1	STATE OF NEW MEXICO
2	ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
3	OIL CONSERVATION DIVISION
4	IN THE MATTER OF THE HEARING)
5 6	CALLED BY THE OIL CONSERVATION) DIVISION FOR THE PURPOSE OF) CONSIDERING:)
7 8 9) CASE NOS. 10274, 10275 APPLICATION OF MARALEX RESOURCES,) 10276 (Consolidated) INC., FOR COMPULSORY POOLING,) SAN JUAN COUNTY, NEW MEXICO)
10	REPORTER'S TRANSCRIPT OF PROCEEDINGS
1	EXAMINER HEARING
12	BEFORE: MICHAEL E. STOGNER, Hearing Examiner
13 14 15	March 21, 1991 2:05 p.m. Santa Fe, New Mexico
L6	This matter came on for hearing before the Oil
17	Conservation Division on March 21, 1991, at 2:05 p.m.
L 8	at Oil Conservation Division Conference Room, State Land
9	Office Building, 310 Old Santa Fe Trail, Santa Fe, New
30	Mexico, before Paula Wegeforth, Certified Court Reporter
21	No. 264, for the State of New Mexico.
22	
23	
24 25	FOR: OIL CONSERVATION BY: PAULA WEGEFORTH DIVISION Certified Court Reporter CSR No. 264

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2 APPEARANCES

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IN PROPRIA PERSONA: MR. AND MRS. NORMAN GILBRETH

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1 EXAMINER STOGNER: Call next cases, Consolidated 2 10274, 10275 and 10276. 3 MR. STOVALL: The cases are consolidated at the 4 request of the application, and they are the applications 5 of Maralex Resources, Inc., for compulsory pooling in 6 San Juan County, New Mexico. 7 EXAMINER STOGNER: Call for appearances. 8 MR. BRUCE: Mr. Examiner, Jim Bruce from the Hinkle 9 law firm, representing the applicant. I have two witnesses 10 to be sworn. EXAMINER STOGNER: Any other appearances? 11 MR. KELLAHIN: Mr. Examiner, I'm Tom Kellahin of the 12 Santa Fe law firm of Kellahin, Kellahin & Aubrey. 13 appearing on behalf of Elliott A. Riggs in Case No. 10274. 14 15 MRS. GILBRETH: Norman should be here. 16 MR. STOVALL: Why don't you go ahead and just enter 17 his -- just state what you --MRS. GILBRETH: All right. It will be for the last 18 19 two with -- the numbers are there. 20 MR. BRUCE: 10275 and 10276. MRS. GILBRETH: Norman Gilbreth, G-i-l-b-r-e-t-h. 21 22 MR. STOVALL: He is appearing on his own behalf with 23 respect to his own interest. 24 MRS. GILBRETH: Yes. 25 MR. STOVALL: His and yours, that is.

1	MRS. GILBRETH: Yes.
2	EXAMINER STOGNER: Are there any other appearances?
3	Mr. Kellahin, do you have any witnesses?
4	MR. KELLAHIN: No, sir.
5	(Whereupon the witnesses were duly sworn.)
6	EXAMINER STOGNER: Mr. Bruce.
7	Mr. Kellahin, is there any need for opening remarks or
8	should we just
9	MR. KELLAHIN: Jump in.
10	EXAMINER STOGNER: jump in?
11	MR. BRUCE: Just plunge ahead.
12	EXAMINER STOGNER: Okay. We'll plunge ahead.
13	Mr. Bruce.
14	JENNIFER RITCHER,
15	the Witness herein, having been first duly sworn, was
16	examined and testified as follows:
17	DIRECT EXAMINATION
18	BY MR. BRUCE:
19	Q. Will you please state your name for the record?
20	A. My name is Jennifer Ritcher.
21	Q. And what is your occupation?
22	A. I'm a petroleum landman.
23	Q. Where do you reside?
24	A. I reside in Denver, Colorado.
25	Q. And who do you work for?

- 1 A. Maralex Resources.
- Q. Have you previously testified before the OCD as a petroleum landman?
 - A. No.

- Q. Would you please briefly outline your educational and professional background?
- A. I attended the University of Colorado at Denver and received a bachelor's degree in minerals land management in 1980. Shortly thereafter I worked for Santa Fe Energy Company as a landman for five years. After Santa Fe, I worked for National Cooperative Refinery Association as a landman for five years, and most recently I am working as a landman for Maralex Resources. I've been with Maralex for two months.
- Q. Are you familiar with the land matters involved in these three cases?
- 17 A. Yes.
 - MR. BRUCE: Mr. Examiner, I tender the witness as an expert landman.
- 20 EXAMINER STOGNER: She is so qualified.
 - Q. (By Mr. Bruce) Briefly, Miss Ritcher, could you state what Maralex seeks in each case?
 - A. Maralex seeks orders pooling all mineral interests in the Basin Fruitland Coal Gas Pool for three different proposed wells. In Case No. 10274 we seek to

- pool all interests in Lots 1, 2, the east half of the northeast quarter and the northeast quarter of Section 18, Township 30 north, Range 11 west.
 - In Case No. 10275 we seek to pool all interests in Lots 1, 2, the east half of the northeast quarter and the northeast quarter of Section 19, Township 30 north, Range 11 west.
- 8 MR. STOVALL: Can we stop and check these 9 descriptions, checking against this?
- 10 MR. BRUCE: Sure.

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- MR. STOVALL: I'm not sure. One of us may be reading them incorrectly.
- Let's go back to case 10274. What are you seeking to force pool?
 - THE WITNESS: Okay. That would be Lots 1 and 2, which is the west half of the northeast quarter. Also the east half of the northeast quarter.
 - MR. BRUCE: That should be north --
- MR. STOVALL: All right. This is advertised as Lots 1 and 2, northeast quarter and east half northwest quarter.
- 21 THE WITNESS: Oh, okay.
 - Q. (By Mr.Bruce) Lots 1 and 2 would be the west half of the northwest quarter, would they not?
 - A. Yes, that's right.
- 25 Q. And then plus the east half of the northwest

1 quarter? 2 Α. Uh-huh. 3 MR. STOVALL: Plus the northeast quarter? THE WITNESS: Right. Right. 4 5 MR. STOVALL: Correct? THE WITNESS: Yeah, I see what you're saying. Okay. 6 7 Okay. Are we -- so do we need to -- you've got 8 10275. MR. STOVALL: I think 10274 is okay. 9 That's 10 Section 18. THE WITNESS: Okay. Yeah. 10275, which is basically 11 the north half of Section 19, 30 north, 11 west; and 10276, 12 which is the east half of Section 24, Township 30 north, 13 14 Range 12 west, San Juan County, New Mexico. (By Mr. Bruce) And now would you please refer 15 0. to Exhibits 1-A through 1-C -- let's take 1-A first of 16 all -- and would you please briefly describe that for the 17 18 examiner? Exhibit 1-A is a land plat showing the ownership 19 Α. in the north half of Section 18. It shows the proposed 20 21 location of the well and the proposed spacing unit along 22 with the ownership within the spacing unit. 23 And this would be for case 10274; is that Q. 24 correct?

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Α.

Correct.

- Q. And this little dot in the southwest quarter of the -- or, excuse me. In the northeast quarter of the northeast quarter there's a little circle. Would that indicate the existing well on that unit?
 - A. Yes.

- O. Let's move on to Exhibit 1-B, then.
- A. Okay. Exhibit 1-B is a land plat, again showing the proposed location, located approximately in the southeast of the northeast quarter of Section 19. It shows the 320-acre units to be pooled and again the ownership within that unit for Section 19 in the north half, Case No. 10275.
- Q. And then move on to Exhibit 1-C and describe that for the examiner.
- A. Exhibit 1-C is a land plat, again showing the proposed spacing unit for the well. The well is located in the southeast of the northeast quarter of Section 24.

This map also shows ownership -- working interest ownership within the spacing unit covering the east half of Section 24. This is Case 10276.

Q. Now, regarding case 10274, north half of Section 18, would you please refer to Exhibit 2 and identify the interest owners again in the north half of Section 18 whom you seek to force pool and what the status briefly of your negotiations with those interest owners

1 are.

- A. Okay. If you will take Exhibit 2 -- and I'm going to use that also to discuss Exhibit 3.
 - Q. Okay. Then also refer to Exhibit 3, then.
- A. Exhibit 3 is a packet of correspondence that has been sent to all the owners in the north half of 18.

Exhibit 2 lists the parties that we wish to force pool in the north half of 18, along with the current status of our negotiations with these parties.

Beginning at the top of Exhibit 2 -- and then if you want to refer to Exhibit 3, they are in order according to the parties listed in 2, Exhibit 2. And they are also -- if there's -- if there's been several letters sent to these parties, the most recent correspondence is found on the top.

So beginning with the Seventh Day Adventist letter right on top, dated February 21st, prior to that correspondence, we've made numerous telephone calls to them requesting that they lease to Maralex. To date we have not received a response.

Jay Burnham, which is the second party we wish to force pool, second letter, February 6th, again numerous phone conversations with Mr. Burnham, and their most recent correspondence was February 6th, and to date no response.

Vern A. Oertle estate has agreed to farm out to

- Maralex, so we do not -- we're not including them in the forced pooling.
 - C.B. Martin, care of Bernice Martin Taylor: A letter was sent May 23rd, 1990. This was a proposal requesting that they either farm out, participate or sell their interest in the proposed spacing unit, and to date we have received no response.

The Luke House estate: We have been unable to find an address for him. We sent notification to Luke House previously, and this was submitted under the prior spacing application, which was Order No. 9356.

- Q. Let's stop for a minute at that.
- You refer to Order R-9356. Was that a forced pooling order?
- 15 A. Yes, it was.

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- 16 Q. Did that apply to the north half of Section 18?
- 17 A. Yes, it did.
 - Q. Has the time expired under which to drill a well under that order?
 - A. Yes, it has.
 - Q. Are there any other reasons why you seek to reforce pool this north half of Section 18?
 - A. Yes. From the time that the original order was given, Maralex has secured a title opinion in preparation for drilling the well. We determined from the title

opinion that there were some owners we didn't know about the first forced pooling, and also there were some parties that showed up that we thought originally had an interest but now we don't think do have an interest. Therefore, we wanted to include everyone in the forced pooling.

Q. Okay. Go ahead with your comments.

A. So Luke House was previously furnished as an Exhibit for Order No. R-9356. He was -- we sent the same proposal that we had sent to Bernice Martin Taylor: to either farm out, participate or sell their interest. However, it was delivered -- it was undeliverable. So we have no current address for Luke House.

Henry and Mary Lund: Same situation as Luke House: sent a letter to them and it was returned as undeliverable.

Mary B. Taylor Hunt: She was originally sent the letter that we sent to everyone back in May of '90, and she agreed to sell her interest. However, to date we have not received an assignment from her. Therefore we include her in our application for the forced pooling.

Meridian Oil: We've sent several letters to Meridian and we've had numerous telephone conversations with Meridian, and Meridian advises us that they are waiting on a management decision, so we don't have an answer from them yet.

And Meridian falls not only in this one but also in the other two cases.

C and E Operators, which is W.P. Carr, et al.:
Basically they will do whatever Meridian does, so once we
get an answer from Meridian, we hope to get an answer from
Carr, et al. But to date we have not -- we don't have any
kind of a response.

John Richardson: That interest we think they will possibly farm out to Maralex.

- Q. But at this point they have not?
- A. Yes. At this point it's not firm, and that's why we included that in our pooling.

Elliott Riggs: When we originally proposed the pooling under the previous order, we believed that Elliott Riggs had an interest in the Fruitland formation. Once we secured our title opinion, we found that he did not appear of record in the Fruitland. We sent notification to him anyway because we had some doubt because he claimed he had received an interest through someone. However, this Dolores Baxter is also a stranger to title.

- Q. Dolores Baxter is the person he claims to claim an interest from?
 - A. Yes. And she is also stranger to our title.
- Q. And just a second on that. Referring back to Exhibit 1-A, I notice at the bottom a listing of a certain

tract in this northeast quarter. It lists a number of undetermined owners, does it not?

A. Yes.

- Q. And it's really going to take a lot of title curative work to figure out who those people are?
- A. Yes. Yes. The title is quite complex. It's old. These people acquired their interest in the '60s, and many of them are deceased. Therefore, it's been quite -- quite an onerous task to try and determine ownership.

We've got 19 percent out of a 40-acre tract that we really aren't sure as of this point who owns that. We believe possibly it may be some of that is Elliott Riggs, but we do not know for sure.

- Q. Okay. Go ahead with the rest of your comments.
- 15 A. Okay. That's it in the north half of Section 18 --
 - Q. Okay.
 - A. -- as far as contacts, the correspondence, the status.
 - Q. Now, referring to case 10275, the north half of Section 19, would you please refer to Exhibits 4 and 6?

 And now, Exhibits 4 and 6 refer to case 10275,
- do they not?
- A. Yes, they do.
 - Q. Would you please identify those for the examiner

- and go through them like you just did for the prior two exhibits?
 - A. Okay. Exhibit 4, El Paso: Again, care of Meridian; waiting on management. Same correspondence that you previously reviewed applies to this case.

Caprock Energy has agreed to farm out to Maralex.

Norman L. Gilbreth has agreed to farm out to Maralex.

Koch Exploration Company: They told us that they would not sell and that they would not farm out but they might participate, but to date no response, no final response.

Snyder Operating: We believe they might possibly sell. They only own one acre.

Thomas and Donita Fisher are currently unleased. We have a lease offer out to Thomas Fisher.

And the last three parties were included because their oil and gas leases do not contain pooling clauses.

They do not have a working interest in the unit, per se.

- Q. And that's Exhibit 4, and Exhibit 6 is a copy of all the correspondence regarding these interest owners?
 - A. Yes, it is.
- Q. And one thing I might ask you: Regarding Caprock Energy, were papers signed today with Caprock

1 | regarding a farm out in this?

- A. Yes, they were.
- Q. Then please refer to Exhibits 5 and 7. These exhibits, 5 and 7, apply to case 10276, do they not?
- A. Yes, they do.

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- Q. Would you please go through them for the examiner?
- A. Norman L. Gilbreth has agreed to farm out to
 Maralex.

Southland Royalty and El Paso Production Company: Again waiting on their management's decision.

Glen Dial, Jr.: We have sent a letter to him requesting that he farm out or participate or sell or whatever, and it's been returned as undeliverable.

Enid Neibaur Price: We can't even find an address for her. We can't even locate her. We've made numerous attempts to locate Enid or her heirs and have been unsuccessful, and that's outlined in this affidavit.

- Q. That's Exhibit 7?
- A. Uh-huh.
 - Q. The first page of Exhibit 7?
- A. Exhibit 7. And Denver and Rio Grande Western Railroad: They have verbally agreed to lease to us. We plan on closing tomorrow.
- 25 Q. Okay.

- 1 A. And that's it.
- Q. Does Maralex request that it be named operators
- 3 of the three wells?
- 4 A. Yes.
- Q. Were all interested parties notified of these three hearings?
- 7 A. Yes, they were.
- Q. Referring to Exhibit 8, is that the notice letter and return receipts for Case 10274?
- 10 A. Yes, it is.
- Q. And then we have an exhibit. It's marked 9 and 10, and that's a copy of a letter. Could you describe what that is, please?
- 14 A. Yes. This is the same notification as for the previous case only we included these two as one.
 - O. And that would be for Cases 10275 and 10276?
- 17 A. Yes.

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- Q. And were Exhibits 1 through 10 prepared by you, under your direction or compiled from company records?
- 20 A. Yes.
- Q. And in your opinion is the granting of this
 application in the interest of conservation, the prevention
 of waste and the protection of correlative rights?
- 24 A. Yes.
- 25 Q. And will the next witness testify as to penalty

1 and production for nonconsenting interest owners? 2 Α. Yes. 3 MR. BRUCE: Mr. Examiner, at this time I move the admission of Exhibits 1 through 10. 4 5 EXAMINER STOGNER: Are there any objections? 6 MR. KELLAHIN: No objection. 7 MR. STOVALL: Is the next witness also going to cover 8 operating overhead and --9 MR. BRUCE: Yes. 10 MR. STOVALL: -- all those nasty little details that go along with forced pooling cases? 11 12 MR. BRUCE: Yes sir. Yes. 13 MR. STOVALL: Okay. Do we have originals on your 14 certificates of mailing for any or all of these cases? 15 THE WITNESS: Yes, I do. I can give those to you. 16 MR. STOVALL: Okay. I'd want to get those. I'd like 17 to have those. 18 MR. BRUCE: After -- there might been a few questions 19 after she gets excused. Maybe she can put them together. 20 MR. STOVALL: That would be a good idea. EXAMINER STOGNER: Are there any objections to 21 22 Exhibits 1 through 10? 23 MR. KELLAHIN: No objection. 24 EXAMINER STOGNER: Exhibits 1 through 10 will be 25 admitted into evidence at this time.

(Whereupon Applicant's Exhibits 1 through 10 were 1 2 admitted into evidence.) Mr. Kellahin, I'll open the witness up to you for 3 4 10274. 5 CROSS-EXAMINATION BY MR. KELLAHIN: 6 7 Miss Ritcher, let me have you go back to your Q. 8 Exhibit 1-A, which is the plat showing the different tracts in the north half of 18. 9 10 Α. Yes. 11 Q. Do you have that? 12 Α. Yes, I do. 13 Q. The northwest of the northwest is lot 1? 14 I'm trying to identify the description in the docket with the plat. 15 Yes. The northwest-northwest is Lot 1, and then 16 Α. the southwest of the northwest is Lot 2. 17 18 Looking at the northeast quarter, you see the 0. northeast of the northeast, and there's a portion of that 19 tract that's south of the Animas River. 20 21 Α. Yes. 22 0. Am I correct in understanding that that is 23 Seventh Day Adventist acreage? 24 Α. Yes. Your client is seeking the choice of reentering 25

Q.

- the -- was it Brimhall well? There's a Brimhall. It's called the --
- A. Yes. Yes, it's the Brimhall. Yes, the Brimhall
 No. 1.
 - Q. The Brimhall No. 1 well, and it's located in the southwest of the northeast -- well, it's in the northeast quarter and it's in the northeast of the northeast, right?

 It says 45 acres and there's a circle.
 - A. Right. Right.
 - Q. That's the approximate location of the Brimhall well, isn't it?
 - A. Uh-huh.

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- Q. What's the status of that well at this point?

 Do you know?
- 15 A. I think the next witness would be perhaps better prepared to answer that.
 - Q. From a land perspective, have you examined as a landman the ownership of that well bore?
- 19 A. Yes, I have.
 - Q. Where does the ownership of that well bore lie at this point?
- A. The ownership of that well bore, we believe, lies with the surface owner.
 - Q. Why do you reach that conclusion?
- 25 A. Because this well -- and I don't know the exact

- dates. Mr. O'Hare would be better prepared to answer this,
- 2 but this well has not produced since -- for many, many
- 3 years.
- Q. The OCD well file shows a gas disconnection
- 5 | certificate for the Pictured Cliffs formation in that well
- 6 in 1988, I believe.
- 7 Do you have any information about a gas
- 8 disconnect notice on that well?
- 9 A. I don't, no.
- Q. Do you know whether or not the that well has
- 11 been plugged and abandoned?
- 12 A. It has not, to my knowledge.
- Q. Give me again now your explanation why you
- believe the ownership of that well bore now lies with the
- 15 surface owner.
- 16 A. Because the well has not produced for some time,
- 17 and therefore the leases that were previously held by that
- well have expired due to nonproduction and --
- 19 Q. Have you examined to seek whether or not there
- 20 | were any shut-in gas royalties paid to any of the lessors
- 21 | that had well -- had leases being held by production from
- 22 | that well?
- A. We have in some cases, yes.
- 24 Q. Do you know if they were paid or not?
- 25 A. I don't believe they were.

- Q. Which of the wells in -- which of the leases in your opinion have expired for lack of production from the Brimhall well?
 - A. The tract that is listed Seventh Day Adventist Association of Colorado that we show unleased. We believe that that expired due to nonproduction.
 - Q. Had the status of the well not been -- well, if that lease had not been held by the Brimhall well, then there was no other way to perpetuate that lease?
 - A. Right. That lease only contained acreage within the spacing unit for that well.
 - Q. Which would have been the 160 acres, approximately, in the northeast quarter of this section?
 - A. Right. Right. We don't believe it was held by any other production.
 - Q. And your examination shows that the Seventh Day Adventists have not issued another lease to anyone else?
 - A. Correct. It's unleased, as far as we know.
 - Q. When we go to the next lease, which shows Maralex Resources in 26 acres, a hundred percent --
 - A. Uh-huh.

- Q. -- how do you reach that conclusion? Is that because of an expired lease?
 - A. Uh-huh. Uh-huh.
 - Q. That would have otherwise been held by the

- 1 Brimhall well that you now subsequently leased?
- 2 A. Right. Right.
 - Q. When we get to the Jay Burnham trust, that hundred percent, would that otherwise have been a lease held by the Brimhall well?
- 6 A. Yes.

- Q. And because of your position that that well has been abandoned, the lease expired?
- A. Yes.
 - Q. So each of those three leases were beyond their primary terms and being held by that well?
- A. Yes, way beyond.
- Q. And there were no other wells holding any of the acreage in any of those leases?
- 15 A. No.
 - Q. Does that also hold true for the 40 acres in the southwest of the northeast?
 - A. No. The southwest of the northeast quarter -that lease also had acreage in another spacing unit for
 another well, so therefore that 40 acres, we believe, is
 still held.
 - Q. Do you have a breakout of the working interest ownership under the assumption the Brimhall lease -- the well had not been abandoned and therefore those leases were still being held?

Is there -- do you have a compilation of what that working interest ownership would be?

- A. In the Brimhall well?
- Q. Yes.
- A. If it was all still held?
- 6 Q. Yes.

- A. Basically what we had at the prior hearing were pay sheets that were furnished from way back on that well, and that had some ownership for the well. But as far as our title goes, we don't have ownership down to the Pictured Cliffs. Our title covers just to the Fruitland.
- Q. Describe for me as best you can the differences, then, in the ownership you express to the Division in Case 10112, which was the prior pooling of the this acreage.

What ownership were you working off of to get the working interest to be pooled in the prior case?

- A. In the prior case was based on pay sheets, old pay sheets, that were furnished from the previous operator of the well, and it was before we had a drilling title opinion rendered, so this new title opinion brought to light many new owners.
- Q. What is your understanding of who the last operator of that Brimhall well was?
 - A. I believe it was -- I believe it was Keyes

1 Trust.

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- Q. Keyes Trust was acting as the operator of the well, as best you remember?
 - A. I believe, but again I think Mr. O'Hare might be better able to answer that.
 - Q. Based upon the title title opinion, you indicate that the breakout for this case -- now you believe in the Fruitland Coal Mr. Riggs has a 1.48272 percent interest, as shown on your Exhibit No. 2?
 - A. I'm not certain that he owns that. He believes that he got his interest from someone named Dolores Baxter. Dolores Baxter does not show up in our title opinion, so she's a stranger to title.
 - Q. I misread the display; I'm sorry. The title opinion shows no interest in Mr. Riggs in the coal --
- 16 A. Right.
- 17 Q. -- for the north half?
- 18 A. In the Fruitland Coal, right.
- Q. Do you have a copy of the title opinion
- 20 available?
- 21 A. I do, yes.
- 22 Q. Might I look at that?
- 23 A. Sure.
- MR. KELLAHIN: I'll pass the witness. Thank you,
- 25 Mr. Examiner.

MR. STOVALL: Mr. Examiner, for the sake of keeping order, I suggest that we examine this witness if we have any questions in 10274 before we go on and do 10275 and 10276. I think we have separate cases on these particular issues. EXAMINER STOGNER: Are there any other questions of

this witness pertaining to 10275 and 10276?

MR. STOVALL: I do have some in case 10274.

EXAMINER STOGNER: I'm sorry. I misunderstood you. Mr. Stovall.

EXAMINATION

BY MR. STOVALL:

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- You are of the opinion that the well bore is Q. owned by the Jay Burnham Trust, I guess; is that correct?
 - Jay Burnham Trust owns the minerals. Α.
- They own the minerals, not the surface? ο.
- Well, as far as surface ownership we think it's Α. Cleo Brimhall.
- Q. Do you have permission to enter to use the well bore? Have you made any efforts to purchase it from --
 - Α. Not yet.
- ο. So would it be correct to say that you really have no authority to use this well bore at this time, and so this application really seeks to force pool the interest for a well at a location to be approved, which could be the

1 | Brimhall well but may not be?

- A. Right. It could be a reentry of that well or a new well.
 - MR. BRUCE: I think, Mr. Stovall, I believe the application and the advertisement do state in the alternative.
 - MR. STOVALL: Actually, I wasn't terribly concerned about any advertising problems.
 - MR. BRUCE: I could make a comment, Mr. Stovall, regarding legal authority on ownership of well bores. I refer to Mr. -- one of Mr. Kellahin's victories in an IBLA decision with Penrock Oil Corporation, and there are some other IBLA decisions which state that under the proper circumstances, for instance, where a well is drilled and the lease expires, the well bore is owned by the surface owner.
 - MR. STOVALL: Well, I'm not so concerned about the location of the well from a legal and notice standpoint as long as we're talking an orthodox location.
 - MR. BRUCE: Yes, we're talking orthodox.
 - MR. STOVALL: I have two concerns. One directly related to this case is I don't want us to issue an order which would appear to give authority to enter a well bore which in fact you don't have the authority to enter.
 - MR. BRUCE: And we are not asking for such an order.

We do want authority to force pool people for a well at a 1 standard location, wherever that may be. 2 MR. STOVALL: Okay. Well, that solves that problem. 3 The other question, of course, is -- and it may 4 or may not affect Maralex -- is the question of 5 responsibility for plugging the existing well. 6 7 (By Mr. Stovall) Have you checked the records? Q. 8 Are you -- do you know -- Mr. Bruce, if you want to answer, 9 you can or we can wait for Mr. O'Hare -- but who is the operator of record on the Oil Conservation Division records 10 11 for this well? 12 MR. BRUCE: I believe Mr. O'Hare has checked. THE WITNESS: Yes, Mr. O'Hare --13 14 MR. STOVALL: Mr. O'Hare will answer that. Okay. There's also a bond issue obviously associated 15 with this as to responsibility for this well bore. 16 17 we've raised the issue about ownership and use of it, and I 18 think that raises those questions. I think that's all I have on -- let me back up. 19 (By Mr. Stovall) How long have you been working 20 0.

on this for Maralex, this project, either as an employee or contractor?

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It appears you did some work for them before you actually entered their employment; is that correct?

A. Yeah, I did. Right. It's been a year and

probably three months, two months.

- Q. And it appears to me that -- is it correct to say that your referred-to written communication with most of these interest owners took place back in the summer of 1990?
 - A. 1990, uh-huh.
- Q. Have you had conversations, telephone conversations, with most of the people?
- A. Uh-huh. Those that we could find -- those that we could locate and get phone numbers on we followed up with telephone conversations.
- Q. And this list which -- and we're just talking 274 right now -- is a status report as of now of whatever efforts you had to attempt to get control of those interests; isn't that correct?
 - A. Yes. Yes, it is.
- 17 MR. STOVALL: I have no further questions now in 274.

EXAMINER STOGNER: Staying on 10274, are there any other questions of this witness, Mr. Kellahin?

MR. KELLAHIN: I don't want to burden the record by suggesting we introduce the title opinions, but perhaps I can clarify some question with this witness.

FURTHER CROSS-EXAMINATION

- 24 BY MR. KELLAHIN:
 - Q. Were there any title requirements with regards

1 to the Brimhall well and its status in the title opinion?

A. Yes, there are. Yes.

- Q. Does the title examiner reach any conclusion about the status of the Brimhall well and whether or not it in fact no longer holds those prior leases?
- A. Yes, we did. We reached the conclusion that those leases were not held, and that is why we're attempting to secure new leases.
 - O. The title attorney reached that conclusion?
 - A. No. No. No.
 - Q. Oh, you reached that conclusion?
- A. Maralex reached that conclusion based on the requirements in that title opinion, based on satisfaction of the requirements in the title opinion, which were to check for production and check for shut-ins, that type of requirement.
- Q. And it's still your plan, then, to attempt to examine the Brimhall well as a possible way to utilize that well bore to enter the Fruitland Coal Gas Pool?
 - A. Yes.
 - MR. KELLAHIN: No further questions.
- 22 EXAMINER STOGNER: As far as 274, any more questions?
- 23 MR. STOVALL: I have a comment more than question.
 - At this point it appears -- well, let me ask one question.

FURTHER EXAMINATION

BY MR. STOVALL:

Q. Is it true that there are definitely some title questions with respect to the acreage to be dedicated to this well?

A. Yes. Yes.

MR. STOVALL: Mr. Bruce, I'm going to -- I would like to request that you submit in conjunction with the cards that either you or Miss Ritcher submit -- in conjunction with the service cards an affidavit of service identifying those parties who have been properly served, because I think this may be an appropriate order to identify those parties who are subject to the order so that there's no confusion as to the OCD attempting to make title determinations, but rather only identifying those parties subject to its jurisdiction for forced pooling purposes.

MR. BRUCE: Yes. And we -- one comment, Mr. Stovall: We've already discussed the possibility of potentially coming back and force pooling additional parties if others can be located, but I believe Maralex --

MR. STOVALL: I'm not so much worried about "located" as "identified."

MR. BRUCE: Well, that's part of the problem, but I believe Maralex would like to move forward and drill the well and therefore seeks forced pooling at this time, even

1 though there may be some additional parties who may have to 2 be force pooled in the future who are not subject to this 3 order. I would -- if you could provide that 4 MR. STOVALL: 5 information so then as we review this, assuming that forced 6 pooling is issued, I'm going to recommend to the examiner 7 that we identify the parties subject to the order over whom 8 the Division has jurisdiction in this case. 9 EXAMINER STOGNER: Any other questions of this witness 10 pertaining to 10274? 11 MR. KELLAHIN: Let me follow up one last thought. FURTHER CROSS-EXAMINATION 12 13 BY MR. KELLAHIN: 14 Q. Have you obtained releases from all the lessees 15 that held the expired leases? 16 Α. No. That were previously dedicated to the Brimhall 17 0. well? 18 19 Α. No. We don't have that solution? 20 0. 21 Α. No. 22 MR. KELLAHIN: Okay. 23 MR. STOVALL: I think that leaves me where I suggested 24 we might be.

EXAMINER STOGNER: If there's no questions on 10274,

1 let's move on to 10275. Are there any questions of this 2 witness pertaining to those two applications? MR. STOVALL: Mr. Gilbreth, do you have any questions 3 that you'd like to ask the witness about the case you're 4 5 interested in? If you have them for Mr. O'Hare, save them for 6 Mr. O'Hare. If you have any questions about what she's 7 testified to, go ahead and ask her now. 8 9 MR. GILBRETH: No, I have none. EXAMINER STOGNER: If not, she may be excused at this 10 11 point. We may recall Miss Ritcher later. 12 MR. BRUCE: Let me -- Mr. Examiner, I think you only 13 mentioned 10275. Could we make sure there's no questions 14 on 10276? MR. STOVALL: I think he meant to include both. 15 EXAMINER STOGNER: I'm sorry, yes. If I didn't say 16 17 that, I meant to include it. 18 MR. BRUCE: Okay. 19 Call Mr. O'Hare to the stand. 20 ALEXIS MICHAEL O'HARE, 21 the Witness herein, having been first duly sworn, was 22 examined and testified as follows: 23 DIRECT EXAMINATION 24 BY MR. BRUCE: Would you please state your name for the record? 25 0.

- A. My full name is Alexis Michael O'Hare.

 Q. And whom do you work for?
 - A. Maralex Resources.

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- Q. And do you have a position with that company?
- 5 A. I'm the president of Maralex Resources.
 - Q. Do you also have a technical background?
- 7 A. That's right. I'm a registered professional engineer.
 - Q. What type of engineer are you?
- 10 A. Petroleum engineer.
 - Q. Have you previously testified before the OCD and had your credentials as a petroleum engineer accepted as a matter of record?
- 14 A. Yes, I have.
- Q. And are you familiar with the engineering and technical matters related to these three applications?
- 17 A. Yes, I am.
 - Q. And as an aside, do you also have some familiarity with the lands matters involved in these cases?
 - A. Unfortunately, yes.
 - MR. BRUCE: Mr. Examiner, I would tender Mr. O'Hare as an expert engineer.

EXAMINER STOGNER: Mr. O'Hare is so qualified. We also may note, being a president of the corporation, it may open up his expertise in other areas.

Q. (By Mr. Bruce) Mr. O'Hare, referring to Case 10274, would you refer to Maralex Exhibits 11 and 12 and discuss the cost of Maralex's proposed well and describe why there are two exhibits?

A. Exhibits 11 and 12 are authorities for expenditure. Exhibit No. 11 is for the case where we would drill a new well on the subject acreage. The total cost that we have projected for a new well completed to the tanks is \$231,210.

Exhibit 12 is an authority for expenditure for the recompletion of the existing Brimhall No. 1 well. The total cost has been estimated to be \$163,500 for that work.

We prepared two exhibits again because we have come before the Division asking that we be granted permission to pool the acreage under the north half of Section 18, either for the recompletion of the existing well bore or for the drilling of a new well, and of course, the recompletion of the existing well bore would be contingent upon obtaining approval of the owners of the existing well bore along with verifying the integrity of the existing well bore.

- Q. Would you please then refer to Exhibit 13 and discuss the proposed well cost in case 10275?
- A. Exhibit 13 is an authority for expenditure for the drilling of a new well in the north half northeast

quarter of Section 19 of Township 30, Range 11 west. We're projecting a total depth on that well of 2,100 feet, and our estimated well cost is \$236,180.

- Q. And in the north half of Section 19 it will certainly be a new well; is that correct?
- A. That is correct. There are no existing well bores in the north half of Section 19.
- Q. And then for case 10276, would you refer to Exhibits 14 and 15 and discuss the cost of the proposed well?
- A. Exhibit No. 14 is an authority for expenditure for the reentry and recompletion of an existing well bore called the Polokoff Blancett No. 1 that is located in the northeast quarter of Section 24. Our total estimated expenditure for that work is \$172,156.

Exhibit No. 15 is an authority for expenditure for a new well in the northeast quarter of Section 24. Our total estimated cost is \$235,750.

We have again prepared two authorities for expenditure contingent upon being able to utilize the existing well bore or reenter an existing well bore and recomplete it to the Fruitland coals. And if we are unable to do so, then we would request approval to pool the interest under the east half of Section 24 for a new well.

Q. And are these proposed well costs that you've

just itemized in line with those normally encountered in drilling wells at this depth in this part of the state?

A. Yes, we believe so.

- Q. Do you have a recommendation as to the amount which should be paid to Maralex as operator for supervision and administration expenses?
- A. We are recommending that \$3,000 per month be allowed for a drilling well and \$300 per month be allowed for a producing well for each of the well bores included under Orders No. 10274 through 10276.
- Q. How do these compare with the Ernst and Young rates?
- A. We believe these are lower than the Ernst and Young rates, and they are also lower than the normal rates charged in the San Juan Basin.
- Q. Now, in your application you've also requested a penalty to be assessed against nonconsenting interest owners; is that correct?
 - A. That is correct.
 - Q. What penalty do you recommend?
- A. We have asked for a 200 percent penalty.
 - Q. Now, I think you're pretty familiar with the practice in many of these coal gas oils for a 156-percent penalty; is that correct?

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A. Yes, it is.

- Q. Why do you request the 200 percent penalty?
- A. We are requesting a larger penalty in order to insure our investors we'll receive a rate of return that is acceptable to them.
- Q. And in connection with that, would you discuss the geologic and engineering risk factors for the proposed well, and first refer to Exhibit 16?
- A. Exhibit 16 is an overall net isopach map showing the coal thickness in the area of the three wells. The proposed wells are not shown on the map, but again they are in the northeast quarters of Section 18, 19 and 24. And as you can see on this map, those three locations are coincident with the thinning of the coals in this area, and so there is some risk that commercial production from the coals is actually diminishing in this area.
- Q. And also in connection with the risk, would you refer to Exhibits 17 and 18 and discuss the economics a little further?
- A. Exhibit 17 is labeled "Scott Post Recompletion Economics." These economics are based on the results that we have achieved at our Scott No. 1 well, which is located in the southwest quarter of Section 18. That well was recompleted in December and just put on line in early February from the Fruitland coals.

Latest producing rates with the compressor are

1 150 MCF a day with about 85 barrels of water per day.
2 Without the compressor the well was making less than 100

MCF per day.

Our costs shown on Exhibits 11 through 15 do not include compression costs. Therefore the economics do not reflect compression.

What Exhibit 17 shows is that the return on investment without a nonconsent penalty is 1.28. Payout is achieved in more than 91 months, and our rate of return is less than ten percent, assuming that we achieve the same kind of producing rates that we saw on the Scott No. 1 well.

Exhibit 18 are the reentry economics for the Blancett No. -- I'm sorry, the Polokoff Blancett No. 1 in the northeast quarter of Section 24, again assuming that we have the same kind of results that we saw on the Scott No. 1 well. The only difference here is that our capital costs have been reduced, as reflected in the AFEs, and again our payout is right at 81 months. Our return on investment without a nonconsent penalty is only 1.88, and our rate of return is just a little better than 12 percent.

- Q. Now, your rate of return would depend on gas prices, too, would it not?
- A. That is correct. And these economics were based on a gas provides of 120 per MCF initially with a

escalation of six percent per year. Current gas prices in the area are actually less than a dollar per MCF.

- Q. And what type of gas production rate is assumed for these economics?
- A. This assumes that we started off producing 100 MCF a day, and by the end of the first year we have reached a peak rate of 200 MCF per day, and then it declines at a rate of about five percent per year.
- Q. Are there wells in the area which don't do that well?
- A. Yes. In fact, the Simmons No. 1, which is located in the northwest quarter of Section 15, was recompleted by Meridian in 1989. To date that well -- at least to my knowledge -- has not produced more than about 70 MCF a day.
 - Q. And what about water production in this area?
- A. We were not expecting water production to be a factor in this area until we recompleted our Scott No. 1. That well started its production with about 200 barrels of water per day, and as I mentioned before, it is down to about 80 barrels of water per day.

Our disposal costs right now are running just a little over two dollars per barrel, and we are definitely in a negative cash flow position on the Scott No. 1 as of this date.

1	Q. In your opinion, will the granting of these
2	applications be in the interest of conservation, prevention
3	of waste and the protection of correlative rights?
4	A. Yes, they will.
5	Q. And were Exhibits 11 through 18 prepared by you
6	or under your supervision?
7	A. Yes, they were.
8	MR. BRUCE: Mr. Examiner, I move the admission of
9	Exhibits 11 through 18.
10	EXAMINER STOGNER: Are there any objections?
11	MR. KELLAHIN: No objection.
12	EXAMINER STOGNER: Exhibits 11 through 18 will be
13	admitted into evidence.
14	(Whereupon Applicant's Exhibits 11 through 18 were
15	admitted into evidence.)
16	Thank you, Mr. Bruce.
17	Mr. Kellahin, I'll turn the witness to you.
18	CROSS-EXAMINATION
19	BY MR. KELLAHIN:
20	Q. Mr. O'Hare, let's use your net isopach map as an
21	index to help me find some of these wells.
22	Am I correct in remembering that the south half
23	of 17 was the subject of a compulsory pooling application
24	by your company, Order R-9357?
25	A. That is correct.

1 Q. Entered on October 13th of 1990?

- A. I don't recall the exact date, but I assume that's correct.
 - Q. Did you reenter the well? Wasn't that the Price well that was a choice for a reentry for that spacing unit?
 - A. That is what we applied for, yes, but we never did attempt the reentry on that Price well.
 - Q. Why did you not do that?
 - A. We had several problems there. One is the well bore is physically located between houses and under an overhead power line.

Number two, when we started to do our drill-site title opinion, we found even more complexities associated with the title on that tract than were apparent on the north half of 18, and so we elected to defer the work on that well until such time as we had completed our work in the remainder of the area.

- Q. So you have not yet drilled a well anywhere in the south half of 17 for the coal gas production?
 - A. No, we haven't.
- Q. Where are the wells that you have -- your company has drilled for the coal gas production on this display?
- A. We have one well in the southwest quarter of Section 18 right where the "3" is on this map.

- 1 Q. And that's called the what?
- A. The Scott No. 1.
- 3 Q. When did you complete that well?
- A. It was completed in January and put on
 production in -- February 8th I believe was the first date
 of production.
- 7 Q. Where is the Meridian Simmons well?
 - A. It is in the northwest quarter of Section 17 at an unorthodox location.
 - Q. This net isopach map that you've presented today -- is that the same net isopach map that you presented to Examiner Morrow in Case 10113, which was on the south half of 17?
- 14 A. Yes, it is.

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- Q. And is it the same map that you presented to
 Examiner Morrow in Case 10112, which was the prior pooling
 of the north half of 18?
- 18 A. Yes, it is.
 - Q. As a result of your presentation before him in October, Examiner Morrow reduced your requested risk-factor penalty to 156 percent, did he not?
 - A. Yes, he did.
- Q. Also in that order he awarded you overhead rates
 on a monthly basis of \$2,800 a month for a drilling well
 rate and \$280 for a producing well rate?

- 1 A. That is correct.
 - Q. Your request today is higher by \$120?
- 3 A. Yes, it is.

- Q. Why the difference?
- A. Well, again as you see from our title opinion and the testimony given by Mrs. Ritcher, there is quite a bit more complexities than we had originally estimated and quite a bit more paperwork required for the company to complete, just more overhead to be dealt with with this area due to title problems and curative work.
- Q. Wouldn't those be charges inherently involved in the AFE?
- A. For the title opinion, yes. But for the majority of the curative work and the remaining paperwork, no.
- Q. So when we look at that category on the AFE near the bottom of it, it says, "Overhead: Land, Legal and Insurance," there's \$3,000 on one of these AFEs for that activity?
- A. Yes. And that is the rate that we are applying for. That is the same number that we are asking to have approved today.
- Q. When I look at the Exhibit 12, that's the AFE for the Brimhall No. 1 well?
 - A. That is for the recompletion of the Brimhall

- 1 No. 1, that is correct.
 - Q. The recompletion?
 - A. Right.

- Q. In the AFE you have costs allocated for those activities of \$2,400?
 - A. That is correct.
 - Q. And that would be in the AFE cost?
- A. Right.

Now, that \$2,400 is a prorated amount based on the \$3,000 per month that we are requesting.

- Q. Have you allocated an item in the AFE to take care of the water hauling and the water production?
- A. For the initial production during the testing of the well, we have, and it is under "Water and Hauling."
 - Q. What do you do with the water?
- A. All of the water that is being produced on the Scott No. 1 is currently being hauled off to basin disposals, a disposal facility just north of Bloomfield.
- Q. And they are the ones charging the two dollars a barrel for disposal?
- A. Their rates are \$65 per load, but then we also pay trucking costs on top of that. And the average rate we have seen since we've started producing the Scott No. 1 well is slightly more than two dollars per barrel.
 - Q. For the pooling of the north half of 18, are

your AFEs the same as the AFEs you presented to the commission?

- A. No, they are not. There are some differences that were generated by our experience with the recompletion of the Scott No. 1 well.
 - Q. Briefly tell me the differences, if you can.
- A. Most of the differences were in the water and hauling category, some of the labor categories and then in the supervision -- any of the categories that had to do with the time involved in the recompletion of the well and the prorated charges or allocable charges due to that time have been changed.
- Q. Your projection of economics were based upon a particular recoverable gas volume?
 - A. That is correct.
- Q. Describe for me your methodology in getting to your estimated ultimate recovery for the well in the north half of 18.
- A. What we have done is take our net coal isopach map and assume a gas content for the coals in this area, apply a recovery factor to that along with an assumed we'll call it "weight per ton" or "weight per unit volume of coal" to come up with a total gas recoverable, gas amount in place.
 - Q. What were the parameters you used? What were

those items for each of those parameters?

- A. I don't have that information in front of me, but to the best of my recollection we used about 20 feet of net coal. We used 250 standard cubic feet per ton of coal, and we used 1,800 tons per acre for our weight of coal.
- Q. And that gave you what volume of gas in place in the coal for that spacing unit?
- A. Again, I don't have those numbers in front of me so any number I would give you would be purely conjecture.
- Q. What recovery percentage were you using out of the coal?
- A. We were using 25 to 50 percent, and the economics are based on a 25 percent recovery factor.
- Q. What period of time did you calculate your economics over? What was the life of the well?
- A. We took our well life from 1991 through the year 2011.
 - Q. What's the basis for doing that period of time?
- A. That is a 20-year period, and to our knowledge, there are not any intentional coal wells that -- in the San Juan Basin that have produced for anywhere close to that period.

As you know, the place is only about ten to 11 years old. Some of the early wells were drilled in the middle '70s, and some of those are still producing. But

there are wells that have been plugged and abandoned due to well bore problems primarily.

- Q. Could you turn to the Brimhall well? Give me your explanation why you believe that well is no longer holding the leases it held.
- A. The state records show that that well has not produced since April of 1986. The leases that we were able to come upon in the title search indicated that there were no shut-in gas royalty clauses in some cases. There was no evidence in any cases that shut-in gas royalties had been paid.

The current mineral owners have not only been willing to negotiate with us for new leases, none of them have come back and say, "We think those leases are currently held."

So all that taken together has led us to the conclusion that those particular leases have expired.

Q. Before I mark this for introduction, Mr. O'Hare, let me have you check it for me and see if you came across this gas disconnection notice in this particular well file to make sure we're dealing in fact with the same Brimhall well.

I'm not positive in my own mind. It's a gas disconnect notice dated October 10th of '88. Would you look at this for me?

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1 Α. Sure. 2 Is that the same well? 0. That is the same well we're talking about. 3 Α. Did you examine the well file to determine what 4 Q. documents were in the OCD well file for that well? 5 6 I examined the well file in Aztec, New Mexico, Α. 7 yes. And what did it tell you in terms of the last 8 Q. sequence of activity for that particular well? 9 10 You said it last produced when? 11 In April of 1986. Α. 12 And that was production out of the Pictured Q. 13 Cliffs formation? That is correct. 14 Α. Is there any explanation in the file as to why 15 0. that was the last date of production? 16 17 No, none that I saw. Did you as an engineer attempt to determine if 18 19 there were any remaining gas reserves that could be produced out of the Pictured Cliffs for this spacing unit? 20 21 I approached the operator of record and asked Α. him if there were, in his opinion, any reserves remaining 22 to be produced. He indicated that --23 24 Who was the operator? Q.

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Α.

I'm sorry. The operator of record is B.H. and

- M.M. Keyes. Lonnie Cunningham is the trustee of the Keyes Trust. B.H. Keyes, or Bradley Keyes, is deceased, and my understanding is that all of his property and the property jointly held with his wife, Margaret M. Keyes, has been placed into the Keyes family trust and that Lonnie Keyes is the trustee -- I'm sorry, Lonnie Cunningham is the trustee.
- Q. Were you able to obtain -- they own the minerals in a portion of that spacing unit, do they not?
 - A. That is correct.
- Q. Have they executed a lease to your company at this point?
- A. They have executed a farmout agreement to farm out there acreage to Maralex Resources.
- Q. Did you attempt to try to determine from the decline curve analysis or pressure information whether or not there was any remaining reserves in the Pictured Cliffs for this well?
- A. Not from decline curve analysis, but I did get the pressure information from Mr. Cunningham. He indicated that shut-in -- shut-in -- surface shut-in pressure on the well was less than 120 pounds. The current line pressure in that area is about -- well, it's been varying between 170 and 210 pounds. Therefore it will not produce against existing line pressure.
 - Q. In the absence of compression?

1 A. In the absence of compression.

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Mr. Cunningham indicated that he had looked at compression for that well and determined that it would not be economical at existing prices, and this was a year ago when prices were in the \$1.60 to \$1.80 range. Prices are substantially lower than that now.

The definition of "reserves" is -- includes a statement saying that "recoverable hydrocarbons at existing conditions." Therefore there are no remaining reserves in the Brimhall No. 1 Pictured Cliffs formation.

- Q. When we look at the spacing unit for the north half of 18, what is the closest completed coal gas well to the north half after the Scott well in the south half?
- A. It would be the Simmons No. 1. That is a Meridian-operated well in the --
 - O. In the northwest of 17?
- A. Northwest of 17.
 - Q. And after that are any others in close proximity?
 - A. Any others would be off of the map. Mesa has some wells to the south and east.
- Q. Nothing yet drilled in 13 immediately to the west of 18?
 - A. Not to my knowledge, no.
 - Q. And there's nothing in 7 yet, or 12, to the

northwest?

- A. Not to my knowledge.
- Q. What's your basis for control of the thickness on your isopach map?
- A. Most of the control points are shown on this map. All points shown had open-hole logs that we used to determine the thickness of the coals, and again this is an overall coal map so it includes basal coal and several coal stringers.
- Q. You call it a "net map." How did you get to a net map from a gross map? What did you use for a cutoff?
 - A. We used greater than one foot of coal thickness.
- Q. In your activities to drill coal gas wells, have you reentered any other well bore to utilize it for coal gas production at this point in your coast activities?
- A. Yes, we have. The Scott No. 1 was a recompletion of an existing well bore.

And in fact the Scott No. 1 was drilled in 1953, so it's a very old well bore, but we found that the mechanical condition of the well bore was excellent.

MR. KELLAHIN: I have no further questions. Thank you.

EXAMINER STOGNER: Thank you, Mr. Kellahin.

THE WITNESS: Mr. Examiner, Mr. Gilbreth asked me to clarify that the northeast quarter of Section 24, as to his

acreage, was limited to the stratigraphic equivalent of the base improvement coal formation, and so it's to his interest we are not requesting any additional formations from the surface to the base of the coal as we are for the remaining acreage in that drill site spacing unit.

EXAMINER STOGNER: I'm sorry.

MR. STOVALL: Try that again.

MR. KELLAHIN: Do it again, please.

EXAMINER STOGNER: Yes.

THE WITNESS: Okay. The acreage that Norman L. Gilbreth contributes to the drill site spacing unit in Section 24 is limited solely to the stratigraphic equivalent of the Fruitland coal -- the Basin Fruitland Coal formation, whereas our request for the pooling asks that all formations from the surface of the earth to the base of the Basin Fruitland and Coal formation be pooled.

EXAMINER STOGNER: I'm looking at your February 25th application from Miss Jennifer Ritcher, who states in her application:

"Per our telephone conversation of
February 22nd, 1991, I request that you include the
following application for compulsory pooling of the Basin
Fruitland Coal Formation."

And what you're telling me today is not what the application was for. Am I missing something?

2 above the Basin Fruitland Coal that can be formed? 3 other formations are spaced on 320? THE WITNESS: To my knowledge, none. I was under the 4 5 impression from the description of the case that the --6 I'll retract my previous statement. Thank you. We can move on. 7 EXAMINER STOGNER: 8 MR. STOVALL: It doesn't affect Mr. Gilbreth anyway because if he joins the well, the order is not applicable 9 to him, so it doesn't matter as far as his interests are 10 11 concerned. 12 I have a couple of questions on your -- I want to do one thing here. Let's deal with the 274. I want to 13 ask you some questions about the well bore and that. 14 15 I'd like to give Mr. Gilbreth a chance to ask you questions on 275 and 6, and then I've got some in general about the 16 17 area that would apply to all three cases. Acceptable, Mr. Bruce? Does that sound like a 18 19 reasonable way to sort this thing out? 20 MR. BRUCE: Yes, sir. 21 EXAMINATION 22 BY MR. STOVALL: You've heard all the testimony and the questions 23 0. to Mrs. Ritcher about the Brimhall well bore in case 274. 24

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In what other 320-acre proration units are there

As the president of the company and the person

who is going to be responsible for drilling this well, what
is your company's position and your position with respect
to the use of the Brimhall well at this time?

Do you have the right to use it?

- A. No. We have not yet secured the right to use the well bore.
- Q. And who do you believe is the owner of that well bore from whom you must secure that authority?
- A. As of this moment, we believe that Cleo

 Jenkins -- or Cleo Brimhall is the owner of the well bore

 by virtue of his ownership of the surface.
- Q. And I believe there's some question on

 Mr. Riggs' part -- Mr. Kellahin, correct me if I'm wrong -that Mr. Riggs believes he owns an interest in that well
 bore, and that it is still --
- MR. KELLAHIN: That's what he's represented to me, Mr. Stovall. Unfortunately, he was not able to be here today so I can't confirm it with him.
- Q. (By Mr. Stovall) Again, I would like to make very clear that in the context of a forced pooling order that no order can -- that we issue can give you ownership of a well bore that you would not have otherwise have ownership to. We don't determine that ownership.
 - A. We understand that.
 - Q. It's a legal matter, so I don't want you to do

something on the basis of an order we issue and find out 1 2 that you really don't own it. MR. STOVALL: I think we can move on to the 275 and 3 276. 4 5 I have no further questions on 274. EXAMINER STOGNER: Any other questions on 274? 6 Okay. Let's move on to 275 and 276. 7 Mr. Gilbreth, do you have any questions MR. STOVALL: 8 for Mr. O'Hare on your cases? 9 10 MR. GILBRETH: Yes. I'd like to ask Mr. O'Hare if 11 your recommendation for forced pooling from the surface to 12 the basin of Fruitland coal also applies to Section 19. 13 MR. STOVALL: Mr. Gilbreth, I think we have determined that his application does not go from the surface to the 14 15 base. It only applies to the Fruitland coal, so he doesn't have an application for that. 16 17 MR. GILBRETH: Oh. MR. STOVALL: He only has an application to force pool 18 the Fruitland coal, so that eliminates that concern. 19 MR. GILBRETH: I do have one other question. 20 Mr. O'Hare shows that -- if I can figure this 21 On May the 11th of 1990 he had me signing a 22 farmout agreement for Township 30 and 11 and 12, Range 11 23 24 and Range 12.

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MR. STOVALL: What are you looking at, Mr. Gilbreth?

MR. GILBRETH: Exhibit 7. 1 2 MR. STOVALL: Okay. We're in which case? 275? 3 MR. BRUCE: That would be 276, I believe. I believe that covered both cases. 4 5 MR. GILBRETH: Now, that's page 1, page 2 and page 3. 6 MR. STOVALL: Just a second. Let's find the exhibit. 7 We've got them kind of sorted by case here. If you give us a minute, then we'll --8 9 MR. BRUCE: It's Exhibit 7. That starts out with an 10 affidavit. MR. STOVALL: It's part of Exhibit 7? 11 12 MR. BRUCE: Right. MR. STOVALL: I've got a letter here. I'm looking at 13 14 Case 276, and I've got a -- oh, I see. Exhibit 7, a letter 15 to Mr. Gilbreth, dated May 11th, 1990; is that correct? Is that the one we're looking at? 16 17 MR. GILBRETH: Yes. 18 MR. STOVALL: Okay. Now go ahead with your question. MR. GILBRETH: All right. He shows that I signed a 19 farmout agreement of May 11th, 1990, where I actually 20 signed it June the 6th of 1990. 21 MR. STOVALL: Well, I think it says -- I don't think 22 23 that's a -- is that an issue? Is that -- I mean, your signature line does say the 6th, but that's not a --24

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MR. GILBRETH: It shows I signed another one in April

the 27th of 1990. 1 MR. STOVALL: On the same land? 2 MR. GILBRETH: On the same land. May the 3rd. I'm 3 not sure -- I'm not sure what the problem is. 4 5 MR. STOVALL: Well, it appears to me, Mr. Gilbreth, that the May 11th letter refers to in paragraph 1 --6 7 MR. GILBRETH: Okay. An extension. Yes, sir, I 8 thought of that. Yes, he's talking about an extension to 9 MR. STOVALL: 10 that letter, and then there's a description change so I'm not -- now, if you'd like to -- would it be better for you 11 12 to be sworn and attempt to clarify? 13 If you've joined the well, if you're agreeing to 14 join the well, you don't particularly have a problem. Ιf 15 you'd like to clarify something on the record, we can have 16 you sworn and you can testify as to what you believe to be 17 the facts with respect -- after Mr. O'Hare is through. Otherwise you can ask him questions if you want 18 to, but let's take the most direct and efficient way to get 19 20 to it. 21 MR. BRUCE: Perhaps Mr. O'Hare could just comment on 22 it just briefly. 23 MR. STOVALL: Okay. 24 THE WITNESS: I'd be happy to.

The April 27th letter was our original letter to

Mr. Gilbreth whereby we sought his approval to farm out his lands in Township 30 north, Range 12 west, and
Township 30 north, Range 11 west.

Mr. Gilbreth executed that letter contingent upon the removal of the lands in Township 30 north, Range 11 west. When we received that executed agreement, we talked to Mr. Gilbreth and asked him if we could reinstate the lands in Township 30 north, Range 11 west, and got him to agree to that. We then went back and prepared the May 11th letter whereby we also expounded upon the definition of the farmout terms and the payout, payout definition.

The last paragraph of that letter also amended the previous agreement to allow the joint operating agreement to go into effect at the first date -- at the date of first gas sales of the initial test well rather than the payout of the initial test well, since the terms of the agreement called for a ten percent carried working interest to Mr. Gilbreth. And that was accepted by him and agreed to on the 6th day of June of 1990.

MR. STOVALL: Mr. Gilbreth, I think you can answer this question without the necessity of being sworn.

Is that your understanding? Did he correctly state what you understand these two letters to do?

MR. GILBRETH: Pretty much. However, in Section 13,

the east half, are you saying that that farmout included that -- that acreage?

THE WITNESS: That was included in the original agreement, yes.

MRS. GILBRETH: But wasn't it --

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THE WITNESS: It was never -- I'm sorry.

MR. STOVALL: Well, let's keep it clear here. If we can get one of you to ask, just for the court reporter's benefit as much as anything.

Discuss it with each other and then one -Mr. Gilbreth, if you'd ask it, it just makes it easier to
read the transcript.

THE WITNESS: Section 13 was part of a parcel that Mr. Riggs had an interest in, and in our preliminary discussions with Mr. Riggs he had indicated that there was no way he would allow any kind of well to be drilled in the east half of Section 13. He apparently owns both the minerals and the surface in the northeast quarter of Section 13.

We had attempted to strike an agreement with Mr. Riggs to where he would not contest our pooling of the acreage in Sections 18, the north half of 18, and the south half of 17, and under that agreement Maralex would not attempt to force pool his acreage in the east half of Section 13.

And that was relayed to Mr. and Mrs. Gilbreth, and again I had attempted to leave the door open with Mr. Riggs to where at some point in the future, if we could prove that the wells would be economically beneficial to Mr. Riggs, we would be able to come back to him and try to get his cooperation in the east half of Section 13.

MR. STOVALL: I think -- let me just stop it right here and not go into too much more detail in Section 13.

Mr. Gilbreth, it appears -- Section 13 appears to be covered by the agreement. It is not the subject of these cases, and I don't know what the rest of the agreement says as far as Maralex's continuing obligation to drill or how they would earn that acreage.

If you have concerns about that, I would recommend that you discuss them with Mr. O'Hare, and since you're both here at the same time, on the same day, in the same town, it might be the best time to clarify that.

And I will tell you simply that the order will not affect your agreement with Mr. Gilbreth -- I mean -- excuse me -- Mr. O'Hare and Maralex outside of two sections that are the subject matter of the cases.

The other thing I'll tell you is that if you reached an agreement and if he's drilling with your -- got your interest joined with your permission, the order is not going to affect you at all. You're not a party to this,

and you will not be subject to the order if you've reached 1 2 an agreement with him. So if that helps you clarify --3 4 MR. GILBRETH: It does. 5 MR. STOVALL: -- what's going to happen, what's going 6 on here and what you do with him. This is only a small 7 part of the total picture. 8 MR. GILBRETH: Right. 9 MR. STOVALL: Any other questions for Mr. O'Hare? Mr. Gilbreth, do you have any other questions? 10 MR. GILBRETH: I believe not. 11 12 **EXAMINATION** 13 BY EXAMINER STOGNER: Mr. O'Hare, are you -- is Maralex a party to the 14 Q. 15 ongoing --EXAMINER STOGNER: Is it GRI study, Mr. Stovall? 16 17 MR. STOVALL: Well, it's actually the Fruitland Coal Bed Methane Committee. Are you a participant in that? 18 19 THE WITNESS: I personally was a participant when I was employed with the National Cooperative Refinery 20 21 Association. However, when I terminated my employment with 22 NCRA, I essentially resigned my involvement with the Coal 23 Bed Methane Committee just due to lack of time. 24 MR. STOVALL: When was that? 25 THE WITNESS: That was in January of 1990.

1	Q. (By Examiner Stogner) Are you a party of record
2	to the ongoing case
3	EXAMINER STOGNER: Which case is that, Mr. Stovall?
4	MR. BRUCE: 9420, reopened.
5	Q. (By Examiner Stogner) Are you a party to that?
6	A. No, I'm not.
7	MR. STOVALL: Let me back up and ask you a couple of
8	quick geologic questions.
9	FURTHER EXAMINATION
10	BY MR. STOVALL:
11	Q. First, this map it indicates on the bottom
12	was drafted by Rocky Mountain Cartography.
13	What role what did Rocky Mountain Cartography
14	do? Did they do any interpretation, or did they just
15	simply draft it?
16	A. No, simply draft it. And they took my
17	interpretation and made it look pretty.
18	Q. So this is your geologic interpretation of
19	Fruitland Coal?
20	A. That is correct.
21	Q. Have you had the opportunity to review any of
22	the study work done by ICF Resources for the Coal Bed
23	Methane Committee?
24	A. Maybe not specifically the work they are doing
25	for the committee, but I have reviewed a large amount of

ICF Resources work in the San Juan Basin both for clients and for my own behalf.

- Q. And are you aware that a part of their report is a case -- which is -- the first half of which has been heard and the second half of which will be heard on April 4 -- the coal thickness is not necessarily related to productive potential of a well, a very thick coal and a very poor producer?
- A. Yes, I am. ICF Resource's contention is that productivity of the coals is controlled more by permeability than coal thickness, although there are other factors like pressure and gas content, but the primary controlling factor is permeability.
- Q. How would that affect your opinion as to the element of risk in this particular area, given the fact that the standard for the pool is 156 percent?
- A. Again, we acknowledge that the coals are in place and there's very low risk that we will not encounter the coals. Our contention is that the risk is in achieving an economic well bore in leading certain economic criteria, and we feel that the only way to offset that risk is to increase the risk penalty.
- Q. And economic criteria is individualized to a particular company, is it not?
 - A. That is correct.

And the economics you presented are your 1 Q. economics in -- what is it? -- 17 and 18, I believe? 2 3 Α. Right. 4 MR. STOVALL: I have no further questions. 5 EXAMINER STOGNER: Are there any other questions of 6 this witness? 7 If not, he may be excused. Are there any closing statements, Mr. Bruce or 8 9 Mr. Kellahin? 10 MR. KELLAHIN: I'd like to suggest, Mr. Stovall, that 11 you take administrative notice of Case 10112, Order 12 No. R-9356. I think I have a complete copy of the 13 transcript and exhibits here. If not, I can compile one in 14 a moment. MR. STOVALL: On what specific issue? 15 16 MR. KELLAHIN: On the specific issue of the 17 risk-factor penalty, the overhead rates applied to that 18 prior case. MR. STOVALL: Mr. Bruce, go ahead. 19 20 No. Did you have a response to that? 21 MR. BRUCE: No. I don't think it matters to me either 22 way. 23 THE WITNESS: I do, if I may. MR. KELLAHIN: Well, I think they are admissible 24 25 because they are entirely relevant. Now, to the extent the

examiner wants to utilize it, that's perhaps to be seen in closing arguments, but they certainly involve the same subject matter. It's a recent forced pooling case by this particular party, and we think it's appropriate to compare Mr. O'Hare's testimony under oath in October to what we have had today and let the examiner resolve those issues.

EXAMINER STOGNER: Mr. Bruce.

MR. BRUCE: And I think it's well within the jurisdiction of the Division to take notice of its files whenever it needs to.

I would merely point out, as Mr. O'Hare has testified on the record in that particular case, 10274, that factors have changed since that time, primarily gas price, which would justify the higher overhead rates.

And I would also point out, as Mr. O'Hare testified, that these rates are lower than Ernst and Young rates, and I believe he testified that they are lower than many other operators in this area.

MR. STOVALL: I would suggest we can take notice of this particular case, but we are also -- have done lots of forced pooling in the Fruitland Coal, and I think the Division is pretty well aware in -- that may be -- have some specific relevance, but it's not the only thing that we'll be aware of in evaluating those factors.

EXAMINER STOGNER: In answer to your question,

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Mr. Kellahin, I will take administrative notice of Case 10112 in particular.

Are we ready for closing statements?

MR. BRUCE: Certainly.

EXAMINER STOGNER: Before we do -- Mr. Kellahin, I'll let you go first.

Mr. Bruce, I'll let you follow.

MR. KELLAHIN: Mr. Examiner, I'm concerned about the ability of the Division to enter an order that in any way appears to provide Maralex the opportunity to reenter the Brimhall No. 1 well. It will always -- whatever you do, if you enter such an order that provides that opportunity, it will be -- it will have the appearance of vesting Maralex with the authority to make that entry.

I think it would be a difficult drafting matter to provide for the reentry of that well without first establishing the predicate that they have the right to reenter it. Mr. O'Hare testifies that he does not yet have that right. I am not satisfied that the surface owner in fact owns that well bore, so there is a significant problem that we need to resolve with regard to the ownership of the Brimhall well.

I would suggest that the time might be best served if you'll give us an opportunity to submit legal argument to you on what we think is the appropriate

resolution of the Brimhall well. I'm not satisfied that Mr. Bruce is correct that the ownership belongs to the surface owner at this point.

MR. STOVALL: Mr. Kellahin, may I interrupt you for just a moment and ask a question because I also share your concern?

Is it appropriate -- and, Mr. Bruce, I'd like your response too -- to order an authorizing -- if forced pooling is granted -- authorizing a well at an orthodox location without specifying the location or authorizing specifically the reentry, that being required through filing of an EPD for either a new well or reentry, rather than -- because I'm aware of your concern, sensitive to your concern on that.

Do you have a problem with a generic, a more generic approval of a forced pooling?

MR. KELLAHIN: The Brimhall well is at a 990 location, which satisfies, I think, the standard well locations for a coal gas well. And so if you entered a forced pooling order allowing Maralex to force pool the coal gas formations on 320 for a well to be located in the northeast quarter at a standard location, perhaps that's all you need to do, and let them resolve in another way the ownership of the Brimhall well and the liability and responsibility for entering that well bore and not utilize the pooling order

as having any appearance that it authorizes that activity.

MR. BRUCE: As both witnesses testified, they are not seeking to reenter a well that they have no rights to reenter. The prior order stated that the unit in the north half of Section 18 would be dedicated to either the existing well or a new well to be drilled, and I think that would satisfy the requirements.

However, certainly as long as the order authorized completion at an orthodox location, that would totally leave it up to Maralex to deal with the owner of the well bore, and it would not foreclose, of course, on the other hand, Maralex from drilling at that existing well bore if indeed it had the right to do so.

MR. STOVALL: That -- I think that is appropriate in this case. That's my recommendation. I think that solves that issue.

MR. KELLAHIN: And I think it's a cleaner resolution of that problem.

As to the overhead rates, we'd ask the examiner to compare Mr. O'Hare's testimony in October with his testimony today. We would ask that you compare his economic arguments then with now. I think you will come to the conclusion that there's no justification to give Maralex a special risk-factor penalty over and above the 150 percent that has been substantially utilized by the

Division for everyone else that has come forward on that 1 2 topic. 3 And that's all the comments I have. EXAMINER STOGNER: Thank you, Mr. Kellahin. 4 5 Mr. Bruce. MR. BRUCE: I really have no further comments other 6 7 than the fact that I -- once again, Mr. O'Hare has 8 supported his requested 200 percent penalty with 9 substantial testimony, and we believe the 200 percent 10 should be granted. And with that, we would request that 11 the order be issued. 12 EXAMINER STOGNER: Thank you, Mr. Bruce. Does anybody else have anything further in any 13 14 of these cases? If not, I'll take --15 MR. STOVALL: Let me ask Mr. Bruce again -- let me 16 clarify. Do we have title questions on all three of the 17 18 cases, or are Sections -- is it only Section 18 that's got 19 this significant title problem? 20 MR. BRUCE: Section 18 there are a few minor 21 questions. MR. STOVALL: Would you submit an affidavit with an 22 23 Exhibit A identifying the parties notified for all three 24 cases?

MR. BRUCE: Yes.

MR. STOVALL: And then we will review that and determine whether we need to specifically identify that in the forced pooling order, as to whom -- who is subject to jurisdiction.

MR. BRUCE: In answer to your question, although there are some -- I believe some relatively minor -- well, for instance, on Case 10276 there are some unlocateable interest owners. Other than that, there are no title problems, and of course since they are unlocateable, the advertisement took care of notifying them.

On Section -- north half of Section 19, there are a couple of questions, but I believe the landman will be clarifying those with her curative work, and as we previously discussed, the primary question results to a 40-acre tract the southwest of the northeast of Section 18.

MR. STOVALL: Okay. But we will need affidavits.

MR. BRUCE: But we will submit affidavits on each case.

EXAMINER STOGNER: If there's nothing further in any of these cases, I'll take cases 10274, 275 and 276 under advisement.

Let's take a ten-minute recess, and then we'll finish the docket up.

(The foregoing hearing was concluded at the approximate hour of 3:35 p.m.)

1 2 STATE OF NEW MEXICO 3 ss. COUNTY OF SANTA FE 4 REPORTER'S CERTIFICATE 5 6 7 I, PAULA WEGEFORTH, a Certified Court Reporter and 8 9 Notary Public, DO HEREBY CERTIFY that I stenographically reported these proceedings before the Oil Conservation 10 11 Division; and that the foregoing is a true, complete and accurate transcript of the proceedings of said hearing as 12 13 appears from my stenographic notes so taken and transcribed 14 under my personal supervision. I FURTHER CERTIFY that I am not related to nor 15 16 employed by any of the parties hereto, and have no interest 17 in the outcome hereof. 18 DATED at Santa Fe, New Mexico, this 22nd day of April, 19 1991. 20 21 22 Certified Court Reporter My Commission Expires: September 27, 1993 23 CSR No. 264, Notary Public I do heropy certify that the foregoing is 24 a complete reports of the proposality with the Examiner houring of C as 1403; 10274 10275 # 25 heard by me on 21 March Examiner

Oil Conservation Division