to clean the  
17   well back out again, you have to release some of the  
18   pressure that you were using to kill the well and  
19   then more -- more material flowed in.

20          Numerous attempts were made to pump cement  
21   to seal off this influx. And every time we got  
22   cement in place, went to clean out that cement and  
23   get a little bit deeper, the influx would overpower  
24   our ability of the rig to maintain pressure control.  
25   The well was shut in.

1           We brought in a larger rig with a larger  
2 blowout preventer. And this was rigged up, and we  
3 changed out from the lighter 2-3/8-inch work string  
4 for a heavier 2-7/8-inch work string.

5           Now -- next, please. Okay. Thank you.

6           On December 12th of 2024, while we were  
7 cleaning out material at 362 feet, a pressure surge  
8 hit and pushed two joints of our 2-7/8-inch tubing  
9 out of the well, up into the derrick, and bowed the  
10 tubing up in the derrick and bent it in just a  
11 matter of seconds.

12           At that point, everything was shut in.  
13 The well was under control. We had discussions with  
14 OCD management, engineering staff, BLM, our  
15 contractors and decided at this point, between OCD,  
16 engineering, BLM, and our contractor, that the best  
17 decision was to bring in a snubbing unit that could  
18 handle this kind of pressure and keep the pressure  
19 in the well instead of having it try to blow us out.

20           It took a while to find a snubbing unit.  
21 We got the one coming out of Louisiana. And in  
22 January 28th, the rig was on the move, the snubbing  
23 unit rig was on the move.

24           As the snubbing unit was rigged up, we  
25 went in to tag, and the fill had now come up to

1 293 feet. And the snubbing unit was working to  
2 clean this out with the snubbing operation in place  
3 with a weighted mud, various types of downhole  
4 tools, and maintaining constant pressure on the well  
5 so that no pressure flow was going to be bringing  
6 more material in. But no matter what we did, we  
7 never got any deeper than 455 feet with the snubbing  
8 unit.

9 Each trip that we spent getting back into  
10 the hole, we were losing and fighting and getting  
11 more and more influx of material, even by  
12 maintaining pressure control.

13 While we were trying to attempt to clean  
14 this out, the return contained cement, metal, and  
15 wire. Where that came from, we don't know. We've  
16 never seen that before. Formation sand and rocks  
17 were still coming out of this well.

18 The concern of everybody at this point is  
19 that if we kept working inside this casing, we were  
20 going to be cutting holes in the casing and making  
21 the situation even worse. We didn't know that we  
22 were going to be able to maintain staying inside the  
23 casing.

24 Next, please.

25 So we ended up in the end not getting past

1 455 feet, but a plug of 1120 sacks of cement was  
2 plugged down to try to seal off the area below 455,  
3 out and around the casing, wherever it was going to  
4 need to go to shut off that pressure influx.

5 And the cement plug was then displaced  
6 about 256 feet. We were monitoring pressures. And  
7 at this point, we had the pressures under control.

8 And the snubbing unit was released. The  
9 pressure had diminished, and we were monitoring it.  
10 Snubbing unit -- the supervisors and owners and  
11 engineers from the snubbing unit company determined  
12 that they were not going to be able to go any  
13 further with this and were not going to be able to  
14 help us any further.

15 We set a bridge plug at that 256 feet.  
16 The casing was pressure tested. We had good  
17 pressure test on the casing. We know we had  
18 integrity from 256 feet to surface. And we  
19 monitored this pressure for two weeks. We had no  
20 pressure increase, and the design -- we designed the  
21 final P&A between ourselves and BLM to finish this  
22 P&A, fill this completely full of cement.

23 And that is what we did. Casings were cut  
24 off. A P&A marker was installed witnesses --  
25 witnessed by the BLM representative. And we

1 considered that well plugged.

2 The table here, between the Federal  
3 Buckskin Federal Number 1, Buckskin Federal  
4 Number 2, I'm not going to belabor the point of  
5 everything other than to indicate that on the  
6 Buckskin Federal Number 1, took us ten workdays to  
7 get that work completed. The initial casing  
8 pressures are 250-psi versus what we would -- had  
9 seen on the Buckskin Number 1 of 1450-psi, keeping  
10 in mind these two wells are only about 100 some feet  
11 apart.

12 We would have thought -- before we started  
13 this project, we would have thought that the -- that  
14 the deeper Buckskin Number 1 at 6600 feet would  
15 probably be the one that could cause us some more  
16 difficulties. This was not the case. The -- we ran  
17 the logs, got to the bottom, cleaned the well out,  
18 plugged the well with basically no issues.

19 Buckskin Number 2. We just went through  
20 the scenario there as to what took place on the  
21 Buckskin Number 2. Totally different scenario.

22 So once again, cannot determine ahead of  
23 time based on well records or depth as to how these  
24 are going to react when you try to plug them.

25 MR. TREMAINE: Madam Hearing Officer,



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1 can I get a time check?

2 HEARING OFFICER ORTH: Yes. You  
3 have, let's see, 16 minutes left.

4 MR. TREMAINE: Thank you.

5 Please proceed, Mr. Diede.

6 A. Yes, I think we can satisfy that  
7 requirement. Thank you very much.

8 Buckskin Number 2, this is a very quick  
9 wellbore diagram based on the information we had at  
10 the time as to what we thought we were going to  
11 encounter. We had a packer at about 3650 feet  
12 inside two -- a 7-inch casing, perforations at 37-  
13 to 3800 feet. And this was tubing that was being  
14 used to inject into those perforations.

15 Next, please.

16 Whole different scenario here. We outline  
17 some of the issues. Down at the bottom around the  
18 packer and the perforations, this is some of the  
19 cement that had been pumped down the tubing to try  
20 to shut off the influx. And then at that point, we  
21 realized that probably not all this influx was  
22 coming from the perforations. It was very likely  
23 coming from above that packer, coming into the  
24 casing on the outside of the tubing, and filling up  
25 our whole space inside the casing and inside the

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1 tubing, for that matter, with debris.

2 At the very upper section is where what we  
3 ended up doing with the snubbing unit and  
4 subsequently with the last P&A rig to finish this to  
5 the satisfaction of the BLM's requirements and --  
6 well, I take it back -- not to the satisfaction of  
7 anybody's requirements, other than we adequately  
8 sealed the well and were able to shut off the influx  
9 and had no pressure built up in the surface casing,  
10 production casing. And we were able to pump cement  
11 and cap this well off.

12 Okay. Number 1 slide on the left is what  
13 we had in February of 2024 when the casing valve  
14 failed and the water and oil material was flowing  
15 out on the surface. This was repaired in February  
16 of 2024. The area cleaned up to a point where it  
17 satisfied some of the environmental requirements for  
18 cleaning this up and then getting us ready to go in  
19 and do the P&A work.

20 Middle slide is what we saw when we first  
21 released the packer in May of 2024. This was the  
22 material coming out of the 2-inch casing valve at  
23 the surface.

24 The last slide is where we were going in  
25 with the larger rig and a 2-7/8 work string to kind

1 of clean this well out. This is 2-7/8-inch tubing,  
2 as you see in the derrick, that had been pushed out  
3 as (sic) a matter of seconds. And at that point,  
4 the decision was made that the regular conventional  
5 rigs that we were using would not be adequate.

6 Next, please.

7 The left slide and the second to the left  
8 are what -- if you have not been experiencing or  
9 worked around a snubbing unit, the first slide is  
10 what it looks like from a distance, a rather  
11 significant amount of equipment.

12 The second slide shows a little closer  
13 view of what it takes to get in a position where you  
14 can snub. And basically snubbing is allowing you to  
15 travel in and out of the wellbore without any  
16 opening to the atmosphere. Everything is  
17 self-contained as you move in and out of the  
18 wellbore.

19 The third slide is the unexpected material  
20 where we had sand and wire, cable wire of some sort,  
21 coming out as we were trying to clean out with the  
22 snubbing unit. We had not seen this before and  
23 didn't expect it. But this is what we were getting  
24 and weren't able to make any progress even with the  
25 snubbing unit.

1           The last slide is the final P&A marker in  
2 place on the Buckskin Number 2.

3           Next, please.

4           So in conclusion of my testimony, I just  
5 want to reiterate that it is difficult to determine  
6 with any certainty what cost and time is going to  
7 take to plug any particular well before the  
8 operations begin. Buckskin Federal Number 2 and  
9 Coll Number 1 are good examples of this. But also I  
10 want to make sure to state that these are extreme  
11 examples. These are not normal. Normal operations  
12 unplugging, even on some of the orphan wells, and  
13 forced plugging wells go as procedure, but these are  
14 two extreme examples.

15           Now, also I will have to say that of the  
16 orphaned wells, the neglect that these wells have  
17 probably experienced in their lifetime make them  
18 more difficult to plug than you would normally find  
19 in a normal non-orphaned, non-forced plugging  
20 operation.

21           So New Mexico -- this number has been  
22 bandied about some and it varies depending on the  
23 data source. But this was a data source that I had  
24 available to me. So we can say that somewhere  
25 between 63,000 and 72,000 wells within the state

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1 have not been plugged. Of those, how many Buckskin  
2 Federal Number 2 wells are there waiting to be  
3 plugged?

4 And then the next state would be -- New  
5 Mexico has approximately 40- to 50,000 wells within  
6 the state that are plugged, and an unknown subset of  
7 those wells may have been inadequately plugged. The  
8 question there is: How many Coll Number 1 wells are  
9 still out there? The answer is: We don't know, but  
10 we know that they're there. It's just a matter of  
11 time until we deal with them.

12 That's the conclusion of my testimony.  
13 Thank you very much.

14 Q. Thank you, Mr. Diede.

15 MR. TREMAINE: Madame Hearing  
16 Officer, we're not offering rebuttal or surrebuttal  
17 through Mr. Diede.

18 So at this time I would move admission of  
19 OCD Exhibits 4, 5 and 6. And I would make the  
20 witness available for cross.

21 HEARING OFFICER ORTH: All right.  
22 Thank you, Mr. Tremaine.

23 Let me pause for a moment in the event  
24 there's an objection to OCD Exhibit 4, 5, or 6.

25 MR. CLOUTIER: I don't believe we do,

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1 Madame Hearing Officer, but if you could unmute  
2 Ms. Tripp since she is going to cross Mr. Diede.  
3 And I appreciate it.

4 MS. TRIPP: Yes, I believe I'm  
5 unmuted. This is Ann Tripp. No objections to  
6 Exhibit 4, 5, or 6.

7 HEARING OFFICER ORTH: Thank you.  
8 Anyone else?

9 MR. SUAZO: No objections from NMOGA.

10 HEARING OFFICER ORTH: Exhibits 4, 5,  
11 and 6 are admitted.

12 (OCD Exhibits 4, 5, and 6 admitted into evidence.)

13 HEARING OFFICER ORTH: Ms. Tripp,  
14 would you like to begin your questioning of  
15 Mr. Diede?

16 MS. TRIPP: Yes. Thank you, Madam  
17 Hearing Officer.

18 EXAMINATION

19 BY MS. TRIPP:

20 Q. And good morning, Mr. Diede. I'm also  
21 attending remote so we can virtually connect here.  
22 Thank you so much for taking time out of your day.  
23 I know you have a real job with real C-103s to  
24 review and get to because my clients are waiting for  
25 those. But I appreciate all the time and effort

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1 that's gone on into preparing and to explaining from  
2 a very fundamental level what it takes to plug an  
3 abandon well.

4 I do have some questions, so I'm going to  
5 try to move quickly. But if there's any difficulty  
6 understanding, you know, through this virtual  
7 medium, please ask me to repeat.

8 The first thing I'll just say is that I  
9 reviewed your CV, and I guess the only question I  
10 have on that, is that: Is there any position that  
11 you have not held within the oil and gas industry in  
12 operating a well?

13 A. Usually when we deal with anything on the  
14 ground up, that's an area that I would hesitate to  
15 say that I have much experience in. So I --

16 Q. Okay.

17 A. -- prefer to work below ground.

18 Q. Got it. Have you been -- and -- well,  
19 that makes sense. So in terms -- there's one -- I  
20 believe it was slide 4 of your demonstrative where  
21 you reference a term called "forced plugging," which  
22 sounds like where the operator who is not of record  
23 plugs a well upon request either from the State Land  
24 Office or the BLM. Is that an accurate summary?

25 A. That would be my understanding of that,

1 yes.

2 Q. Okay. And so that -- those wells that are  
3 forced plugged by other operators, do you know in --  
4 we've been kind of banting about the 5 percent,  
5 95 percent. So I'm not asking you to adopt that  
6 exact division between wells that are plugged by  
7 industry and wells that are plugged by OCD.

8 But do you know if that forced plugging  
9 number is incorporated into wells that OCD is  
10 responsible for plugging or are they handled  
11 differently in tallying that up?

12 A. I don't believe -- and my understanding is  
13 that those would be responsible as far as the same  
14 way that an orphan well would be. An orphan well is  
15 something that there is no operator liable to do  
16 any -- or obligated to do any of that work.

17 So in a forced plugging, you still have  
18 someone, an operator that is obligated to work on  
19 that and, therefore, should not fall through as an  
20 orphan well where the state would be using monies  
21 that the state has, from whatever source, to pay and  
22 furnish a PO and pay for that operation.

23 Q. But in the situation of -- and if you're  
24 not familiar with this area, please feel free to  
25 kick me to the next witness. But where you have an



1 operator who's been requested to plug and there's a  
2 forced plugging, that operator does not have --  
3 typically doesn't have authority or permission to  
4 enter the premises to operate the well to the extent  
5 to plug it unless there's been some type of  
6 enforcement action. And then the operator who's  
7 coming in is acting underneath the OC authority; is  
8 that right?

9 A. I'm not sure I totally understand the  
10 point of the question.

11 Q. I'm just trying to distinguish -- trying  
12 to run down -- we have some numbers, and there's a  
13 concept of forced plugging, and trying to understand  
14 whether the numbers of wells that operators are  
15 plugging that are not theirs, whether that's  
16 accounted for in the 5 percent or the 95 percent.

17 A. Okay. Now I can -- I can understand the  
18 question. And I will say I do not know.

19 Q. Okay.

20 A. All right.

21 Q. All right. Thank you. And then  
22 certainly, I -- you testified a little bit earlier  
23 about -- excuse me -- the concept of reactivation  
24 and that when wells have been abandoned for a very  
25 long time, that they're not really a viable option

1 for that reactivation. But at the same time, you  
2 also explained that these examples are extreme. And  
3 just looking at the Cato San Andres unit wells,  
4 there can be vast differences between those wells.  
5 Is that fair?

6 A. That would be fair, yes.

7 Q. Okay. And so to the extent that one  
8 orphan well is poor casing integrity, that's not  
9 indicative of all orphan wells and certainly not  
10 indicative of all marginal wells?

11 A. It would probably be somewhat indicative  
12 of an orphaned well because an orphaned well is  
13 probably an orphan for a reason. And the reason may  
14 be that it's not a viable candidate to be  
15 reactivated or anything else be done with it.

16 Marginal wells is a different matter. And  
17 that's something that -- you know, there's a lot of  
18 argument about different type of definitions for  
19 marginal. And I will leave that definition  
20 discussion to someone else within OCD.

21 Q. All right. I will not -- I will not pull  
22 up a rainbow slide. I will not force you to go  
23 through that activity, then.

24 A. Okay.

25 Q. Moving on to the Coll Number 1 well that

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1 you discussed, where that well had been plugged in  
2 accordance with the regulations at the time in 1953;  
3 is that right?

4 A. As near as we can tell, yes. The plugging  
5 had been approved.

6 Q. And so is it your understanding under the  
7 financial assurance rules, the financial assurance,  
8 either whether a surety bond or cash bond, that is  
9 released after a well is plugged and certified  
10 released?

11 A. That would be my understanding, but what  
12 took place in 1953, I don't think any of us here  
13 would really know that.

14 Q. Okay. But the way the rules are enforced  
15 or followed today, an operator who has some type of  
16 surety bond or cash bond in place, once they have  
17 plugged the well and OCD has inspected and released  
18 the well, that's when that bond is released from the  
19 surety?

20 MR. TREMAINE: Objection, foundation.  
21 Mr. Diede is not the bond administer or a supervisor  
22 in charge of that program. We do have witnesses  
23 available who will be able to talk about that,  
24 Mr. Powell can address bond release.

25 HEARING OFFICER ORTH: Sounds like a

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1 better question for Mr. Powell.

2 MS. TRIPP: Okay. Thank you, Madam  
3 Hearing Officer.

4 Q (By Ms. Tripp) So the funds that were used  
5 to plug Coll Number 1, those were reclamation funds,  
6 correct?

7 A. Yes, I believe they were. Now, I can't  
8 say that with 100 degree certainty because it's been  
9 a while.

10 Q. Okay. But reclamation -- and reclamation  
11 funds are only -- let me restate this. I'm trying  
12 to -- I'll reorganize based on the fact that you've  
13 not been called to testify about financial  
14 assurance.

15 But your understanding of the way the  
16 reclamation fund works and the way orphaned wells  
17 are plugged by the OCD, the reclamation fund does  
18 not consist of financial assurance alone?

19 A. That, I think, is an issue, once again,  
20 left to others in OCD that are more equipped to  
21 answer that.

22 Q. Well, we mentioned your extensive CV, and  
23 you've certainly operated wells in New Mexico; is  
24 that correct?

25 A. I did not operate wells. I worked as a

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1 service engineer or as a consultant for operators.

2 Q. So you didn't assist with the acquisition,  
3 drilling, or planning of wells in New Mexico?

4 A. No. I like to stay below ground, as I  
5 stated previously.

6 Q. So the Cato San Andres and the Buckskin  
7 Federal, I just want to restate your testimony that  
8 those are some -- not the San Andres -- the Coll and  
9 Buckskin, those are extreme examples; is that  
10 fair -- is that correct?

11 A. I would consider them to be rather  
12 extreme, yes.

13 Q. In preparing for this testimony for the  
14 rulemaking, have you reviewed any of the other  
15 testimony provided or attended these hearings?

16 A. No. I saw some of the hearings yesterday,  
17 but that was all.

18 Q. Have you reviewed the proposed rules that  
19 applicants have filed and then the revised proposed  
20 rules?

21 A. I did not review them. I -- anything I  
22 know about them would be just from hearing  
23 discussions, but not being involved in discussions.

24 Q. Okay. Well, I guess moving on to the  
25 Buckskin Federal Number 2. That was a federal well,

1 correct?

2 A. Yes.

3 Q. Which means that it is covered by federal  
4 bonds -- federal lease bonds that are statewide or  
5 individual lease?

6 A. I would think it would have been, but I  
7 can't state that for any certainty. That's not my  
8 area.

9 Q. Understand. It's also not your area to  
10 say whether financial assurance proposed by these  
11 rules would actually affect bonding levels for the  
12 Buckskin Federal 2? You're not offering an opinion  
13 on that?

14 A. I cannot.

15 Q. Do you know whether the -- we've been  
16 using a figure of \$163,000 for the cost of plugging  
17 wells by the OCD. Do you know if that figure  
18 includes the \$5.2 million of the Buckskin Federal?

19 A. I do not know.

20 Q. Do you know who might be the best witness  
21 to go down that rabbit hole with?

22 A. I think some of the OCD witnesses may have  
23 that in their pocket. I don't know.

24 Q. Okay. All right. Thank you, sir. And  
25 you also mentioned with the Buckskin Federal that

1 certainly, there's a lot of circumstances that you  
2 don't know when you get into the hole or even when  
3 you arrive on location, that there could be a family  
4 of owls nesting nearby. Is that fair?

5 A. That is also correct, and that is what  
6 shut us down, you know, for five months.

7 Q. So to the extent that applicants are  
8 proposing a strict compliance measure in the  
9 proposed rules where operators are no longer allowed  
10 to have any percentage of wells inactive, those  
11 circumstances that are outside of an operator's  
12 control, like a family of owls, strict compliance  
13 would mean that they are in violation of the rules  
14 no matter how . . .

15 MR. TREMAINE: Objection. Calls for  
16 a legal conclusion, and that's outside Mr. Diede's  
17 testimony.

18 HEARING OFFICER ORTH: Ms. Tripp, it  
19 does sound like a call for a legal conclusion.

20 MS. TRIPP: Well, we'll move on  
21 because I know Mr. Diede hasn't proposed rules in  
22 any detail.

23 Q (By Ms. Tripp) So let's -- I want to touch  
24 briefly -- your role within OCD, are you -- in  
25 addition to reviewing plugging proposals, do you

1 also see the cost side of things, in terms of  
2 invoices under the statewide pricing agreement?

3 A. My focus has been almost exclusively on  
4 the technical side. You know, I've been here a  
5 little over a year-and-a-half, and it takes a while  
6 to kind of establish a path, and my position has  
7 been evolving slowly. But at this point, not to the  
8 point of evaluating costs. I'm strictly sticking  
9 with the technical and operational side, trying to  
10 do what we can there to make it go as well as we  
11 can.

12 Q. I understand. And to the extent that  
13 there are technical issues that may come up about  
14 whether the Division needs to expend certain costs  
15 for procedures, whether it's a fishing expedition or  
16 whether it's additional equipment that wasn't  
17 planned on, are you consulted in that fashion at  
18 all?

19 A. Yes. And if these are -- kind of an  
20 ongoing oversight with the operators. If it's a  
21 forced plugging, I'll work with the operators, such  
22 as one of the operating companies that's in charge  
23 of that. Or if it is an orphan well, a plugging  
24 contractor that's contracted by the state, I will be  
25 dealing with their supervisors and kind of



1 discussing issues as they come up.

2 On the other hand, if this is a federal  
3 well, we also keep the BLM engineer and myself in  
4 communications so that BLM and the OCD agree on the  
5 best path forward to adequately plug the well.

6 Q. Okay. And I'd like to share my screen. I  
7 should be able to do it.

8 This is Exhibit 17 from the OCD, which is  
9 the Master Orphan Spreadsheet. And you should be  
10 seeing what looks like an Excel spreadsheet within  
11 the window. Is it large enough? Or I can make it a  
12 little bit larger.

13 A. I can see it.

14 Q. Okay. Because we discussed -- or you  
15 discussed in your direct testimony, the Cato  
16 San Andres Unit 164 and the Cato San Andres Unit 150  
17 wells, which are also federal wells. And there's a  
18 column, column S, Pluggable. And so I didn't know  
19 if you'd seen this. Have you seen this spreadsheet  
20 before?

21 A. Yes, I have.

22 Q. Okay. All right. And I don't know who  
23 legally, necessarily, these -- who's answering these  
24 questions. But in terms of the -- who was plugging  
25 Cato San Andres 150 and 164, line 31 says, "Yes, if

1 BLM request." And then line 949 says, "BLM-Shell."

2 So were those wells forced plugging wells  
3 or were those wells that were deemed orphaned and  
4 then an OCD contractor plugged those wells?

5 A. I know Shell was plugging the wells. But,  
6 of course, Shell is no longer an operator within New  
7 Mexico. All of the legal things that took place to  
8 get it to that point had all taken place prior to my  
9 arrival at OCD, so I don't think I can speak to that  
10 with any clarity.

11 Q. I understand. So you're not -- you can't  
12 say for sure whether the funds to plug the Cato  
13 San Andres 164 or the 150 came out of the  
14 reclamation fund or whether it was a forced plugged  
15 well that was plugged by another operator?

16 A. I would not be able to answer that  
17 accurately.

18 Q. All right. Thank you, sir. And so to the  
19 extent that you're involved just on the technical  
20 side, you're not reviewing plugging invoices for per  
21 diem or for a crew number or for mileage charges?

22 A. No.

23 Q. Do you know who at OCD performs that duty  
24 normally?

25 A. There are clerical and administrative

1 people that concentrate on that.

2 Q. Earlier we heard some testimony about  
3 whether or not there is correlation between depth  
4 and well plugging costs. And are you familiar with  
5 the current regulations for financial assurance and  
6 plugging bonds?

7 A. Once again, I would have to say not very  
8 familiar with, but have heard references to that.

9 Q. Okay. Well, in your -- prior to coming to  
10 the OCD, I believe your testimony, you said 40 to 50  
11 years as a contractor doing workover plugging  
12 operations for wells?

13 A. Yes.

14 Q. Okay. And so in your experience in  
15 that -- especially in New Mexico, whether the  
16 San Juan Basin or Permian, do you believe that there  
17 is any correlation between depth of the well and  
18 plugging costs?

19 A. Generally, but not necessarily always.

20 Q. Okay. And so generally, meaning that the  
21 deeper a well, the more cement, the more number of  
22 plugs you will need to plug the well. Is that fair?

23 A. That would be a fair statement.

24 Q. Okay. And to the extent that you're going  
25 to need more materials, there will be more waiting

1 time for cement to cure, which increases standby  
2 costs, that will drive the cost of the well -- to  
3 plug the well up?

4 A. That could be a factor, yes.

5 Q. So you've been in the industry for a fair  
6 amount of time, and that's a compliment.

7 A. It's not always, but, thank you.

8 Q. Well, we haven't driven you off yet.

9 So are you familiar with the operator of  
10 the -- certainly OCD's plugged a lot of Cato  
11 San Andres unit wells. Are you familiar with the  
12 operator who caused that?

13 A. I have been in communication with them  
14 from time to time when those were also federal, and  
15 the BLM was involved primarily. And there would be  
16 times that I would be asked to give an opinion.

17 Q. Okay. And that operator that we're  
18 speaking of is -- some may feel that they should not  
19 be named, but I believe it's Cato Petro; is that  
20 correct?

21 A. I believe, yes.

22 Q. Okay.

23 A. I believe so.

24 Q. Yeah. Okay. Are you familiar with the  
25 reason -- the reason behind this orphaning, in terms

1 of Cano Petro's bankruptcy and how much money the  
2 OCD's actually recovered from them?

3 A. I am not.

4 Q. Okay. In terms of the Buckskin Federal  
5 Number 2, when you were reviewing the well file that  
6 you mentioned in terms of, this is the only  
7 information that we have to go forward from, did you  
8 review the changes of operators behind that well?

9 A. No, I did not.

10 Q. Okay. So you're not familiar that there  
11 was already an ACOI placed between New Mexico and  
12 Energy Acumen at the time that Acumen took over?

13 A. I don't know all the ins and outs of some  
14 of those, like ACOIs. Those are things that I'm  
15 familiar with the terms, but not necessarily with  
16 all of the details and -- so I would have to say no.

17 Q. Okay. Thank you. And then I just wanted  
18 to touch on one of the points you made during your  
19 summary of your direct testimony, and I think it  
20 was -- I apologize, I'm not sure which well we were  
21 talking about at the time, but the phrase was, you  
22 know, this was depleted until the point the well was  
23 dead. Maybe it was the call but -- or maybe -- it  
24 refers to how much risk you had to approach the  
25 well. Do you recall -- do you recall that

1 statement?

2 A. Re-ask that again, please.

3 Q. Well, the phrase that I wrote down was,  
4 when you were approaching a plug on abandoned  
5 certain wells, that it was -- it was depleted to the  
6 point the well was dead.

7 A. I don't recall making that statement  
8 exactly in those words. But sometimes if you have  
9 some minor pressure, you can blow it down to the  
10 point where you can work on it without the small  
11 amount of pressure that had built up over time when  
12 it was shut in.

13 Q. Yes. Yes. Thank you for clarifying. I  
14 do believe it was with respect to the amount of  
15 pressure in the well. So to the extent that the  
16 pressure is low, is merely pressure being low in a  
17 well representative of recoverable hydrocarbons for  
18 that well?

19 A. No, because there again, I would leave  
20 that for reservoir engineers to work on -- or answer  
21 that more carefully. But when you're just working  
22 on a well, if there's a small amount of pressure  
23 that's built up over time, if it depletes very  
24 quickly, then that would indicate to me that there  
25 are no hydrocarbons there of any consequence.

1 Q. And are you referring specifically to the  
2 primary production period?

3 A. Not necessarily, no.

4 Q. Okay.

5 A. I mean -- yeah.

6 Q. Are you generally familiar with the  
7 percentage of recovery ranges between primary,  
8 secondary, and tertiary?

9 A. Not to a point where I can speak on it  
10 with any accuracy.

11 Q. Okay.

12 A. I would leave that to production folks.

13 Q. Thank you. So just to the extent that you  
14 make a comment about the amount of pressure in a  
15 well, you're not making a statement or offering an  
16 opinion about potential future life or purposes of  
17 that well?

18 A. That would be correct.

19 Q. Okay. Thank you.

20 MS. TRIPP: And I'm going to review  
21 my notes very quickly. I don't want to take up more  
22 time than I have to, but I believe . . .

23 I have covered all the areas and questions  
24 that I have for you, sir. Thank you very much for  
25 your time.

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1 LOREN DIEDE: Thank you.

2 HEARING OFFICER ORTH: Thank you,  
3 Ms. Tripp.

4 Mr. Suazo, would like to begin your  
5 questioning or take the lunch break?

6 MR. SUAZO: I can begin my  
7 questioning.

8 HEARING OFFICER ORTH: All right.

9 EXAMINATION

10 BY MR. SUAZO:

11 Q. Good morning, Mr. Diede. My name is  
12 Miguel Suazo, and I'm the attorney representing  
13 NMOGA in this proceeding. How are you this morning?

14 A. Very well. Thank you.

15 Q. Excellent. Well, we certainly appreciate  
16 your testimony today, and I just want to clarify a  
17 few things based upon your slides and what you've  
18 told your counsel and counsel for IPANM.

19 Just to confirm, you joined OCD recently,  
20 in February of 2024, correct?

21 A. That is true.

22 Q. And prior to that, your work was primarily  
23 a consultant or field supervisor for plugging and  
24 workover types of operations; is that accurate?

25 A. That is accurate.

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1 Q. And just to clarify the scope of your  
2 testimony in this case, you are not offering an  
3 economic or policy analysis of financial assurance;  
4 is that right?

5 A. That is correct, I am not.

6 Q. So your testimony is limited to plugging  
7 fieldwork, yes?

8 A. In this testimony, yes.

9 Q. Okay. Now, the two wells that you've gone  
10 over in detail, the Coll Number 1 in Jal and the  
11 Buckskin Federal Number 2, these are extraordinarily  
12 extreme and challenging plugging jobs, correct?

13 A. Yes. And they were intended to illustrate  
14 that.

15 Q. And has OCD done any sort of statistical  
16 analysis of how many wells that experience these  
17 types of extreme issues exist?

18 A. I am not aware of that.

19 Q. Okay. What percentage of wells the OCD  
20 plugs would you say are more of the routine nature?  
21 Are you able to put a general percentage on that?  
22 Is it 90 percent? 95 percent?

23 A. That is a percentage number that I don't  
24 feel comfortable stating, other than I would say a  
25 high percentage of wells -- without any data to back

1 it up, high percentage of wells is -- probably  
2 experienced a lot less difficulty than those two  
3 illustrations.

4 Q. Okay. Then I guess just to summarize what  
5 you can say about the nature of the wells OCD plugs,  
6 is that the vast majority of them are routine  
7 pluggings?

8 A. I'm not sure how we can define routine.  
9 They all vary.

10 Q. Sure. But I guess routine in the sense  
11 that they don't take an inordinate amount of time  
12 and they don't generally exceed, you know, an  
13 extraordinarily high monetary threshold?

14 A. Again, a very difficult question to answer  
15 with any certainty.

16 Q. And it's not data that OCD, I guess,  
17 tracks?

18 A. I have not tracked that, and I'm not aware  
19 if we have.

20 Q. Okay. How does OCD prioritize the wells  
21 that they plug? Is there a set of criteria that's  
22 used?

23 A. There are criteria that I may not be aware  
24 of. When we're looking at issuing POs, that is  
25 outside of my scope as to how those are determined

1 and which wells are included.

2 Q. Can you clarify for the record what you  
3 mean by PO, please?

4 A. Oh, purchase order.

5 Q. Okay. Thank you. Is it fair to say the  
6 OCD would prioritize the oldest or riskiest wells  
7 for plugging?

8 A. I could not say that.

9 Q. Who at OCD would know the answer to that?

10 A. There are people within OCD that could  
11 probably answer that much more accurately than I can  
12 because they have the information that I don't have.

13 Q. Okay. I'd like to ask you about your  
14 testimony on rule 19.15.25.10, which requires  
15 operators to permanently confine oil, gas, and water  
16 in their original strata. Is that an accurate  
17 description of that rule?

18 A. That sounds like an exact stating of it,  
19 yes.

20 Q. And they have to do that before that well  
21 is abandoned, correct?

22 A. That is what the NMAC you stated says that  
23 we are to do -- or the operator is to do.

24 Q. And that rule has been on the books for  
25 many years; is that right?

1           A.       My understanding is that it probably has  
2       been.

3           Q.       And the Coll Number 1 occurred -- the  
4       issues occurred with that well because it was  
5       plugged back in, I think, 1953, you said?

6           A.       I don't -- I know it was plugged in 1993,  
7       because I have that in the records. Other than  
8       that, I can't state anything about that plugging.

9           Q.       I'm sorry, did you say '93 or '53?

10          A.       1953. My apologies.

11          Q.       No problem.

12                 And that was decades before today's rules  
13       were in place, correct?

14          A.       I can't state that with any certainty  
15       because I don't know when the rules were put in  
16       place and any modifications to them, I don't know  
17       that.

18          Q.       Would you say that you -- sorry, go ahead.

19          A.       I said I'm working currently with what we  
20       have currently published and trying to follow those  
21       the best we can.

22          Q.       So do you know anything about the rules  
23       that were in place back in the 1950s?

24          A.       Most definitely not.

25          Q.       Okay. Is it possible there were no

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1 regulations covering the plugging of these types of  
2 wells at that time, to your knowledge?

3 MR. TREMAINE: Objection,  
4 speculation. I think it's asked and answered, too.

5 HEARING OFFICER ORTH: So, Mr. Diede,  
6 I do not want you to speculate in response. Do you  
7 have an answer that doesn't require speculation?

8 LOREN DIEDE: Agreed, thank you.

9 Q (By Mr. Suazo) And just to confirm your  
10 testimony, it's possible that the operators at that  
11 time were conducting plugging operations in  
12 accordance with what was appropriate at that time?

13 MR. TREMAINE: I must maintain my  
14 objection. Mr. Diede has already testified that he  
15 doesn't know what rules were in place and what  
16 operators were doing in respect to the rules at the  
17 time. He's merely testified to what is in the well  
18 file with the casing diagram.

19 HEARING OFFICER ORTH: That's what I  
20 heard as well, Mr. Suazo.

21 MR. SUAZO: I'll move on.

22 Q (By Mr. Suazo) Mr. Diede, with respect to  
23 the rule changes that are the subject of -- that are  
24 the subject of this proceeding, we're generally  
25 talking about wells that are much newer in vintage

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1 than the wells that you discussed in your testimony  
2 examples, correct?

3 A. I would say that's probably true.

4 Q. Now, for some of the wells that you've  
5 discussed, you mentioned OCD was losing cement  
6 downhole. Did OCD set a cast iron bridge plug in  
7 those wells?

8 A. There are times that you can't get into  
9 the well, can't get into the casing far enough to be  
10 able to do that. So you have to do the best you can  
11 with the circumstances you have if you can't get the  
12 tubing out or if the casing is corroded to the point  
13 where you can't set a plug.

14 Q. Okay. But do you know if in these cases  
15 with the Coll and Buckskin, if it was attempted or  
16 whether it was possible?

17 A. Could you rephrase that, please. Because  
18 these are two very different wells.

19 Q. Well, I guess let's take each one in turn.  
20 Let's start with the Coll. Do you know whether a  
21 cast iron bridge plug was put in place or whether it  
22 would have been possible for purposes of plugging  
23 that well?

24 A. Are you asking about the original  
25 plugging?

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1 Q. No, sir. I'm asking about what OCD did.

2 A. Well, we were able to get into that well  
3 enough to set a bridge plug.

4 Q. Okay. Does OCD keep track of how many  
5 wells are successfully plugged by operators  
6 annually?

7 A. I do not.

8 Q. Would you say that the overwhelming  
9 majority of plugging in New Mexico is done by  
10 operators?

11 A. Well, that data is out there, I'm sure. I  
12 don't have it.

13 Q. Okay. So I guess with respect to your  
14 testimony, is a fair takeaway that the rules that  
15 are in place currently are adequate for effective  
16 plugging, but the OCD infrequently or on occasion  
17 encounters extreme examples?

18 MR. TREMAINE: Objection. It's a  
19 compound question. I'm not sure what rules  
20 Mr. Suazo is referring to.

21 MR. SUAZO: I can refer to the rule.

22 Q (By Mr. Suazo) I'm sorry, I can be clearer.  
23 The rule that you referenced on your slide,  
24 19.15.25.10, would you say that rule is adequate for  
25 effective plugging operations?

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1           A.     It had evidently been determined to be  
2     adequate by someone. I didn't make it. I follow it  
3     as best I can.

4           Q.     Okay. I think that's fair.

5                     Mr. Diede, would it surprise you if  
6     industry found some of these wells that are of older  
7     vintage, let's say 50 to 100 years old, and industry  
8     was able to rework them and produce them?

9           A.     Would it surprise me? Quite a few years  
10    ago, I didn't think we could do horizontal wells,  
11    and now we're doing it. So anything is possible  
12    with technology advances. So I'm not sure the point  
13    of that question.

14          Q.     Well, do you know of any wells that are of  
15    older vintage, like the wells that you used in your  
16    description, that were reworked and able to be  
17    produced?

18          A.     I can't answer that with any accuracy. I  
19    plug the ones that have been determined that need to  
20    be plugged. I don't do remediation on old wells  
21    anymore.

22          Q.     Okay. And just to be clear, your  
23    testimony today is not offering an opinion in any  
24    way for or against justifying increasing --  
25    increases in bonding, correct?



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1           A.       That is correct. I am not offering any  
2       opinions on that matter.

3                   MR. SUAZO: All right. Thank you,  
4       Mr. Diede.

5                   NMOGA has no further questions for this  
6       witness.

7                   HEARING OFFICER ORTH: All right.  
8       Thank you very much.

9                   You've brought us to within three minutes  
10      of noon. So let's take our lunch break and return  
11      at 1:00.

12      (Recess was taken from 12:01 p.m. until 1:04 p.m.)

13                  HEARING OFFICER ORTH: We are back  
14      after a lunch break, and we're going to continue  
15      with the questioning of Mr. Diede.

16                  Let's see. Mr. Sayer or Ms. Bradfute, do  
17      you have questions?

18                  Mr. Rankin, do you have questions?

19                  MR. RANKIN: Thank you, Madam Hearing  
20      Officer. I do have a few.

21                               EXAMINATION

22      BY MR. RANKIN:

23           Q.       Good afternoon, Mr. Diede. How are you  
24      today?

25           A.       Very well. Thank you.

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1           Q.     Thank you for the background on some of  
2     that. Appreciate it. It's helpful for me to learn  
3     some new terms and actually see some new photos as  
4     well.

5                     My name is Adam Rankin. I represent OXY  
6     in this matter. I don't -- I don't suppose that you  
7     were involved with any of the discussions between  
8     OXY and the applicants in this case, so I'll  
9     probably save my comments for appreciation for the  
10    Division's engagement for another witness.

11                    But just wanted to confirm that you  
12    weren't involved with any of those discussions, were  
13    you?

14           A.     No, I was not.

15           Q.     In your testimony, I think it's slide 1 --  
16    I think I'll go ahead and pull it up. Oh,  
17    there's -- I had my colorful slide up there.

18                    In this slide number 4 here, you talked  
19    about two different groups or categories of wells,  
20    none of which is formally defined, but one is the  
21    orphan well and the other is the forced plugging  
22    well. The -- and I understand that -- just so I  
23    understand, the wells that you gave examples of in  
24    your testimony, were those all what you would call  
25    orphan wells?

1           A.       The two Cato San Andres were probably --  
2       would be what you would call forced plugging. The  
3       Coll was kind of in a category all to itself since  
4       it was an old P&A that we were just repairing. But,  
5       yes, the Buckskin well was an orphan well.

6           Q.       So the Cato San Andres were wells that OCD  
7       plugged, right?

8           A.       There was an operator plugging those under  
9       more of a forced plugging because -- but that  
10      operator was not even -- it's a rather complicated  
11      arrangement, my understanding, so I don't have all  
12      the details on that. But it was probably a forced  
13      plugging with some input from the state since that  
14      operator was not currently an operator within the  
15      state of New Mexico.

16          Q.       Okay. Yeah. All right. I just wanted to  
17      make sure I understood the examples that you were  
18      giving, whether they were orphan or which ones were  
19      forced.

20                 Okay. So I'm interested in both, but the  
21      forced plugging -- and you've only been with the  
22      Division now for a little over a year-and-a-half --  
23      about a year-and-a-half or so, right?

24          A.       That is correct.

25          Q.       In the -- in the year-and-a-half you've

1 been with the Division, have you seen an increase in  
2 these forced plugging type situations?

3 A. I can't speak to that because I haven't  
4 been tracking. So I wouldn't be able to say whether  
5 it's increasing or decreasing.

6 Q. Okay. And just -- okay. What role does  
7 the -- do you have or does the Division have when  
8 it's a forced plugging situation, where it's a  
9 third-party operator coming in? What role does the  
10 Division have in that process?

11 A. Well, doing some oversight similar to what  
12 I would do on an orphan well plugging, and it might  
13 have to do in some regards to the fact that the  
14 operator doesn't always have all of the information  
15 that they would normally have on their own plugging.

16 So I will get involved in formation top  
17 picks to make sure we have all of the formation tops  
18 that the conditions of approval will require. And  
19 then offer some guidance where I can along the way  
20 as they do their operation.

21 Q. Now, as to the forced plugging wells,  
22 sometimes it's the case that the operator, the  
23 designated -- the division-designated operator of  
24 those wells is no longer viable. And that might  
25 have been the case with the Cato San Andres wells,

1 right?

2 A. Can you restate, please.

3 Q. Sure. I guess my question is: For the  
4 forced plugging wells, the operators of the  
5 Division-designated operators of wells that are, you  
6 know, forced plugged -- or identified as being -- to  
7 be forced plugged by the State Land Office or the  
8 BLM, it's sometimes the case that the  
9 Division-designated operator is no longer a viable  
10 entity, right?

11 Like for bankruptcy or some other reason,  
12 they're no longer valid -- you know, they're no  
13 longer around?

14 A. The previous operator of record would not  
15 be viable anymore at that point, yes.

16 Q. But is it always the case that the  
17 Division-designated operator of these forced  
18 plugging wells is no longer viable? Sometimes they  
19 just refuse to do the work, right? So then BLM or  
20 the State Land Office will look to the lessee of  
21 record or another operator of record to do the work;  
22 is that correct?

23 A. I can't -- I can't answer that accurately  
24 because I don't have the information to substantiate  
25 it one way or another.

1 Q. Okay. So, yeah, you don't know whether  
2 it's always the case that a forced plugged well, the  
3 operator's always defunct or not viable, right?

4 A. That would be correct, I do not know those  
5 things.

6 Q. Okay. And so it's not always the case  
7 that a -- or you can't say whether it's always the  
8 case that a forced plugged well is always an orphan  
9 well, right?

10 A. I could not state that either, no.

11 Q. Yeah, okay. One thing that caught my ear,  
12 I was just kind of interested in understanding a  
13 little bit about it. I think it was when you were  
14 discussing slide 6. You said something to the  
15 effect that with every transaction -- you know,  
16 every transfer of operatorship, the quality of the  
17 data for the well or facility degrades or declines.

18 What did you mean by that? And how does  
19 it -- how does the data decline over time with each  
20 transfer or transaction?

21 A. Okay. Well, you know, I stated that the  
22 quality of the data diminishes because the records  
23 that you would normally have, if you are the  
24 operator of a well, like some of the clients that I  
25 worked for before coming here, you know, they had a

1 whole file room of files that you could go through  
2 to get all the information, every bit of history of  
3 the well that was recorded in those records would be  
4 available to you.

5 In this particular case, whether they're  
6 orphan or whether they're being forced plugged, if  
7 the ownership has, you know, changed hands a number  
8 of times, those records are often never available to  
9 the final holder, final person that has to do the  
10 work. They just don't exist sometimes.

11 Q. I see. So the distinction you're making  
12 is that -- or the point you're making is that  
13 because the entity no longer exists, those records  
14 that are not public are not available to the OCD or  
15 the operator who's been tasked to do the forced  
16 plugging, correct?

17 A. That would be correct.

18 Q. And so that all they're left with is  
19 whatever may be available publicly with the OCD,  
20 correct?

21 A. That is correct also.

22 Q. All right. And so the older the well, the  
23 less public information is probably available on  
24 that well, correct?

25 A. Generally, but not always.

1 Q. Yeah. Okay. All right. So then the  
2 other wells that you identified in your testimony  
3 that you talked about and gave some more detail on,  
4 I think it's the CS -- oh, those are the -- okay.

5 So you addressed two of the Cato  
6 San Andres unit wells, the 164 and the 150. And  
7 those were both forced plugging wells, correct?

8 A. Those -- yes.

9 Q. Okay. And then the Coll Number 1 and the  
10 Buckskin were both orphan wells?

11 A. The Coll well, I'm not sure how to define  
12 that because that was just an old P&A that, you  
13 know, failed and had to repair it.

14 Q. Got it. And the Buckskin was an orphan  
15 well, right?

16 A. Yes.

17 Q. Okay. In each instance, though, none of  
18 those wells were recently active producing wells,  
19 right?

20 A. Cato San Andres well, I don't know how  
21 recently they had produced, but as far as the Coll,  
22 of course, it stopped producing in 1953. And the  
23 Buckskin had, then, converted to an injection well  
24 in 1984, and I don't know when it had stopped being  
25 used.



1 Q. In each case, production was -- I mean,  
2 can you tell me whether production had stopped for  
3 more -- was it more than a year, two years for each  
4 of these wells? Or in the case of the Buckskin,  
5 injection?

6 A. I do not know the answer to that.

7 Q. Okay. So you don't know the timeframe  
8 between last production or injection for any of the  
9 wells that you discussed off the top of your head?

10 A. That's correct, I do not know.

11 Q. Okay. But based on the condition of the  
12 wells, can you tell me whether you think it was --  
13 the wells were recently active or did it appear that  
14 they were not recently active at all?

15 A. Well, the conditions varied so much that  
16 it's hard to answer that.

17 Q. But obviously, the well records would tell  
18 me, right, if I went and looked them up, how  
19 recently they produced or injected, right?

20 A. That would be public information, I'm  
21 sure.

22 Q. Yeah. Okay. Just based on your  
23 experience, Mr. Diede, and all the years you've got  
24 and the work you've done with the Division over the  
25 last year-and-a-half and your testimony about the

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1 wide range of costs incurred by the Division to  
2 undertake plugging -- in particular, I guess the  
3 Buckskin was one of the more expensive ones -- in  
4 your opinion, is a -- is an average plugging cost  
5 incurred by the Division a useful metric, given that  
6 wide variety, especially in the case of orphan  
7 wells?

8 MR. TREMAINE: Objection. Mr. Diede  
9 has testified to the expensive time and oversight.  
10 He's testified that he does not review -- he's not  
11 responsible for financial records or money costs.  
12 We will have witnesses that can address this in more  
13 detail.

14 HEARING OFFICER ORTH: I remember  
15 that.

16 MR. RANKIN: Well, I guess he's got  
17 50 years' experience managing and overseeing  
18 plugging. And he's testified about the wide range  
19 of experiences and costs that were incurred by the  
20 Division. I'm wondering, based on his experience  
21 and testimony, whether he has an opinion about  
22 whether an average cost is a useful metric. I think  
23 that's within the scope of his experience and  
24 testimony.

25 HEARING OFFICER ORTH: All right.

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1 Excuse me, Mr. Diede, if you have an answer, go  
2 ahead. Otherwise, not.

3 A. I hesitate to answer that, so I do not  
4 have an answer.

5 Q (By Mr. Rankin) So the reason, I guess --  
6 because you talk about in your testimony -- you do  
7 reference costs, for example, of the Cato San Andres  
8 wells, but you don't actually provide those costs in  
9 your testimony or in your slides. And that's  
10 because that wasn't a focus of your -- that's not a  
11 part of your job description or -- you know, your  
12 purview as a -- in your role; is that right?

13 A. That is correct.

14 Q. Okay. And I think Mr. Suazo asked you  
15 about prioritization and how the Division  
16 prioritizes. I think you answered that -- just to  
17 be clear, I think that you said you didn't -- you  
18 weren't aware about how wells were prioritized for  
19 plugging, right?

20 A. That is not an area that I get involved  
21 in.

22 Q. Okay. In your conclusion, you talked  
23 about -- you left us with some thoughts -- I got  
24 this highlighted here -- that there's, you know,  
25 49,000 -- or nearly 50,000 wells in the state that

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1 are plugged and an unknown subset of those wells  
2 have been inadequately plugged.

3 Do you know if the Division has done any  
4 sort of analysis to evaluate, based on its  
5 experience remediating improperly plugged wells,  
6 what fraction or portion of those plugged wells may  
7 be an issue?

8 A. I don't know how to answer that. But I  
9 can say that of all of those wells that were  
10 plugged -- and we talk about an unknown subset and  
11 it's exactly that, it's unknown -- whether they were  
12 adequately or inadequately plugged is to be  
13 determined when they fail. And you don't know when  
14 that's going to happen either.

15 Q. So, yeah, I guess the more direct -- or  
16 the -- you know, the piece -- the question I'm -- I  
17 guess you can tell me yes or no, but you're not  
18 aware of any study or analysis that the Division has  
19 done to kind of -- try to quantify that, to your  
20 knowledge, right?

21 A. I am not aware of one, whether it existed  
22 or not -- or exists or not.

23 Q. On the prioritization question, I think  
24 Mr. Suazo asked you who at the Division would be  
25 able to answer the question about how the Division

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1 identifies priority for its plugging. But I don't  
2 think you gave him an answer.

3 Do you know who -- are any of the  
4 witnesses slated to testify qualified to answer how  
5 the Division prioritizes its plugging activities?

6 A. I will leave that to someone at OCD  
7 management to answer that question.

8 Q. Do you know, among the witnesses  
9 remaining, if that -- if any of those witnesses can  
10 answer that question?

11 A. I think some of those witnesses can give  
12 you some more direction than I can.

13 Q. Okay. So I'll ask each one in turn and  
14 see where I go.

15 Okay. I think -- let me make sure I  
16 covered everything -- that you would be able to  
17 answer. I think you -- I think you did, but let me  
18 just make sure.

19 And just to make sure I covered this  
20 ground, Mr. Diede, I think I understood you to say  
21 that you had some general discussions about  
22 applicant's proposed rules, but you, yourself,  
23 haven't reviewed them. So you're not familiar with  
24 the way the applicants have defined the term  
25 "marginal well," correct?

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1           A.       That is correct. I have not been in those  
2       discussions, other than I know those discussions  
3       have been had, but not by me or not involving me.

4           Q.       Same thing with the term or -- a well that  
5       would qualify as having no beneficial use, you also  
6       are not familiar with how that's defined under the  
7       proposed rule?

8           A.       Same answer for that, yes, sir.

9           Q.       Yeah. Okay. So, yeah, you couldn't tell  
10      me whether any of the wells you discussed today or  
11      reviewed for the Commission would qualify for any of  
12      those categories of wells, right?

13          A.       I would not be able to tell you that.

14          Q.       Okay.

15                   MR. RANKIN: I think that covers my  
16      questions. Thank you very much, Madam Hearing  
17      Officer.

18                   Thank you very much for your time.  
19      Appreciate it. Thank you.

20                   LOREN DIEDE: Thank you.

21                   HEARING OFFICER ORTH: Thank you.  
22      Thank you, Mr. Rankin.

23                   Mr. Maxwell, do you have questions of  
24      Mr. Diede?

25                   MR. MAXWELL: No questions, Your

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1 Honor. Thank you.

2 HEARING OFFICER ORTH: Thank you.

3 I don't know if Ms. Nanasi is on the  
4 platform.

5 No. Mr. Moore?

6 Sheila, can you make sure he can unmute  
7 himself? He might be RM right there.

8 MS. APODACA: He has permission to  
9 unmute.

10 HEARING OFFICER ORTH: Mr. Moore?

11 He may have stepped away.

12 Ms. Fox or Mr. Tisdell.

13 MS. FOX: Thank you, Madam Hearing  
14 Officer. We have just a few.

15 EXAMINATION

16 BY MS. FOX:

17 Q. Good afternoon, Mr. Diede. My name is  
18 Tannis Fox. I'm a lawyer with Western Environmental  
19 Law Center, and I represent applicants in this  
20 matter. Thank you very much for your testimony.

21 I just have a few questions. I take it  
22 from your testimony that this -- is your primary  
23 responsibility with OCD overseeing the plugging and  
24 abandonment of orphan wells?

25 A. Yes, it is.

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1 Q. And you've been in your position, as  
2 Mr. Rankin noted, about a little over a  
3 year-and-a-half; is that correct?

4 A. That is correct.

5 Q. And within that time period, how many  
6 orphan wells have you overseen the plugging and  
7 abandonment for from beginning to end during that  
8 period?

9 A. I hesitate to say that. I have not been  
10 keeping track, to be honest with you. So I don't  
11 have a number. It's something I could find, but I  
12 don't have it.

13 Q. Would it -- if you could say without  
14 guessing, would it be more or less than 20 wells?

15 A. It would be more than 20. I know that.

16 Q. Would it be less than 30 wells?

17 A. There again, I'm sorry.

18 Q. If you know. If you know.

19 A. Yeah, I can't -- I can't get that any  
20 closer because I have not been tracking them.

21 Q. Okay. And how many people within OCD have  
22 essentially the same job description as you?

23 A. Pretty much myself.

24 Q. Oh.

25 A. I'm the only one that focuses on this



1 pretty much exclusively.

2 Q. Okay. Going to the Buckskin Number 1 and  
3 Number 2 wells. I take it from your testimony that  
4 there was a big differential between the work done,  
5 plugging and abandoning those two wells, correct?

6 A. Yes, as the table shows that the Number 1  
7 well was relatively uneventful.

8 Q. And I also take it from your testimony  
9 that you don't know the precise cost of differential  
10 between the work between those two wells; is that  
11 correct?

12 A. Right. That is correct, I do not know.

13 Q. I note that for Buckskin Number 1, the  
14 casing depth was about 6800 feet, and for Number 2,  
15 the casing depth was about 4,000 feet; is that  
16 correct?

17 A. That is correct.

18 Q. And then I also note that for Number 1,  
19 the depth reached was about 6600 feet, and the depth  
20 reached for Number 2 was about 2900 feet; is that  
21 correct?

22 A. That is also correct.

23 Q. And what exactly does that mean, depth  
24 reached?

25 A. That was -- on the Buckskin Number 1, we

1 basically were able to get into the well without any  
2 obstructions to -- very close to the bottom or to a  
3 depth at which we needed to begin plugging. So when  
4 I say uneventful, we were able to access the  
5 wellbore all the way down to where we needed to  
6 start plugging. Buckskin Number 2, that was not the  
7 case. We had many issues as described.

8 Q. And then I think your testimony was -- and  
9 please correct me if I'm misstating -- was that this  
10 is an example where the depth of the well is not  
11 correlated very precisely with the technical work  
12 that's required to P&A the well or the cost to P&A  
13 the well; is that correct?

14 A. Yeah, the difficulty of the plugging  
15 operation had nothing to do with the depth of the  
16 well on either one of -- or of this -- of the  
17 Buckskin Number 2 relative to the Buckskin Number 1.

18 Q. What were the factors that played into the  
19 amount of technical work and cost involved in P&A  
20 Number 2?

21 A. Getting some abnormal pressure flows with  
22 unexpected -- number one, unexpected pressure and  
23 number two, unexpected amount of particulate matter  
24 including rocks up to an inch in diameter flowing up  
25 the casing, which, you know, is just -- it's very

1 unusual. Very unusual.

2 Q. In your experience with OCD and your other  
3 experience, what factors other than well depth go  
4 into the difficulty of plugging a well and the costs  
5 for plugging a well?

6 A. Primarily the access to get into the  
7 casing would be probably one of the largest factors.  
8 Can you pull the tubing, rods, pump, and everything  
9 that's in the wellbore? Can you pull those all out  
10 without any difficulty and then have full access to  
11 the wellbore regardless of depth?

12 If you can do that successfully. And the  
13 conditions of the wellbore, as illustrated in the  
14 two Cato San Andres wells, can vary dramatically  
15 from well to well in a very short distance on what  
16 should be similar wells.

17 So if you can access the wellbore  
18 successfully all the way to the bottom, then your  
19 chances of successfully completing that P&A  
20 operation are pretty much improved.

21 Q. And then I believe you testified something  
22 to the effect of, with regard to the Buckskin wells,  
23 is that you would have anticipated -- given that  
24 they were drilled around this same time and in the  
25 same location and at about the same depth, that you

1 would have anticipated that the cost to P&A would be  
2 similar. Is that what you -- is that a correct  
3 recitation of your testimony?

4 A. No, I'm not going to testify to costs,  
5 but --

6 Q. Okay.

7 A. -- the two wells, the two Buckskin wells,  
8 given information available.

9 Prior to the leak that we had on the  
10 casing of the Buckskin Number 2, which was kind of  
11 an indication that Buckskin Number 2 was going to be  
12 potentially more challenging than the Number 1, I  
13 would have -- not having known that, I would have  
14 expected the Number 1 to cost more time than the  
15 Number 2. That was not the case.

16 Q. And so would it be fair to say that in  
17 certain instances, it would be hard to predict the  
18 cost to P&A a well, and you just have to get in  
19 there to find out what the -- what the work will  
20 involve?

21 A. Yes. And you have to anticipate, of  
22 course -- when you write your procedures, you have  
23 to anticipate what you think it's going to require.  
24 And given the amount of well history information  
25 available, you make some determination of what's

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1 required when you write your procedure. And then  
2 once you open up the wellbore, you'll truly find out  
3 what you're dealing with.

4 Q. Thank you.

5 MS. FOX: That's all the questions I  
6 have.

7 HEARING OFFICER ORTH: Thank you,  
8 Ms. Fox.

9 Mr. Tremaine, do you have any redirect?

10 MR. TREMAINE: I just have a couple  
11 of questions. I'll be brief.

12 EXAMINATION

13 BY MR. TREMAINE:

14 Q. Good afternoon, Mr. Diede. You partly  
15 answered my first question, so I just want to  
16 clarify here. Would you agree that relative to your  
17 experience when you worked in industry, that the  
18 quality of information about well construction and  
19 history available to you at OCD when you're plugging  
20 orphan wells is lower than that -- than what you  
21 would have had in industry?

22 A. Yes, that's correct.

23 Q. And in your experience prior to OCD, did  
24 you experience as high of a rate of tubing or casing  
25 failure as you observe in reviewing orphan plugging

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1 of wells at OCD?

2 A. I think we're almost talking about two  
3 different types of well categories, because most of  
4 my experience in working with an operator as a  
5 consultant, we were -- well, I was fortunate to be  
6 working with an operator that was trying to be  
7 proactive and take care of those things before they  
8 deteriorated.

9 And I don't think that's the case that  
10 we're looking at in orphan wells or possibly even  
11 forced plugging wells. I think these have been left  
12 to deteriorate longer than what I experienced in the  
13 industry with the operator.

14 Q. Thank you. In your experience, if a well  
15 has degraded casing or tubing, would it be standard  
16 practice to continue producing the well in that  
17 condition?

18 A. No. You'd have to -- you'd have to do a  
19 workover of some sort. Depending on what the issue  
20 was, you'd have to work it over, and I -- yeah.

21 Q. And you received a number of questions  
22 about the nature of the examples you provided as  
23 extreme examples. Both of those extreme examples  
24 that you outlined today, those were both observed  
25 during your time working with OCD only in the last

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1 1.5 years, correct?

2 A. That's true, very short period.

3 MR. TREMAINE: No further redirect.

4 Thank you.

5 HEARING OFFICER ORTH: Thank you very  
6 much, Mr. Tremaine.

7 Commissioner Ampomah, do you have  
8 questions of Mr. Diede?

9 COMMISSIONER AMPOMAH: Yes, very  
10 brief.

11 EXAMINATION

12 BY COMMISSIONER AMPOMAH:

13 Q. So my first question to you is: You know,  
14 one of our safety concerns, when you visit such a  
15 site, you know, similar to the examples that you  
16 showed your slide number 8, slide number 9, slide  
17 number 10, so concerning.

18 A. I'm sorry, was there a question there?

19 Q. Yeah. So can you hear me?

20 A. I hear you very well. Thank you.

21 Q. Okay. So before I ask you -- I ask the  
22 question one more time, you know, thank you for your  
23 service to our state.

24 Now, back to my question. So I was asking  
25 you, on slide number 8, 9, and 10 where you were

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1 showing some of the figures, the actual things going  
2 on in the field, I was asking: What are some of the  
3 safety concerns, you know, to you and then also to  
4 even the plugging companies when you go to the sites  
5 to do this type of job?

6 A. Oh, yes. Sorry for misunderstanding.

7 The safety concerns are a variety of  
8 safety concerns. You know, the examples of the  
9 unstable environment and the surface -- ground  
10 around the well, that is a major concern because you  
11 have to -- you have to do some remediation before  
12 you can safely move in a heavy piece of equipment  
13 like the rig.

14 Some of the others, when you actually have  
15 the rig in place and you start pulling on the tubing  
16 and your casing parts, to me, that's pretty serious  
17 because now you have no way to safely keep that well  
18 confined. And so that is -- that worries me.

19 Q. Yeah, surely it does. I mean, I was -- so  
20 scary when I was seeing all of these figures --  
21 pictures.

22 So, sir, since you are, more or less,  
23 overseeing the orphan well plugging program and  
24 based on your experience in 1.5 years with the OCD,  
25 so what are some of the lessons that you've learned



1 from all of these wells that have already been  
2 plugged? Some of the lessons that have already been  
3 learned to at least guide OCD in moving forward?

4 A. Well, first and foremost is be prepared  
5 for almost anything. Do not assume that what you  
6 think you know about the well is correct. And  
7 number two, almost important -- as important would  
8 be to have good communications with your field  
9 supervisors that are actually physically looking at  
10 and judging those safety concerns realtime on-site.

11 Q. My last question to you is -- so you  
12 talked about, on your conclusions slide, New Mexico  
13 has 49,964 wells within the state data that are  
14 plugged. Is there anything that OCD is doing in  
15 terms of some random water train, or is there even  
16 research that is being done or planned to at least  
17 minimize the risk, you know, similar to what the  
18 extreme case that you presented to us?

19 A. I'm not aware of anything that is  
20 currently being done in that regard. And like I  
21 stated, you know, this was kind of something new to  
22 me. I had not experienced this type of P&A failure  
23 because I had never really been working around that  
24 many old wells until coming here to OCD.

25 COMMISSIONER AMPOMAH: Thank you,

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1 sir, for your testimony, and thank you for being  
2 here.

3 HEARING OFFICER ORTH: Thank you.

4 Commissioner Bloom, do you have questions  
5 of Mr. Diede?

6 Commissioner Bloom may have stepped away.

7 COMMISSIONER BLOOM: I'm here. Thank  
8 you, Madam Hearing Officer.

9 EXAMINATION

10 BY COMMISSIONER BLOOM:

11 Q. Mr. Diede, thank you for your testimony  
12 today. Just a few questions. I don't think we're  
13 going to need too much time here. Let me pull them  
14 up.

15 Mr. Diede, you discussed the Coll Number 1  
16 well, the C-O-L-L Number 1, correct?

17 A. Yes.

18 Q. Did you mention that it was leaking H2S?

19 A. We did see H2S when the -- our Hobbs  
20 supervisor and contractor went to location to check  
21 it.

22 Q. I think the number I'm seeing is 100 parts  
23 per million, correct?

24 A. Um-hmm.

25 Q. For those that might not be aware, can you

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1 explain what H2S is?

2 A. Hydrogen sulfide gas is basically  
3 poisonous gas. Something that people that work in  
4 the oilfield are very similar with and routinely  
5 have training how to understand if it's present,  
6 what to do about it if it is. Very poisonous.

7 Q. Yeah. Does OCD staff in the field wear an  
8 H2S monitor or alarm?

9 A. I know our inspectors have monitors.

10 Q. How -- again, how close was this well to  
11 that building? It looked pretty nearby.

12 A. Yeah, it's under -- I'm sorry for  
13 interrupting. It's under 25 feet from the  
14 outbuilding. I don't know the exact footage.

15 Q. So in your opinion, can wells in need of  
16 P&A, plugging and abandonment, threaten human health  
17 and the environment?

18 A. I think there are many things that can  
19 threaten our -- our health and environment. Wells  
20 are just one of them. And wells to be plugged, of  
21 course, are also one. I don't know how to rank all  
22 of those different things and different risks, no.

23 Q. All right.

24 COMMISSIONER BLOOM: Thank you very  
25 much for your time today, Mr. Diede.

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1 LOREN DIEDE: Thank you.

2 COMMISSIONER BLOOM: Appreciate it.

3 HEARING OFFICER ORTH: Thank you,  
4 Commissioner Bloom.

5 Chair Chang, do you have questions of  
6 Mr. Diede?

7 CHAIR CHANG: I do not.

8 HEARING OFFICER ORTH: All righty.  
9 Any reason not to excuse Mr. Diede?

10 Thank you so much, Mr. Diede, for your  
11 testimony.

12 LOREN DIEDE: Thank you all very much  
13 as well. Thanks.

14 HEARING OFFICER ORTH: Mr. Tremaine  
15 or Mr. Hall?

16 MR. HALL: Thank you, Madam Hearing  
17 Officer. At this time OCD will call John Garcia.  
18 He's available remotely.

19 HEARING OFFICER ORTH: All right.  
20 Thank you.

21 I see him.

22 Hello, Mr. Garcia, will you spell your  
23 first and last name, please.

24 JOHN GARCIA: Yes. J-O-H-N, and then  
25 last name Garcia, G-A-R-C-I-A.

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1 HEARING OFFICER ORTH: Do you swear  
2 or affirm to tell the truth?

3 JOHN GARCIA: I do.

4 HEARING OFFICER ORTH: Thank you.  
5 Go ahead, Mr. Hall.

6 MR. HALL: Thank you.

7 EXAMINATION

8 BY MR. HALL:

9 Q. Could you state your name again, please,  
10 sir.

11 A. John Garcia.

12 Q. Mr. Garcia, how are you employed?

13 A. I work for OCD as an engineering special  
14 project supervisor.

15 Q. Have you -- in preparation for this  
16 hearing today, have you prepared written testimony  
17 to be provided to the Commission?

18 A. I have.

19 Q. And is that Exhibit 1 of OCD's exhibits?

20 A. It is.

21 Q. And Exhibit 2, is that a true and correct  
22 copy of your resume or curriculum vitae?

23 A. It is.

24 Q. Additionally, have you prepared some  
25 slides to assist in your summary of testimony today

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1 as Exhibit 3?

2 A. I have.

3 Q. Additionally, have you prepared three --  
4 or have you presented three spreadsheets to be used  
5 in evidence in this matter, namely Exhibit 17, the  
6 Master Orphan Spreadsheet; Exhibit 25, which is well  
7 plugging data from 2024; and Exhibit 16, which is  
8 fiscal year 2024 production information?

9 A. Yes. And just to clarify, Exhibit 17, the  
10 Master Orphan Sheet, I built and created.  
11 Exhibit 16 was partially built by Brandon Powell,  
12 who will testify later, but I used some of the data  
13 in there to justify some of my slides. So -- but, I  
14 guess, just to clarify, he assisted in that  
15 building.

16 Q. And how about Exhibit 25?

17 A. Exhibit 25, I have my slides in front of  
18 me.

19 Q. I can pull it up too.

20 A. Which one?

21 Q. I can pull that up. I believe that's some  
22 well plugging information and different categories  
23 from 2024 --

24 A. Correct, that --

25 Q. -- that you referred to in your testimony.

1 And thank you for that clarification, Mr. Garcia.

2 Do you adopt and -- is all the information  
3 contained, to the best of your knowledge, in each of  
4 those exhibits correct? Do you have any -- I'm  
5 sorry, go ahead.

6 A. It is, and no modifications.

7 Q. You have no modifications? Did I hear  
8 that correctly?

9 A. No modifications.

10 Q. Okay. Are you prepared to present a  
11 summary of your direct testimony to the Commission  
12 today?

13 A. I am.

14 Q. I would ask you to go ahead and present  
15 that. And if you'd like me to share any slides, if  
16 you would please just let me know and I'll do my  
17 best to do that.

18 A. If we can share the slides so I can see  
19 them. And, I guess, before we get started, can you  
20 hear me okay?

21 Q. Yes.

22 Can you see that, Mr. Garcia?

23 A. I can.

24 Q. Great. If you would please present a  
25 summary of your testimony. Thank you.

1           A.       I'll start off, prior to this slide, my  
2 testimony includes my written testimony, which I  
3 summarize today. In addition is my resume and  
4 experience. I'll summarize that briefly.

5                   I came to OCD December 2019 as a drilling  
6 specialist. I worked in the admin team processing  
7 APDs, plugging summaries, drilling summaries, pretty  
8 much any submission that OCD receives.

9                   In 2023, January, I was promoted to the  
10 engineering supervisor of the special projects. My  
11 role and responsibility with that -- it's a special  
12 projects team, so the roles vary. We encounter  
13 hearings for OCD and the orphan plugging, of course.

14                  The Master Orphan Spreadsheet got some  
15 attention today. I'll talk about how we built it.  
16 Originally, I was tasked by my management to build  
17 this Excel sheet as -- when I first entered the  
18 program, there was a number of places, whether it  
19 was OCD's website or various Excel sheets, that  
20 management was having to pull data from to keep  
21 their reporting to whoever was accurate, whether  
22 that was a federal or state government.

23                  I was tasked by my manager, Brandon  
24 Powell, to be specific to build a database for them  
25 to use specifically. I met with multiple teams,



1 stakeholder meetings. It took quite a while to  
2 build and pull off the data. A lot of the data was  
3 built by me, reading and interpreting hearing  
4 orders, with legal vetting my reading and  
5 interpretation of those orders to get wells into the  
6 Excel sheet.

7 We then built it into -- you'll see the  
8 color scheme. It's not showing on the screen, but  
9 there is a color scheme built into it where there is  
10 a black color, a red color, et cetera. Those colors  
11 were built for management to have a clear, concise  
12 person of who they could contact responsible for  
13 that data. For example, Engineering is dark blue.  
14 That's mine and Loren's database that we're  
15 responsible for on a day-to-day operational level.  
16 That list contains about 1800 wells, as people had  
17 talked about.

18 I think that's about it for that slide.

19 This slide was built just to show some of  
20 the numbers of wells that are plugged in the state  
21 of New Mexico. OCD plugged 100 wells in the  
22 calendar year 2024. Forced plugging, same  
23 definition that Loren used was 129. Industry  
24 plugged, 173 wells. This data was used by sundries  
25 that were submitted to OCD, subsequent plugging

1 sundries.

2 If you can find OCD and forced pluggings,  
3 about 23 percent of the wells plugged were orphan.  
4 If you don't want to count forced plugging at OCD,  
5 about 10 percent were orphan plugging.

6 I believe that's it on that slide.

7 This graph was -- this graph was built by  
8 me to try to show the Commission, if the petition  
9 was adopted, how many wells it could potentially  
10 affect. I will note there was some confusion  
11 internally with OCD. Specifically, I had some  
12 confusion with it, as well, in the original petition  
13 on the reading of it.

14 There was some confusion on it. The  
15 petition was supposed to be "and/or." Was it  
16 supposed to interpret it as "or"? So, for example,  
17 was it 180 days and 1,000 BOE or was it 180 days or  
18 1,000 BOE for marginal wells?

19 I chose to use the word "or" in the code  
20 because it showed the more severe consequence of the  
21 rule, if adopted, so the Commission can have a, I  
22 guess, worst case scenario mindset on it when  
23 they're reviewing it.

24 And basically, this graph shows  
25 33,000-plus productive wells, which are wells that

1 didn't fall into the categories. That was the  
2 definition that I came up with it. It was not in  
3 the petition. Marginal, inactive, and beneficial  
4 use were definitions in the petition by the  
5 applicants. But, again, I used the word "or" in the  
6 code. So if a well hit 90 days or 90 BOE, it fell  
7 into the no beneficial use category.

8 I think that's about it on this as well.

9 Now, the following slides are -- they're  
10 wells that I picked. There's no specific reasons  
11 these wells are picked, other than they're good  
12 examples on some of the confusion that existed with  
13 me and to show the Commission the difference of BOE  
14 and the days produced.

15 For example, the Electra Federal  
16 Number 22, we can see the last few years of its  
17 production history. We can also see the last few  
18 years of the days it reported production. This is  
19 all operator provided data to OCD. This graph is  
20 simply just showing the BOE versus days comparison.

21 If we can go to the next slide, I think  
22 there's a more refined view of it.

23 So the Electra Federal well, but it's seen  
24 again on the BOEs and also dropped the day count.  
25 So the black line on the left that's crossing

1 through the data is an indication marker of where  
2 the 1,000 BOE threshold is. Using the "or" mindset,  
3 this well would be marginal even though it had the,  
4 you know, 350, give or take, days reported  
5 production every year. The last two years it has  
6 fallen below the 1,000 BOEs for various reasons. So  
7 this is just an example of a well that became a  
8 marginal -- or became marginal.

9 If you took the production by the year, it  
10 was less than 1 BOE per day, just showing that this  
11 well was showing signs of having some sort of  
12 problem.

13 Next slide, please.

14 Similar -- I think the well name got cut  
15 off of my side. The Eubanks BEN Com well, similar  
16 example, it's just another well to show the  
17 difference in BOE versus days. This well, we can  
18 see, has a normal decline curve. The last few years  
19 the production has been overall kind of stable. It  
20 has been under that 90 BOE for this well. However,  
21 this well I used just to show the fluctuation in  
22 days that it's been producing over the last, you  
23 know, 20 years or so, since 2006. Some years it's  
24 produced every day of the year. Some years it's  
25 barely produced on the day count. The BOE doesn't

1 really reflect that here as much. But it's just  
2 showing a difference between BOEs and day  
3 fluctuations.

4 I think the next slide is also zoomed in.  
5 Same item, just a zoomed-in version of the previous  
6 graph on the last ten years of production. Eight of  
7 the last ten years this well has been below the 90  
8 BOE. Again, with the mindset of "or," this well  
9 would have been not beneficial eight of the ten  
10 years.

11 This well was drilled in 2005 to about  
12 4500 feet. I'll note this well had been sold three  
13 times since 2016. I do not have the exact names it  
14 was sold to. They're public record, but it has been  
15 sold three times.

16 And then the last well is the Rock Queen.  
17 Similar mindset, kind of showing the difference of  
18 well to well. This well is an older well, 1993.  
19 It's the earliest production OCD has on it. The  
20 production looks skewed because they had a few good  
21 years, 2015 and '16, which really brought production  
22 up, but it -- inconsistent production from 1993  
23 onward. The days of production were fluctuating  
24 during the same time periods. I'm assuming the  
25 operator did some sort of workover or recomplete on

1 it. And production came up, and the days still are  
2 fluctuating even though BOE was coming up. And  
3 that's just a graph showing the difference in days  
4 as well.

5 Same well, just a more refined view of the  
6 days and the BOEs overlaid on each other with the  
7 90-day BOE threshold labeled as that red line.

8 This well has been sold nine times since  
9 it was spud in 1955, which is quite a long life for  
10 a well. It has a lot of selling to go along with  
11 it. It was recently sold in 2024. And I'll note we  
12 have had very little production on this well since  
13 the selling.

14 This is my last slide, and basically there  
15 was some questions to Loren about the wells he used  
16 as examples of OCD's plugging efforts. These are  
17 the same wells that Loren discussed. You'll notice  
18 the Cato San Andres 150 and 164 on the left-hand  
19 side.

20 This shows some the questions he was asked  
21 earlier about how many times has that well sold. I  
22 do not have the last day they produced on here, but  
23 they are public records. Both of those wells follow  
24 a similar lifespan, just like they did drilling.  
25 They were depth -- drilled in 1967, sold to Sierra

1 in 1995. Again in 1999. In 2007, they became an  
2 orphan well under order R-14795-A. And as Loren  
3 discussed, they were plugged by Shell Oil Company.

4 The Cato San Andres and Buckskin well, as  
5 Loren discussed, these are just showing the same  
6 history for these wells, how many times they were  
7 sold or divested. It was drilled by Olsen Company.  
8 It was sold to R. Olsen in 1954, and then it was  
9 originally plugged by Jal Oil Company in 1960. Our  
10 records are a little unclear there why the operator  
11 didn't plug that well. But, again, obviously, it  
12 was replugged by OCD recently.

13 The Buckskin, which was our -- the one  
14 that Loren discussed, was drilled by Lanexco in  
15 1980. It was sold to another entity of Lanexco  
16 d/b/a New Mexico. It was sold again to  
17 Energy Acumen in 2022.

18 There was an NOV against Lanexco. When  
19 they were sold, they were subject to an ACOI for a  
20 settlement agreement with Energy Acumen. And  
21 Energy Acumen failed to follow that, and OCD plugged  
22 this well.

23 And I believe that concludes my testimony.

24 Q. Thank you, Mr. Garcia.

25 MR. HALL: At this time, OCD would

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1 move to -- would offer and ask for admission of  
2 Exhibits 1, 2, 3, 7 -- 16, 17, and 25.

3 MR. CLOUTIER: We'll be  
4 cross-examining Mr. Garcia about that.

5 HEARING OFFICER ORTH: All right.  
6 Are there objections, aside from Mr. Cloutier's  
7 objection to 16?

8 SPEAKER: No. But we'll object to 16  
9 also pending the outcome of that cross-examination  
10 from Mr. Cloutier, but no objections otherwise.

11 HEARING OFFICER ORTH: All right. So  
12 Exhibits 1, 2, 3, 17, and 25 are admitted. And we  
13 will resume our discussion later of Exhibit 16.

14 (OCD Exhibits 1, 2, 3, 17, and 25 admitted into  
15 evidence.)

16 Mr. Cloutier, are you going to begin our  
17 (sic) cross-examination?

18 MR. CLOUTIER: I will do so. Thank  
19 you, Madam Hearing Officer.

20 Mr. (inaudible), if I can switch places  
21 with you.

22 If Ms. Tripp could give us screen sharing  
23 authority, please.

24 MS. TRIPP: I believe I have it, yes.

25 MR. CLOUTIER: And we filed and

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1 served on all parties certain demonstratives that we  
2 were up late last night building.

3 MS. TRIPP: You should be seeing IPNM  
4 demonstrative Garcia as the head?

5 MR. CLOUTIER: Thank you. We've got  
6 it. Thank you.

7 MR. TREMAINE: Madam Hearing Officer,  
8 we have some objections to both of these exhibits.  
9 If this is premature, that's fine. Or if you would  
10 like us to, we can lodge those objections at this  
11 time.

12 MR. CLOUTIER: We're not admitting  
13 these exhibits here. We're using them as  
14 demonstrative right now, and we'll provide testimony  
15 on them later.

16 HEARING OFFICER ORTH: All right.

17 MR. HALL: May I present my  
18 objections including based upon that basis?

19 HEARING OFFICER ORTH: Yes, present  
20 your objection. We may or may not talk about it  
21 right now, but go ahead.

22 MR. HALL: Very well. Thank you.

23 We have three general objections. The  
24 main one being the timeliness. There was a deadline  
25 of October 15th to file demonstrative exhibits at

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1 5:00 p.m., while these came at 8:06 this morning,  
2 less than one hour before the hearing started.

3 Additionally, related to that, Mr. Garcia  
4 has not had very much time to review that or analyze  
5 it and internalize that.

6 Also, he's mischaracterizing and altering  
7 an exhibit that has been admitted into evidence.

8 HEARING OFFICER ORTH: All right.  
9 Thank you for that.

10 Let's proceed through the  
11 cross-examination. And just a caution for  
12 Mr. Garcia.

13 Mr. Garcia, if you feel that you are  
14 unable to answer a question or questions based on a  
15 lack of time to review these, just say so.

16 JOHN GARCIA: Understood.

17 HEARING OFFICER ORTH: Go ahead,  
18 Mr. Cloutier.

19 MR. CLOUTIER: Thank you.

20 EXAMINATION

21 BY MR. CLOUTIER:

22 Q. Mr. Garcia, my name is Andrew Cloutier. I  
23 represent IPANM. I do want to thank you for your  
24 public service industry. And the regulators  
25 sometimes row their oars in the same direction and

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1 sometimes don't, and this is one of the times we  
2 don't.

3 I've got up your direct testimony that you  
4 submitted, correct?

5 A. Correct.

6 Q. And you described the creation of  
7 Exhibit 16 as using -- in the second sentence of the  
8 paragraph that we've got up there, applying --  
9 "applying" is my word -- I quote now, "a simple  
10 if/or script was programmed into the Excel  
11 spreadsheet to return the category title based on  
12 the parameters set in the petition." Did I read  
13 that correctly?

14 A. Correct.

15 Q. And you tell the Commission in your direct  
16 written testimony, "Those parameters are defined in  
17 the petition," correct?

18 A. Correct.

19 Q. And it says, "As," and I quote, "'marginal  
20 well,'" close quote, "which means an oil or gas well  
21 that produced less than 180 days and less than  
22 180 barrels of oil equivalent within a consecutive  
23 12-month period," correct? That's your direct  
24 testimony?

25 A. Correct, 180 days and 1,000 BO -- barrels

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1 of oil equivalent.

2 Q. And that was your direct testimony with  
3 the word "and" in between the two parameters,  
4 correct?

5 A. This was a copy and paste from the  
6 petition, but, yes, the word "and" is present.

7 Q. All right. And you have told us today  
8 after I submitted our demonstratives that, in fact,  
9 the word "or" was used when you created OCD  
10 Exhibit 16 for marginal wells, correct?

11 A. Correct. Again, there was some confusion  
12 on the interpretation of the petition. So I chose  
13 "or" based on direction from my management and legal  
14 counsel.

15 Q. Okay. Which management directed you?

16 A. Brandon Powell, who will speak later and  
17 can probably talk more about it.

18 I will note, I believe since I built that  
19 exhibit, I believe the parties have had more  
20 discussion on that, which Brandon may discuss later.  
21 Again, I'm not offering an opinion on the rule, just  
22 more of, here's what the most substantial  
23 expositional could be, and "or" is the more  
24 substantial text.

25 Q. Correct. But in your written testimony,

1 you told the Commission, you told the parties that  
2 you used the word "and" incorrect -- in doing this,  
3 correct?

4 A. As the petition defines, yes.

5 Q. And that was -- when you wrote your direct  
6 testimony after using the script that you used, you  
7 incorrectly described the script here in your direct  
8 testimony, didn't you?

9 A. I wouldn't disagree. I would, again, say  
10 there was some confusion on how you would read and  
11 interpret the rule on a broad basis. And it's  
12 confusing if you wanted the word "or" or "and."  
13 And, again, per direction from my management, we  
14 used the word "or."

15 So I would say the same is true in my  
16 testimony, is here the petition aligns and how the  
17 code worked, based on our interpretation of the  
18 rule.

19 Q. You tell us that you did it based on the  
20 parameters set in the petition, and the petition  
21 says "and" between the two categories -- or two  
22 issues in marginal well. And, in fact, the script  
23 said "or," and all the data in Exhibit 16 was based  
24 on "or," not "and," correct?

25 A. I still stand by my statement. I think

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1 we're going in circles. My line 5 says an "if/or"  
2 script was programmed. So I wasn't trying to, you  
3 know, catch anyone off guard. I said I used the  
4 word "or" based on the petition, which was copied  
5 and pasted below, because there was some confusion  
6 on interpretation of the petition.

7 Q. I understand confusion -- there's a  
8 possibility of confusion with the petition. But  
9 were you confused when you signed your direct  
10 testimony as to whether you used the word "or" or  
11 "and" when you correct -- when you prepared  
12 Exhibit 16?

13 A. I used the word "or," and that's what I  
14 signed.

15 Q. What did you sign that used the word "or"?

16 A. The exhibits, which included the code.

17 Q. Okay. The Exhibit -- the Exhibits 16 and  
18 17 did not include the script in it, did it?

19 A. Exhibit 16 and 17 did not. Historically,  
20 codes tend to get broken the more they're shared.  
21 And so it showed the result of the code, but the  
22 code was provided to IPANM per the request.

23 Q. I agree. On the next page that we'll show  
24 you -- in fact, why don't we go to the next page of  
25 the -- very briefly.

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1           We had a heck of a time re-creating  
2   Exhibit 16 from the data, and I finally asked your  
3   counsel if we could have the "if/or" script. And I  
4   asked last week, and I don't think unpromptly, but  
5   after October 15th, we were provided the script.  
6   And this sets forth --

7           MR. HALL: Objection to the sidebar  
8   and the testimony from Mr. Cloutier.

9           HEARING OFFICER ORTH: Mr. Cloutier,  
10   please get to your -- get to your point here.

11         Q     (By Mr. Cloutier) This is us being provided  
12   with the script, correct, Mr. Garcia, Monday,  
13   October 20?

14         A.     According to what you're showing, that's  
15   the day our counsel sent it to you.

16         Q.     Are you aware of any of the parties --  
17   industry parties to this rulemaking getting this  
18   script before October 20?

19         A.     Not to my knowledge.

20         Q.     All right. Thank you.

21               MR. CLOUTIER: Go back to page 1,  
22   please, Ms. Tripp.

23         Q     (By Mr. Cloutier) And on the new beneficial  
24   use, same -- we have the same "and/or" issue. You  
25   used the word, "For at least 90 days and has not --

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1 and has not produced at least 90 barrels of oil  
2 equivalent," in your testimony that was written,  
3 sworn, and submitted to the Commission, correct?

4 A. Correct.

5 Q. And, in fact, when you created Exhibit 16,  
6 you used the word "or," not "and," in writing the  
7 script, correct?

8 A. Again, correct.

9 Q. All right. And where in your testimony  
10 did you advise the Commission or any of the parties  
11 to this rulemaking that Exhibit 16 was, in fact, a  
12 worst case scenario, not the parameters set forth in  
13 the petition and the proposed rulemaking?

14 A. Again, Exhibit 16 just shows how OCD was  
15 interpreting this petition, and there's confusion in  
16 our directive. This what we built to give the  
17 Commission the mindset of what this could affect.

18 It was our interpretation of the rule. I  
19 think we've seen a lot in this, that data could be  
20 taken in different ways, and this is how we  
21 interpreted the data.

22 Q. Okay. All right.

23 MR. CLOUTIER: We've done the second  
24 page, Ms. Tripp, so if we can go to the third page.

25 Q (By Mr. Cloutier) This is a page that we

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1 prepared last night after finally sorting out this  
2 script and served this morning. It's Exhibit 16  
3 with the script that you wrote up top, correct?

4 A. I will note there's -- you guys caught it,  
5 I believe, but there's a missing parenthesis, which  
6 I think got lost in transit to you guys, between the  
7 first "or" and H2.

8 Q. Okay.

9 A. Other than that, that's pretty accurate.

10 Q. There was a missing parenthesis there,  
11 correct? But that didn't -- that didn't affect the  
12 numbers either, did it?

13 A. One to the right, if it ran without the  
14 parenthesis there, it would have probably caused  
15 issues, but . . .

16 Q. Okay.

17 MR. CLOUTIER: On the second -- why  
18 don't we go to the next page, Ms. Tripp, since  
19 that's what Mr. Garcia is talking about.

20 Q (By Mr. Cloutier) So we fixed essentially  
21 two things that were not completely proper here, and  
22 one of them is the parenthesis that you're talking  
23 about, but it didn't -- in our analysis, it did not  
24 change the numbers in Exhibit 16 when we ran this  
25 script.

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1 MR. HALL: Once again, object to  
2 Mr. Cloutier's testimony. I would ask that he ask  
3 Mr. Garcia a question instead of testifying.

4 MR. CLOUTIER: Sure.

5 Q (By Mr. Cloutier) With these corrections,  
6 do the numbers change on Exhibit 16? Were you able  
7 to run the corrected script, Mr. Garcia?

8 A. I have not.

9 Q. Okay.

10 MR. CLOUTIER: Let's go to the next  
11 page, Ms. Tripp.

12 Q (By Mr. Cloutier) Now, correction number 2  
13 that we've -- our labeled here, is changing before  
14 the word -- well, let me talk about this script  
15 here.

16 There's the "If SS," I-F-S, correct? Do  
17 you understand that to be a command that if it meets  
18 one of the categories in the sequential order, then  
19 you stop because you categorized the well? Is that  
20 your understanding of how the script works?

21 A. Correct. This is a chunk statement, is  
22 what I refer to it as, the reason the first chunk of  
23 information and proceeds to the next one, depending  
24 if it was a true or false result.

25 Q. And you -- for the definition of an

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1 active, which follows the parenthesis here, you have  
2 asked the script to label as inactive if something  
3 in H2 of the Excel spreadsheet or L -- spreadsheet  
4 is 0; is that correct?

5 MR. HALL: Objection. Mr. Garcia did  
6 not compile this document. Mr. Cloutier did. So  
7 his characterization of you doing this would be  
8 misleading.

9 MR. CLOUTIER: Anything in the red,  
10 I'm talking about the work that he did, which is  
11 what he did here, correct?

12 HEARING OFFICER ORTH: That's how I  
13 understand it.

14 Q (By Mr. Cloutier) That's what you did, was  
15 used script that was intended to, if H2 or L2 equal  
16 0, the well should be labeled as inactive. Is that  
17 how you understand the script that you wrote?

18 A. To clarify, if we're looking at  
19 Exhibit 16, H2 and L2, call them H as days, call  
20 them L as BOEs. L2 is the row number we're on and  
21 so is H2.

22 So H and L, what this code is saying is,  
23 if days equals 0 or BOE equals 0, label it as  
24 inactive.

25 Q. Okay. And this page that I'm showing you

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1 for no beneficial use, we have changed from "ands"  
2 to "or." You had it "or." If either the days were  
3 less than 90 or the BOE was less than 90 in H2 and  
4 L2, it should be defined as no beneficial use?

5 A. Again, if you want to change how you  
6 interpret the original petition to "and," you can  
7 change the "or" to "and," it will result in  
8 different numbers because you changed the parameters  
9 and the data it was fed.

10 Q. Okay.

11 MR. CLOUTIER: Ms. Tripp, why don't  
12 we pull up the original petition beneficial use for  
13 a moment, if we could.

14 MS. TRIPP: Yes. It will take me  
15 just a second because I have the amended version.

16 MR. CLOUTIER: Yes. Thank you.

17 MS. TRIPP: Let me stop sharing.

18 You should now be seeing the application  
19 that was filed June 25, 2024.

20 MR. CLOUTIER: If you could go down  
21 to 19.15.25.9(A).

22 MS. TRIPP: 9(A)?

23 MR. CLOUTIER: The -- no. It's way  
24 down there. It's not in the definitions.

25 MS. TRIPP: Okay. I got it. Sorry

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1 about that.

2 MR. CLOUTIER: Assumption of  
3 Non-beneficial Use. 15.25 -- sorry, I did write it  
4 down. Can you do a control-F for beneficial?

5 There we go. Next one. Keep going.

6 MS. TRIPP: There's only 20.

7 MR. CLOUTIER: I know.

8 Done?

9 MS. TRIPP: No.

10 MR. CLOUTIER: Three more?

11 CHAIR CHANG: Can I ask a clarifying  
12 question while you're searching for that for a  
13 second?

14 MR. CLOUTIER: Sure.

15 CHAIR CHANG: I believe my printed  
16 materials here may have numbering of exhibits that  
17 might be slightly different than yours, and you  
18 refer to Exhibit 16, is what you're trying to cross  
19 on. Can you give me the title of that document?  
20 Because what I'm looking at doesn't seem to track  
21 with what you're talking about.

22 MR. CLOUTIER: Exhibit 16 is the  
23 slide that Mr. Garcia showed us, OCD Exhibit 16,  
24 which was a pie chart that was in his . . .

25 MS. TRIPP: It's -- in the

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1 demonstrative, it's a pie chart. Exhibit 16 is  
2 actually an Excel spreadsheet.

3 MR. CLOUTIER: Okay. The  
4 demonstrative was the pie chart.

5 CHAIR CHANG: Okay. But the pie  
6 chart is -- I have it as slide in Exhibit 3 then; is  
7 that correct?

8 MS. TRIPP: That is correct, yes.

9 CHAIR CHANG: Now we're on the same  
10 page. Thank you.

11 MR. CLOUTIER: Thank you.

12 Q (By Mr. Cloutier) Mr. Garcia, what you're  
13 saying, though, is that you were personally confused  
14 by the words "and" or "or," and you used "or" in the  
15 script twice where the petition actually uses the  
16 word "and," correct?

17 MR. HALL: Objection, asked and  
18 answered four times.

19 HEARING OFFICER ORTH: Yeah,  
20 Mr. Cloutier, he has answered this quite a few  
21 times.

22 MR. CLOUTIER: Okay.

23 Q (By Mr. Cloutier) Mr. Garcia, do you agree  
24 that using the word "or" in the script for no  
25 beneficial use wells instead of "and" would

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1     overstate the number of wells for which there would  
2     be a presumption of non-beneficial use?

3           A.     I would say using the word "or" would  
4     show -- again, I'm not offering an opinion on the  
5     rule. The word "or" would show the Commission when  
6     they're evaluating this case between the parties on  
7     the more substantial effect it would have against  
8     industry, and it would show the more burden it would  
9     provide industry.

10           Using the word "and" would lighten the  
11     numbers and lighten the burden the industry would be  
12     under, if you used the word "and" instead of "or"  
13     with this proposed rule.

14           Q.     If you used the word "or," you capture a  
15     group of wells that, for instance, might have  
16     produced more than 90 days, but produced less than  
17     90 BOE, correct? For no beneficial use?

18           A.     Please repeat it, your question.

19           Q.     Yes. If you used the word "or" instead of  
20     "and," Exhibit 3 would -- would calculate as --  
21     would show as no beneficial use, for instance, a  
22     well that produced more than 90 days, but less than  
23     90 BOE, correct?

24           A.     Sure, because it's looking for either/or.

25           Q.     Right. And the same for marginal, if you

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1 use the word "or," you're looking at a well that --  
2 it could include wells that have more than 180 days  
3 production, but produced less than 1,000 BOE,  
4 correct?

5 A. I can answer that question, but just for  
6 me, can we see that slide that was just shown back  
7 up?

8 Q. Sure.

9 MR. CLOUTIER: Ms. Tripp.

10 A. I like looking at numbers.

11 MR. CLOUTIER: We lost the visual.

12 MS. TRIPP: Can you see it now?

13 JOHN GARCIA: Yes.

14 A. Can you repeat the question? Sorry.

15 Q (By Mr. Cloutier) Sure. So we're looking  
16 on the second line, you've got a formula for  
17 marginal in red. We have the word "and." You have  
18 the word "or" there, correct?

19 A. Correct.

20 Q. And by "perfect," you mean yes, correct?

21 A. Correct, I said. Sorry.

22 Q. That's all right. Just want to be clear.

23 And when you use the word "or," you would --

24 MS. TRIPP: Sorry about this.

25 Q (By Mr. Cloutier) When you use the word

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1 "or," you would -- you could capture a well that  
2 produced less than 180 days, which is part of the  
3 definition of marginal rule, but more than 1,000  
4 BOE, correct?

5 A. My general statement, I guess, on this  
6 code that we're seeing here, the more I'm looking at  
7 this would be, I'd heavily caution saying anything  
8 against this code. The edits you made actually seem  
9 to break the code because your graph below, you're  
10 showing nearly 1,000 wells that are in the NA  
11 category, which means the code didn't know what to  
12 do with 1,000 wells.

13 Q. Okay.

14 A. And you're saying why it's doing it?  
15 Because a lot of wells in this data sheet that have  
16 0 days produced but they show BOEs, and they have  
17 the opposite to --

18 Q. Well -

19 A. -- the BOE is 0 days is similar. So I  
20 would be hesitant to say that wells are being  
21 categorized correctly here.

22 Q. I think you agreed with the parenthesis  
23 there, and we did not change the word "or" in your  
24 code. We just put the parenthesis there for  
25 inactive, which is what you're using, correct?

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1 MR. HALL: Objection to  
2 Mr. Cloutier's testimony once again. He should ask  
3 questions instead of characterizing the evidence.

4 MR. CLOUTIER: Well, he's just told  
5 me that the code we're showing is wrong for the word  
6 "inactive," and I'm just asking him if all we did  
7 was add a parenthesis, which he agreed to at the  
8 outset of his testimony.

9 HEARING OFFICER ORTH: Right, he  
10 asked him to agree -- whether he agrees.

11 A. The code that is being displayed on my  
12 screen has multiple red things edited. With all of  
13 those red edits, the code seemed to break because  
14 you have 954 uncategorized. So I'm hesitant to say  
15 you're changing of just the "or" --

16 Q (By Mr. Cloutier) Okay.

17 A. -- unchanged effects, marginal effects, on  
18 this.

19 Q. But my question, Mr. Garcia, was not  
20 whether the code was broken or whether you agree  
21 with the code. My question was: If, when you're  
22 searching and classifying a well as marginal, you  
23 used the word "or," you would pick up wells, for  
24 instance, that produced less than 180 days, but  
25 produced more than 1,000 BOE and classify those

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1 wells as marginal, correct?

2 A. Correct. I believe I've been very open  
3 about that and using that electrical as an example  
4 of confusing and issues that the rule could face.  
5 The electro well showed a 350-day production  
6 consistently with less BOEs. And, again, that's  
7 what I discussed outside, about how the confusion of  
8 this could be "taken."

9 Q. Okay. And so what you're telling us is  
10 that internally at the Oil Conservation Division,  
11 you knew that Exhibit 3 and Exhibit 16 were run with  
12 script that used the word "or," but when you signed  
13 your testimony, you used the word "and" in both your  
14 definitions of marginal and no beneficial use,  
15 correct?

16 A. Again, my testimony says I used a "if/or"  
17 statement, which is true and correct. The  
18 definitions were copied and pasted out of the  
19 petition. And the "if/or" was based on our  
20 interpretation and reading of those definitions.  
21 Those definitions are not mine. They are pasted.

22 Q. So your --

23 MR. CLOUTIER: Can we go back to the  
24 testimony, please, Ms. Tripp.

25 Q (By Mr. Cloutier) So what you're telling us

1 is that we should have realized with the statement  
2 "if/or" in the third sentence of this paragraph,  
3 that you did not use the category title based on the  
4 parameters set in the petition like you did -- you  
5 say later in the same sentence you, in fact, did not  
6 use the word "and" and substituted "or" for it,  
7 correct?

8 A. I don't understand the question.

9 Q. Sure. Sure. You say at the end of the  
10 sentence that whatever you did was, quote, "to  
11 return the category title based on the parameters  
12 set in the petition," correct?

13 A. Correct.

14 Q. And what you're telling us now is by using  
15 the phrase simple "if/or" script, everyone should  
16 have known that you were using the word "or" instead  
17 of "and" when you wrote the script?

18 A. Again, I can't testify to what everyone  
19 should have known by reading that. I don't know  
20 everyone's comfort level.

21 Q. Is -- was that your intention in  
22 writing -- in signing as true and accurate, this  
23 sentence?

24 A. This sentence shows how the Excel was  
25 built with the "if/or" script based on our

1 interpretation of the petition.

2 Q. And then your interpretation of the  
3 petition is in the "if/or" script. And then in the  
4 immediately proceeding next two sentences, you  
5 demonstrate your understanding as of the date you  
6 signed your testimony that the petition used the  
7 word "and" in both the marginal well and no  
8 beneficial use definition, correct?

9 A. Again, yes, correct. I think we covered  
10 that.

11 Q. Would you agree that there's no statement  
12 in your testimony that the exhibits you're --  
13 running a script through Exhibit 16 was meant to  
14 show a worst case scenario, not what the rule  
15 actually would have resulted in?

16 A. The words "worst case" do not appear in  
17 this, what we're staring at on the screen.

18 Q. Is there any affirmative statement in your  
19 testimony that the script that you ran through  
20 Exhibit 16 would not reveal to the readers and --  
21 well, let's read the bottom of the sentence.

22 You tell everyone that based on -- that  
23 looking at the data for 2024, running it the way you  
24 did, "It shows, based on the petition, OCD would  
25 have 33,211 wells deemed productive (which are not

1 in a petition category), 11,499 wells deemed  
2 marginal, 6,400 wells deemed inactive, and 4,380  
3 wells deemed as no beneficial use," correct?

4 A. Again, correct. The results are based on  
5 OCD's interpretation and directive from my  
6 management who was in more meetings and discussions  
7 about the rule and meaning behind the rule than I  
8 was, but I relied on my management on the  
9 interpretation and trusted them. And based off my  
10 knowledge of my discussions, the word "or" was what  
11 was to be used. So those numbers are correct.

12 Q. When you used the word "or" in the  
13 definition of marginal and no beneficial use, those  
14 numbers are correct. Is that your testimony?

15 A. Off OCD's original interpretation of it.

16 Q. Yes. And there's at least the potential  
17 that they're incorrect if you use the word "and"?

18 A. I think if you change mindsets, anything  
19 would change.

20 Q. And you did this at the direction of  
21 management?

22 A. Correct, who I'm assuming would probably  
23 cover any other questions on it as well.

24 Q. Okay. Interesting.

25 MR. CLOUTIER: Okay. We object to

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1 admitting anything to do with Exhibit 16, Madam  
2 Hearing Officer, as the data is being presented as  
3 if its consistent with the petition, and it clearly  
4 is not.

5 HEARING OFFICER ORTH: Mr. Hall?

6 MR. HALL: Yes, I -- Exhibit 16 has  
7 nothing to do with this line of questioning, in my  
8 opinion. It's not where the script went, and I  
9 think he's referring to a pie chat -- a pie graph  
10 maybe in a different exhibit.

11 Exhibit 16 should come in.

12 MR. CLOUTIER: And we object to the  
13 admission of the pie chart as well.

14 HEARING OFFICER ORTH: So the pie  
15 chart I think was part of Exhibit 3; is that true?

16 CHAIR CHANG: Page 4 of Exhibit 3; is  
17 that correct?

18 MR. CLOUTIER: Yes.

19 MR. HALL: And I'm happy to respond  
20 to that. I don't want -- if it's premature, I can  
21 wait.

22 HEARING OFFICER ORTH: Yes, go ahead.

23 MR. HALL: That exhibit speaks for  
24 itself based upon Mr. Garcia's testimony of how he  
25 input the data and the code. They are free to make

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1 their own -- everyone's free -- here is free to make  
2 their own conclusions from that. And his testimony  
3 associated does not make it inadmissible.

4 MR. CLOUTIER: And Exhibit 16 also,  
5 Madam Hearing Officer, actually contains the  
6 affirmative categories that resulted from the script  
7 that Mr. Garcia ran through. So it categorizes  
8 wells as non-beneficial use or inactive or marginal  
9 based on the script that he ran, not on the  
10 petition.

11 HEARING OFFICER ORTH: All right.  
12 So, Mr. Hall, would you like to address that? I'm  
13 looking at 16.

14 MR. HALL: Sure, the same.  
15 Mr. Garcia has not hidden anything, as Mr. Cloutier  
16 is at least implying. He has testified forthrightly  
17 about the inputs he put in. He has subjected  
18 himself to cross-examination.

19 The Commission is certainly free to draw  
20 whatever conclusions from the results based upon the  
21 inputs, that he has been an open book about how he  
22 put them in. That doesn't -- again, that doesn't  
23 make it inadmissible.

24 HEARING OFFICER ORTH: All right.  
25 Mr. Suazo, do you have anything to add?

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1 MR. SUAZO: No, Madam Hearing  
2 Officer.

3 HEARING OFFICER ORTH: Mr. Rankin?

4 MR. RANKIN: I'm just wondering, I  
5 think -- I think looking at Exhibit 16 and  
6 understanding, I think, what happened, 16 is  
7 confusing, and it does -- does not seem to align  
8 with the petition.

9 So I'm wondering if there's an opportunity  
10 just to -- and I don't know, but just to have  
11 Mr. Garcia do it again. I think it would be useful  
12 to see what the Division's understanding of the rule  
13 is and how it breaks out the data. I haven't talked  
14 with anybody else about this, but I just -- it is  
15 misleading. I don't understand -- it seems to not  
16 accurately reflect what the petition says. So I  
17 don't know if the utility would serve to admit it.

18 But anyway, so my suggestion is maybe to  
19 withdraw it and see if it can be done again with the  
20 opportunity for counsel to review it and cross again  
21 on that issue.

22 MR. TREMAINE: Madam Hearing  
23 Officer -- this is Jesse Tremaine -- if I may?  
24 Brandon Powell will be able to speak to this. John  
25 Garcia did not generate Exhibit 16. That was a data

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1 pull, and John Garcia -- and I believe he did  
2 clarify this, that he used Exhibit 16 and applied a  
3 script to Exhibit 16 -- or the underlying Excel  
4 sheet for 16, to generate the information that he  
5 included in the pie chart.

6 So there is additional foundation that can  
7 be laid here. But as the foundational data that  
8 Mr. Garcia used, Exhibit 16 is not objectionable.

9 HEARING OFFICER ORTH: Anything  
10 further, Mr. Cloutier?

11 MR. CLOUTIER: I would just say that  
12 I'm not sure why Exhibit 16 is being tendered  
13 through Mr. Garcia if he's not the one who can lay  
14 the foundation for it.

15 HEARING OFFICER ORTH: As I  
16 understood Mr. Tremaine just now, it's because he  
17 used it to create the pie chart.

18 MR. CLOUTIER: So I still object to  
19 its admission, and I object to the admission of  
20 page 4 of Exhibit 3.

21 HEARING OFFICER ORTH: All right.  
22 So -- I'm sorry, who said something?

23 CHAIR CHANG: May I also clarify a  
24 question? Is there -- so I understand the pie chart  
25 part. And in your demonstrative that was extensive

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1 discussion of the lines of code. Looking at my  
2 printout of Exhibit 16, which, of course, doesn't  
3 show any code, what column exactly is the column at  
4 issue? Or which columns are at issue? Could you  
5 just put that into -- you know, just for the record  
6 so we're all on the same page?

7 MR. CLOUTIER: Ms. Tripp, can you  
8 pull that up for me? I don't have it up and don't  
9 seem to be connected to Wi-Fi.

10 MS. TRIPP: Yes. Just know that it's  
11 a large file, so it's taking me a second.

12 MR. CLOUTIER: All right.

13 MR. TISDEL: Madam Hearing Officer?

14 HEARING OFFICER ORTH: Mr. Tisdell.

15 MR. TISDEL: Yeah, I appreciate  
16 Mr. Rankin's suggestion that we have OCD run those  
17 numbers again. I would just say Mr. Purvis did do  
18 something very similar to this in Applicant's  
19 Exhibit 40. That was the scatter plot that showed  
20 no beneficial use, marginal wells that had been  
21 admitted into evidence and could just be used as a  
22 replacement for Exhibit 16.

23 HEARING OFFICER ORTH: All right. It  
24 seems to me that we might want to talk again about  
25 Exhibit 16 when Mr. Powell is testifying. So let's

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1 hold off on the admission of 16.

2 I do understand, though, that Mr. Garcia  
3 prepared Exhibit 3? And the pie chart in Exhibit 3?

4 MR. CLOUTIER: Yeah.

5 HEARING OFFICER ORTH: All right.

6 MR. CLOUTIER: And I'm going to talk  
7 about pages 5 and 6 of Exhibit 3, as well, with  
8 Mr. Garcia with the time remaining.

9 HEARING OFFICER ORTH: Okay. I think  
10 we've already admitted 3.

11 MR. CLOUTIER: Okay.

12 HEARING OFFICER ORTH: We have. So  
13 let's hold off on 16. And perhaps the Division, the  
14 applicants can talk about whether it is worthwhile  
15 to file another 16.

16 We do still have plenty of hearing days  
17 left and time to explore this topic further. So  
18 let's hold off on the admission of 16.

19 Mr. Cloutier?

20 MR. CLOUTIER: What's my time, Madam  
21 Hearing Officer?

22 HEARING OFFICER ORTH: Hold on one  
23 second.

24 So you would have had, let's see here,  
25 another 15 minutes or so, but we'll add -- we'll add

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1 some minutes for our discussion just now.

2 MR. HALL: Madam Hearing Officer, may  
3 I just interject a concern about what I see  
4 happening a little bit here? And I just want to  
5 raise it so it's not last minute if it comes up  
6 again.

7 Seems a lot of stuff is getting shifted  
8 over to Mr. Powell, and I just am a little worried  
9 about being able to go through everything with  
10 Mr. Powell. So I just want to raise that issue.

11 We each only have a certain amount of  
12 time, and there's a lot of material to review,  
13 bonding, financial assurance, language of the rule,  
14 authority, a lot of material. And I do have a  
15 little concern about it all getting bumped down to  
16 Mr. Powell, and we only have a certain amount of  
17 time to review all of that with one witness.

18 HEARING OFFICER ORTH: All right.  
19 When we get to Mr. Powell, if you want to bring that  
20 up again, we can talk about it again.

21 MR. CLOUTIER: Madam Hearing Officer,  
22 if I may? It might a good thing for us to take up  
23 at a different time, but probably before we start  
24 preparing or finalizing our cross-examination for  
25 Mr. Powell, because it will make a difference to us.

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1 HEARING OFFICER ORTH: Okay.

2 MR. CLOUTIER: All of us, if you  
3 don't mind.

4 HEARING OFFICER ORTH: All right. So  
5 we -- we're not going to get to Mr. Powell today.  
6 I'm just certain of it. Let's talk about this  
7 tomorrow.

8 So let's see. Should we take perhaps a  
9 ten-minute break, and then you can resume with your  
10 last 15 minutes of questions?

11 MR. CLOUTIER: Thank you, Madam  
12 Hearing Officer. That would be fine.

13 (Recess was taken from 2:38 p.m. until 2:49 p.m.)

14 HEARING OFFICER ORTH: All right.  
15 Mr. Cloutier?

16 MR. CLOUTIER: Thank you, Madam  
17 Hearing Officer.

18 Q (By Mr. Cloutier) Mr. Garcia, are you ready  
19 to go back?

20 A. Yes, sir.

21 Q. I'm going to switch topics to --

22 MR. CLOUTIER: Let's pull up OCD  
23 Exhibit 17 first, please.

24 A. I can see it.

25 Q (By Mr. Cloutier) Okay. And this is the

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1 Master Orphan Spreadsheet that you testified you  
2 created, correct?

3 A. Yes, sir.

4 Q. All right.

5 MR. CLOUTIER: And this exhibit cuts  
6 off on what column please, Ms. Tripp?

7 Cuts off over here in the -- no. Is this  
8 55 or -- yeah, this is -- well, Exhibit 55. Okay.

9 Q (By Mr. Cloutier) So look at Exhibit 55.

10 MR. CLOUTIER: Let's go back to the  
11 far left-hand side, then.

12 Sorry, Ms. Tripp, I miscommunicated with  
13 you about which one I wanted up first.

14 Q (By Mr. Cloutier) What does the words in  
15 column C "plugged site released" mean, for instance,  
16 as we see in line 10 next to the Sivley Jennings  
17 Federal number?

18 A. Plugged site release, in general for OCD,  
19 is a term given to a well after the well has been  
20 plugged and OCD has approved the plugging. And  
21 depending on the well type, is it a federal or  
22 state.

23 If it's a state well that OCD has been to  
24 the site and, you know, our inspectors have been to  
25 it, they're happy with the site the way it looks,

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1 trash, spills, et cetera, we can plug site release  
2 it.

3 If it's a federal site, OCD only plugged  
4 the well, and then our database basically  
5 automatically puts it in site release, as it is  
6 assumed BLM will be handling any site cleanup.

7 Q. Okay. And down below that, Mr. Garcia, I  
8 think the first instance -- if I'm looking at it,  
9 it's in line 19 -- the Tolmack State Number 2, we've  
10 got plugged, not released. What does that mean?

11 A. Correct. That's something very similar.  
12 Basically plugged, not released means OCD has -- or  
13 an operator or OCD, whoever is plugging the well,  
14 has plugged the actual wellbore, and OCD has  
15 approved that plugging. But the site has either not  
16 been inspected for state wells or it could have been  
17 rejected due to environmental factors, et cetera.  
18 There would be numerous reasons why it was rejected,  
19 but basically, it's pending site inspection and site  
20 clearance.

21 Q. Okay. All right. So it might be, as far  
22 as -- in order to have the word "plugged" there in  
23 column C, whether it's site released or not  
24 released, that means OCD -- the plugging work has  
25 been done and OCD has approved that plugging work,



1 correct?

2 A. On the physical wellbore, correct.

3 Q. Right. And up top, lines 5 -- sorry --  
4 lines 4 through 8, it looks like we've got some  
5 Lansfort wells that look like they're owned and  
6 operated by Energy Acumen, correct?

7 A. Correct, that's what this shows.

8 Q. It shows active, correct, in their status  
9 column, column C?

10 A. Correct.

11 Q. Yep.

12 MR. CLOUTIER: And if we scroll over  
13 to the columns BI, BK, please, Ms. Tripp. Slow.

14 Q (By Mr. Cloutier) So for these particular  
15 wells, we've got actual plugging cost figures,  
16 correct?

17 A. That's what the Excel sheet has, correct.

18 Q. Yes. And as far as -- you maintain it to  
19 be an accurate representation of OCD's data,  
20 correct, Mr. Garcia?

21 A. I'd agree with that.

22 And just note I talked about testifying  
23 earlier, and I didn't have it up. But since you do  
24 the colors, on the 2, just like line 1, we see the  
25 purple. It says, "Project Team." It has Jim's name

1 listed there along with a few others. Those are the  
2 people responsible for this data. But according to  
3 what OCD provided you, this is the data we had at  
4 that time. Now, if that team has revised it in any  
5 way, I cannot say if that's true or not.

6 Q. And, yeah, thank you. And that's a good  
7 correction. So other people have access to  
8 different portions of this spreadsheet. For  
9 instance, if we keep going --

10 MR. CLOUTIER: I don't want to,  
11 Ms. Tripp.

12 Q (By Mr. Cloutier) But if we were to keep  
13 going to the right, there's a yellow section dealing  
14 with bonding. And what you're telling me is  
15 somebody else within the Division has -- responsible  
16 for that yellow section, for instance, correct?

17 A. Correct. Again, not to go over my  
18 testimony, I built with this a lot of team  
19 stakeholders. And the colors basically represent  
20 those stakeholders, those team engagement and what  
21 they were -- deemed important by their teams to be  
22 included in this master Excel sheet.

23 Q. And just I want to be clear for the  
24 Lansfort wells here since -- it appears from the  
25 purple, you would agree with me that if you were to

1 read for the Lansfort wells and you were to see  
2 these actual plugging costs, that would indicate to  
3 you that plugging activity has at least started on  
4 these wells, if not been completed? Would that be a  
5 fair interpretation?

6 A. I would assume, based off the dollars, the  
7 actual plugging cost has taken place or began.

8 Q. And you, John Garcia, would be relying on  
9 somebody else within the Division, in this case the  
10 special projects area, to have accurately put that  
11 data in? You wouldn't know one way or the other,  
12 correct?

13 A. Correct. And just to clarify, the special  
14 projects team, I'm engineering special projects. I  
15 do engineering special projects.

16 Q. Yeah.

17 A. There is also a Division-wide special  
18 projects team which Jim oversees, and his team is  
19 responsible for this data, not to confuse the two.

20 Q. I appreciate the clarification,  
21 Mr. Garcia, and I apologize if -- I did not intend  
22 to misstate.

23 So with the Lansfort wells being active,  
24 that would suggest to you in your part of the  
25 spreadsheet, that at least you have not gotten word

1 that an inspector has gone out and inspected and  
2 approved the plugging. Is that a fair statement?

3 A. I would not rely on column C. I would  
4 scroll over to the dark blue and the light blue.  
5 The dark blue is my responsibilities, which talks  
6 about if something has been submitted and approved.  
7 The light blue is our inspections team that would  
8 tell me if someone has been on-site, yes or no.

9 Q. Okay. Let's -- tell me where to stop.  
10 Okay. There is -- light blue is right over there.  
11 Just a little bit further to the right. There we  
12 go.

13 A. Correct, yeah. So our inspector  
14 supervisor -- are responsible for going out on-site  
15 and seeing if it's approvable or not.

16 I will note on the dark blue to the left,  
17 we saw that it says, "Rejected." So that's why  
18 these are still in active status, is Loren, when  
19 reviewing and rejected the sundries. Therefore, the  
20 wellbore's approval is not done, hence the active  
21 status still.

22 Q. Okay. So work has been done on these --  
23 and I'm asking these questions because I'm a little  
24 confused as to why I was seeing plugging costs and  
25 all that. And you've assisted me in understanding

1 that. So thank you, Mr. Garcia.

2 Now, I take it from your direct testimony  
3 you don't have anything to do with OCD Exhibit 29,  
4 the financial assurances report?

5 A. I do not.

6 Q. Okay. And you wouldn't be the right  
7 person to ask any questions about that, correct?

8 A. Not on financial assurance.

9 Q. Thank you. Yep.

10 MR. CLOUTIER: Okay. Can we go back  
11 to Exhibit 3, the slides, and page 5 and 6, please,  
12 Ms. Tripp.

13 Q (By Mr. Cloutier) And did you see the  
14 rebuttal testimony submitted by Mr. John Nabors of  
15 Spur?

16 A. I did.

17 Q. Okay. And Spur is the -- you understand  
18 Spur to be the operator of this well, the Electra  
19 Federal 22?

20 A. Correct.

21 Q. And Mr. Nabors basically stated, which I  
22 think these visuals show as well, that, yes, indeed  
23 the well produced less than the 1,000 BOE as  
24 provided in the definition, but for all dates, it  
25 produced more than 180 days during the year,

1 correct?

2 A. Correct. That's what this -- that's what  
3 this shows.

4 Q. And in Exhibit 3, you categorized the  
5 Electra 3 Federal -- I'm sorry -- the Electra  
6 Federal Number 22 well here as marginal because you  
7 were using the "or" rather than the "and." Did I  
8 understand your direct testimony to that?

9 A. Correct.

10 Q. Okay. So this would not be a  
11 representation to the Commission as to a potential  
12 marginal well under the petition as it stands with  
13 the word "and" in it. Would you agree with me  
14 there?

15 A. Yeah. If I may -- I guess I would say  
16 between my testimony and Mr. Nabors, you know,  
17 there's nothing wrong in his testimony, and I read  
18 it. He talks about how Spur interprets the word  
19 "and," and, therefore, this wouldn't be -- I think  
20 my general statement was, and is, to the Commission,  
21 to the parties is, the overall arching rule, this  
22 needs to be clear and concise for all the parties so  
23 there's no confusion on wells like this. Mr. Nabors  
24 talked about why this well had -- I think just a  
25 clear concise rule, if approved, is what we're

1 seeking.

2 Q. Okay. But the rule in its current format  
3 is confusing to you, correct?

4 A. Yeah. I think we established that, but  
5 you know, by reading Mr. Nabors' testimony, using  
6 the word "and," this -- and the way he interpreted  
7 it in his testimony -- or his rebuttal testimony to  
8 me, I see where he's coming from. And it wouldn't  
9 be marginal based on the way he interpreted the  
10 petition.

11 Q. And Mr. Nabors testifies about the  
12 constraint takeaway problems for gas for this well.  
13 Did you read that testimony?

14 A. If I remember correctly, I believe he said  
15 there was some tubing issues with this well, and  
16 there was some costs, give or take, around \$60,000  
17 and that he had some other issues with takeaway.  
18 But I believe those were the issues he stated.

19 Q. Yeah. And are you familiar enough to know  
20 that it's difficult to produce into a higher  
21 pressure gas transmission line and impossible to  
22 produce into a gas transmission line that the owner  
23 shuts down?

24 A. Yeah. I mean, if you can't meet your  
25 pressure to get into it physically, you're never

1 going to get into it because of the pressure deltas.

2 Q. Right. And sometimes systems are down for  
3 repair and you can't get into it regardless,  
4 correct?

5 A. Yeah. I mean, oil and gas has a bunch of  
6 issues they encounter.

7 Q. Okay. And do you understand the  
8 rulemaking to be proposed to give operators a break  
9 on marginal and their beneficial use status if  
10 there's something in the gathering system that  
11 prevents them from producing the well?

12 A. I wouldn't say I'm an expert on the full  
13 petition that was written. I've read the original  
14 petition. I think it's been revised a few times,  
15 kind of my understanding. I tried keeping up with  
16 all the exhibits. There's a lot in this case.

17 Q. Okay.

18 A. But I don't know if it specifically called  
19 out -- I couldn't testify to that --

20 Q. Okay.

21 A. -- any breaks it gives.

22 Q. And I didn't mean to ask you an unfair  
23 question there, Mr. Garcia. And that's a fair  
24 answer. Thank you.

25 MR. CLOUTIER: I'll pass the witness,



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1 Madam Hearing Officer.

2 HEARING OFFICER ORTH: Thank you,  
3 Mr. Cloutier.

4 Mr. Suazo?

5 MR. SUAZO: Give us just a second to  
6 get set up, please.

7 MR. TREMAINE: Madam Hearing Officer,  
8 may I interject while he gets set up with a quick  
9 proffer?

10 HEARING OFFICER ORTH: Yes,  
11 Mr. Tremaine.

12 MR. TREMAINE: So as Exhibit 16 and  
13 slide 4 of Exhibit 3 have caused a great deal of  
14 consternation, I verified that we have a copy of the  
15 spreadsheet that is Exhibit 16 without the Category  
16 column. So it was copies that she prepared for  
17 Mr. Powell prior to Mr. Garcia's work.

18 We're happy to strike slide 4 and provide  
19 to the parties a replacement Exhibit 16 that does  
20 not have that column, whatever pleases the  
21 Commission.

22 HEARING OFFICER ORTH: All right.  
23 How do the -- how do the other parties feel about  
24 that?

25 MR. CLOUTIER: For IPNM's part, we

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1 feel that the slide 4 at this point has no value for  
2 the Commission, so appreciate the Division's offer  
3 to withdraw it.

4 And I think, Mr. Tremaine, you're talking  
5 about column O that categorizes with the script in  
6 Exhibit 16? Is that . . .

7 MR. TREMAINE: I -- in the PDF  
8 version that I'm looking at, I believe it's the  
9 Category column, I believe that would be O.

10 MR. CLOUTIER: Okay.

11 MR. TREMAINE: Although I'm not  
12 looking at the --

13 MR. CLOUTIER: And you're striking  
14 that Category column --

15 MR. TREMAINE: Well, striking --  
16 providing the underlying sheet that does not include  
17 that column.

18 MR. CLOUTIER: Let me put this way,  
19 Madam Hearing Officer. IPNM is willing to look at  
20 what the Division is proposing, and we'll let you  
21 know whether we object. Because we don't have it  
22 yet, so there's nothing to tender into evidence  
23 and . . .

24 HEARING OFFICER ORTH: All right.  
25 We'll take it up.

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1 Mr. Tremaine, if you would share it with  
2 all the other parties, and we'll take it up later.

3 Mr. Suazo.

4 MR. SUAZO: Thank you, Madam Hearing  
5 Officer.

6 EXAMINATION

7 BY MR. SUAZO:

8 Q. Good afternoon, Mr. Garcia. How are you?

9 A. Good. And you?

10 Q. Fine, thank you. My name is Miguel Suazo.  
11 I represent NMOGA in this proceeding.

12 MR. CLOUTIER: Sorry about that.

13 MR. TREMAINE: That's all right.

14 Q (By Mr. Suazo) So, Mr. Garcia, I'm still  
15 trying to understand the formula issues that were  
16 identified during the cross-examination with you and  
17 IPNM, and I may have some questions later depending  
18 on how our experts who have not had the opportunity  
19 to review the formula.

20 But I did want to talk to you more in  
21 detail about how this MOS spreadsheet came together.  
22 You testified that you personally created the MOS  
23 spreadsheet; is that right?

24 A. I would say I led the team that -- I led  
25 the building of it. And what I did is, I met with

1 multiple groups that are involved in the orphan  
2 project, engineering, inspections, environmental, et  
3 cetera, and basically had them -- you know,  
4 internally discuss with them and their supervisor  
5 and staff what items were deemed important to be  
6 tracked on a -- you know, one base where everyone  
7 could go, everyone could track. You know, so if the  
8 federal government or state government had  
9 questions, it's easy for our management to provide  
10 them data. And that's how I came to be, so I did a  
11 lot of stakeholder engagements on what they deemed  
12 they needed for their teams.

13 Q. Right. And that's kind of where I want to  
14 explore a little bit more deeply with you, because I  
15 feel like, you know, so many hands were into this.  
16 I understand you supervised everybody. Was there a  
17 work plan associated with putting together this  
18 spreadsheet?

19 A. Yeah. Basically, again, there was lots of  
20 databases. One team would track things here and  
21 another team would track things there. It caused  
22 confusion so -- for management, they wanted it in  
23 one place.

24 So I met with every team and identified  
25 stakeholders, which typically consisted of the

1 supervisor and the direct staff that dealt with  
2 this. To me, SOPs and databases should be built  
3 ground up, so I asked the staff and the supervisors,  
4 you know, what are your pain points? What problems  
5 are you encountering with tracking your data,  
6 getting to management, getting to these reports.

7 I'm not aware of the details. I know,  
8 because of the federal funding of the orphan  
9 program, they have -- management has a port to get  
10 them. So what were the pain points? What is  
11 everything that you guys were struggling with?

12 They met. They talked. They talked about  
13 pain points. They talked about things they felt  
14 should be tracked. And what I did is, I met with  
15 every team, sometimes multiple times. And, you  
16 know, we deciding: Was this important? Is it not?  
17 You know, is it worth it? You know, we talked  
18 about, is it important or not. Is it not? Okay,  
19 perfect. Don't put it in there.

20 What I did after doing all that, I met  
21 with the supervisors. They were happy. They signed  
22 off on what their team needed. I then presented it  
23 to the bureau chiefs, engineering, environmental,  
24 financial, et cetera, and the deputy directors.

25 Actually, I basically jotted down all pain

1 points that all the teams had, what they deemed was  
2 needed for the Excel sheet. And legal too. And  
3 basically, I met with what I consider to be upper  
4 management, bureau chief and higher, and showed  
5 them, based on multiple meetings with staff and the  
6 supervisors, you know, working through these, these  
7 are the categories their staff deems needed to be in  
8 here. Do you approve?

9 And so the bureau chiefs and the deputy  
10 directors got together. They reviewed it, and they  
11 signed off on it saying, yes, they agree. What's in  
12 here will satisfy those reports that they are  
13 required to, you know, submit to individuals.

14 After that -- sorry, a long process.  
15 After that, basically came, okay, here's the data  
16 capture phase, is what I called it. I believe we  
17 had one to two months where we basically direct all  
18 supervisors -- and you'll see those supervisor names  
19 in the header of each colored column, was we've  
20 identified wells with legal by reading all hearing  
21 orders, searching our databases, all the hearings  
22 that -- Bill Brancard assisted with it, too, because  
23 he just had additional knowledge that -- he had been  
24 with OCC for so long, he had databases of like NOV  
25 orders.

1           So with him and legal, our current legal  
2 staff, we went through, added wells to the Excel  
3 sheet, which is that black category. I added the  
4 API numbers and was able to scrape basically the  
5 holster of information based on the IP number and  
6 auto put that in there for everyone.

7           Once that API was generated, legal vetted  
8 the hearing orders. They read the hearing orders,  
9 made sure they were appropriate. And they added a  
10 few other wells to the list based off things like  
11 federal agreements and other things they have.

12           And then once, you know, legal and  
13 management was like, okay, here's our list of wells,  
14 we basically opened it up to all the supervisors in  
15 the team and said, you have two months to play data  
16 catch-up with everything that's in here. You know,  
17 is there bond information missing? Is there  
18 something that we've approved? Get it all in there.

19           And we had -- I think at first we had  
20 biweekly meetings with management, but I forget the  
21 interval we had. We had recurring meetings with  
22 management showing the progress of the data getting  
23 caught up, meeting with the supervisors, meeting the  
24 bureau chiefs saying, here's where we caught up.  
25 Here's what we've seen. Here's issues we

1 encountered so far in our data cleanup.

2 And that lasted for two or so months. And  
3 then basically it's a living document now. So  
4 people are in it daily.

5 For example, last week we plugged three  
6 wells that are on the Excel sheet, so, you know, we  
7 go in and update the data. Did we approve the  
8 sundries? Did we check on the sites, et cetera?  
9 They're very living documents.

10 Legal and management, if they pursue any  
11 other hearing orders or settlement agreements -- I'm  
12 not part of that -- like the settlement agreement  
13 stuff, they'll let me know, hey, we had a settlement  
14 agreement, and we can add more wells to it.

15 And that's how wells would get added, is  
16 legal will let me know to add more wells to it.

17 That was a long answer. Does that cover  
18 what you're looking for?

19 Q. Well, it starts to touch on what I  
20 understand to be the very, you know, broad scope of  
21 what the Division was tasked with attempting to do.  
22 And I would like to kind of unpack that a little bit  
23 more granularly. So --

24 A. Okay.

25 Q. -- let's start with, you know, just the



1 first thing that comes to mind, and we can move on  
2 to other things. When you say staff identified pain  
3 points, what do you mean by that?

4 A. So I'll give you an example. Say the  
5 federal government wanted to know how many -- how  
6 many rigs were active this year. At that time we  
7 didn't have in our database something that says  
8 like, our rig rigged up on February 2nd.

9 So that was a pain point that our staff  
10 identified, we should be tracking things like rig  
11 update. So we added that to the list of -- so now  
12 when Loren gets sundries, he can talk -- consistent  
13 talks with the rigs, and they'll tell him like, hey,  
14 24-hour notice, we're moving.

15 He tracks it. They rig up. He types it  
16 into the MOS Excel sheet. That was one pinpoint  
17 from engineering that's missing. We weren't  
18 tracking rig updates, so we could provide the  
19 federal government, or whoever it is, with data that  
20 they want.

21 So, really, just trying to boost our data  
22 that we could have captured better. Does that help?

23 Q. It did. Can you remind, just for the  
24 record, what was the purpose of the creation of the  
25 MOS spreadsheet? If you can do that in one or two

1 sentences.

2 A. Yeah. Simple, it is just the universal  
3 place for staff and management to go to see all  
4 aspects of the orphan plugging program.

5 Q. And how many staffers would you say were  
6 involved at putting this together?

7 A. Individual staff and stakeholder meetings,  
8 20, 25, including Division managers.

9 Q. So this was assembled by committee across  
10 the various Divisions. Is it fair that -- to say  
11 that, you know, it's dependent upon the quality of  
12 the data that the staff members made a judgment call  
13 to include?

14 A. I mean, I would say the categories were  
15 put in there based on the staff and their  
16 supervisors, what they deemed needed. I would trust  
17 my counterparts that they chose what was needed for  
18 the application.

19 Q. So lots of staff were involved. But going  
20 back to my initial question to you in terms of the  
21 scope, in terms of organization to put this  
22 together, was there a written plan with issues that  
23 needed to be addressed for purposes of creating this  
24 document?

25 A. I don't know if there was a full written

1 plan that existed prior to creating it. I'm sure  
2 there -- I have somewhere buried a list of issues  
3 that the teams had as they encountered it. I  
4 believe the initial issue was something of a higher  
5 level that I wasn't a part of, and I was directed  
6 because of whatever issue they encountered.

7 Q. Sure. And is Mr. Powell the person who  
8 would know maybe the overarching structure of how  
9 OCD staff envisioned what was needed to put the MOS  
10 together?

11 A. Probably. I think he would be able to  
12 answer -- I think Adam talked about timeline, I  
13 think, not to refer to Brandon, but he would know  
14 the interworkings on the real drive of why OCD  
15 needed a universal Excel sheet and what upper  
16 management was seeing across the Division that they  
17 needed this for.

18 Q. Okay. And you said that putting the MOS  
19 together required a manual review of old hearing  
20 orders, plugging reports, all that kind of thing,  
21 correct?

22 A. Correct.

23 Q. And was there a methodology established to  
24 go through all of these old hearing orders and  
25 plugging reports that were determined needed to be

1 reviewed?

2 A. Yeah. I'm not a lawyer. I spent a lot of  
3 time in the hearings bureau, and I used to work real  
4 close with Bill Brancard, our old OCD hearing  
5 examiner. Between him and some of our legal  
6 counsel, they had records that they had stored and  
7 obtained through their careers of NOV or -- I don't  
8 know what to call them -- plugging orders, I guess  
9 we could call them, that went to hearings, and  
10 hearing orders were issued.

11 So when it came time for looking at what  
12 wells were to be on this list, Bill Brancard was a  
13 very good resource for me. I don't know how long he  
14 was at OCD, but I know he'd been at OCD for quite  
15 some time when we did this project. And he was able  
16 to provide me an extensive list of hearing orders,  
17 that I should start with reading those -- you know,  
18 because our hearing database is very PDF based.

19 So he may have had a hearing order, but it  
20 doesn't say for sure that that hearing order  
21 approved the plugging. It could have been a  
22 dismissal of the case, et cetera.

23 So I spent a lot of time reading them with  
24 our legal counsel, you know, with their  
25 interpretation of hearing orders and saying, does

1 this meet requirements to go on this list, yes or  
2 no, with legal counsel.

3 Q. So using Mr. Brancard as an example, these  
4 are records that he just kept on his own in his own  
5 filing system from his time when he was with the  
6 Division?

7 A. Yes. And we can also query to an extent  
8 words like NOV, enforced plugging in our database,  
9 OCD database. The hearings go back to the '40s and  
10 '50s. So kind of search anything from the '50s is  
11 little difficult, but we also search tags of the  
12 case types basically, yeah, case type, NOV, et  
13 cetera.

14 Q. So just to be clear on the timeframe  
15 utilized to put together the MOS, it goes all the  
16 way back to the 1950s to the present -- or I guess  
17 earlier this year?

18 A. I can't say for certain. I would have to  
19 look at what the oldest order on there is. But,  
20 again, our database is more accurate than -- more  
21 modern when we get in time, the better the databases  
22 get just because of technology.

23 Q. Sure. So I guess it's fair to say that  
24 this is not a 100 percent complete database. It's  
25 as complete as you could get it with the records you

1 could access. Is that fair?

2 A. Correct. And I would say it's a living  
3 document. Legal, in what I'll say their free time,  
4 which probably doesn't exist much, also tries to  
5 review any historic orders. You know, we may come  
6 across orders as other cases go on. It's a living  
7 document, so wells can be added to it.

8 Q. Did you identify anything that you wish  
9 you would have had in putting together this document  
10 that you just couldn't identify or find?

11 A. As far as like a column data or -- I'm not  
12 sure I under the question.

13 Q. Just as far as data that you were trying  
14 to acquire but that maybe -- not have been  
15 accessible, for whatever reason.

16 A. Not that I can think of easily. I mean,  
17 there's a lot of long hours put into it, reading,  
18 data comparisons. I don't think there's anything  
19 that I wish I could have done better at this time.

20 The only thing I wish we could do  
21 better -- and, you know, technology grows -- is  
22 automating it more so there's less human  
23 interaction.

24 Q. Sure. No, that makes -- that makes  
25 complete sense.

1           Is there a date after which you feel more  
2   confident about the information compared to older  
3   data?

4           A.     I would say so. Again, going back, I  
5   became supervisor in 2023, started coming more into  
6   the orphan program late '23, based off memory. And  
7   the more data closer to my timeline being involved  
8   with the wells we plugged in, I'm more comfortable  
9   with, because I know those are sundries that I or  
10   Loren approved ourselves, rigs that we talked to  
11   ourselves.

12           We've -- I looked at sundries from like  
13   2009 and other dates, and I vetted them just -- I'm  
14   not aware of things. And you'll see, like it will  
15   say, "Rig update not applicable." I wasn't there in  
16   2009, so I would say that data is a little rougher  
17   on the edges.

18           Q.     Okay. That's helpful. Thank you. Let's  
19   move on to orphan versus non-orphan wells. You  
20   testified that OCD plugged 100 orphan wells in 2024,  
21   correct?

22           A.     Correct, based off subsequent sundries of  
23   plugging.

24           Q.     But industry plugged 773 non-orphans  
25   during that same year, correct?

1 A. Correct.

2 Q. So over three-quarters of the wells  
3 plugged by operators were plugged by operators and  
4 not OCD; is that right?

5 A. Yeah, depending on how we look at the  
6 data. Again, there's some talk today between the  
7 parties on, where does forced plugging go?

8 There's roughly 1,000 wells on that data  
9 poll, industry plugged 773, which is, you know,  
10 roughly 77 percent on their own. And there's 100,  
11 even, for OCD, so roughly 10 percent. And I think  
12 there were 130. So roughly 13 percent were forced  
13 plugging.

14 Q. Okay. Now, I can't say that I fully have  
15 wrapped my arms around the formula that Mr. Cloutier  
16 asked you about, and I'm going to have some of our  
17 experts kind of look at that and see if they have  
18 any other thoughts or questions.

19 But based on what I do understand, since  
20 we just got that formula this morning, I do have  
21 some general questions about the thresholds in the  
22 petition and your spreadsheets.

23 MR. HALL: I have a quick objection  
24 to that statement Mr. Suazo made as a predicate to  
25 his question. That -- he might have been provided



Examination by Mr. Suazo

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1 that by Mr. Cloutier this morning, but he never  
2 asked us for that. And so I don't believe it was  
3 ever sent to him. And what they did between each  
4 other is between them.

5 I just would like the record to reflect  
6 that.

7 HEARING OFFICER ORTH: Okay. Thank  
8 you, Mr. Hall.

9 Go ahead, Mr. Suazo.

10 Q (By Mr. Suazo) So, Mr. Garcia, your  
11 testimony, you applied the thresholds that were  
12 listed in the petition; is that right?

13 A. Again, yeah, so like using the mentality  
14 of "or," I think we've talked about the confusion  
15 that there was there, to like 90 barrels of oil or  
16 90 days.

17 I know like we talked about Spur in that  
18 one well. The "or" mentality on Spurs well is  
19 marginal. When Spur looked at it, they used the  
20 mentality of the word "and" and took it out of  
21 marginal.

22 So I'm not sure, I guess, on how much you  
23 want to go in depth, because it sounded like my  
24 counsel was willing to scrap that exhibit. I'm not  
25 sure. I guess that's an accurate statement. I

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1 don't know if you want me to talk about something  
2 they might scrap, I guess.

3 Q. No. I think there's enough kind of  
4 confusion around that issue where we may need to  
5 come back to it. I'm just trying to understand for  
6 my own self that I am clear about what it is that  
7 you did.

8 So those thresholds, the 1,000 BOE for  
9 marginal wells, 90 BOE for no beneficial use, those  
10 were chosen by applicants, correct?

11 A. The definitions of marginal, inactive, all  
12 that, those were what was in the petition by the  
13 applicants, correct.

14 Q. Right. Okay. And did you perform any  
15 sort of economic analysis to determine whether 90  
16 BOE is economic or uneconomic?

17 A. I did not.

18 Q. Okay.

19 MR. SUAZO: Will you pull up that one  
20 slide? I think some of these other questions are --  
21 I'm not going to ask right now.

22 Q (By Mr. Suazo) Mr. Garcia, can you see the  
23 slide that is on the screen?

24 A. I can.

25 Q. And this is the Rock Queen Unit 043,

1 correct?

2 A. Correct.

3 Q. Now, in looking at the bottom left chart,  
4 it shows from -- if my eyes can see that far -- from  
5 1993 to 1999, there's pretty minimal production; is  
6 that accurate?

7 A. I think it would depend on the minimal. I  
8 think sometimes this chart scales weird because of  
9 the 2016 production. I don't have the numbers off  
10 memory of what that production was in 1993 to 1999,  
11 but it had production consistently, is what I would  
12 say.

13 Q. Okay. But from 2000 to 2008, it shows,  
14 from what I can tell, 0 production; is that  
15 accurate?

16 A. Yeah, it looks that way. I would have to  
17 dive into the data to make sure there was no like  
18 10s or anything hidden in there that the visual  
19 skews, but it looks to be nonproductive those years.

20 Q. So there's a nine-year period from 2000 to  
21 2008 -- eight-year period where there's effectively  
22 no production, correct?

23 A. Correct.

24 Q. Okay. And so by these metrics, under the  
25 rules proposed by the applicants, this well would

Examination by Mr. Suazo

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1 have been shut in probably around 2001, correct?  
2 2002?

3 A. Based on production, I'm assuming the well  
4 was shut in or, you know, temporarily abandoned.  
5 Something could have gone on there.

6 Q. But if you look further down the chart,  
7 starting with 2009 through 2018, there is massive  
8 production, it looks like, from a well that was  
9 essentially dead for eight years, correct?

10 A. Yeah, I'm not sure of the exact volume,  
11 but there was a production spike in 2009.

12 MR. SUAZO: Madame Hearing Officer, I  
13 think, given what we heard today, I would like the  
14 opportunity to speak to Mr. Garcia again if we kind  
15 of discover some new information. But at this time  
16 I don't have any further questions.

17 HEARING OFFICER ORTH: All right.  
18 It's 3:21. All right. Let's see here.

19 Mr. Sayer, do you have questions of  
20 Mr. Garcia?

21 Thank you.

22 Mr. Rankin, do you have questions of  
23 Mr. Garcia?

24 MR. RANKIN: I do. Madam Hearing  
25 Officer, I do.

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EXAMINATION

BY MR. RANKIN:

Q. Mr. Garcia, good afternoon.

A. Good afternoon.

Q. How are you doing today?

A. Pretty good.

Q. Good. You know me, I'm Adam Rankin with Holland & Hart. I represent OXY in this case, which we're making -- and I'm going to try to not retread, but I may touch on a couple things if I feel like -- just for clarification or for record purposes.

Couple things to start out with. In your testimony, you used the acronym SR. Is that for subsequent report?

A. Yes. Sorry if I didn't spell that out, but subsequent report. So OCD uses that in general for any work that -- a report after work has taken place.

Q. Then in your testimony, as with Mr. Diede, you define an orphan well or what you -- your meaning of how you use the word "orphan well," right?

A. Correct.

Q. And it's the same -- it sounds like it's the same definition or approximately the same

1 definition that Mr. Diede was using, as well; is  
2 that right?

3 A. They should be nearly identical.

4 Q. Okay. And you also talk about the forced  
5 plugging wells. Again, these being wells that are  
6 plugged by third parties at the bequest of or demand  
7 of the State Land Office or the BLM, right?

8 A. Correct.

9 Q. Those are -- those are -- the forced  
10 plugging wells are different. How are they -- if  
11 you could explain, how are they different than the  
12 orphan wells?

13 A. Yeah, I know it causes more confusion  
14 because there's confusion with orphan wells to begin  
15 with.

16 Forced plugging is a definition we came up  
17 internally basically to help Loren and I's  
18 day-to-day processing of applications. For example,  
19 if I was an operator and I need to plug a well  
20 that's not mine, there's extra checks that OCD has  
21 to do through our legal counsel to make sure we're  
22 not going to get in a bad spot or to make sure this  
23 operator has the authority to plug a well which they  
24 are not the operator of record for.

25 So by calling them forced plugging, it

1 basically alerts us to -- internally remind ourself  
2 we need to get with legal counsel and make sure we  
3 have all of our I's and T's finished.

4 Orphan wells are a different boat. We  
5 don't -- legal and management has picked which wells  
6 those are prior to us. The process is different for  
7 us internally. They pick which wells are to be  
8 plugged. They issue POs, and then they tell us,  
9 here's the approved well list for you to plug. And  
10 we start working on the technical aspects.

11 The forced plugging, we get a lot of  
12 submissions from operators without notice in  
13 advance. For example, this week I think we got ten  
14 submissions from an operator that they want to plug  
15 wells they're not the operator of record for. So we  
16 call them forced plugging because -- again, just  
17 changed our policy. We have to call the crew right  
18 away. We have to make sure legal is okay with them.

19 Q. Now, actually, I think it's a very useful  
20 distinction, and that's why I'm asking the question  
21 for the record, because I think this is an area  
22 that's become more common, more common in the last  
23 few years. Would you agree, that forced plugging  
24 has become a more common practice in the last few  
25 years?

1           A.       I don't know if it's more common in the  
2       last -- I'll speak to the last two years because  
3       that's when I've been involved. I don't know that  
4       it's become more common. I would say OCD and  
5       operators are probably getting better at the process  
6       with each other on how to get these processed  
7       through.

8                   In the beginning, there was a lot of wells  
9       that were plugged -- that would fit in the forced  
10      plugging category that were plugged without OCD's  
11      notification. We found out about, I don't know, 20  
12      to 30 other wells that were plugged, forced plugged  
13      without ever checking with OCD.

14                  So I would say we're just getting better  
15      with the process with industry getting out the door  
16      and getting approved prior to the work taking place.

17           Q.       And just, again, for the record, the issue  
18      here, right, is that under the Division's rules and  
19      regulations, the only entity authorized to work on a  
20      well is the Division-designated operator, correct?

21           A.       That's my understanding of how OCD  
22      processes our applications.

23           Q.       And that's true unless and until there's a  
24      forced plugging order from the Division or some  
25      other legal instrument that authorizes another



1 entity to come in and plug that well, right?

2 A. Correct. We wait until we hear our legal  
3 counsel's thumbs up or, depending on the situation,  
4 a letter associated with that. Sometimes we don't  
5 have the letter because sometimes of forced plugging  
6 on federal wells and we don't have -- you know,  
7 their approval basically gives us the approval to  
8 process sundries without that legal letter from OCD.

9 Q. And I'm just exploring this with you  
10 because I do think it's helpful for the Commission  
11 to hear this and understand a little bit more about  
12 this process that's not -- it's a little bit outside  
13 the normal scope, right, because it's not the actual  
14 operator that's plugging their own wells. It's  
15 third parties plugging other operators' wells.

16 So I think it's -- I'm just asking about  
17 this because I think it's helpful, and there's  
18 some -- a lot of companies out there that are doing  
19 this, and I think it's helpful for the Commission to  
20 know.

21 So just to further clarify how this  
22 process works, essentially your understanding is  
23 that the State Land Office or the BLM will send a  
24 letter making a demand of a third party for some  
25 legal reason -- or have some legal connection to the

1 well demanding that they plug that well that they're  
2 not the Division-designated operator of; is that  
3 right?

4 A. Correct. Through the State Land Office or  
5 BLM processes, which I'm not an expert on, they  
6 basically tell operator A, we would like you to go  
7 plug this well because of X reason.

8 And then they will tell us, hey, we're  
9 being required to plug this. What do we need to do?  
10 And we work with them through that process.

11 Q. Okay. So you don't know -- in this -- in  
12 that situation, you don't know that the State Land  
13 Office or the BLM might actually know who the proper  
14 operator is and they might be a Division-designated  
15 operator and they might be solvent. But for  
16 whatever reason, the State Land Office or BLM is not  
17 going to pursue that entity, instead has gone after  
18 and asked for the third party to plug the well,  
19 correct?

20 A. I didn't say --

21 MR. HALL: I object. That calls for  
22 legal conclusions. Thank you.

23 HEARING OFFICER ORTH: So,  
24 Mr. Garcia, I know that you're not being offered  
25 here as a lawyer. If you can answer the question as

1 part of the regulatory agency rather than as a  
2 lawyer, go ahead.

3 A. All can I say on the topic is both State  
4 Land Office and BLM, through their processes, deem a  
5 need to chase an operator. And that operator comes  
6 to us and tells us they are being chased for  
7 whatever reason the State Land Office or BLM deemed  
8 fit.

9 And we work with them as good neighbors to  
10 BLM and State Land Office to help get that process  
11 through so they can plug the well to meet their  
12 requirements under the other -- the teams. We  
13 believe -- again, that's our legal counsel to vet  
14 that stuff with whoever they need to vet it with.

15 Q. Yeah, I'm not -- oh, sorry.

16 A. I was going to say we can just pause --  
17 once we get the sundries, we kind of pause until we  
18 hear from our counsel saying, you know, good for  
19 your technical review to go.

20 Q. I'm not trying to ask you something you  
21 don't know. The point here I'm trying to get at, I  
22 guess, ultimately is that, the difference between an  
23 orphan well and -- or at least a difference between  
24 an orphan well and a -- and a forced plugging well  
25 is that orphan well, you know for sure, right, that

1 the entity is no longer around or viable. But in  
2 the case of plugging -- forced plugging, the  
3 Division doesn't know whether that other entity is  
4 solvent or not or what the situation is, only that  
5 the other agency out there is asking for some other  
6 party to plug that well, right?

7 A. I would say for orphan wells, our wells we  
8 vetted through various legal processes like  
9 hearings, AC findings, et cetera. And those orphan  
10 wells -- the forced plugging, they may have hearing  
11 orders and State Land or BLM may beat us to plugging  
12 that well by having someone else do it. Or they  
13 could not. That's probably more of a legal question  
14 on, if they all are orphaned or not. I couldn't  
15 say.

16 Q. Sure. Okay. Understood. I'm going to  
17 ask you a couple more questions about that, where  
18 you break out the difference between -- or lump them  
19 together, plugging -- forced plugging and orphan  
20 wells. I didn't mean to belabor that point. I just  
21 think it was helpful to understand a little bit more  
22 about the difference between those two pathways.

23 And that's -- I guess I'll just turn to  
24 this slide here. It's your slide 3 on your -- on  
25 your -- slide 3 of your Exhibit 3 where you kind of

1 show that -- or over the last year, at least in  
2 2024, OCD has plugged 100 wells, and then there's  
3 129 of these forced plugged wells. And those were  
4 the wells we were discussing just now, right?

5 A. Correct. Those are the separate  
6 categories, and we kept them separate because of,  
7 you know, distinction between them.

8 Q. Right. And I've highlighted here -- and  
9 you mentioned this a little bit in your intro  
10 whether you clump them together or not. If you do  
11 lump them together, it's 23 percent if you count  
12 them as all orphan wells, right?

13 A. Correct, yeah. I think it would be  
14 23 percent roughly.

15 Q. And I guess my point here is that the  
16 Division hasn't gone through to ascertain or  
17 determine legally whether those forced plugged wells  
18 would fall under your definition of orphan wells,  
19 right?

20 A. I don't think I could fully -- again, we  
21 typically wait on legal to assert whether or not we  
22 can approve the plugging. There has been a few  
23 forced pluggings we've had to tell the operator  
24 that's trying to plug it, at this time OCD can't  
25 approve this. And then we basically report them to

1 our legal counsel for further discussions.

2 So I'm not sure if I can say all of these  
3 wells are not orphaned or not.

4 Q. I guess my question, then, is: If you put  
5 them in the forced plugged category, OCD has not  
6 performed the analysis to determine that there is  
7 not -- that they meet the orphan definition, right?

8 A. Me and my team have not performed it, no.  
9 If legal does when they talk to these operators on a  
10 one-to-one basis, I couldn't say that.

11 Q. Okay. I have a couple follow-up questions  
12 for you on the creation of the Master Orphan  
13 Spreadsheet. I was curious, when did OCD decide to  
14 start building that spreadsheet?

15 A. Good question. I don't know the exact day  
16 in mind. I would say probably early '24, if I had  
17 to guess.

18 Q. Was it --

19 A. Yeah.

20 Q. Was the decision to create that Master  
21 Orphan Spreadsheet part of this rulemaking effort?

22 A. Not to my knowledge.

23 Q. So --

24 A. I think it was just internal items that  
25 management was seeing could be corrected.

1 Q. So rather than being part of a --  
2 preparing for this rulemaking, the Division decided  
3 to make this Master Orphan Spreadsheet as part of  
4 its better management of its orphan well situation?

5 A. Yeah. My limited view into the orphan  
6 well program at OCD is, this was really just a step  
7 in the right direction of getting us better --  
8 similar team, you know, one goal, hopefully future  
9 automating this. It was just a step in that  
10 direction.

11 I was not part of the original rulemaking  
12 discussion, so I don't know when those took place.  
13 So I couldn't say relation on timelines to this.

14 Q. So the intent -- the intent of the  
15 creation of the -- I'm going to call it the MOS, was  
16 to be able to better manage -- have a single,  
17 uniform source of information for management  
18 purposes to be able to track and manage orphan  
19 wells, right?

20 A. Correct. Like I could tell you, one  
21 day -- I don't track the reports for the federal  
22 government, but I know one day I got a call, and  
23 they said, hey, you know, we told them we plugged  
24 all these wells. Now the federal government would  
25 like to see the sundry.

1           And that's why in the MOS now going  
2 forward -- do you see the hyperlinks in there? So  
3 it's easy for those who report to the federal  
4 government to kind of copy and paste the hyperlinks  
5 into whatever reports they're submitting. So to me,  
6 it's just a better management tool.

7           Q.     What did the Division do before it had the  
8 MOS? How did it manage its orphan wells before  
9 that?

10          A.     I do not know. I wasn't part of it  
11 really, prior to MOS. MOS was kind of my intro to  
12 the orphan program, as well as starting to take over  
13 the rig management. So how they reported all of  
14 that before me, I couldn't answer that.

15          Q.     Who would -- who would be the one to be  
16 able to address that question?

17          A.     Not to Kate, but possibly Brandon. And  
18 that's a maybe there, because there's other teams  
19 that are -- the OCD special projects team over --  
20 overviews the entire orphan program, and none of  
21 them are testifying today, I don't believe --

22          Q.     Okay.

23          A.     -- for this hearing.

24          Q.     Would that potentially also fall under  
25 Mr. Wrinkle's purview?



1 A. About how we reported prior to the MOS?

2 Q. Yeah, how the Division managed the orphan  
3 well program prior to establishing or creating this  
4 MOS establish?

5 A. I'll let you ask them because I could not  
6 say for sure if that was a yes or no.

7 Q. So I guess maybe Brandon? Maybe Justin?  
8 Okay.

9 A. Yes.

10 Q. I'm sorry, what was that?

11 A. I would ask both of them if I was you.

12 Q. Okay.

13 A. Sorry.

14 Q. That's all right.

15 And then the intent of the -- of that list  
16 is to capture all orphan wells under the Division's  
17 definition that exists in the state, whether state,  
18 federal, or private minerals, correct?

19 A. Correct. It was just orphan wells.

20 Q. Say that again.

21 A. Correct. We were just looking for orphan  
22 wells within New Mexico's state limits.

23 Q. Right. So without respect to whether  
24 they're State Trust minerals, federal minerals, or  
25 private minerals, correct?

1           A.       Correct. There is federal wells on there  
2 because we had plugged multiple federal wells per  
3 BLM request, but, again, being a good neighbor to  
4 our regulatory sibling, I guess. So there is BLM  
5 federal wells in there because we're also helping  
6 them out.

7           Q.       It sounds like it was an arduous process  
8 in large part because some of the -- you know, some  
9 of the determinations about whether a well is  
10 orphaned or not is dependent upon having to review  
11 individual hearing orders, correct?

12          A.       It was a lot of hearing orders.

13          Q.       And I think you said there was some  
14 interpretation required when you reviewed hearing  
15 orders. Just so I'm understanding and for the  
16 record, what interpretation was needed to understand  
17 when you reviewed the orders?

18          A.       I mean, I guess, you know, I do a lot of  
19 hearings on my other part of OCD life. And this is  
20 a broad statement. I feel like our OCD orders  
21 nowadays are maybe cleaner and simpler to read.

22                    When we started reviewing orders prior to  
23 my time at OCD, there was some confusion in them.  
24 They're not following our similar templates that we  
25 use nowadays, so I leaned on our legal counsel for

1 interpretation. Again, some of the orders were  
2 dismissals, continuances.

3 There's some old -- older orders that  
4 are -- there's one example that I tease my counsel  
5 that I hope they never do it because it's one order,  
6 one case, and there's like 73 operators, and I think  
7 there's like 700 wells on it. They were all forced  
8 plugged potential wells.

9 So I really relied on the legal counsel  
10 for that order because that order has been amended  
11 multiple times, and the order says like, the wells  
12 are good today. You need to do this. Exhibit B,  
13 you need to do this. Exhibit C, you need to do  
14 this.

15 It just goes 1,000 different ways in some  
16 of the older orders. So they get real messy the  
17 older you get. I think the orders nowadays are a  
18 little cleaner.

19 Q. So, there was no like electronic database  
20 where you could see a checkmark, right, if something  
21 was orphaned, right? You had to go through and kind  
22 of create it from scratch based on the old orders,  
23 right?

24 A. Yeah. The older we get, the more PDF we  
25 get, too, so there's no just query we can run.

1 Q. Okay. Just -- Mr. Suazo and Mr. Cloutier  
2 went through a lot of my questions. So I'm just  
3 trying to make sure I don't duplicate myself  
4 unnecessarily.

5 I think I'm going to raise an objection if  
6 I ask this question, but basically, you're not the  
7 person to ask: Of the 100 wells that OCD plugged in  
8 2024, how many has OCD sought to redeem the bond  
9 for?

10 A. I guess I was pausing because you expected  
11 an objection. I am not 100 percent --

12 MR. HALL: Is that your -- is that  
13 for you or is that for Mr. Powell?

14 A. Yeah, I would defer probably to  
15 Mr. Powell. All I will note is in the MOS, in the  
16 yellow category, there's a bonds team, and there's  
17 talk about bonds numbers in there. That's the  
18 extent of my knowledge.

19 Now, how much we've sought, I couldn't  
20 answer.

21 Q (By Mr. Rankin) Mr. Garcia, I'm just  
22 following your advice. I'm going to ask each of  
23 you, okay, and as things get kicked down, I'll  
24 just -- I'll just ask the next one to the next  
25 witness. Okay?

1           So that's not your area, and you can't  
2   tell me of the -- of the wells you plugged, how many  
3   the Division has sought to redeem, right?

4           So can you tell -- well, again, I guess  
5   I'll direct it to Mr. Powell, but you can't tell me  
6   if the Division hasn't, why it hasn't or what the  
7   issue is with bonding. I'll direct that to  
8   Mr. Powell.

9           A.     Was that a question again?

10          Q.     No. It was just me like . . .

11          A.     You're fine.

12          Q.     Just me -- sorry, it's getting late in the  
13   afternoon. Sorry.

14                 All right. I'm sorting through -- I mean,  
15   I had some issues last night sorting through what  
16   Mr. Cloutier and Mr. Suazo were reviewing. So I'm  
17   just trying to make sure I -- there's a few things I  
18   might want to just -- I don't know that I need to  
19   clarify any more than they did on the -- on the  
20   testimony. But I -- I'm going to just touch on one  
21   or two things here just to make sure it's clear.  
22   Okay?

23                 What I gathered from, you know,  
24   reviewing -- I didn't -- because I didn't look at  
25   the formula that you used for your Exhibit 16, so I

1 didn't -- I wasn't able to discern myself whether  
2 the actual spreadsheet that generated this pie chart  
3 had an error. But in reviewing the language of this  
4 spreadsheet, I did discern for myself that there  
5 might be a problem. And I think you explored that  
6 thoroughly with Mr. Cloutier and Mr. Suazo.

7 But the bottom line is that this pie chart  
8 is not accurate or reliable because it was using the  
9 "or" for both marginal wells and no beneficial use  
10 wells, correct?

11 A. I would say --

12 Q. And that --

13 A. Sorry, go ahead.

14 Q. Sorry, let me just clarify. This is  
15 Exhibit 3, slide 4 that I'm referring to.

16 A. Correct, and I can see it. I would say  
17 the accuracy matches the "or" mentality. And I know  
18 we talked about it a lot. I think there's a lot of  
19 confusion.

20 The real takeaway from this -- and I know  
21 you're going to review with your clients tonight,  
22 is -- my takeaway is the rule -- I'm not a lawyer.  
23 You know that. So my reading and talks to  
24 management were kind of treating it with the word  
25 "or," which I did. It shows the numbers that it

1 shows, which, again, is kind of like a worst case  
2 scenario for the Commission to understand, if they  
3 enacted this, this is how many wells they would be  
4 increasing bonds on potentially.

5 What I will say is, I think it was -- the  
6 OCC when they evaluate this, and the parties, I  
7 think everyone is just looking for a clean, concise  
8 rule. Now -- so is that a "days or BOE"? Or is it  
9 "days and BOE"? Is it just a "BOE"?

10 I believe others will testify more about  
11 it, because to my understanding, there's been more  
12 talks about the wording in the addition that I  
13 wasn't part of. But, to me, a simple rule that's  
14 clean and cut for OCD and operators to go by so  
15 there's no, you know, debates later down the road  
16 of, does this well meet or not, is really what I'm  
17 trying to get across with this slide.

18 There was some confusion. We just need a  
19 clean rule. Now, is that what that looks like? I  
20 don't have the answer to that at this time. I just  
21 think we need a clean, easy-to-read rule.

22 Q. Yeah. So -- but just -- again, this pie  
23 chart does not reflect what the wells would be that  
24 are marginal or no beneficial use under the petition  
25 as it sits in front of the Commission right now,

1 correct?

2 A. After talks with -- and I'm horrible with  
3 names. I'll call him Mr. Andrew. After talking  
4 with him and seeing how his clients read the word  
5 "and," this would not show the "and" mentality that  
6 him and his clients talked about, which they believe  
7 is the way the petition is supposed to read.

8 Q. Okay. I'm just trying to get it into one  
9 spot. All right.

10 I was interested in this last slide, 11,  
11 of your Exhibit 3, although you don't provide a lot  
12 of testimony on this slide, okay, in your -- in your  
13 written testimony, nor did you really give much  
14 around it in your summary.

15 But in your testimony, you said that these  
16 wells ultimately became orphan wells, as I  
17 understand, right? And that OCD had to plug them.  
18 But they'd previously gone through a series of  
19 numerous transfers from one operator to another.

20 And as I understand the issue here, the  
21 Division identifies that as one of the -- one of  
22 the -- you know, an indicator of potential orphan  
23 wells when they get transferred down, down the  
24 chain, correct?

25 A. I don't know if I would say OCD as a whole



1 believes that. I think -- I put this slide  
2 together, and you're right, I probably could have  
3 put some more words in here about -- this slide was  
4 to kind of show -- these, again, are the same wells  
5 that Loren testified to, and he had talked about,  
6 with each sale, data gets, you know, harder and  
7 harder to come by.

8           So this really wasn't taking a stance on  
9 the sale. It was really just showing the well that  
10 Loren talked about, how many times they were sold  
11 and how it became harder each time to get the data  
12 to plug the well. That's kind of the take on this  
13 slide. It's the same wells.

14           And to clarify, the wells on the right  
15 side are the ones to be plugged. The Cato San  
16 Andres are the wells that were deemed forced  
17 plugging. Another operator plugged those wells.

18           Q.     Now, I mean, you've read the petition and  
19 the proposed rulemaking. And Mr. Morgan did a very  
20 good job of reviewing this portion of the rule that  
21 identifies the concerns about, and empowering the  
22 Division to review transfers of operatorship to  
23 ensure that the transferee has the proper financial  
24 wherewithal to manage the life cycle -- remaining  
25 life cycle of the wells, right?

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1           A.       I'll say I can see --

2                   MR. HALL:  Objection, multifarious  
3 question.  I heard about two or three different  
4 questions there.

5                   MR. RANKIN:  It probably is true.

6                   HEARING OFFICER ORTH:  All right.  
7 Mr. Garcia, can you answer the question or do you  
8 want it broken down?

9           A.       All can I say is, I have not been present  
10 for all testimony, Mr. Rankin.  We've had a lot of  
11 other items come up in the back that I've been  
12 dealing with outside of the hearing.

13                   So could you refine the question to get --  
14 to specifically this slide we are discussing?

15           Q.       Well, it's a series of slides.  And I  
16 guess you're aware that the proposed rulemaking here  
17 provides the Division with additional powers to  
18 review the financial wherewithal of -- an ability of  
19 the transferee to manage the life cycle of the wells  
20 that they're going to be operating, correct?

21           A.       Yeah.  I'm aware that the proposed  
22 petition talks about OCD having, you know, like you  
23 said, some oversight of the transfers and all that  
24 stuff.

25           Q.       And once the Division has that power,

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1 assuming this proposed rule gets adopted as  
2 proposed, the issues that are identified in slide  
3 11, do you expect them to be resolved by the  
4 Division's ability to review the capacity of the  
5 transferee to manage the life cycle of the well?

6 A. I think in certain situations, it may  
7 help, but certain situations, I don't know about the  
8 difference. I don't know if I have a personal  
9 opinion on this overall.

10 Q. Okay. But just so I'm clear, I mean, you  
11 put the slide together for a purpose, right? To  
12 show that the more times often -- you tell me. I  
13 mean, what was the purpose of showing the fact that  
14 these things got transferred from one operator to  
15 another?

16 A. It was just to show the divestment history  
17 of the wells that Loren discussed in his testimony,  
18 just so the Commission and the parties had a  
19 question -- or answers to questions. I kind of  
20 assume that somebody was going to ask how many times  
21 they were sold, which I believe somebody did ask  
22 Loren and he couldn't answer. This slide is  
23 basically in support of those questions.

24 Q. So it wasn't intended to address the  
25 Division's concerns or ability to manage or review,

1 oversee transfers going forward under the proposed  
2 rule?

3 A. My testimony doesn't have any opinion on,  
4 you know, overall supporting or going against the  
5 rule. I believe that is for Brandon. We kind of  
6 discussed he'll talk about changes and support about  
7 the petition.

8 This is just more factual testimony of,  
9 these wells are wells that we've encountered issues  
10 with. You know, here's how many times they were  
11 sold.

12 Q. So I'm going to ask you a question about  
13 transfers. Has the Division conducted an analysis  
14 to determine how many orphan wells the provision in  
15 the rule that addresses transfers might prevent from  
16 devolving into the OCD as orphan wells?

17 A. I have not.

18 Q. Are you aware of anybody at the Division  
19 doing an analysis along those lines?

20 A. I am not.

21 MR. RANKIN: All right. I think  
22 you've answered -- let me just -- I think you've  
23 answered all of my questions. Let me just make  
24 sure.

25 I think you have, Mr. Garcia. It's a

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1 pleasure. Thank you very much for your time today.  
2 Appreciate it.

3 JOHN GARCIA: Thank you.

4 HEARING OFFICER ORTH: Thank you,  
5 Mr. Rankin.

6 Mr. Maxwell, do you have questions of  
7 Mr. Garcia?

8 MR. MAXWELL: No questions. Thank  
9 you.

10 HEARING OFFICER ORTH: Thank you.

11 Is Ms. Nanasi with us?

12 Mr. Moore?

13 MR. MOORE: No questions, Madam  
14 Hearing Examiner. Thank you.

15 HEARING OFFICER ORTH: Thank you very  
16 much.

17 Ms. Fox, are you going to have questions,  
18 or Mr. Tisdell?

19 MR. TISDELL: We will, very few  
20 questions.

21 HEARING OFFICER ORTH: Okay. I'm  
22 asking because we need a short break before public  
23 comment, so can you do that after public comment?

24 MR. TISDELL: I'd be happy to, yeah.

25 HEARING OFFICER ORTH: Thanks so

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1 much. Let's come back at 4:00.

2 (Recess was taken from 3:54 p.m. until 4:04 p.m.)

3 HEARING OFFICER ORTH: Let's come  
4 back from the break, please.

5 All righty. Ms. Gerhart, would you like  
6 to come up to the speaker's box up here, please.

7 Good afternoon. My name is Felicia Orth.  
8 I'm conducting a hearing on well plugging and  
9 financial assurance. We've come to another public  
10 comment session today. I have several people  
11 indicating a desire to offer public comment. Just a  
12 few things about that.

13 We'll ask you to spell your first and last  
14 name because we're making a transcript. Also,  
15 please speak at a deliberate pace because we are  
16 making a transcript. I'll ask -- the rules ask that  
17 you be sworn in; that is to say I'll ask if you  
18 swear or affirm to tell the truth.

19 And I will ask you to keep your comments  
20 to three minutes. In the event you have a lot more  
21 than that to say, please submit your comment in  
22 writing to Sheila Apodaca, the Commission  
23 administrator.

24 So, Ms. Gerhart, would you spell your  
25 first and last name, please.

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1 SAYRE GERHART: My name is Sayre  
2 Gerhart, S-A-Y-R-E, G-E-R-H-A-R-T.

3 HEARING OFFICER ORTH: Thank you.  
4 And do you swear or affirm to tell the truth?

5 SAYRE GERHART: I do.

6 HEARING OFFICER ORTH: I'll start  
7 your time.

8 SAYRE GERHART: My name is Sayre  
9 Gerhart, and I live in Corrales, New Mexico. And I  
10 am really just a member of the public coming to  
11 support the modernization of the New Mexico's  
12 bonding and cleanup rules. And I really know that  
13 this is hard work. I have been an elected official  
14 myself and want to commend everybody for working on  
15 this.

16 My reason for speaking also is because as  
17 a member of the public, we are paying attention.  
18 And I know it's very nuanced what, you know, even I  
19 was hearing for the last half an hour in the room.  
20 But it's also very simple. You know, if you drill  
21 it, you clean it up.

22 And as a taxpayer and as an advocate for  
23 our stewardship of our beautiful state, I hope that  
24 the commissioners will modernize the rules and  
25 prevent the taxpayers from picking up the burden of

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1 cleaning up after other people and also that, you  
2 know, we resolve the orphan wells situation around  
3 the state.

4 And that's really all I wanted to say.

5 HEARING OFFICER ORTH: Thank you very  
6 much, Ms. Gerhart.

7 Do we have Kathleen Hepp on the platform?

8 KATHLEEN HEPP: Okay. Can you hear  
9 me?

10 HEARING OFFICER ORTH: Yes, I can.

11 KATHLEEN HEPP: Okay.

12 HEARING OFFICER ORTH: Would you  
13 spell your first and last name, please.

14 KATHLEEN HEPP: Okay. Kathleen, it's  
15 K-A-T-H-L-E-E-N, and my last name is Hepp, H-E-P-P.

16 HEARING OFFICER ORTH: Thank you. Do  
17 you swear or affirm to tell the truth?

18 KATHLEEN HEPP: Absolutely.

19 HEARING OFFICER ORTH: I will start  
20 your time.

21 KATHLEEN HEPP: Okay. Well, hello.  
22 My name is Kathleen Hepp. I live in New Mexico, for  
23 30-plus years. I'm originally from Pennsylvania. I  
24 raised my boys here, my three boys in Moriarty, New  
25 Mexico, and they all attended public schools. All

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1 three boys were in wrestling, and it gave them a  
2 structure and it gave them discipline to become the  
3 good, hardworking men that they are today.

4 So that being said, it also gave them  
5 morals and values. Sorry. They've also received  
6 scholarships, each of them, to go to college. My  
7 hope is that their children have the same  
8 opportunity as they did.

9 Cutting the funding would put a big damper  
10 on that opportunity, I believe. One of my son's job  
11 is working with the railroad, and I consider that a  
12 very good career for him. I'm proud of him.

13 It would be a real impact on his job and  
14 the community around to get products, meaning a rise  
15 in the prices and less product for Americans.  
16 Increasing products, in my opinion, in New Mexico,  
17 we can't afford it right now. With the increase of  
18 everything else, it would be -- it would hurt our  
19 community because that -- we cannot afford that.  
20 For you guys to raise the regulations, that would  
21 hurt everyone.

22 It would also probably drive the companies  
23 out of New Mexico, do business elsewhere. So please  
24 consider people like me and my family before  
25 deciding on any new regulations.

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1 And I appreciate the time that you're  
2 taking to listen to me. Thank you very much.

3 HEARING OFFICER ORTH: Thank you,  
4 Ms. Hepp.

5 KATHLEEN HEPP: You're welcome.

6 HEARING OFFICER ORTH: Vicki  
7 Gottlieb? Do we have Vicki Gottlieb on the  
8 platform?

9 She reached out earlier to speak at 4:00.

10 All right. If she joins us, Ms. Apodaca,  
11 let me know.

12 MS. APODACA: I do see her on the  
13 platform, and she has permission to unmute.

14 HEARING OFFICER ORTH: Oh, okay.

15 Ms. Gottlieb, I believe you have  
16 permission to unmute.

17 Ms. Gottlieb, you might need to press  
18 control-shift-M.

19 She may have stepped away.

20 All right. Let's move to the next person  
21 with their hand raised, Sheila.

22 All right. This is Petra Ligon or Ligon.  
23 Can you unmute yourself?

24 PETRA LIGON: Can you hear me?

25 HEARING OFFICER ORTH: Yes. Thank

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1 you. Would you spell your first and last name,  
2 please.

3 PETRA LIGON: Yes. It's P-E-T-R-A,  
4 last name L-I-G-O-N.

5 HEARING OFFICER ORTH: Thank you. Do  
6 you swear or affirm to tell the truth?

7 PETRA LIGON: Yes.

8 HEARING OFFICER ORTH: I'll start  
9 your time.

10 PETRA LIGON: Okay. So hello,  
11 everyone. Thank you, commissioners, for allowing me  
12 to speak today.

13 My name is Petra Ligon. I was born in  
14 Berlin, Germany, and moved to the United States when  
15 my husband was transferred to Fort Eustis, Virginia.

16 After three years, I, too, decided to join  
17 the Army working as a transportation management  
18 coordinator. I separated after my second enlistment  
19 and worked for various companies, mostly in the  
20 administrative field.

21 Kirtland Air Force Base was my husband's  
22 last duty station. He retired in 1997 after serving  
23 24 years in the military. And we both retired  
24 permanently this year.

25 I realize New Mexico heavily depends on

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1 the revenue it makes from oil and gas companies to  
2 fund education, Medicaid, and other programs.  
3 Nevertheless, increasing fees for smaller oil and  
4 gas companies will only drive them to elsewhere. As  
5 a veteran, I know that the oil and gas companies are  
6 composed of about 20 percent veterans. Supporting  
7 those who have served our country is important, and  
8 we should not take away that opportunity.

9 With that said, I believe it's very  
10 important for our state not only to rely on the  
11 revenue from oil and gas, but to incentivize larger  
12 companies and manufacturing businesses to move to  
13 New Mexico.

14 I'm asking to please consider the  
15 importance of oil and gas for our state when  
16 deciding on this issue.

17 Thank you for your time.

18 HEARING OFFICER ORTH: Thank you very  
19 much, Ms. Ligon.

20 We'll move now to Stefi Weisburd.

21 STEFI WEISBURD: Hi. Can you hear  
22 me?

23 HEARING OFFICER ORTH: Yes. Thank  
24 you very much. Would you spell your first and last  
25 name, please.

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1 STEFI WEISBURD: Stefi is S-T-E-F-I,  
2 Weisburd, W-E-I-S-B-U-R-D.

3 HEARING OFFICER ORTH: Thank you. Do  
4 you swear or affirm to tell the truth?

5 STEFI WEISBURD: I do.

6 HEARING OFFICER ORTH: Thank you.  
7 I'll start your time.

8 STEFI WEISBURD: Thank you for  
9 allowing me to speak today. I've lived in New  
10 Mexico for 35 years.

11 I treasure the state's natural beauty and  
12 how responsible use of our resource benefits us all.  
13 Unfortunately, our state has suffered a subset of  
14 examples of companies abusing the trust we place in  
15 them to operate conscientiously and return the  
16 borrowed environment to its prior state.

17 The oil and gas industry, in particular,  
18 seems to be structured to encourage infrastructure  
19 abandonment from small operators who acquire  
20 marginal wells that do not guarantee enough income  
21 to be cleaned up by their owners. The problem will  
22 only be exacerbated by the eventual decline of  
23 fossil fuels, leaving more stranded assets littering  
24 our state.

25 Requiring operators to put up a bond

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1 linked to well plugging and remediation cost is  
2 common sense. After all, we wouldn't object to a  
3 landlord requiring a security deposit and evidence  
4 of cash flow to pay rent for an apartment. If  
5 renters treat the property with respect, they will  
6 get their security deposit back.

7 The impact of abandoned wells goes beyond  
8 plugging and remediation costs. They can emit  
9 substances toxic to humans, livestock, and wildlife  
10 and contribute to a climate pollution. And we're  
11 already confronting the costly consequences of  
12 climate change where I live.

13 I'm terrified of wildfires ruining --  
14 burning our communities. We have soaring insurance  
15 premiums. We have water shortages. People are  
16 having to drill deeper for wells. And we have a  
17 harder time in the heat.

18 Naturally, climate-driven extreme weather  
19 has bumped the average number of billion-dollar  
20 disasters from three per year in the 1980s to 19 per  
21 year over the last decade, according to Climate  
22 Central. For the first six months of this year,  
23 there have been 14 disasters costing \$101 billion.

24 I was on when Senator Townsend and  
25 Representative Montoya mentioned HB 403. It

1 redirects funds from education towards the  
2 reclamation fund in lieu of modernizing bonding  
3 requirements. I do not like taking the option of  
4 support away from education, nor relying solely on a  
5 rescue fund after the fact.

6 A sufficiently sized bond acts as more of  
7 a deterrent to bad behavior than cleanup monies  
8 widely sourced from taxes on the industry at large.  
9 Some of the reclamation funding also comes from the  
10 federal government, which is abandoning decades of  
11 environmental protections and the funding behind it.

12 We must stand up for ourselves. I urge  
13 you to adopt rules that protect our communities and  
14 the lands, water, and air we all depend on to live.

15 Thank you very much.

16 HEARING OFFICER ORTH: Thank you,  
17 Ms. Weisburd.

18 Ms. Gottlieb?

19 VICKI GOTTLIEB: Got it. Hello.  
20 Yes.

21 HEARING OFFICER ORTH: Would you  
22 spell your first and last name, please.

23 VICKI GOTTLIEB: Yes. My first name  
24 is Vicki, V-I-C-K-I, Gottlieb, G-O-T-T-L-I-E, as in  
25 every, B, as in boy.

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1 HEARING OFFICER ORTH: Do you swear  
2 or affirm to tell the truth?

3 VICKI GOTTLIEB: I do.

4 HEARING OFFICER ORTH: Thank you.  
5 I'll start your time.

6 VICKI GOTTLIEB: Good afternoon,  
7 Chair and Commissioners. My name is Vicki Gottlieb,  
8 and I'm speaking as a resident of Placitas, where  
9 I've lived for 18 years, and other places where I've  
10 lived since 1970, Albuquerque, Roswell, Santa Fe,  
11 and El Rito.

12 I strongly support the proposed bonding  
13 rule changes. Since moving to Placitas, I've helped  
14 our community push Sandoval County to require air  
15 quality monitoring by the gravel operators here and  
16 forced their contracts and required reclamation  
17 after operations shut down.

18 Resource extraction is common in New  
19 Mexico. It's also common sense to make companies  
20 extracting resources responsible for the expense of  
21 work to clean it up, 100 percent of the time.

22 When I worked -- excuse me -- for The  
23 State Department of Information Technology for 12  
24 years before retiring, one of my responsibilities  
25 was reviewing all agencies' information technology

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1 contracts. We worked hard to get the bonding  
2 requirements for expensive single and multiagency  
3 projects increased. So I have firsthand knowledge  
4 of the imperative for adequate bonding, as well as  
5 the business of all state agencies who have anything  
6 to do with oil and gas drilling.

7 Well cleanup costs are substantial, and  
8 they fall to the state largely because oil and gas  
9 corporations are not required to post sufficient  
10 bonds to cover them. This exposes taxpayers, public  
11 funds, communities, and the environment to harm and  
12 contributes to a legacy of pollution in New Mexico.

13 As a grandparent, I owe it to my  
14 grandchildren to protect the environment, conserve  
15 state funds wherever possible, and ensure a legacy  
16 that encourages them to consider New Mexico the best  
17 option for working and raising their families in the  
18 future.

19 Your decision impacts future generations  
20 of New Mexicans as well. You owe it to them to  
21 support the proposed bonding rule changes.

22 Thank you for listening.

23 HEARING OFFICER ORTH: Thank you very  
24 much, Ms. Gottlieb.

25 Who else do we have here?

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1 Kevin Kirby, can you unmute yourself?

2 KEVIN KIRBY: My name is Kevin Kirby,  
3 K-E-V-I-N, K-I-R-B-Y.

4 HEARING OFFICER ORTH: Do you swear  
5 or affirm to tell the truth?

6 KEVIN KIRBY: I do.

7 HEARING OFFICER ORTH: I'll start  
8 your time.

9 KEVIN KIRBY: Members of the New  
10 Mexico Oil Conservation Commission. Son, we've got  
11 to talk about this bond issue thing. Yeah, I know,  
12 we don't talk a lot about your oil business, but  
13 maybe now is the time. If your mother were here,  
14 she would tell you what she always told you, clean  
15 up your mess. Your room is like a pigsty.

16 I'm sorry, she's not here to tell you  
17 herself. But you never listened. You and your  
18 buddies have made a mess of New Mexico, and this  
19 bond thing just says, we can't trust you. Your word  
20 is not your bond. And we need you to have a legal  
21 bond so you can do the right thing.

22 When you make a mess, clean it up or pay  
23 the bond to do it. Yeah, I know you pay a lot of  
24 taxes. I know you make a lot of money. You got a  
25 big house and a nice family, but you don't live

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1 here. I still do. We still live with the rusted  
2 oil rigs, and your old mess is making us sick and is  
3 killing New Mexicans. It's not been easy.

4 You say it's the cost of doing business.  
5 You make a lot of money for New Mexico. It costs  
6 too much to clean up the mess. We have to make a  
7 profit. Well, here's the thing, this bond won't  
8 save the world. You already took care of that. But  
9 maybe, just maybe you can save New Mexico.

10 Just pass the bond, clean up your -- clean  
11 up our land of enchantment.

12 Thanks for listening.

13 HEARING OFFICER ORTH: Thank you,  
14 Mr. Kirby.

15 I believe I saw Nona Girardi raise her  
16 hand.

17 Ms. Girardi?

18 NONA GIRARDI: Yes, hello.

19 HEARING OFFICER ORTH: Hello. Would  
20 you spell your first and last name, please.

21 NONA GIRARDI: My first name is  
22 N-O-N-A, last name G-I-R-A-R-D-I.

23 HEARING OFFICER ORTH: Do you swear  
24 or affirm to tell the truth?

25 NONA GIRARDI: Yes.

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1 HEARING OFFICER ORTH: I'll start  
2 your time.

3 NONA GIRARDI: Good afternoon, Chair  
4 and Commissioners. I'm speaking as a resident of  
5 Los Alamos, New Mexico, in strong support of  
6 proposed bonding rule changes.

7 I've lived in New Mexico for more than 30  
8 years. As a family doctor working in various areas  
9 of rural New Mexico, I've seen the impact of  
10 increased respiratory and cardiovascular diseases on  
11 people living near oil and gas production areas.

12 Children suffer severe asthma attacks more  
13 frequently and have difficulty controlling their  
14 day-to-day symptoms. Older citizens have worsening  
15 chronic obstructive pulmonary disease and heart  
16 disease. And people die at younger ages, all due to  
17 inhaling these pollutants.

18 The oil and gas corporations that drill  
19 for extract and profit from our public resources  
20 should be required to clean up after themselves,  
21 100 percent of the time. They can't be allowed to  
22 leave the cost and effort of plugging and cleaning  
23 up unproductive wells to our taxpayers. If they  
24 can't afford the cost of cleanup, they shouldn't be  
25 drilling here at all.

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1           If an ordinary person rents or leases a  
2 house or apartment, they usually have to provide a  
3 security deposit up front to cover any damages they  
4 may cause. If an ordinary person owns or drives a  
5 car in New Mexico, they need to have automobile  
6 insurance to cover the cost of accidents, injuries,  
7 or property damage. The same principle should apply  
8 to oil and gas companies operating in our lands.

9           They should post the sufficient bond as  
10 the proposed rule would require. In the past five  
11 years, over \$100 million in public funds, both state  
12 and federal, have been spent to clean up abandoned  
13 wells in New Mexico. And we still face up to  
14 \$1.6 billion in future cleanup costs.

15           The abandoned wells are dangerous, methane  
16 and toxins leak into our air and groundwater,  
17 harming wildlife and public health, especially in  
18 rural and tribal communities. Leaking methane goes  
19 to waste, worsening global warming without even  
20 doing anything towards supplying our energy needs.

21           Please vote to adopt stronger bonding  
22 rules. Let's protect our air, water, health, and  
23 wallets and make sure no one gets to profit while  
24 leaving the rest of us with the mess.

25           Thank you.

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1 HEARING OFFICER ORTH: Thank you,  
2 Dr. Gerardi.

3 Is there anyone else on the platform who  
4 would like to offer comment at this time? If you're  
5 joining us by phone, you can press star-5 to raise  
6 your hand. And then as I understand it from some  
7 information that Mr. Maxwell shared with us, you  
8 would be hitting star-6 in order to unmute.

9 Let's see, I see someone named Eleanor has  
10 raised her hand.

11 Can you unmute yourself, Eleanor.

12 ELEANOR SMITH: Yes.

13 HEARING OFFICER ORTH: Hello. Would  
14 you --

15 ELEANOR SMITH: Hi.

16 HEARING OFFICER ORTH: -- spell your  
17 first and last name, please.

18 ELEANOR SMITH: Eleanor, which is  
19 E-L-E-A-N-O-R, and then Smith is just S-M-I-T-H.

20 HEARING OFFICER ORTH: Thank you. Do  
21 you swear or affirm to tell the truth?

22 ELEANOR SMITH: Yes.

23 HEARING OFFICER ORTH: Thank you.  
24 I'll start your time.

25 ELEANOR SMITH: Okay. Good

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1 afternoon, Chair and Commissioners. My name is  
2 Eleanor Smith. I'm speaking on behalf of (Navajo),  
3 which translates to sacred water speaks, in strong  
4 support of the proposed bonding rule changes.

5 I live here in the San Juan Basin in the  
6 Four Corners area in Shiprock, New Mexico, on the  
7 Navajo Reservation. As you may know, we are -- we  
8 live near two power plants, coal fired power plants  
9 that have recently -- one has recently closed down,  
10 and we have been littered with oil and gas wells  
11 that have been abandoned, some of them for as long  
12 as 100 years.

13 Our Navajo Nation was established by the  
14 federal government as a mechanism to -- you know,  
15 have a mechanism for them to approve oil and gas  
16 leases. And so the earliest -- and this was back in  
17 the 1920s. So not far from here in Carrillo, New  
18 Mexico, we actually have abandoned oil wells that  
19 have been there since the 1920s that have not been  
20 cleaned up.

21 And for years in this San Juan Basin area  
22 of the Four Corners, we have had the American Lung  
23 Association give us a grade of an F, as in failing,  
24 for decades, not only from the power plants, but  
25 also because of the methane emissions from these

1 leaking oil and gas wells.

2 We need -- really, it's -- you know, I  
3 can't stress how much we are a sacrifice zone for  
4 the rest of the country. You know, we've been --  
5 we're still designated as a sacrifice zone in this  
6 area.

7 And we just need -- we would like for the  
8 Commission to hold these companies accountable and  
9 responsible for cleaning up their mess.

10 My husband, who has never smoked -- we're  
11 in our 60s now, and he has been diagnosed with  
12 chronic COPD, and he has never even smoked. So  
13 there's -- and there's a high rate of asthma in this  
14 area. A lot of our people have asthma. You know,  
15 it's just -- we have chronic health conditions,  
16 cancer.

17 So, you know, we would really like for the  
18 Commission to do their job to hold these  
19 corporations accountable, responsible, to make sure  
20 that they have bonding in place to ensure that  
21 there's enough bonding, not just minimal amounts,  
22 but they need to have exceeding amounts to clean up  
23 their messes.

24 And I just wanted also, if I have time,  
25 share with you just the magnitude. This is from



Examination by Mr. Rankin

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1 Jerry Redfern's article back from a couple months  
2 ago. It says, "Oil and Gas Forecast for New  
3 Mexico's San Juan Basin: Going, Going," and this  
4 is -- a "BLM report offers mixed outlook for oil and  
5 gas production" in this area. And he predicted  
6 that --

7 Or, "The older report predicted 3,200 new  
8 oil and gas wells in the Bureau's Farmington  
9 Division area over 30 years in its baseline  
10 scenario. Records from the New Mexico Oil  
11 Conservation Division, which tracks all oil and gas  
12 development across the state, show 309 (sic) wells  
13 drilled from 2018 to present. Adding that number to  
14 the latest report's expected 1,200 new wells brings  
15 a total to 1,519 wells, less than half the number  
16 predicted seven years ago."

17 So -- and then, you know, now they're --  
18 there's talk of more L&G drilling in this area.  
19 So --

20 HEARING OFFICER ORTH: Okay. Please  
21 wrap up.

22 ELEANOR SMITH: Okay. And so those  
23 are the main points I wanted to make. Thank you.

24 HEARING OFFICER ORTH: Thank you very  
25 much, Ms. Smith.

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Examination by Mr. Tisdel

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1           Is there anyone else on the platform who  
2       would like to offer public comment during this  
3       session? Our next session will be tomorrow morning  
4       at 9:00.

5           Anyone else? Raise your virtual hand or  
6       press star-5 to raise your hand if you're on the  
7       platform.

8           No. All right. Thank you very much. We  
9       will return to the technical case.

10          And, Mr. Tisdel, you indicated you had  
11       questions of Mr. Garcia.

12                 MR. TISDEL: Yes. Thank you, Madam  
13       Hearing Officer.

14                         EXAMINATION

15       BY MR. TISDEL:

16           Q. And thank you, Mr. Garcia, for hanging in  
17       there with us. I have just a few questions. My  
18       name is Kyle Tisdel. I'm an attorney with the  
19       Western Environmental Law Center and represent the  
20       applicants in this case.

21                 There's been some testimony and you've  
22       been asked some questions already about the 2024  
23       plugging data, and that had some three categories,  
24       right? OCD had plugged 100 wells, there were 129  
25       wells indicated as being forced plugged, and then

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1 773 wells that are non-orphan, and those wells are,  
2 I guess, plugged by operators; is that correct?

3 A. Correct.

4 Q. That makes fairly easy math, about 1,000  
5 wells. So even as an attorney, I don't know that I  
6 can screw that up too much, but if I do, please  
7 correct me.

8 It sounded from your earlier testimony  
9 that the forced plugging -- or the forced plugged  
10 category was sort of a gray area. And that involved  
11 third party plugging of those wells; is that right?

12 A. Correct. The third party plugging them  
13 kind of is a gray area on where those wells really  
14 fit.

15 Q. Yeah. Why might a third party be  
16 motivated to plug a different operator's well?

17 A. I'm not fully sure. All I know is the  
18 operators I've worked with on these pluggings have  
19 vastly different circumstances. So I'm not sure all  
20 the reasons behind it. I just know they seem to be  
21 broad.

22 Q. Do those third-party operators have any  
23 sort of predecessor relationship to that well at  
24 all? Any sort of historical linkage to operating  
25 that well?

1           A.       My understanding is the Land Office or BLM  
2       have made that connection somehow, and that's why  
3       the third-party operator is being discussed. Some  
4       operators have told me it's just part of their lease  
5       agreements. If they want to, you know, pursue other  
6       leases, that it's part of obtaining leases. I'm not  
7       an expert in that. That's just kind of what they  
8       told me in, you know, meetings about getting the  
9       sundries approved.

10          Q.       Okay. That's fair enough. Thank you. Is  
11       it -- is it the State Land Office or OCD that is  
12       reaching out to those third parties or are those  
13       third parties availing themselves of the state  
14       agencies?

15          A.       Not fully sure. OCD has never reached out  
16       to a third party, to my knowledge, to ask them to  
17       plug a well that they're not the operator of record  
18       for. I'm not sure of State Land Office or BLM's  
19       processes in going about that.

20          Q.       Okay. But it's clear from at least the  
21       2024 data, that 773 of -- or approximately  
22       77 percent, I guess, of the 1,000 wells that were  
23       plugged in 2024, those were from operators, correct?

24          A.       Correct.

25          Q.       And the OCD plugged 100 of those, or

1 10 percent of those wells, correct?

2 A. Correct.

3 Q. And then roughly 13 percent are in this  
4 funny forced well category, correct?

5 A. Correct.

6 Q. And I heard you say that you were  
7 available for listening to the testimony, the prior  
8 testimony in this case, for some of it, but not all  
9 of it; is that correct?

10 A. Correct. I tried my best to be on, but  
11 we've had other items arise in the background.

12 Q. Fair enough. Were you around for any of  
13 the testimony that regarded the percentage of  
14 orphaned wells or the -- strike that.

15 Have you been around for any of the  
16 testimony that spoke about the percentage of wells  
17 plugged being done by operators versus OCD in this  
18 case?

19 A. Not entirely.

20 MR. HALL: Madam Hearing Officer,  
21 this is beyond the scope of direct or any cross, so  
22 I object.

23 HEARING OFFICER ORTH: Let's see.  
24 Mr. Tisdel?

25 MR. TISDEL: Yeah, I mean, it's going

Examination by Mr. Tisdel

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1 to go directly to the 2024 statistics that  
2 Mr. Garcia has provided for in his direct testimony,  
3 as well as testified to today.

4 HEARING OFFICER ORTH: All right.  
5 Keep going.

6 A. So I can proceed with an answer?

7 Q (By Mr. Tisdel) You may, yes. Thank you,  
8 Mr. Garcia.

9 A. I will say I cannot say I've been around  
10 for all parties' testimony. The only one I can say  
11 I heard all testimony was Loren today, prior to me,  
12 Mr. Diede. I heard his entire testimony and the  
13 questions associated with it, but I cannot say I  
14 heard any applicant's or any parties' opening.

15 Q. Okay. Fair enough. But at least in 2024,  
16 approximately 77 percent of the wells plugged in the  
17 state were done by operators, correct?

18 A. Correct.

19 Q. And you also testified earlier about the  
20 Master Orphan Spreadsheet, and that's a fairly new  
21 spreadsheet that the -- that the Division has put  
22 together, correct?

23 A. Correct.

24 Q. And how did you track orphan wells prior  
25 to the advent of that spreadsheet?

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1           A.       I gave the answer to Mr. Rankin. I would  
2 have to defer to probably Brandon. Prior to that  
3 Excel sheet, I wasn't involved in the project too  
4 much. Me and the Excel sheet kind of came in  
5 together, I would say. So it's been my incentive to  
6 track it through MOS.

7           Q.       And is it -- has that spreadsheet just not  
8 been around long enough for you to track any -- I  
9 know you said earlier that that spreadsheet is a  
10 living document, right? So information's being  
11 added to that on a daily basis.

12                   Has that -- over the course of that  
13 spreadsheet being in place, have you been able to  
14 discern any trends with the rate of orphaned wells  
15 in the state?

16           A.       I don't think I've tied the Excel sheet to  
17 any trend or used it to track any trends. More just  
18 to ensure that our sundries are getting entered and  
19 our plugging dates are being entered on the  
20 engineering side.

21           Q.       Okay. Thank you, Mr. Garcia. One last  
22 question, and I don't want to belabor the point on  
23 Exhibit 16 at all, but the distinction between  
24 pulling the data with the word "or" or "and," you  
25 pulling it with "or" gave you a broader sample of

Examination by Commissioner Ampomah

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1 the impact of the number of marginal wells that  
2 would be included; is that correct?

3 A. Correct.

4 Q. And so that would suggest a broader impact  
5 on industry than perhaps the wording if you were to  
6 use "and"; is that correct?

7 A. I would agree with that, yes.

8 MR. TISDEL: No further questions.

9 HEARING OFFICER ORTH: All right.

10 Thank you, Mr. Tisdell.

11 Mr. Tremaine, do you have any redirect?

12 MR. HALL: No, Madame Hearing  
13 Officer.

14 HEARING OFFICER ORTH: Mr. Hall. I'm  
15 sorry.

16 MR. HALL: It's okay. I knew what  
17 you meant. He's the boss.

18 HEARING OFFICER ORTH: Thank you.

19 Commissioner Ampomah, do you have any  
20 questions for Mr. Garcia?

21 EXAMINATION

22 BY COMMISSIONER AMPOMAH:

23 Q. Mr. Garcia, good afternoon.

24 A. Good afternoon.

25 Q. Thank you for your testimony. You know, I

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1 don't have a lot of questions for you, but, you  
2 know, I'll ask you: Based on your direct and then  
3 also all the discussions that we've had, would you  
4 like to change your testimony, especially on page --  
5 on Exhibit 1, 004, the lines that was read which  
6 would start from line number 12 to line number 15?

7 A. One second while I'm pulling that up.

8 Are we discussing the definition of the  
9 petition and the Excel code? Is that what we're  
10 looking at?

11 Q. Yeah. So starting from line 4, you said:  
12 Looking at the data from 2024, it shows that based  
13 on the petition -- based on the petition, that the  
14 petitioner is seeking that the Commission should  
15 enact OCD would have 33,221 wells deemed productive,  
16 so that whole sentence up until no beneficial use.

17 Based on your explanations, would you want  
18 to, more or less, amend this testimony?

19 A. I don't know if I would amend it with  
20 actual numbers. I will say the testimony is still  
21 accurate with the mentality of the "or." I know we  
22 discussed that extensively today.

23 My overall comment would remain. If it's  
24 meant to be "and," these numbers would probably be  
25 less included, there would be less marginal wells,

1 less inactive wells. It would probably show less  
2 data that would affect industry with this proposed  
3 rule. As far as the exact numbers, I would have to  
4 run code or relook at the code.

5 Q. So, you know, this information is very  
6 important to the Commission, because -- so when we  
7 go back to your slides, number 4, you know, for the  
8 Commission, we want to know how many wells are  
9 really going to be impacted, at least from OCD's  
10 perspective. You know, we've listened to the -- to  
11 the applicant, and we do have a fair idea as to some  
12 of the numbers.

13 But what you're showing here is, more or  
14 less, extremely higher than what even the applicant  
15 is showing. And you're saying that you don't  
16 necessarily have to make any amendments to your  
17 statement.

18 A. Yeah, I mean, I more than can make changes  
19 to code if the Commission would like to see it. I  
20 would say -- I hate to defer a commissioner's  
21 question, but I believe Brandon will testify to our  
22 overall view. And our view of the rule has changed  
23 potentially in his testimony, I believe, and I think  
24 he would have better answers for that.

25 Q. So deputy director will give us how many

1 wells specifically that will be impacted by the  
2 petitioner's case; is that correct?

3 A. I can't say for certain he will have a  
4 well count, but I can rerun the well counts if the  
5 Commission would like to see them.

6 MR. HALL: Commissioner, Mr. Garcia  
7 can't answer that for his boss, but I can proffer  
8 that we can make that available to the Commission.

9 COMMISSIONER AMPOMAH: I appreciate  
10 it. Thank you for the clarification. I appreciate  
11 that.

12 Q (By Commissioner Ampomah) So let's go to  
13 slide number 7. Let's go to slide number 9, slide  
14 number 9 instead.

15 So on slide number 9, you're showing, you  
16 know, the Rock Queen's Unit Number 043. And based  
17 on what we are seeing, it sounds like this well went  
18 down between 2002 and then came back in 2008.

19 Will this production profile support what  
20 we are discussing about some kind of a discretion --  
21 OCD having some kind of discretion and some  
22 flexibility in categorizing these wells?

23 A. I guess to clarify, too, we're talking  
24 about the Rock Queen because it has low production  
25 from 2000 to 2009 approximately.

1           As far as does it -- the OCD's discretion  
2     on the categories, I think it's hard for us to  
3     justify all wells in any category. Each well is a  
4     unique situation, and wells change. So they would  
5     routinely be changing the categories. In my  
6     understanding, the categories aren't set in stone.  
7     So as this well's production changed, the well's  
8     categories would also change with it.

9           Does that help answer your question? I'm  
10    not sure if I actually got it.

11       Q.     Yeah. So you deal with a lot with the  
12    data. So the direct question that I have is: Would  
13    you support any sections to some of the work  
14    categories as presented by the petitioner?

15       A.     I don't know if I have an overall view on  
16    the exact categories that have been provided.  
17    Really, this was just to kind of show that wells  
18    have a changing life, an evolving life for BOEs and  
19    day counts. I haven't testified anything about, I  
20    guess, my opinions on the categories directly.

21           Are you asking me if I have an opinion on  
22    the categories?

23       Q.     No. I'm going to save my questions for  
24    deputy director.

25           COMMISSIONER AMPOMAH: So thank you

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1 so much, Mr. Garcia, for your testimony and do  
2 appreciate your presence. Thank you.

3 JOHN GARCIA: Thank you.

4 HEARING OFFICER ORTH: Thank you.

5 Commissioner Bloom, do you have questions  
6 of Mr. Garcia?

7 COMMISSIONER BLOOM: Thank you,  
8 Madame Hearing Examiner. No, I believe we've  
9 covered pretty well the issues with the Master  
10 Orphan Spreadsheet. Looks like it was -- the effect  
11 would be overexaggerated by using "or" instead of  
12 "and." I think this has been covered sufficiently  
13 today. And, you know, I have a good feel for what's  
14 happening there.

15 So I have no questions.

16 Thank you, Mr. Garcia.

17 JOHN GARCIA: Thank you.

18 HEARING OFFICER ORTH: Thank you.

19 Chair Chang, do you have questions of  
20 Mr. Garcia?

21 CHAIR CHANG: I do not.

22 HEARING OFFICER ORTH: All righty.  
23 We are at about quarter of 5:00. I trust that our  
24 next witness, let's see, is Ms. Romero. Is that  
25 true?

1 MR. TREMAINE: Yes, Madam Hearing  
2 Officer. Ms. Romero's direct I anticipate to take  
3 in excess of 30 minutes.

4 HEARING OFFICER ORTH: Okay. Let's  
5 do that tomorrow morning, then.

6 MR. TREMAINE: That sounds great.

7 HEARING OFFICER ORTH: We'll take  
8 public comment at 9:00 and go to Ms. Romero.

9 Is there anything else we can talk about  
10 while we're together?

11 MR. CLOUTIER: Sorry, Madam Hearing  
12 Officer, I think Mr. Rankin correctly raised the  
13 issue of Mr. Powell. I don't know what else, but I  
14 think -- let's just say I think some issues have  
15 been kicked to Mr. Powell that appeared from written  
16 direct testimony other witnesses were going to  
17 handle. So I think on behalf of IPANM, at least,  
18 I'm going to be asking that you consider more cross  
19 time for Mr. Powell because he's going to be  
20 carrying a lot more water than we thought.

21 HEARING OFFICER ORTH: All right.  
22 Perhaps return to the hour originally proposed for  
23 every witness?

24 MR. CLOUTIER: That would be  
25 sufficient for us. Thank you, Your Honor.

1 HEARING OFFICER ORTH: All right.

2 Mr. Tremaine?

3 MR. TREMAINE: I'm not sure what to  
4 say. I think if anyone's surprised that high level  
5 policy and implementation questions go to the deputy  
6 director, not lower technical staff, that takes me  
7 out of stride. I'm not sure how to respond to that.

8 There's any number of questions I'd like  
9 to ask regarding data from petition opponents, put  
10 the incident data into the record. So I have to  
11 define my cross to what's in the record within the  
12 time allotted. So my position is that they need to  
13 conform with the agreed order.

14 HEARING OFFICER ORTH: All right. So  
15 Ms. . . .

16 CHAIR CHANG: Madam Hearing Officer,  
17 I think if we are observing a concerted effort to be  
18 concise and brief, then -- and there really is --  
19 when parties one at a time, that they really are  
20 substantial questions left and parties have made a  
21 concerted effort to be concise and brief, we might  
22 be able to revisit the issue then. But I would hate  
23 to extend time if people end up just asking  
24 repetitive questions over and over. So perhaps you  
25 can reserve that and just see how we get.

1 MR. CLOUTIER: I appreciate that,  
2 Chair Chang, and the -- Mr. Suazo, Mr. Rankin, and I  
3 have been trying to coordinate our questioning so  
4 that one of us is not reploting the ground of  
5 another. I think there have been some -- a few  
6 clarification questions, but we will try and  
7 coordinate on that and see where we are.

8 HEARING OFFICER ORTH: All right.  
9 Thank you all very much. See you tomorrow at 9:00.

10 (The proceedings concluded at 4:49 p.m.)  
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Examination by Commissioner Ampomah

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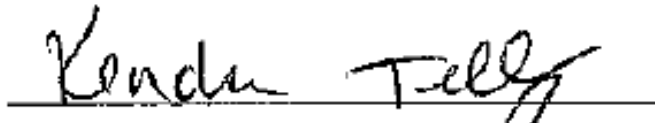
AFFIRMATION OF COMPLETION OF TRANSCRIPT

I, Kendra D. Tellez, DO HEREBY CERTIFY that on the 23rd day of October, 2025, a hearing of the New Mexico Oil Conservation Commission was taken before me via video conference.

I FURTHER AFFIRM that I did report in stenographic shorthand the proceedings as set forth herein, and the foregoing is a true and correct transcript of the proceedings to the best of my ability.

I FURTHER affirm that I am neither employed by nor related to any of the parties or attorneys in this case, and that I have no interest in the final disposition of this case in any court.

November 6, 2025

A handwritten signature in black ink, reading "Kendra Tellez", is written over a horizontal line.

KENDRA D. TELLEZ

Veritext Legal Solutions

[& - 15,250]

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[illustrate - increasing]

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[rosa - saying]

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[sayre - seeks]

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