### STATE OF NEW MEXICO

# ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

CASE NO. 12,922

APPLICATION OF DAVID H. ARRINGTON OIL AND GAS, INC., FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

ORIGINAL

## REPORTER'S TRANSCRIPT OF PROCEEDINGS

## **EXAMINER HEARING**

BEFORE: DAVID K. BROOKS, Hearing Examiner

September 5th, 2002

Santa Fe, New Mexico

This matter came on for hearing before the New Mexico Oil Conservation Division, DAVID K. BROOKS, Hearing Examiner, on Thursday, September 5th, 2002, at the New Mexico Energy, Minerals and Natural Resources Department, 1220 South Saint Francis Drive, Room 102, Santa Fe, New Mexico, Steven T. Brenner, Certified Court Reporter No. 7 for the State of New Mexico.

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### APPEARANCES

FOR THE APPLICANT:

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By: PAUL R. OWEN

FOR YATES PETROLEUM CORPORATION; DAVID PETROLEUM CORPORATION; EDWARD N. DAVID; KEITH E. McKAMEY; MICHAEL A. McMILLAN; McMILLAN VENTURES, L.L.C.; McMILLAN PRODUCTION COMPANY; WILLIAM B. OWEN; and PERMIAN EXPLORATION CORPORATION:

HOLLAND & HART, L.L.P., and CAMPBELL & CARR 110 N. Guadalupe, Suite 1 P.O. Box 2208 Santa Fe, New Mexico 87504-2208 By: MICHAEL H. FELDEWERT

\* \* \*

(Continued...)

# APPEARANCES (Continued)

# ALSO PRESENT:

DAVID R. CATANACH Hearing Examiner New Mexico Oil Conservation Division 1220 South Saint Francis Drive Santa Fe, NM 87505

WILLIAM V. JONES, JR.
Petroleum Engineer
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WHEREUPON, the following proceedings were had at 1 2 8:45 a.m.: EXAMINER BROOKS: Okay, at this time we call Case 3 4 Number 12,922, Application of David H. Arrington Oil and Gas, Inc., for compulsory pooling, Lea County, New Mexico. 5 Call for appearances. 6 7 MR. HALL: Mr. Examiner, Scott Hall, Miller, Stratvert and Torgerson, P.A., Santa Fe, on behalf of the 8 Applicant, David H. Arrington Oil and Gas, Incorporated. 9 10 I have two witnesses this morning. EXAMINER BROOKS: Okay, other appearances? 11 MR. OWEN: Mr. Examiner, my name is Paul Owen, 12 I'm with the Santa Fe law firm of Montgomery and Andrews, 13 appearing on behalf of Great Western Drilling Company, and 14 I tender to the Examiner my entry of appearance in this 15 matter and a related application for compulsory pooling 16 which was filed this morning. 17 I have no witnesses in this matter. 18 19 EXAMINER BROOKS: Okay. Now, since your application was filed this morning, it would not be set for 20 hearing and would not have been properly notified, so are 21 22 you moving for a continuance or --MR. OWEN: Mr. Examiner, a continuance has 23 already been requested and denied --24 25 **EXAMINER BROOKS:** Okay.

1	MR. OWEN: and we're not requesting a
2	continuance at this time. We ask that our application be
3	set for the October 10th hearing.
4	EXAMINER BROOKS: Very good. Okay
5	MR. FELDEWERT: Mr. Examiner
6	EXAMINER BROOKS: Yes, sir.
7	MR. FELDEWERT: one more appearance.
8	EXAMINER BROOKS: Pardon me?
9	MR. FELDEWERT: One more appearance.
10	EXAMINER BROOKS: Okay.
11	MR. FELDEWERT: I'm Michael Feldewert with the
12	law firm of Holland and Hart, appearing on behalf of Yates
13	Petroleum Corporation, as well as David Petroleum
14	Corporation; Edward N. David; Keith E. McKamey; Michael A.
15	McMillan; McMillan Ventures, L.L.C.; McMillan Production
16	Company; William B. Owen; and Permian Exploration
17	Corporation.
18	We do not have any witnesses. I do just have a
19	brief preliminary statement.
20	EXAMINER BROOKS: Okay. Do you have any
21	witnesses, Mr. Owen?
22	MR. OWEN: No, I do not.
23	EXAMINER BROOKS: You're representing Great
24	Western Drilling
25	MR. OWEN: Company.

EXAMINER BROOKS: Okay.

MR. HALL: Mr. Examiner, if you'll allow, I'd like to address the Great Western application by way of a speaking motion to dismiss, if you'll entertain such.

EXAMINER BROOKS: Okay, let's swear the witnesses first, and then I'll allow opening statements so we can understand this situation here.

Witnesses please stand to be sworn.

(Thereupon, the witnesses were sworn.)

EXAMINER BROOKS: Okay, perhaps the best way to do this would be, Mr. Owen, I'll let you go first and say what you want to say about your situation, and then I'll let Mr. Hall respond, and Mr. Feldewert if he has anything to offer.

MR. OWEN: Mr. Examiner, Great Western Drilling
Company owns a working interest in the minerals underlying
the proposed well, the well which has been proposed by
Arrington and which is being proposed by Great Western
Drilling Company.

Great Western Drilling Company has the support of the majority of the interest owners in the well, far exceeding the interest which Arrington represents, and Great Western Drilling Company would like to discuss operations with Arrington. And it's my understanding that such discussions have taken place and that the parties may

or may not reach an agreement. I don't know what the status is of those particular discussions.

Great Western Drilling Company requested a continuance of Arrington's case so that those discussions could continue and so that an agreement could be reached. Arrington felt that it had a lease-expiration problem, which is in the first part of next year, as I understand it, and therefore declined to continue the case.

Great Western Drilling Company is proposing virtually the same well. I don't know what the well costs are going to be, I haven't seen the AFE. The only issue will be who will be the operator of the well.

EXAMINER BROOKS: Are you proposing the same location?

MR. OWEN: Correct, same location, different well name. Arrington chooses to name its wells after flies, as I understand it, fishing flies, and Great Western Drilling Company chooses to name it after the leaseholder.

We have a standard compulsory pooling application before the Division. We are an interest owner, we have the right to drill a well. No order has been issued by the Division against Great Western Drilling Company, and I believe it's appropriate for the Division to consider it when that case comes before it on its docket.

EXAMINER BROOKS: Okay, Mr. Hall?

MR. HALL: Mr. Examiner, if you allow, I'm prepared to put on witness testimony this morning which will establish that Arrington has been evaluating the east half of Section 34, 15 South, 34 East, for the drilling of a well to the Atoka-Brunson-Morrow formations since January of 2001.

We will also establish that in June of 2002, two well-proposal letters went out to the parties, including Great Western, along with an AFE proposing the well, and that there has been absolutely no response from Great Western at all to date.

The first communication from Great Western to

Arrington was through its former counsel to me on Tuesday

when they entered an appearance on Great Western's behalf

requesting the continuance. But no response to Arrington's

well proposal.

There has been no counterproposal by Great
Western to Arrington. If there were discussions, they were
apparently only between Great Western and Yates, not with
Arrington at all.

The next action that we're aware of is the filing of the application by Great Western's new counsel this morning. This morning is the first we have seen of it.

In view of the fact that we can establish that there has been no prior well proposal by Great Western, its

application is premature under the established practices of the Division. Typically, the Division expects operators to submit a bona fide well proposal and solicit responses to that. If no responses are received sooner than 30 days, then it's appropriate for a proposed operator to submit a compulsory pooling application.

That's not been done here. We think the application is improper, ought to be dismissed.

MR. FELDEWERT: If I might respond, Mr. Examiner?

EXAMINER BROOKS: Okay, first of all, Mr.

Feldewert, do you have any comment?

MR. FELDEWERT: Mr. Examiner, I know that Yates attempted to get this matter continued to the October 10th docket to see if an agreement on the operation of this well could be reached. Arrington refused that invitation, which I understand now has forced Great Western to file their competing pooling application with the Division.

There's no dispute over location, there's no dispute over costs, there's no dispute over the need for this well. There's only a dispute over who's going to operate the well.

We understand that Great Western has the majority interest. Yates Petroleum, David Petroleum, et al., the parties I'm appearing for here today, collectively own about 43 percent of the working interest. They all support

the operation of this well by Great Western.

We ask that this matter -- I know that Mr.

Arrington has his witnesses here today. We have no objection to them going forward. We ask, however, that this matter be continued or that the Division not take it under advisement until we have heard Great Western's application, which is set for October 10th, and ask that thereafter the Division would deny Arrington's Application and approve Great Western's application.

We hope in the meantime that we can reach an agreement on the operation of this well. It's my understanding that there has been some discussion back and forth between Yates -- I don't know if Great Western was involved, but other parties and Arrington, I think Mr. Baker, to see if we could get a resolution on this issue. I don't think those discussions have completely been exhausted. That's one of the reasons we asked for the continuance. They felt like they had to go forward here today, that's what in essence forced Great Western's hand to file the pooling application.

So what we have here is, Arrington wants to operate the well, Great Western wants to operate the well. Great Western has the majority interest, we believe, in the well, and they are supported by Yates Petroleum. The other parties I represent collectively own about 43 percent of

the working interest.

EXAMINER BROOKS: Thank you.

Mr. Owen?

MR. OWEN: Mr. Examiner, directly addressing the issues raised by Mr. Hall, he indicates that it is the Division's practice to require a well proposal to be tendered before an application for compulsory pooling to be filed.

In fact, Mr. Examiner, that is a practice in the industry, that is not a requirement by the Division. It's found nowhere in the Division Rules. It is frequently the case where a competing force pooling application is forced by the other side because of lease expiration or other issues, the other party doesn't want to continue the case to reach an agreement, and the competing party needs to file its compulsory pooling application.

There's no requirement that a well proposal be tendered before a compulsory pooling application be filed. The only prerequisite found in the Division Rules is that the interest owner, the party seeking compulsory pooling, have the right to drill the well on the acreage. Great Western has that right. I've submitted that in my application, there's no grounds for dismissal.

Further addressing the issues raised thus far, I don't believe that negotiations have broken down between

the parties, and I believe that negotiations will continue between the parties following this hearing.

We have no objection to Mr. Arrington -- or to Mr. Hall putting on David Arrington's witnesses this morning, and we have no objection to their putting on their case. We ask that the case be left open and considered in conjunction with the evidence to be presented by Great Western at the October 10th hearing.

MR. HALL: Mr. Examiner, if I might just briefly?

EXAMINER BROOKS: Yes.

MR. HALL: I think you have to consider two issues here. One is diligence.

We're prepared to put on witness testimony to support that Arrington has diligently worked to develop its acreage and propose the well.

Two, that Great Western has done nothing. Great Western appears with you, without witnesses. There's no proof to back up any response to our motion to dismiss.

Three, another issue you must consider is prejudice that may result from Great Western's effort to delay the hearing of this matter. We can establish through witness testimony again that Arrington has a lease expiration coming up in the early part of 2003.

This matter is continued to the October hearings. We may expect an order to result November, perhaps later.

1	We think that the likelihood of prejudice accruing to
2	Arrington, resulting in a potential expiration of its
3	lease, is too great a risk to incur, to allow Great Western
4	to come in at the last minute, file an application without
5	having first proposed a well and delay our legitimate
6	Application.
7	That's all, Mr. Examiner.
8	EXAMINER BROOKS: Thank you.
9	Well, I think the witnesses are here, that we
10	should receive their testimony. I will reserve a ruling on
11	the motion to dismiss until after we've heard the
12	testimony.
13	You may proceed, Mr. Hall.
14	MR. HALL: At this time, Mr. Examiner, we would
15	call Enick Diffee to the stand.
16	EXAMINER BROOKS: Okay, I believe he's already
17	there.
18	MR. DIFFEE: Yes, sir.
19	EXAMINER BROOKS: You may proceed.
20	ENICK DIFFEE,
21	the witness herein, after having been first duly sworn upon
22	his oath, was examined and testified as follows:
23	DIRECT EXAMINATION
24	BY MR. HALL:
25	Q. For the record, please state your name.

My name is Enick Diffee, first name Enick, 1 Α. E-n-i-c-k, last name Diffee, D-i-f-f-e-e. I reside in 2 Roswell, New Mexico. 3 How are you employed, Mr. Diffee? 4 I'm an independent consulting landman. Α. 5 And you've previously testified before the 6 7 Division and its Examiners and had your credentials accepted as a matter of record? 8 9 Α. Yes. And you're familiar with the Application that's 10 been filed in this case? 11 Α. Yes. 12 And you're familiar with the lands that are the 13 subject of this Application? 14 Α. Yes. 15 MR. HALL: Mr. Examiner, we offer Mr. Diffee as a 16 qualified expert petroleum landman. 17 EXAMINER BROOKS: Any objections? 18 MR. FELDEWERT: No objection. 19 (By Mr. Hall) Mr. Diffee, if you would explain 20 Q. 21 to the --EXAMINER BROOKS: I'm sorry, he is so qualified. 22 You may continue. 23 24 MR. HALL: I'm trying to think when a witness was 25 not qualified, Mr. Examiner.

- 17 (By Mr. Hall) Mr. Diffee, if you would explain 0. 1 to the Examiner what it is Arrington seeks by this 2 Application? 3 Arrington seeks an order pooling all mineral 4 Α. interests underlying the east half of Section 34, Township 5 15 South, Range 34 East, and in the following manner: 6 7 a) being the east half to form a standard 320acre standup gas spacing and proration unit, being "the 8 320-acre unit", for any and all formations and/or pools 9 developed on 320-acre spacing within that vertical extent, 10 which presently would include but are not necessarily 11 limited to the Edison North-Morrow Gas Pool, 12 b) being the southeast quarter to form a standard 13 160-acre spacing and proration unit, that being, of course, 14 "the 160-acre unit", for any all formations and/or pools 15 developed on 160-acre spacing within that vertical extent, 16 c) being the north half, southeast quarter, to 17 18
  - form a standard 80 laydown oil spacing and proration unit, being "the 80-acre unit", for any and all formations and/or pools developed on 80-acre spacing within that vertical extent, which presently includes, but is not limited to, the Undesignated North Edison-Strawn Pool, and,

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d) the northeast quarter of the southeast quarter, to form a standard 40-acre spacing and proration unit, being "the 40-acre unit", for any and all formations and/or pools developed on 40-acre spacing within that vertical extent, which presently include but are not necessarily limited to the Townsend-Permo-Penn Pool.

Said units are to be dedicated to Applicant's proposed Huma Huma "34" Well Number 1, to be drilled at a standard 320-acre spacing and proration unit gas well location, 1700 feet from the south line, 950 feet from the east line, in the southeast quarter of Section 34.

Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as actual operating cost and charges for supervision, designation of David H. Arrington Oil and Gas, Inc., or its designee as operator of the well, and a charge for risk in drilling said well.

The proposed well location is approximately ten miles northwest of Lovington, New Mexico.

- Q. Mr. Diffee, let's turn to what's been marked as Exhibit Number 1, please, sir.
- A. Yes, this is an ownership plat. I'll call your attention to the east half of Section 34, which is the proposed 320-acre proration unit. The well location, it will be a vertical well with the surface and bottomhole location being the same, which again earlier stated was 1700 feet from the south line, 950 feet from the east line, lying in the southeast quarter.

And I would mention that the east half of Section 34 is comprised of three federal oil and gas leases.

To be very descriptive for you, the south half of the northeast quarter and the north half of the southeast quarter is Federal Lease NM-17444.

The southwest quarter of the southeast quarter is Federal Lease NM-94621.

And the north half of the northeast quarter and the southeast quarter of the southeast quarter is Federal Lease NM-106699.

- Q. What does the acreage in yellow indicate?
- A. The acreage in yellow identifies acreage in which David H. Arrington Oil and Gas, Inc., actually has a leasehold or operating rights ownership.
- Q. And the red line on Exhibit 1 reflects more than the proration unit for the well, does it not?
  - A. Yes, that's just a prospect outline.
  - Q. Okay. What's the primary target for the well?
  - A. The Atoka-Morrow.

- Q. Let's look at Exhibit 2, if you'd explain that to the Examiner, please, sir.
- A. As I've mentioned earlier, we have three separate federal oil and gas leases in the various tracts. Exhibit 2 consolidates the leasehold ownership in the east half of Section 34 and identifies each leasehold owner and their

respective leasehold or working interest in the proposed east-half proration unit.

- Q. And it's been represented here today that
  Arrington owns only a small percentage of the proration
  unit. What's the actual percentage that Arrington
  controls?
  - A. 32.03125 percent.

- Q. Okay. When did Arrington first acquire its lease interest in the east half of Section 34?
- A. In January of 2001, a participation agreement was entered into between Arrington and also Devon. And then as of March 1st of 2001, Arrington was successful in acquiring an assignment of oil and gas lease from Hunt Oil Company, and again that's a term assignment, which, as mentioned earlier in testimony, is subject to exploration as of March the 1st, year 2003.

And I will mention too, again, with just

Arrington's continued efforts to acquire a voluntary

joinder of participation in the well. As of August the

21st, 2002, a letter agreement was entered into between Tom

Brown, Inc., and also Arrington, for Tom Brown, Inc.,

either to participate in the drilling of the well or to

assign their leasehold interest to Arrington.

Q. Now, for the 160-acre and 80-acre and 40-acre units, is the ownership the same throughout all horizons?

A. Yes.

Q. Let's turn to Exhibits 3 and 4, please, and would you explain to the Examiner Arrington's efforts to obtain the voluntary participation of the other interest owners?

A. Yes, Exhibit 3 is a copy of a letter dated June the 18th, 2002, and this was the initial well proposal that was extended by Arrington to all of the working interest owners. And again, you'll see that this letter was addressed to Dale Douglas as a leasehold owner in the proration unit.

And letters were sent to all of the other working interest owners, but there was an error made in the proposal. For instance, the letter was addressed to Dale Douglas, but you'll see in paragraph two it references Yates. It says, "In the event that Yates should desire to participate in the drilling" of the well. So we noticed that error had been made in several of the letters by retaining the reference to Yates.

So to follow up on correction of that mistake, letters were then sent out on June the 27th, in which a specific reference in paragraph two was made to each and every individual leasehold owner.

But the letter itself proposes the drilling of the well, extends the invitation to participate in the well and also an AFE was attached as an exhibit.

(505) 989-9317

Now, your certified mail receipt cards are 1 0. attached to each of the June 27th --2 That's correct. Α. 3 -- well proposal letters. And does it appear Q. 4 that those -- When does it appear that those letters were 5 received by the recipients? 6 7 Α. July the 2nd --8 Q. Okay. -- if not earlier. There's probably one or two 9 Α. that were received even earlier than that. 10 All right. And you mention the AFE that went out 11 with the letters. Is that marked as Exhibit 5? 12 Α. Yes, it is. 13 All right. Now, you understand that Arrington 14 seeks the imposition of a 200-percent risk penalty against 15 those unjoined working interest owners? 16 That's correct. Α. 17 18 And will Arrington present another witness today 19 to explain the basis of that risk request? 20 Α. Yes. 21 And Arrington seeks to be designated operator of Q. the well? 22 23 Α. Yes. In your opinion, Mr. Diffee, as an expert 24 Q. 25 petroleum landman, has Arrington made a good faith effort

to obtain the voluntary joinder of all the nonparticipating 1 working interest owners in the proration unit? 2 Yes, I would. Α. 3 And were Exhibits 1 through 5 compiled by you? Q. 4 Or under my direction, yes. 5 MR. HALL: All right, that completes our direct 6 of this witness, Mr. Examiner. 7 We'd move the admission of Exhibits 1 through 5. 8 EXAMINER BROOKS: Any objections? 9 MR. OWEN: No objection to the introduction of 10 the exhibits. 11 EXAMINER BROOKS: Mr. Feldewert? 12 MR. FELDEWERT: No objection. 13 14 EXAMINER BROOKS: 1 through 5 are admitted. 15 Does that conclude your examination? 16 MR. HALL: Yes, sir. EXAMINER BROOKS: Very good. Mr. Owen? 17 18 CROSS-EXAMINATION BY MR. OWEN: 19 20 Mr. Diffee, you indicated that as of August 21st, that Arrington was engaged in negotiations and had some 21 22 sort of letter agreement with Tom Brown, Inc.; is that 23 correct? That's correct. 24 Α. Would you turn to Exhibit 2, please? 25 Q.

1	A. I have it.
2	Q. Could you tell me what interest Tom Brown, Inc.,
3	owns in this well?
4	A. We credited the interest that was previously
5	owned by Tom Brown, Inc., to David H. Arrington. So the
6	interest previously owned by Tom Brown, Inc., under the
7	320-acre proration unit would have been 7.18 percent. And
8	that, of course, at this time is included within the
9	32.03125 percent reflected on Exhibit 2.
10	Q. Do you have that letter agreement here?
11	A. Yes, I do.
12	Q. May I see it, please?
13	Do you have another copy of this?
14	A. No, that's the only one that I have with me, but
15	I think Bill, do you have a copy of that?
16	MR. BAKER: No, but if you want some more, we can
17	get you some copies
18	MR. OWEN: Do you guys mind if I introduce this?
19	MR. BAKER: I don't have any problems.
20	MR. OWEN: Have you seen this, Mr. Hall?
21	MR. HALL: Yes.
22	Q. (By Mr. Owen) Mr. Diffee, the letter agreement
23	indicates that you're going to share certain geologic
24	information with Tom Brown, Inc., and then Tom Brown, Inc.,
25	has a ten-day period in which to elect to participate in

the well; is that correct?

- A. That's correct.
- Q. Have you shared that information with Tom Brown, Inc., yet?
  - A. Not to my knowledge.
- Q. So Tom Brown, Inc., has not actually committed its interests to the well yet, has it?
  - A. Not at this time, that I'm aware of.
- Q. So the 32.03125 percent indicated as represented by David H. Arrington Oil and Gas, Inc., on Exhibit Number 2 is not actually correct as of this time; is that correct?
- A. If I could go back to the court reporter as far as my previous testimony, I believe I indicated that they did have the option to participate. So I didn't intend to mislead. And I also mentioned that they either have leasehold or control leasehold covering that percentage. So maybe that clarification should be made as to that certain 32 percent.
- Q. But Tom Brown, Inc., has not committed its interests, right?
  - A. That's correct.
- Q. You don't control Tom Brown, Inc.'s, interest, correct?
- A. Under this letter agreement, I think that there
  is some indication here that they are willing to work with

1 Arrington. They have the option to commit their interest or 2 0. 3 not, right? That's correct. 4 Α. Okay, so they haven't committed their interest? 5 0. 6 Α. Okay. 7 Q. Okay. You proposed the well initially on June 8 18th; is that correct? 9 That's correct, the first letter that was mailed Α. 10 out. You didn't propose it in January of 2001, when 11 0. you acquired your interest, did you? 12 13 Α. No. Okay, or March, 2001, when you acquired 14 additional interest? 15 That's correct. 16 Α. And then you sent out an additional proposal on 17 18 June 27th; is that right? That's correct. 19 Α. 20 Q. And have you received a response from Great 21 Western? 22 Α. Not to my knowledge. 23 Q. Have you received a response from Yates? 24 A. I know -- I have not personally been involved in

these conversations, but I believe that there have been

Conversations within the last two to three days between Yates and personnel with David H. Arrington Oil and Gas.

- Q. And the term assignment that Arrington is concerned with expires on March 1st, 2003; is that right?
  - A. Correct.

- Q. Who is that term assignment from?
- A. That is from Hunt Oil Company.
- Q. So if the Division entered an order sometime this year, there would still be time for the election period to expire before your term assignment expired; is that right?
- A. I'd like to qualify that by saying that we're drilling on federally owned minerals, and the time requirements to drill an oil and gas well on federal leases can sometimes be somewhat lengthy in procedures being complied with. So again, we have to take all these factors into account. And again, when an order might be received is very critical as to whether or not we would be able to commence drilling operations prior to that expiration date.
  - Q. Have you discussed this matter with the BLM?
- A. I know that there are representatives with Arrington's office that have initiated, you know, the drilling procedures to be approved. I do not know the status of those requests.
- Q. Do you know if there are archaeological problems with the proposed location?

I do not know that. Α. 1 Do you know if there are site problems with the 2 3 proposed location? I do not know that. 4 5 0. Do you know if there are any other reasons why the BLM might object to this proposed location? 6 At this time I don't. 7 Α. 8 0. Do you know if there are any other reasons why 9 the BLM might propose to the drilling of the well before March 1, 2003? 10 I don't know that at this time. 11 Okay, that's all I have. 12 MR. OWEN: EXAMINER BROOKS: Mr. Feldewert? 13 CROSS-EXAMINATION 14 BY MR. FELDEWERT: 15 Q. Mr. Diffee, have you had any conversations with 16 any party about the operation of this well? 17 I personally have not. 18 Have you communicated with any of the parties 19 0. listed on your Exhibit Number 2, other than the letter that 20 you sent out in June 18th of 2002? 21 I personally have not had contact. 22 Α. You haven't made any telephone calls or --23 Q. 24 Not personally. I know that there have been 25 efforts made by Arrington's employees, and I believe that

the exploration manager, Bill Baker, will testify, perhaps, in greater detail about contacts being made.

- Q. Is it your testimony that if the Division waits until October the 10th to hear Great Western's pooling application, that you're going to be unable to meet your lease expiration in March of 2003?
  - A. I think that could be very likely.
  - Q. And what do you base that on?

- A. Again, just because we're going to be dealing with the BLM and the unknowns that have already been brought out, it's a matter of just not being able to really know what we're going to be up against at this point in time to meet that deadline.
- Q. Do you know how many wells Arrington has drilled in the last three months?
- A. In this area, the last three months, they've slowed their activity in the last three months. But prior to this, over the past three to five years, they've probably drilled and completed in excess of 25 or so wells in this area.
- Q. Do you know how many wells they've drilled over the last three months?
  - A. No, I don't.
- MR. FELDEWERT: Okay, that's all I have. Thanks.
- 25 EXAMINER BROOKS: Redirect?

MR. HALL: Briefly, Mr. Examiner. 1 REDIRECT EXAMINATION 2 3 BY MR. HALL: If you know, Mr. Diffee, have either -- any of 4 Q. the Yates entities or Great Western filed APDs or permits 5 6 for right-of-ways with the BLM to develop their well 7 proposal? 8 Α. Not to my knowledge. 9 MR. HALL: Nothing further. 10 EXAMINER BROOKS: Okay, thank you. **EXAMINATION** 11 BY EXAMINER BROOKS: 12 You mentioned that the target of this well is the 13 Atoka-Morrow. Are there any secondary objectives that -- I 14 know you went through all the units, but --15 16 Α. Yes. -- are there any actual secondary objectives? 17 There possibly could be. I think that question 18 Α. 19 could better be answered by the exploration manager, Bill 20 Baker. 21 Q. No doubt. Let's see, you said the location was 1700 feet from the south line and 950 from the east line. 22 23 Did I copy that correctly? 24 Α. That's correct. 25 And did you identify Exhibit Number 5, the AFE? Q.

1	A. Yes, we did.
2	Q. And is that your current estimate of the cost
3	proposed cost in this well?
4	A. Yes, sir.
5	EXAMINER BROOKS: Okay, I don't think I have
6	anything else.
7	Mr. Catanach?
8	EXAMINER CATANACH: Nothing.
9	EXAMINER BROOKS: Mr. Jones?
10	MR. JONES: No.
11	MR. HALL: Mr. Examiner, I don't believe the Tom
12	Brown participation letter has been tendered, and we
13	certainly do not object to its admission.
14	MR. OWEN: I tender the admission of Great
15	Western Exhibit Number 1, which I believe is in front of
16	the witness. Are you going to want to refer to that, Mr.
17	Baker?
18	MR. BAKER: What is it?
19	MR. DIFFEE: It's the Great Western letter for
20	MR. OWEN: It's the Tom Brown letter.
21	MR. DIFFEE: Tom Brown, sorry.
22	EXAMINER BROOKS: Any objection, Mr. Feldewert?
23	MR. FELDEWERT: No.
24	EXAMINER BROOKS: Okay, Great Western's Exhibit
25	Number 1 will be admitted.

I believe that would conclude the examination of 1 this witness. The witness may stand down. 2 You may call your next witness. 3 MR. HALL: At this time, Mr. Examiner, we would 4 call Bill Baker to the stand. 5 Shall I proceed? 6 7 EXAMINER BROOKS: You may proceed. 8 BILLY DON BAKER, JR., 9 the witness herein, after having been first duly sworn upon 10 his oath, was examined and testified as follows: DIRECT EXAMINATION 11 BY MR. HALL: 12 For the record, please state your name. 13 14 Α. Billy Don Baker, Jr. I reside in Midland, Texas. 15 Q. And for whom do you work and how are you 16 employed? I'm the exploration manager for David H. 17 Α. Arrington Oil and Gas, Inc., in Midland. 18 19 Q. And you've previously appeared before the 20 Division and had your credentials accepted as a matter of 21 record? 22 Yes, sir, I have. Α. 23 Are you familiar with the Application in this Q. 24 case? 25 Yes, sir, I am. Α.

Q. And are you familiar with the lands that are the 1 subject of this Application? 2 Yes, sir, I believe so. 3 Α. MR. HALL: Mr. Examiner, we'd offer Mr. Baker as 4 5 a qualified expert petroleum engineer -- I'm sorry, petroleum geologist. 6 7 THE WITNESS: Yeah. 8 EXAMINER BROOKS: Any objection? 9 MR. OWEN: No objection. EXAMINER BROOKS: Mr. Baker is so qualified. 10 (By Mr. Hall) If you would, Mr. Baker, give the 11 Q. Hearing Examiner a brief overview of the geology of the 12 Morrow and Atoka formations in the area of the Application. 13 14 Okay, I'll have three exhibits today, Mr. Examiner, that I'll talk about the primary target in the 15 specific area of the Lovington area. 16 The first exhibit that I'm going to be showing 17 you today is Exhibit Number 6, and this is a structure map 18 on the top of the Morrow limestone. This is a very well 19 established regional marker in the area that pretty well is 20 representative of the structure in which both Atoka and 21 22 Morrow sands are pretty much laid down -- actually, the 23 Atoka is laid down on top of the Morrow limestone.

Morrow sands are located directly beneath the top of the

Morrow limestone, so this is a very good regional marker

24

for giving me an indication of the structural position of the proposed primary targets.

What this structure map shows right here is that our proposed location will be sitting on kind of a north-south-trending structural ridge that is bifurcated by a fault. If you will notice in this particular situation, it does appear like we're going to be on the downthrown side of this fault. That will be part of our risk assessment to talk about later, although the Atoka-Brunson in this area does produce on both sides of the fault. There's always a risk, as far as being on the downthrown side, of encountering wet sands. And so that will be part of the risk involved in the drilling of this well, is being in that downthrown structural position.

I have also indicated, kind of in a yellow shade right there, the proposed proration unit for the Huma Huma "34" Number 1. And just a little bit of, once again, humor here. As Mr. Owen said, Mr. Arrington generally likes to name his wells after flies, fishing flies.

EXAMINER BROOKS: Yes.

THE WITNESS: In this particular case here, this well was directly proposed in response to a Kukui well that I'm going to mention down in Section 6. And Kukui is a Hawaiian company.

And so in line with the Kukui well, Mr. Arrington

attempted to name this well the Humahumanukinukiopawaha, which is the state fish of Hawaii. For simplicity's sake to the OCD and us as well internally, we've shortened it to the Huma Huma.

EXAMINER BROOKS: Well, we appreciate it.

THE WITNESS: I couldn't spell Humahumanukinukiopawaha.

EXAMINER BROOKS: Nor could I.

THE WITNESS: Anyway, also on this particular structure map I have highlighted Atoka-Brunson wells in an orange highlight, and then I have also highlighted in blue Morrow producers in the well -- or excuse me, in the area.

You'll also notice on here cross-section A-A', which is a three-well cross-section with our proposed location, which will be Exhibit Number 8 that I will discuss in just a little bit.

If you'll move to Exhibit Number 7, this is an isopach of our primary target, and this is the lower Atoka-Brunson sand. This is generally a lower Atoka sand.

Brunson is a local name that was established out here, actually by Yates Petroleum when they drilled the well in 1997. This particular sand just kind of got labeled as the Brunson sand, so that's a local terminology to most of the geologists who have worked this area.

This is a well-established sand in the area, and

to the south of here the wells can average as much as 5.5 BCF and 120,000 barrels. So it's a very prolific sand. It's generally a north-south-trending channel system. It appears like there are multiple channel sequences in here. And really, this system is starting to be developed to the north. It's principally been developed to the south, and it was very key in Kukui's well being drilled and finding commercial sand as far north as they did, because at that time that was really pushing the northern limits of the production of the Brunson sand. And that got us real excited and the reason for our proposal of the Huma Huma.

This particular isopach is a net interval isopach centered around a 10-percent crossplot porosity. I have indicated, once again, the Atoka-Brunson producers on the map. Wells in most of the area, or right in this immediate area, are all relatively new wells.

I have attempted to put their relative cums, and this was through June of this year. Located beside each of the wells you'll see a little T/C there. That stands for total cumulative production. And then I put gas in red any oil or condensate production that has been reported in green.

I have also noted, wherever there's a producing well in the area, net and gross interval numbers. Net would be the top number, and then gross interval would be

the number located directly under it.

As you can see, our proposed location indicates that we're going to be trying to attempt to extend the Kukui sand to the north, and we anticipate encountering anywhere from 15 to 20 feet of net porosity sands, what we're hoping to encounter.

- Q. (By Mr. Hall) Look at Exhibit 8, your cross-section.
- A. Yes, sir, and you might want to lay this out in conjunction with the structure map and the isopach. This is a three-well cross-section at our proposed location,

  A-A', with A being located on the left side or the southern end of the maps.

The first well that we want to talk about here is the Nadel and Gussman well, the E.L. Harrod Number 1 well. This well was drilled back in August of 2001. As you can see, I have highlighted a couple of Morrow sands down in the Morrow, the top of the Austin, the top of the Morrow, and then the Brunson interval right there. As best I can tell, the Morrow sands were never tested.

And they completed the well in the Brunson interval for an IPF of 679 MCF a day, zero barrels of oil. It has cum'd currently about 150 million or .15 BCF, and producing at a rate of about 600 MCF a day.

Now, as you continue to move to the right, you

will see the key well that has helped us set up our well, and that's the Kukui Operating Degas "6" State Com Number 1 well, and this well was actually drilled in mid-April to May of this particular year and was completed on 6-18 of 2002.

Once again, you'll see several Morrow sands down in there that they elected not to test prior to coming up to the Brunson interval. They perforated the Brunson interval and have IP'd it as a natural completion, testing at a rate of a million a day and 20 barrels of oil with a flowing tubing pressure of 1800 pounds on a 15/64-inch choke.

At the time of putting this cross-section together, I believe this well is still currently shut in.

My guess is they're waiting on a pipeline hookup, more than likely. But the fact that they extended this sand further north definitely indicates the productivity of this sand coming in that general direction.

Now then, after that you go to the David H.

Arrington Oil and Gas, Inc., Huma Huma "34" Number 1 well.

As you can see, I believe it is my impression that we're probably going to be in a downthrown position here. I hope to encounter multiple Morrow clastic sands, basically the same sort of sand systems that the Degas well encountered, and then hopefully encounter 15 to 20 feet of the Brunson

sand as well.

And then the last well on my cross-section is the Nearburg Producing Company Grasslands "27" Number 1 well, and this well was drilled in 1995 or 1996 as a Devonian test. It was dry in the Devonian. Basically, it was a dry hole in everything. But the key thing about this, you'll notice, is that it does appear like they encountered the Brunson sand on top of this structure.

Now then, the wellbore obviously was highly washed out. If you look at the electric log here, the caliper is going off scale, the logs are going off scale. So I did not get any net feet of pay here, because I couldn't reliably figure one. So I basically gave it a gross interval. But once again, what that does indicate, that the sand appears to be heading to the north.

- Q. Mr. Baker, there is a geologic risk that the Huma Huma well won't be a commercially successful well, correct?
  - A. Yes, sir.
- Q. And that's why you're requesting 200-percent risk penalty in this case?
- A. Yes, sir. I mean, even though in the area the Brunson has produced both upthrown and downthrown, if you will look at the well -- I cannot remember the name of it; it's in the west half of Section 6 down there. On my isopach I have a well over there in the west half that has

a Brunson show around it. That particular well right there actually appears to have had a gas-water contact in the Brunson interval, indicating that as you move offstructure, this particular sand got wet.

So even though back to the east there I haven't seen any water on the downthrown side, there's always that element of risk, that as you move offstructure I can encounter a wet sand.

Once again, with any sand system there's always the risk that what I have tied in the Nearburg well to the north being the same sand system could be two separate stratigraphically equivalent sands, and I could drill in between and find no sand at all. I've done that many times in my career.

And then there's always the risk of having a tight sand.

So yes, sir, there's always a high risk. This could be a noncommercial producer or a dry hole.

- Q. The fault you spoke about earlier shows up in the well log for the Kukui well, does it not?
- A. Basically, it's hard to pick it exactly. There is some thinning section in there. It could be both where they're sitting on top of the structure or a fault pick, but it does appear like there's a thin section there, yes, sir.

- Q. So there is some chance that you may locate your well on the wrong side of the fault?
  - A. Yes, sir, it's going to be very close.

- Q. If you would provide the Hearing Examiner with an overview of Arrington's operations in the vicinity of this well, please, sir.
- A. Well, David H. Arrington Oil and Gas, Inc., we've basically been involved in this area since 1998, and we have principally been targeting the Strawn, this lower Atoka-Brunson interval and the Morrow clastic system for the last three and a half to four years. And as of January, February of this year, we had drilled between 25 to 27 wells in this immediate area, targeting anywhere from the Strawn all the way through the Morrow intervals.

Mr. Owen alluded to Mr. Diffee, when was the last time we drilled a well in here? And that was just last month. Last month we just got through drilling our Double Hackle Peacock, which -- and by the way, that is a fly name -- in Section 36 of 16-36, which was targeted as an Atoka-Morrow test. We're currently in the completion stages of that well right now. So we are prepping to ramp up. We have two wells proposed in October to spud in this immediate area. One is a 14,000-foot, one is a 13,000-foot, both targeted to the Morrow.

So it is through the drilling of these 25 to 27

wells, which we also have participated with Yates Petroleum in a number of wells in this area, Ocean Energy in this area. We just got through participating with Chesapeake in a 14,000-foot well. As a matter of fact, we just ran pipe on it two days ago in this area.

And through the participation as well as our drilling, we feel like we have a pretty good handle on drilling in this area for the Atoka-Morrow, yes, sir.

- Q. Let's look at Exhibit 5 again, the AFE.
- A. Yes, sir.

- Q. If you would discuss the well costs for the Examiner.
- A. Okay, this AFE was prepared by our drilling manager, Mr. Chuck Sledge. And basically, it's a standard drilling AFE for an Atoka-Morrow well in here.

There's nothing unusual in this particular AFE.

It is a vertical wellbore, basically standard day rates,

standard casing design programs, pretty much a standard mud

program.

We have learned that once you get down in the Morrow, you do need to mud up a little bit in case you have -- these Morrow sands can have 6000 pounds bottomhole pressure. You have to be aware of those kinds of things. But for the most part the mud system is relatively standard.

One of the key things in here that is added that probably a lot of early AFEs and companies did not add at that time is frac stimulation. We have learned in this particular area here that most of these wells require a fracture stimulation, where in the early days it was kind of a rule of thumb nobody ever frac'd a Morrow well for fear of the clays, the kaolinites, the water sensitivities and stuff.

It does appear like this area over here does not have those clay problems, and consequently there's a lot of Morrow wells over here that were never frac'd. And they had been starting to be frac'd in the last four or five years and had helped make them much more commercial wells.

It's basically a standard AFE.

- Q. What's your dryhole cost there?
- A. Dryhole cost is \$995,201.
  - Q. And the cost for a completed well?
- A. \$1,524,901.

- Q. As you said, that includes a substantial sum of money for the fracture completion?
  - A. Yes, sir, about \$100,000.
  - Q. In your capacity as exploration manager for Arrington, you're familiar with the charges assessed by Arrington and other operators for similar Atoka-Morrow wells in the area?

A. Yes, sir. Yes, sir.

- Q. And are the costs reflected on Exhibit 5 in line with what's being charged by other operators?
  - A. Yes, sir, they are.
- Q. Now, have you made an estimate of the overhead and administrative costs while drilling and producing this well?
- A. Yes, sir, and that appears to be \$6000 a month drilling overhead and \$600 a month for producing overhead.
- Q. And those costs, are they also in line with what's being charged in the area?
  - A. Yes, sir, they are.
- Q. And are you recommending that those costs be incorporated into any order that results from this hearing?
  - A. Yes, sir, I am, sir.
- Q. And does Arrington request that the order provide for an adjustment of the drilling and producing overhead rates in accordance with the current COPAS bulletin for the area?
  - A. Yes, sir, we do.
- Q. I want to address Arrington's diligence in developing this prospect, Mr. Baker. Could you explain, recount for the Examiner, Arrington's efforts to acquire and develop this acreage?
  - A. Yes, sir, I will. Let me find that, see if I've

got that chronology right here.

We first began acquiring -- Well, like I say, we have been working this area since 1998. We first acquired interest in this area in January of 2001, per a working interest agreement with Devon Oil Company out of Oklahoma City, and we were actively pursuing open acreage in this area for multiple prospects.

We later in that year, on March 1st, acquired a term assignment from Hunt Oil in these specific prospects, as well as some other lands in here. Basically, at that particular time we had a number of potential prospects going, but there was a lot of activity in the area. And we chose to watch activity, continued to gain interest. And we have a number of wells that were higher up on the drilling list that were located a little bit further east, that were in the middle of a drilling program there.

year that I actually proposed -- or, I say "proposed" -- I staked the first well here in Section 34. And that was just as I was going through my procedures of staking a well. I knew that Kukui had staked their well in Section 6. I knew about the Nadel and Gussman well, which was drilled last August, which was an Atoka-Brunson well, and that was helping establish my trend.

And so I basically felt like I kind of knew where

I thought the sand was headed. So I went ahead and started doing my prep work by getting the original location staked.

It was in June that we actually got the information on the Kukui well, got an opportunity to see the logs and well test data and stuff that did indicate that the sands were headed in that direction.

And because of that, I had to monitor and move my location just a little bit, so we restaked the well. And I believe we restaked that June 21st, I believe, is when we actually restaked the well on there. And it was at that time that we decided it was time to propose a well and send it out to the other working parties in this particular unit right here.

I actually prepared the original well proposal letter on June 18th, and --

Q. That's Exhibit 3?

A. Exhibit Number 3. And basically, I prepared a block form letter and gave it to our administrative secretary to send out to all parties that were in the working interest -- using the same block form.

She sent them to all the right people, but unfortunately she made that typo which was in, I think, the second paragraph in there. We noticed that two days after the well proposal had been sent out. We corrected that so that there would be no misunderstanding with any of the

working interest parties as to what we meant, you know, when we addressed them, that we wanted to let each one of them know that we were trying to work with them.

So we made the second proposal on June 27th --

Q. That's Exhibit 4?

A. Yes, sir, Exhibit 4.

Up until -- Well, at that particular time we had really no immediate response. I should say that on July the 23rd, Davoil contacted us and asked for a joint operating agreement, please be sent to them. I believe it was on July the 25th that Dale Douglas, who is another inhouse consulting landman for us, sent that joint operating agreement to Davoil.

This is a federal tract in here, so we did begin the arch. studies, and we started that in late July and filed the APDs and stuff to the BLM for approval of APDs on August 2nd, this year.

And then in mid-August of this year we had still not received any additional contact from anyone other than Davoil at that time, so we went ahead and moved forward with a pooling agreement, because we would like to drill this well as soon as possible.

Q. When you say you moved ahead with a pooling agreement, do you mean to say you moved forward with the compulsory pooling Application?

A. Application, yes, sir. We basically contacted Counsel and filed for Application.

In reference to a comment that Mr. Owen has made with the Tom Brown matter, in that Tom Brown letter, and this is something that Mr. Diffee, because of -- he was not aware of, is that the date that that letter was signed right there, I presented this -- basically this geology right here to Dave Thomas with Tom Brown. So yes, they have seen this information.

Under that letter there it says that they basically had ten days in which to respond. Because of the Labor Day weekend, they called us last week and asked if they could have an extension until sometime this week to get us an answer, and we graciously said sure, that's not a problem, because we felt like we already have an agreement with them. They did mention that they were leaning towards not participating. But Mr. Owen, that is not signed yet. But they did lean towards not participating in the deal.

To make a slight correction, Tuesday I received a very brief phone call from Mr. Headington at Great Western stating that I should be receiving a phone call from Randy Patterson with Yates Petroleum to talk about this proposal and that they actually supported Yates Petroleum in the operation of this well at that time.

And I said okay, I had not heard from Randy at

that time.

And later that afternoon, I did receive a phone call from Randy Patterson with Yates Petroleum. Randy did propose a voluntary agreement between Arrington and Yates Pet., basically designating Yates Petroleum as operator of the well, to be drilled on or before February 1st, 2003. If they did not drill or commence drilling by February 1st, 2003, they would turn operations to Arrington.

I told Mr. Patterson that obviously Mr. Arrington would like to operate the well. We felt like we were the single largest interest owner in the well, with a commitment one way or another of 32 percent. We had proposed the well first, we had submitted an AFE, we had proposed the well on us. Okay? We felt we were very diligent in moving forward with this, and we would like to drill it fourth quarter, is what we would like to drill. But I would take the proposal to Mr. Arrington.

I subsequently took the proposal to Mr.

Arrington. And basically he said, you know, I feel like
I'm the largest single interest in here. We proposed the
well first, I'd like to drill it in the fourth quarter.

Therefore, that proposal is off the table. And it was at
that time that we moved forward.

Q. So the only communication you had from Yates was verbal communication this week, correct?

A. I will tell you this much, back up just a little bit. I ran into Frank Scheubel, which is a geophysicist with Yates Petroleum, at the Permian Basin Landmans Association skeet shoot in August, and Mr. Scheubel did indicate to me at that time that they were going to participate in the drilling of the well. But that was all that was talked about.

So Yates at that time indicated that they had not problem with the location, they were going to participate.

- Q. By the way, the location is on Arrington acreage; is that correct?
  - A. Yes, sir.

- Q. But you foresee no written proposal, AFE or anything, from Yates?
- A. No, sir, we have not received any type of written well proposal, AFE, any type of counter-location or well proposal, as of yesterday afternoon at four o'clock.
- Q. In your opinion, Mr. Baker, has Arrington acted with diligence in the development of this acreage and the promotion of this well proposal?
  - A. Yes, sir, we feel we have.
- Q. What's the status of your APD with the BLM, if you know?
- A. I had our operations geologist, Mr. Danny
  Ledford, contact the BLM yesterday, and basically that is

in the process of being approved right now.

As best I know, Mr. Owens, there has been no archaeological problems, that we know of, and the BLM said they are trying to expedite the thing this week because they're going to be gone next week, but they foresee no problems. They were going to try to get it approved by the end of this week.

- Q. Now, to your knowledge, are you aware whether Great Western or any of the Yates Companies have submitted an APD to the BLM or C-101, C-102s to the OCD for their supposed proposal?
- A. Not that I'm aware of, no, sir. Not that I'm aware of.
- Q. All right, Mr. Baker, in your opinion will granting Arrington's Application be in the interests of conservation, the prevention of waste --
  - A. Yes.

- Q. -- and protection of correlative rights?
- A. Yes, sir, I believe so.
  - Q. Mr. Examiner -- Let me ask you one further question, Mr. Baker.
  - Were Exhibits 6 through 8 prepared by you or at your direction?
- 24 A. Yes, sir, they were.
- MR. HALL: And if you'll refer to Exhibit 9, Mr.

Examiner, that's our notice affidavit giving notice of this 1 hearing to the interest owners. We move the admission of 2 Exhibits 6 through 9 at this time. 3 EXAMINER BROOKS: Exhibits 6 through 9 are 4 admitted. 5 MR. HALL: And that concludes our direct --6 7 EXAMINER BROOKS: I'm sorry, I didn't ask if there are any objections to the exhibits. 8 MR. OWEN: No objection. 9 MR. FELDEWERT: No, Mr. Examiner. 10 EXAMINER BROOKS: Exhibits 6 through 9 are 11 admitted. 12 Mr. Owen? 13 CROSS-EXAMINATION 14 15 BY MR. OWEN: Mr. Baker, have you been conducting the 16 0. 17 negotiations with other interest owners personally? Outside of Yates Petroleum and that one short 18 conversation with Great Western, no, sir, I have not. 19 20 0. But has anybody else with Arrington conducted any other negotiations with other interest owners? 21 Dale Douglas was involved with Kirk McDonald of 22 Α. TMBR/Sharp -- or, excuse me, Tom Brown. 23 24 Q. Okay --25 And then he also sent the correspondence to Ken Α.

Smith with Davoil, and that's all.

- Q. Okay, have you heard anything else from Davoil?
- A. No, sir, we have not.
- Q. Do you know Davoil's relationship to Great Western Drilling is?
- A. Generally, it's almost like a brother-in-law relationship with Great Western. I believe they have pretty much been involved with Great Western forever, that I know of, and they pretty well depend on Great Western's geological and engineering testimony and generally follow suit with whatever Great Western does.
- Q. Okay. Is Arrington willing to negotiate with the other interest owners, including Great Western?
  - A. I think we're always open to negotiations.
- Q. Okay. You indicated that the proposal from Yates in which Yates would operate the well, unless it did not drill by February 1st, was off the table at this point; is that right?
- A. Yes, sir. And the reason for that was, Yates
  Petroleum at this particular time only has 17 percent of
  the interest in the well, and we felt like, well, we're the
  largest interest owner, so we have that rights to the Yates
  Pet. And we would also like to drill it in the fourth
  quarter. The would really like to drill it in 2003.
  - Q. All right. You indicated that the APD for this

1 well was in process and you expected approval this week? Yes, sir, I do. 2 Have you received any indication from the BLM 3 0. that they're going to make any changes to the location 4 proposed by --5 No, sir, that has not been indicated. 6 Α. 7 Q. Have there been any problems indicated by the BLM with this proposal? 8 Not that I'm aware of, no, sir. 9 Α. And you drilled three wells in the last -- Well, 10 Q. 11 you drilled one well a month ago and two wells proposed to drill in October; is that right? 12 Yes, sir. 13 Α. Are those also on federal land? 14 0. No, sir, they're not. 15 Α. They're not on federal land? 16 Q. 17 Α. No, sir. None of them are? 18 Q. 19 No, sir. Α. 20 MR. OWEN: Okay. That's all I have. EXAMINER BROOKS: Mr. Feldewert? 21 CROSS-EXAMINATION 22 23 BY MR. FELDEWERT: Mr. Baker, I know the parties have not had much 24 0. 25 time to talk about this operator issue, so I want to find

out a few things that I hope might speed things along.

Can you tell me what makes up your 32-percent

interest that you show in your Exhibit Number 2?

- A. That's probably better addressed by Mr. Diffee, but if Counsel doesn't mind I can make an effort at it.
  - Q. Okay.

- A. Basically, Mr. Arrington had an original interest in here through Hunt, which was approximately 21-point-something-percent interest.
- Q. Now, that is the term assignment that's going to expire on March 1st, 2003; is that right?
  - A. Yes, sir.
  - Q. Okay, so that's 21 percent.
- A. And then we also, per our Devon agreement, earned their interest in here, which was an additional 3-point-something percent, which knocked us up to 24.87 percent.
  - Q. What's the nature of your agreement with Devon?
- A. We have an agreement that covers a large area in here, an AMI area in here, which is basically a participation agreement that we established January 1st of 2001, approximately January 1st of 2001, where either of us could propose wells in here and the other one had the opportunity to participate in the deal or fall under the terms that were set out in the agreement, basically.
  - Q. Has Devon committed to participating in this --

No, sir, they haven't, they're going to pass. A. So 1 we got their interest. 2 You have their interest under the AMI --3 0. Yes, sir. Α. 4 Okay, and then what makes up the remaining -- The 5 Q. remaining 7 percent, is that the Tom Brown --6 7 Yes, sir, that is the Tom Brown interest. Α. That would be 7.1 percent. 8 9 As we've already talked about? 10 Yes, sir, we've already talked about that. Α. Okay. Now, did Mr. Arrington instruct yourself 11 Q. 12 or Mr. Diffee or anybody else to discuss your proposal with any of the working interest owners that are shown on 13 14 Exhibit Number 2 prior to filing your pooling Application? No, sir. 15 Α. Did he instruct you to attempt to negotiate an 16 Q. agreement with any of the interest owners shown here on 17 Exhibit Number 2 after filing your pooling application? 18 No, sir. 19 Α. You are aware, Mr. Baker, are you not, that these 20 other working interest owners would be willing to 21 22 participate in this project if Great Western was drilling this well? 23 24 Yes, sir, that's what I've been told. Α.

Okay. And their interests here comprise -- If

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Q.

you total it up, it would be what? Seventy -- or 68 1 2 percent? Because you all represent 32. Yes, sir. 3 Α. If my math is right, that would be 68 percent? Q. 4 Approximately. 5 Α. So am I correct, 68 percent of the working 6 Q. 7 interest owners would participate in this project if Great Western was the operator? 8 So I've been told. Α. 9 And if you add Hunt Oil to that, that would take 10 Q. it up to 75 percent, would it not? 11 Hunt Oil --12 Α. I'm sorry, Tom Brown's 7 percent. Because Tom 13 Q. Brown really doesn't care one way or the other, does he? 14 15 Α. I believe Tom Brown has represented that they 16 would support our position. 17 Q. Okay, and do you know if they would oppose the well if Great Western was the operator? 18 19 A. We have not specifically asked them that question, so I can't answer it. 20 21 Are you aware of any other working interest owner Q. in this property who is opposing Great Western as the 22 23 operator, other than Arrington? 24 Α. No, sir.

And if you could work out a deal with Great

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Q.

Western and get this -- that would accommodate your leaseexpiration concern, we wouldn't need a pooling order, would we?

- A. Not if the rest of the parties agree to participate in the well, I guess not.
- Q. I mean, is there any party on this list that you haven't been able to contact?
  - A. No, sir.

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- Q. Is there any party on this list that's not represented here today?
  - A. I don't believe so.
- Q. Okay. Have you attempted to reach an agreement with any of these working interest owners that would accommodate you lease-expiration concern?
- A. The only one that we've seriously talked to was Yates Petroleum, in our conversation with Randy.
- Q. Okay, and their proposal was to -- everybody enter in an operating agreement, dispense with the need for any kind of a pooling order, and if they don't drill a well by February 1st, you would have the operations; isn't that right?
  - A. Correct.
- Q. Okay. How long did it take you to get your APD with the BLM?
  - A. Well, we haven't received it yet, but we've been

in that process for over a month.

- Q. Okay. Have you talked to Yates about changing that arrangement that they propose, that would alleviate your concerns about your lease expiration?
  - A. No, sir, we have not had any further discussion.
- Q. Are you willing to continue to try to negotiate a deal with these other working interest owners that would avoid the need for the Division entering a pooling order?
- A. I think as long as Mr. Arrington appears to have the single largest interest, that we're probably going to stand on our position that we have the largest interest and that -- we contend that we would be in a better position to operate this well than Great Western.

Yates Petroleum is an experienced operator in the well, and they've operated a lot of wells. Great Western has not.

- Q. So your position here today, that because you have a 21-percent term assignment with Hunt Oil, that you have an agreement with Devon under which you acquired your 3 percent, and because you have some kind of arrangement with Tom Brown where you think you're going to get 7 percent, that you should be the operator, and there's no way that you're going to recede from that position in order to avoid the necessity of a pooling order?
  - A. Well, I guess we can look at it -- right now we

feel -- we definitely have 24.87 confirmed. Nobody else in 1 2 here has that large a single interest. And the Tom Brown is certainly up in the air until they sign, yes, sir. 3 MR. FELDEWERT: Okay, that's all I have. 4 Thank 5 you. MR. OWEN: I have a brief follow-up. 6 7 EXAMINER BROOKS: Okay. FURTHER EXAMINATION 8 BY MR. OWEN: 9 Do you know how many wells Great Western has in 10 Q. the area? 11 12 How many wells, or how many they've drilled 13 recently? 14 Q. How many wells they have in the area. No, sir, I do not. 15 Α. Looking at Exhibit Number 1, does it appear that 16 Q. there is a Great Western well within your yellow-shaded 17 18 area? In the yellow-shaded area, a well? 19 A. Whether active or not. 20 Q. There's not one in the yellow-shaded area. 21 Α. There's a notation that indicates Great Western 22 Q. Davoil. Is that the --23 That's their interest --Α. 24 -- interest --25 Q.

-- that's their interest, yes, Mr. Owen, yes, 1 Α. 2 sir. All right. Do you see any other wells that Great 3 Q. Western operates in the area? 4 I'll tell you, to the south of there they drilled 5 A. some wells in 1970 and 1971, yes, sir. 6 7 Okay. Do you know what their relationship is 0. with any of the other interest owners in this particular 8 well? 9 No, sir. 10 A. Arrington's position on not wanting to enter into 11 Q. 12 a joint operating agreement is premised upon Arrington's having the largest single interest ownership in these 13 minerals; is that right? 14 15 A. Partially, yes, sir. And also upon Arrington's experience in the --16 Q. 17 Yes, sir. A. -- area, right? 18 Q. Yes, sir. 19 Α. 20 Yates is a very experienced operator in the --Q. Yes, sir --21 Α. -- area, is it not? 22 Q. 23 -- they are. Α. If the other parties, all the other parties, as 24 Q.

Mr. Feldewert indicated, agreed upon another operator, such

as Great Western, Arrington would no longer represent the 1 single greatest ownership in this well; is that right? 2 Unless Yates Petroleum acquired farmouts or term 3 Just comprising a bunch of interests does not 4 assignments. make them the largest interest owner. If they were to get 5 farmouts or term assignments, then their interest could be 6 7 increased, yes, sir. Q. If Yates of Great Western obtains commitments to 8 9 join a well proposal advanced by either of them, they would represent the interests of the other interest owners in any 10 hearing before the Division; is that right? 11 Α. Through participation, yes, sir. 12 Okay. And except for -- If that happened, 13 0. Arrington would be the nonconsenting party at that point, 14 15 right? MR. HALL: Mr. Examiner, may I make an objection 16 based on the speculative nature of the questions? 17 EXAMINER BROOKS: I think they're argumentative. 18 19 I'll sustain the objection to this question. All right, no further questions. 20 MR. OWEN: Redirect, Mr. Hall? 21 EXAMINER BROOKS: 22 REDIRECT EXAMINATION 23 BY MR. HALL: 24 Q. Briefly, Mr. Baker, does Arrington have more recent experience than Great Western in the area of 25

drilling Atoka-Morrow-Brunson wells?

- A. Yes, sir, I believe we do.
- Q. Are you familiar with how many wells that Great Western has actually drilled in this area, or anywhere in southeast New Mexico recently?
- A. Well, obviously I don't monitor their day-to-day operations, but I'm pretty sure they haven't drilled anything in this immediate area in a long time.
- Q. And as far as we're concerned, Mr. Baker, isn't it accurate to say that the Great Western and Yates well proposals for this acreage are only speculative at this point in time?
  - A. Yes, sir.
- Q. I show you what's been marked as Exhibit Number

  10. Would you identify that, please, sir?
- A. This is a letter from Dale Douglas to myself concerning the Huma Huma "34" Number 1, and Dale sent me this letter because part of that interest is still under Dale Douglas in the title opinion here. But this basically states that he had only received two responses to our well proposal, one of them being from Ken Smith with Davoil on July the 23rd, and then the other one, the agreement letter with Tom Brown, Inc., regarding the proposed well.
- Q. All right, for the record let's establish who Dale Douglas is.

- A. Dale Douglas is a contract landman who has done work for Mr. Arrington for nine, ten years, for the most part, yes, sir. He does most of our work. Mr. Diffee does the other part of it.
  - Q. All right. The date of this letter is September 4th, 2002, correct?
    - A. Yes, sir.

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- Q. And so this is current information with respect to the status of Davoil's participation in the well proposal, correct?
- A. Yes, sir.
  - Q. Or I should say lack of participation.
- 13 A. Yes, sir, uh-huh.
- Q. Has -- You need to indicate yes for the record.
- 15 A. Yes, sorry.
- Q. The letter indicates that as of yesterday, five o'clock, that Davoil had simply requested a JOA --
- 18 | A. Yes.
- 19 Q. -- and that was provided to Davoil --
- 20 A. Yes, sir.
- 21 Q. -- that Davoil has had no other follow-up --
- 22 A. No.
- Q. -- conversation with Mr. Douglas about the well?
- A. No, sir, not that we know of.
- Q. And it also represents that Tom Brown's interest

1	is committed to the well, does it not?
2	A. Yes, sir.
3	Q. Mr. Baker, after the Division issues an order
4	pooling these lands pursuant to Arrington's Application in
5	this case, is Arrington willing to enter into further
6	negotiations with Yates, Davoil and Great Western for their
7	participation?
8	A. Yes, sir.
9	MR. HALL: Nothing further, Mr. Examiner.
10	We move the admission of Exhibit Number 10.
11	EXAMINER BROOKS: Any objection?
12	MR. OWEN: No objection.
13	EXAMINER BROOKS: Mr. Feldewert?
14	MR. FELDEWERT: No, Mr. Examiner.
15	EXAMINER BROOKS: Exhibit 10 is admitted.
16	Anything further from counsel?
17	MR. OWEN: Not with this witness.
18	EXAMINER BROOKS: Mr. Feldewert?
19	MR. FELDEWERT: No, Mr. Examiner.
20	EXAMINER BROOKS: Very good. I don't believe I
21	have any questions.
22	Mr. Catanach?
23	EXAMINATION
24	BY EXAMINER CATANACH:
25	Q. Just a couple. Mr. Baker, with regards to the

completion of the well, are you guys proposing to complete in the Atoka first? Is that its primary target?

A. Mr. Catanach, that's a very good question. We have had some recent experience with the Morrow, that if that Morrow develops quite nicely like the -- as you can see, the Kukui well right there had a pretty nice middle sand there. Those wells can be 3-BCF wells with proper frac stimulation.

If we feel like we're in a noncompetitive situation, i.e., we're downthrown, so we're not being drained necessarily by the Kukui well or any other well, then we would probably start at the bottom and come up.

If we -- obviously, for some reason, that fault moves and we're in a competitive situation, yes, sir, we would move to the Brunson sand first.

- Q. At this point you're not planning on any kind of dual completion in those zones?
- A. No, sir, we haven't had a whole lot of luck with duals.
- Q. Okay. With regards to some uphole potential, do you see any in this area?
- A. Well, sir, there's an awful lot of Wolfcamp strand lines coming through this area as well as some sporadic Strawn. The Strawn is generally located more to the south and southeast, but the Wolfcamp, there is a 50-50

shot you might stumble into one of these little strand 1 lines that sits back here behind the Townsend-Kemnitz reef 2 3 system. So yes, sir, we could have some Wolfcamp 4 potential. 5 Q. Okay. With regards to the 80-acre unit that 6 7 you're proposing, I'm not sure -- You've got listed the North Edison-Strawn Pool. Apparently that is on 80 acres. 8 I don't know what the setback requirements are for that 9 10 pool, but it's possible that may be an unorthodox location for that 80-acre pool, and I just wanted to say that for 11 12 the record. We might have to look that up. 13 So if you were to complete in an 80-acre pool, 14 you might have to get a subsequent unorthodox location. Α. 15 Okay. 16 EXAMINER CATANACH: That's all I have. 17 I have a couple questions. MR. JONES: EXAMINATION 18 19 BY MR. JONES: Mr. Baker, this Brunson-Atoka washed out in the 20 Q. Nearburg well? 21 22 Α. Yes, sir. 23 Why do you think it washed out, and what would Q. 24 you do different to keep it from washing out in your well? Well, basically, one of the things that we have 25 Α.

determined about the Atoka out here is, when you're drilling through this shale package out here, you need to have your water loss very low, because these shales are swelling shales in here.

We've also learned that that's an area you generally don't want to drill stem test, because the pressure release after a drill stem test will crush these shales, and basically you'll fight shale heavings the rest of the way down. So you can stand to lose a wellbore in this lower Atoka shale position here.

So more than likely -- and I have not seen the drilling records, I was not -- we didn't participate in this Nearburg well -- they were targeting the Devonian.

More than likely, they were going through here with a cut brine, so the water loss was probably 15, 20, 25. Those shales probably took water and just started heaving.

And so when that happens, your wellbore is way washed out. You know as well as I do, those curves go off-scale, and they're just not very reliable for predicting net pay.

- Q. So is there any disagreement about the depth of the well that you would drill, or is this --
- A. I have not heard anything specifically. I mean, the comments that have been made to me were simply by Yates Pet.'s Mr. Scheubel, and he hasn't indicated anything

different about well depth or well location or anything like that. I'm assuming we're all in agreement as far as the location goes.

- Q. Okay. Do most of your agreements have a casing point election? In other words, would the participating people, participating in the drilling, have an opportunity to make an election at the casing point?
- A. Yes, sir. I mean, there's always a casing point election letter sent out at the time of TD, total depth.

  And then once the logs are run, you -- under most joint operating agreements there's usually a -- 48-hour clock? -- that gives other working interest operators an opportunity to participate in the completion of the well or not.
- Q. Okay. And as far as getting gas in the pipeline quickly, how soon do you normally hook up your wells in this area?
- A. ASAP, as fast as possible. With the Kukui well being drilled, we have our own pipeline system out here in this immediate area, and that's Bluebird Pipeline, and we do an awful lot of work with Dynergy. We have done some work with Agave as well. We have a pipeline man.

So as we are drilling the well, if we drill stem test or test a zone that looks commercial, our pipeline guys are already moving on it. And with the Kukui well we can't be very far from a pipeline. I have personally not

1 researched exactly how far that is, but it can't be more 2 than half or three-quarters of a mile. 3 Q. Okay. And I guess you -- Are you the one who 4 names the prospects, and Mr. Arrington names the wells? 5 Yes, sir, I get to name prospects and I get to Α. name new field discoveries, and he names the wells. 6 7 Q. Okay. Yes, sir. 8 Α. 9 That's all my questions. MR. JONES: 10 EXAMINER BROOKS: Anything further from anyone? 11 Very good, the witness may step down. 12 MR. HALL: Nothing further, Mr. Examiner. 13 We would renew our motion to dismiss. We'll be 14 glad to follow up with a written motion if you prefer. 15 EXAMINER BROOKS: Okay, anything further from 16 other counsel? 17 Nothing further on the merits of this MR. OWEN: particular case at this time, Mr. Examiner. 18 19 However, I would note that the motion to dismiss 20 is not appropriate at this time. The application is not 21 actually before the Division at this time. It's been set 22 presumably for the October 10th hearing. That's when we 23 requested that it be set for when it was filed this 24 morning. And the motion to dismiss would presumably be

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appropriate at that time.

However, the issue is not ripe at this time, and we would request that the oral motion to dismiss, be denied.

EXAMINER BROOKS: Mr. Feldewert, anything?

MR. FELDEWERT: Mr. Examiner, I've kind of been sitting here and jotting some notes down, trying to piece through all of this argument about procedure and about who went first and who owns the interest, et cetera. I mean, what I'm hearing here today is that Arrington wants to drill in the last quarter of this year. They're concerned about a deal that's going to expire with Hunt Oil, which is not going to expire until March of 2003, which is five months away.

They've come quickly here, they've asked the Division to enter a pooling order without any real negotiation over the operating issue that exists between the parties. And in my experience, it seems to me that parties ought to be asking for a pooling order as a last resort, after they have entered into good-faith negotiation over the issue between them.

They have asked you to pool a number of parties here today without really entering into any kind of serious negotiation over how we can accommodate everybody's needs.

And I am convinced that if the parties here would agree to sit down and negotiate on this issue, that there would be

no need for a pooling order.

Great Western is going to come here on October 10th, and they're going to have a joint operating agreement that's going to be approved by 75 percent of the working interest owners out there. Arrington is the only one that is going to be opposed to that operating agreement, because they want operations, because they think they've got the biggest interest out there and they want to control it.

Now, I would suggest that if we got 75 percent of the working interest owners already agreeing to who was going to operate the well, already agreed to a well, already agreed to a location, already agreed to the costs, that if the Division would wait till October the 10th on this matter, there is a very good chance that we're going to have an agreement, and there's going to be no need for this Division to enter a pooling order, there's going to be no need for the Division to deal with risk penalties and everything else that comes up with a pooling order.

I don't see any prejudice to Mr. Arrington if we wait until October the 10th. Let's see if we can get an agreement and avoid the need for the Division's order in this case.

EXAMINER BROOKS: Thank you. Anything further, Mr. Hall?

MR. HALL: My only response to those comments are

that the positions of Great Western and of the Yates 1 Companies, that they are based solely on speculation at 2 this time. That's all I have to say about that. 3 **EXAMINER BROOKS:** Okay. 5 (Off the record) EXAMINER BROOKS: I will overrule the motion to 6 dismiss. 7 8 However, I would admonish that we will re-9 entertain it if there has not been a well proposal 10 submitted prior to the hearing on October the 10th. 11 And at this time I will continue Case Number 12,922 till the October 10th Examiner Hearing in order to 12 give an opportunity for it to be considered in conjunction 13 14 with any proposal by Great Western in the interim. MR. HALL: Let me make sure I understand what 15 16 we're doing here. Are you contemplating any further direct testimony on Arrington's Application on October 10th? 17 EXAMINER BROOKS: I wouldn't think it would be 18 necessary. It seems to me it's been fully presented, but 19 20 of course you will have the opportunity if you choose to present any additional testimony. 21 MR. HALL: The cases are not being 22 consolidated --23 EXAMINER BROOKS: 24 No. -- as I understand it? 25 MR. HALL:

1	EXAMINER BROOKS: No, we're just We will have
2	the opportunity to consider them in conjunction with each
3	other.
4	Okay, if there's nothing further, Case Number
5	12,922 is being continued to October the 10th.
6	(Thereupon, these proceedings were concluded at
7	10:16 a.m.)
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## CERTIFICATE OF REPORTER

STATE OF NEW MEXICO )
) ss.
COUNTY OF SANTA FE )

I, Steven T. Brenner, Certified Court Reporter and Notary Public, HEREBY CERTIFY that the foregoing transcript of proceedings before the Oil Conservation Division was reported by me; that I transcribed my notes; and that the foregoing is a true and accurate record of the proceedings.

I FURTHER CERTIFY that I am not a relative or employee of any of the parties or attorneys involved in this matter and that I have no personal interest in the final disposition of this matter.

WITNESS MY HAND AND SEAL September 7th, 2002.

STEVEN T. BRENNER

CCR No. 7

My commission expires: October 14, 2002