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2	STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT
3	OIL CONSERVATION DIVISION
4	STATE LAND OFFICE BLDG. SANTA FE, NEW MEXICO
5	21 October 1981
6	EXAMINER HEARING
7	IN THE MATTER OF:
8	Application of Harvey E. Yates
9	Company for statutory unitization, CASE Eddy County, New Mexico. 7391
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13	BEFORE: Richard L. Stamets
14	
15	· TRANSCRIPT OF HEARING
16	
17	APPEARANCES
18	For the Oil Conservation W. Perry Pearce, Esq.
19	For the Oil Conservation W. Perry Pearce, Esq. Division: Legal Counsel to the Division State Land Office Bldg.
20	Santa Fe, New Mexico 87501
21	Dohout Chund Eas
22	Robert Strand, Esq. For the Applicant: Harvey E. Yates Company
23	Roswell, New Mexico
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2	MR. STAMETS: We'll call next Case 7391.
3	MR. PEARCE: Application of Harvey E.
4	Yates Company for statutory unitization, Eddy County, New
5	Mexico.
6	MR. STRAND: Mr. Examiner, I'm Robert
7	Strand, attorney from Roswell, appearing for the applicant.
8	Mr. Examiner, I have three witnesses
9	who need to be sworn.
10	
11	(Witnesses sworn.)
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13	GEORGE YATES
14	being called as a witness and being duly sworn upon his oath,
15	testified as follows, to-wit:
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17	DIRECT EXAMINATION
18	BY MR. STRAND:
19	Q. Please state your name and where you
20	reside.
21	A. My name is George Yates. I'm from
22	Roswell, New Mexico.
23	Q. Mr. Yates, what is your position with
24	the applicant, Harvey E. Yates Company?
25	A. I'm president.

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2	Q	As president of Harvey E. Yates Company
3	are you responsible	for all exploration and production acti-
4	vities?	
5	Α.	I am.
6	Q.	Have you previously testified before the
7	Commission with rega	rd to such matters as risk and non-consen
8	penalties?	
9	А.	I have.
10		MR. STRAND: Mr. Examiner, are Mr. Yates
11	qualifications for t	hat purpose satisfactory?
12		MR. STAMETS: They are.
13	Q.	Mr. Yates, are you familiar with the
14	application in Case	Number 7391?
15	А.	Yes, I am.
16	Q.	Will you briefly state the purpose of
17	the application?	
18	А.	We're requesting an order by the Conser-
19	vation Commission fo	or statutory unitization of our proposed
20	Travis Penn Unit for	secondary recovery purposes.
21	Q.	Would you please state for the record
22	what lands are propo	sed to be included in the unit area?
23	Α.	The unit area includes in 18 South,
24	Range 28 East, Eddy	County, New Mexico, the south half of the
25	southeast of Section	12; the north half and the north half

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2	southwest of Section 13.
3	Q. What is the mineral ownership underlying
4	these lands?
5	A. 50 percent Federal, 50 percent State of
6	New Mexico.
7	Q. Mr. Yates, would you state just generally
8	what formation is proposed to be unitized and what type of
9	enhanced recovery operations are we proposing?
10	A. The formation unitized is the Travis
11	Canyon zone in the Canyon formation. It's a it's a Penn-
12	sylvanian limestone, and it's defined in the agreement as
13	the Canyon formation found in the No. 2 Travis Well.
14	Q. And, Mr. Yates, generally what type of
15	secondary recovery operation are you contemplating?
16	A. We're contemplating a waterflood.
17	
18	history of development of the Travis Upper Penn Pool, the
19	Cisco Canyon formation to date?
20	A. The Canyon discovery was was made
21	initially by us as operator in 1978. The Canyon since has
22	Canyon Field has been developed with six wells completed or
23	drilled through the Canyon in anticipation of a Canyon com-
24	pletion, with one well presently drilled.
25	Q. Mr. Yates, did the Division enter an

We had an operator's meeting subsequent

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to our sending our initial draft out. We had an operator's meeting in February of this year at which approximately 80 percent of the working interest owners were present. We discussed the agreement, provisions in the agreement, and also the recommendation for a waterflood, which was the recommendation which came out of our engineering study.

Q. Mr. Yates, has that plan of -- written plan of recovery that you described been submitted to all of the working interest owners under the proposed unit area?

A. Yes. Yes.

Q Has the Division in Cases Numbers 7044 and 7320 previously entered orders approving the Travis Penn Unit Agreement and authorizing injection of water into the proposed unitized interval --

- A. Yes.
- Q. -- the Upper Canyon?
- A. Yes.

MR. STRAND: Mr. Examiner, I would request that Orders R-6502 and R-6765, and the supporting testimony and exhibits be made a part of this case.

MR. STAMETS: Those orders and the appropriate cases and all the transcripts and supporting documentation will be made a part of this record.

MR. STRAND: Thank you.

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2	Q. Mr. Yates, you've briefly described the
3	unit agreement that has been submitted to the interest owners
4	under the proposed unit area. Have you also prepared and sub-
5	mitted a proposed unit operating agreement to the working
6	interest owners?
7	A. We have.
8	Q. Mr. Yates, I've handed to the Examiner a
9	unit operating agreement and unit agreement, which are desig-
10	nated as Exhibits One and Two. Are you familiar with these
11	agreements?
12	A. Yes, I am.
13	Q. Do these agreements set out the ownership
14	of the various tracts underlying the proposed unit area as
15	to both royalty, overriding royalty, and working interests?
16	A. Yes, they do.
17	Q. Again, have these agreements been pro-
18	vided to all working interests, or at least the unit agreement
19	excuse me, been provided to all the working interests, royalt
20	and overriding royalty, and other interest owners?
21	A. Yes.

Mr. Yates, you've already described the operator's meeting that was held in February. Would you also describe any other efforts that Harvey E. Yates Company as proposed operator has undertaken to secure voluntary

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unitization of the unit area?

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A. Yes. In fact, at the operator's meeting last February we received unanimous verbal approval for the unit itself, the methodology of secondary recovery, the method of secondary recovery. We received verbal approval for the provisions of the agreement.

We've gone forward since then in providing all of the working interest owners with a unit agreement
as it was revised in accordance with that meeting. We've also
submitted schedules of allocation of production based on our
allocation formula. We've, of course, responded and discussed the various provisions of that agreement with -- with
several of the working interest owners.

Now, I'd like to emphasize that we've received verbal agreement from 100 percent of the working interest owners in the unit. We, however, lack ratifications presently under 12 percent of the unit.

Under 5 percent of that 12 percent it's supposed to be signed and on its way to us, but we lack 7 percent of the working interest owners committed. That interest is owned by a company that at our operator's meeting expressed support for the unit agreement and for the method of secondary recovery.

Mr. Yates, the original unit agreement

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that was submitted to the interest owners, as I remember, covered 400 acres, is that correct?

That's correct.

additional well out there and added an additional 80 acres? We have. We have. In the interest of time we added another 80-acre tract. We have had several deadlines for completion of the unit. Unfortunately because of the slow return of paperwork covering the unit we found that time outran us. We drilled an additional well and we had the Canyon zone in that well, and so we expanded the unit

And subsequently have you drilled an

Mr. Yates, you requested the interest owners to ratify this amendment in the unit agreement?

Yes, we have.

And have you received ratification from 0. the majority of the interest owners to date?

Yes, we have. Yes, we have.

Mr. Yates, in the original unit operating agreement, which is Exhibit Number Two, there was no provision in there for non-consent operations. Was this at the request of the interest owners at the meeting in February?

At that time, as I said, we had It was. unanimous support of the group with the unit. We didn't anti-

cipate any non-consent operations.

Mr. Yates, it's my understanding under the statutory unitization provisions of New Mexico law that if any order is entered in this matter it will be required that a -- that provisions be included in that order relating to the recovery of costs from parties who do not consent to operations under the unit and also a provision relating to the interest of such parties being assigned as to the other parties until such costs are recovered.

Do you have any recommendations for the Division as to non-consent provisions for additional drilling on the unit and any penalties or additional charges for operating as to non-consent owners?

A. I would recommend that the agreement have a non-consent provision, which is identical to the working interest unit that most of the acreage is subject to.

And that is a 300/100 percent non-consent provision for additional drilling.

I would further recommend that in the case of surface equipment, operating costs, that are required for the secondary project that -- that the -- that there be a charge over and above the recovery of costs, of interest to finance those -- those expenditures of primary plus two percent in addition to the standard operating costs, as pro-

CROSS	EXA	MINZ	ኒጥፓ	ON

3 BY MR. STAMETS:

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0. Mr. Yates, I wish you would clarify the non-consent provisions. You've said that those should be the same as something that's already applicable in this area, and I didn't catch that.

A. The lands that are now part, or will be part of the proposed Travis Penn Unit, were subject to an operating agreement in a working interest unit, the Travis Deep operating agreement, and in that operating agreement we had a 300 percent penalty for non-consent drilling oper-That's the agreement to which I refer.

Okay, now that -- that would be appli-0. cable to everything that's in the unit presently.

That's correct. Now we do not anticipate drilling operations under lands that are committed to the unit; however, it's possible that based on engineering data that might be forthcoming in the future we would recommend infill drilling or smaller spacing under the tracts that are committed to the unit.

There will be some costs of unit opera-0. tion, though, regardless of whether additional wells would be drilled. Does the same 300 percent apply to those costs?

> In our operationg agreement, no, our A.

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operating agreement has an interest penalty provision but the operating agreement was not set up, of course, to cover secondary operations.

Q. You would wish an order which would allow you to collect the costs of these operations from those people who do not choose to pay their share.

A. That's correct, plus interest that we have to pay to represent their share.

Q. Okay, and I presume we will be getting some information later on which will represent what the various shares are to the interest owners in the proposed compulsory pooled unit.

A. Yes.

Q. Okay. Now, the law does require that we have a provision in the order for carrying any working interest owner limited, carried, or net profits basis payable at production upon such terms and conditions determined by the Division to be just and reasonable and allowing appropriate charged interest for such service payable out of the owner's share of production.

What would that interest rate be?

A. Mr. Examiner, I would recommend that we base it on a prime rate plus two percent. The reason for that is that the operator pays interest on a floating basis,

as do most companies today, and so I would suggest that we base it on some floating rate, and my suggestion, prime plus two, fits the category of roughly the range of interest that we presently pay and would foresee paying under the terms of this agreement -- under the term of the agreement.

Q. This two percent, would you see that as a service charge?

A. Well, no, I would not. It's -- we are presently not paying that rate of interest, however, if interest rates subside we very well might be. Some -- some outstanding credit arrangements we have require us to pay slightly more than prime.

I would not say it would be a penalty since it would represent approximately the interest rate that most well secured borrowers are borrowing at. But what it does is it would anticipate the -- a small fluctuation in the credit markets.

MR. STAMETS: Any other questions of this witness? He may be excused.

JOE HALL

BEING called as a witness and being duly sworn upon his oath, testified as follows, to-wit:

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2			DIRECT EXAMINATION		
3	BY MR. STR	AND:			
4		Q.	State your name for the record and your		
5	place of r	esidence.			
6		Α.	My name is Joe Hall. I live in Roswell,		
7	New Mexico	•			
8		Q.	Mr. Hall, what is your position with the		
9	applicant,	Harvey E.	Yates Company?		
10		А.	I'm employed as the attorney for Harvey		
11	E. Yates C	ompany.			
12		Q.	Mr. Hall, are you familiar with the ap-		
13	plication	in Case Nu	mber 7391?		
14		Α.	Yes, sir, I am.		
15		Q.	Are you also familiar with the proposed		
16	Travis Penn Unit agreement and unit operating agreement, the				
17	provisions	contained	therein, and have you assisted in preparing		
18	these agre	ements?			
19		А.	Yes, sir, I have.		
20		Q.	Mr. Hall, were these agreements generally		
21	based on the American Petroleum Institute model forms for				
22	voluntary unitization, being revised to fit certain circum-				
23	stances in	this case	?		
24		A.	Yes, sir, they were.		
25		0.	Were they also based to some degree on		

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other unit agreements and unit operating agreements for secondary recovery operations that are presently in force in southeastern New Mexico?

A. They were.

Q. Mr. Hall, referring to page two of Exhibit
Number One, which is the unit agreement, would you please read
for the record the definition of the unitized formation?

A. All right. Unitized formation is Section 2, subsection (h).

"Unitized formation" shall mean that subsurface portion of the unit area commonly known as the Cisco Canyon formation, which is that continuous stratigraphic interval that was encountered between the log depths of 9815 feet and 9935 feet in Harvey E. Yates Company's Travis Deep Unit No. 2 Well, as shown on the CNL Density Radioactive log of said well, dated June 23rd, 1977, which well is located 1980 feet from the north line and 1780 feet from the east line of Section 13, Township 18 South, Range 28 East, Eddy County, New Mexico.

Mr. Hall, referring to page five of the unit agreement, Sections 6, 7, and 8, do these provide provisions for designation of a unit operator, resignation or removal of the unit operator, and appointment of a successor operator?

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Yes, sir, they do.

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MR. STRAND: Mr. Examiner, I don't propose to go into detail on these particular provisions unless you wish me to. There are matters that are mentioned in the statute as being required as a part of your order.

> Right. That's fine. MR. STAMETS:

Mr. Hall, referring to page eight, Sec-Q. tion 13 of the unit agreement, I would again like you to read for the record the allocation formula for tract participation.

All right. Section 13 is entitled Tract A. Participation.

In Exhibit "C" attached hereto there are listed and numbered the various tracts within the unit area, and set forth opposite each tract are figures which represent the tract participation if all tracts in the unit area qualify as provided herein. The tract participation of each tract, as shown in Exhibit "C", were determined in accordance with the following parameters:

The net porosity feet of pay with porosity above a four percent cutoff shall be determined from interpretation of generally accepted calibrated electric log surveys of the qualifying wells through the unitized formation. The net porosity feet so determined at each well in the formation tion to be unitized shall be plotted on a map at the respective

well locations and an isopachous map constructed.

B. The productive net porosity acre feet for each qualifying tract shall be determined by planimeter methods from the constructed isopachous net porosity feet of unitized formation.

C. The tract participation of each qualifying tract will be the ratio of the individual tract net porosity acre feet volume divided by the summation of the net porosity acre feet volumes of all qualifying tracts.

In the event that less than all tracts are qualified on the effective date hereof, the tract participations shall be calculated on the basis of all such qualified tracts rather than all tracts in the unit area.

Mr. Hall, are these allocations you've testified to reflected in Exhibit C to the unit agreement, which shows the interests of the various parties thereto?

A. Yes, sir, Exhibit C was prepared based on the tract participation figures.

Q. And these are based on the 480 acres which Mr. Yates testified are now to be included in the unit area.

A. Yes, sir, they are.

Q. Mr. Hall, referring to Exhibit Number

Two, the unit operating agreement, does this agreement con-

1 20 2 tain an investment adjustment provision relating to personal 3 property owned by the unit interest? Yes, sir, they do under Article 10, 5 page six. 6 Does this operating agreement under 7 Article 4 also describe provisions relating to voting proce-8 dures among the working interest owners? Yes, sir, they do, on page three. 10 Mr. Hall, does Harvey E. Yates Company 11 request that these provisions you have testified to and all 12 other provisions of Exhibits One and Two, including the ex-13 hibits thereto, be approved by the Division and incorporated 14 in any order entered in this matter? 15 Yes, sir, we do. A. 16 In addition, does Harvey E. Yates Com-0. 17 pany request that it be designated as operator of the Travis 18 Penn Unit? 19 Yes, sir, we do. A. 20 MR. STRAND: I have no further questions 21 for Mr. Hall. 22 23 CROSS EXAMINATION 24 BY MR. STAMETS: 25 Mr. Hall, is there anything contained Q.

A. Yes, sir, it was.

9. Have you previously testified as to the results of this study in Cases Numbers 7044 and 7320, and has this written been admitted into evidence in those cases?

A. Yes, sir, it has.

Mr. Viney, would you describe very briefly the geological and engineering characteristics of the proposed unitized formation?

A. Yes, sir. If I may quote from previous things, the Canyon reservoir in the Travis Upper Penn Pool is actually a shallow water shelf edge bioherm.

The structural change through the log portions or the available logs, indicates approximately about 134 to 135 feet of structural growth in that reef.

actually included in three to four separate stages, which may or may not be connected back in the matrix of the reservoir.

There is evidence of good pressure transmissibility between wells and again we cannot determine at this time whether the porosity zones that exist in all wells are continuous between all wells, nor are they, or may they be connected within the matrix portion of the reservoir.

Performance to date would suggest that there is communication. Where, I cannot definitely state.

Q. Mr. --

A. Now, let me finish. You asked about the

porosity.

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The porosity, as measured in this parti-

cular study, was dependent entirely upon empirical methods since log -- I mean cores were not available. You will recall in earlier testimony that attempts were made to core these wells and the cores of the pay sections were lost and consequently, we had to develop the porosities from the empirical using empirical methods from the logs.

Porosities range anywhere from 2 percent as high as possibly 12 to 14 percent. The average in the range of probably 6 to 8 percent.

Q. In your prior testimony in Cases 7044 and 7320 have you testified in some detail as to the methodology of your study and your conclusions as to the present state of the reservoir?

A. Yes, sir, we did.

MR. STRAND: Mr. Examiner, with your leave, we won't go into any further detail on that. It's already a matter of record.

MR. STAMETS: That's fine.

Q. Based on your study, Mr. Viney, have you reached a conclusion as to what enhanced recovery method

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would be most effective in the Travis Upper Penn Pool?

Yes, sir, we have -- we looked at two or three enhanced recovery methods and due to availability and economics indicated that water would possibly be the most efficient at this time.

Mr. Viney, is it your opinion that unitization or unitized management, operation, and development of the Travis Upper Penn Pool is reasonably necessary in order to effectively carry out this waterflood program you've recommended?

It would be best and probably the most A. beneficial way to handle the production of these wells.

And, repeating my question, do you feel 0. that unitization is necessary?

Yes, sir, I would, because of the location of these wells, yes, sir.

Do you propose to use certain of these Q. wells as injection wells?

Yes, sir.

Do you feel that this proposed unitiza-0. tion and waterflood program would substantially increase the ultimate recovery of oil and gas from the proposed unitized formation?

> Yes, sir, we do. A.

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2	Q. Andis that detailed in your study as
3	to what your opinions are as to that increase?
4	A. Yes, sir, they are set out in that filed
5	with the Commission.
6	Q. Is it further your opinion that the
7	proposed unitized method of operation is feasible and will
8	prevent waste and protect correlative rights and will result
9	with reasonable probability, in such increased recovery?
10	A. Yes, sir.
11	Q Did your study also cover the costs
12	involved in the proposed waterflood operation as opposed to
13	the increased revenue which might be generated from the pro-
14	gram?
15	A. Yes, sir, we made estimates of installa-
16	tion and operating costs thereof.
17	Q. Is it your opinion that the cost of
18	conducting such operations would not exceed the value of the
19	additional oil and gas recovered plus a reasonable profit
20	resulting from the operations?
21	A. Yes, sir, there would be a substantial
22	profit, or should be a substantial profit.
23	${\mathfrak Q}$ Mr. Viney, did you assist in developing
24	the tract participation formula previously testified to by

Mr. Hall and read into the record?

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Yes, sir, we did. A.

Would you explain this formula and particularly explain its applicability to the particular unitized interval we're talking about?

Yes, sir. Basically, at the operator's meeting in February of 1981 it was decided and generally agreed upon that the unitized sections and parameter participations would be calculated using porosity above a four percent cutoff as indicated on acceptable electric logs of the wells to participate.

Further, the water saturations being empirical in nature were not to be included in that parameter To provide weighting -- to provide weighting for porosity intervals, the areas above four percent, having porosities exceeding that, were planimetered and the average porosity of the zones in each well was then calculated giving the rating for the better porosities and overall general averages that appeared.

This material when related to a porosity foot basis was then plotted on a surface map at the location of each well and an Isopachous map constructed using the data, and that -- that Isopach prepared was than planimetered to arrive at the volume of each porosity feet beneath each tract and those values then summated and divided by the ap-

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propriate totals and tract totals to arrive at the parameters or the participation for each tract.

Q. Mr. Viney, is it your opinion that this formula allocates the unitized substances we anticipate to produce to the tracts in the unit in a fair and equitable and reasonable basis?

A. That is as fair as we have with the logs available, yes, sir.

Q. And do you feel that this tract participation formula will adequately protect correlative rights?

A. Yes, I do.

Mr. Viney, it is it further your opinion that this unitization and waterflood operations you've talked about will benefit the working interest, royalty, and other oil and gas -- and other owners of oil and gas rights in the unitized interval?

A. Yes, sir, by the increase of revenues and protection afforded thereby.

MR. STRAND: I have no further questions of Mr. Viney.

 $\label{eq:MR.STAMETS:} \mbox{ Are there questions of } \\ \mbox{Mr. Viney? He may be excused.}$

MR. STRAND: Mr. Examiner, I move the admission of Exhibits One and Two.

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mitted.

MR. STAMETS: These exhibits will be ad-

The only question I believe I have is to

Mr. Yates, who testified earlier.

GEORGE YATES

being recalled as a witness, testified as follows, to-wit:

RECROSS EXAMINATION

BY MR. STAMETS:

Q. We are required to make a finding that the operator has made a good faith effort to secure voluntary unitization within the pool or portion thereof affected.

Could you just kind of briefly run through the history of this thing again for the record, and make certain that we do have a bona fide voluntary unitization effort?

A. We first communicated --

MR. STRAND: Mr. Examiner, we have a series of letters if you would like those submitted.

A. We first corresponded with the unit about secondary recovery more than a year ago. In fact, I believe it was November of last year when we got our first unit agreement for discussion purposes into the hands of the other

working interest owners.

We followed that up. We responded to suggestions by the rest of the unit owners and felt that we we had our agreement to a point that it could be acceptable by all parties. To speed up the process we had an operator's meeting in Midland that was well attended. In fact, those parties who have not ratified the unit agreement were represented at that meeting and did respond at that meeting, did make suggestions, which, when there was unanimous agreement, those suggestions were complied with.

All parties at that unit meeting, operators meeting, indicated their support for the unit agreement and support for the operations for the method of secondary recovery.

Since that time we've talked to -- to the working interest owners that have not ratified the unit almost on a weekly basis; almost on a weekly basis. We first had a deadline for injection of water of the 1st of June. We now have a deadline of 1st of November. We're in constant communication with all of our working interest owners and right now we've been pressing them to sign and return and the kinds of excuses that we get from the one party who's outstanding are in our minds not reasonable because they -- they raise very small issues and it looks more like delaying

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tactics than anything. But we've made a bona fide effort, as good an effort as anybody could make, I believe, because we've been in weekly communication with -- with all the parties that have not signed it. I don't know what else could be done.

Q Do you believe that the U. S. Geological Survey and State Land Office will approve the unit?

A. Yes, we --

Q. With production of an order issued by this Division?

Yes, I believe so.

MR. STAMETS: Any other questions of

this witness?

A.

MR. PEARCE: Mr. Examiner, if I may.

CROSS EXAMINATION

BY MR. PEARCE:

Q. If the numbers were mentioned before, I apologize for having missed them.

Section 70-7-8 requires 75 percent of the people that are going to pay the cost to have approved in writing. We heard one discussion of about 80 percent and then I heard the word "majority" mentioned another time.

Sometime in the future could you provide

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us with a tabulation of the percentage ownership of everyone who has ratified the unit agreement?

A. If I might clarify that, the original agreement had an allocation provision in it. We have an agreement and then we have a subsequent agreement where all parties agreed to our interpretation of the allocation provision.

In other words, the original agreement has an allocation provision that defines what each well will represent, the formula itself, net porosity feet, and so forth. But then we have to calculate porosities off the well logs and submit that data to the working interest owners.

Now even though they'd previously agreed to the -- to the agreement, we still need them to ratify the allocation. Now, the agreement itself has -- has been ratified by 87 percent of the working interest owners. Another 5 percent of the working interest owners, another 5 percent is represented by a company who says it's in the mail. So there's really only 7 percent outstanding if that's true.

Now, when we sent out -- now what we have majority approval on is the allocation provision where we took the -- the provision for allocation of interest in the unit agreement and calculated the log porosity feet, and so forth, and requested that the -- the unit ratify that

specific allocation.

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a recommended change, slight change in wording in the alloca-

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tion provision, because we -- we agreed with some comments

that were made by other -- by other people in the unit that

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additional language could -- could make that definition more

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clear.

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Now, that's -- that's the instrument

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that we have majority approval on, not the 87 percent.

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MR. STRAND: Mr. Yates, do you anticipate

Now at the same time we sent out a slightly,

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getting more than 75 percent approval of the instruments we're

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submitted as Exhibits Number One and Number Two, which are

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the final forms of these agreements?

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Yes, certainly do. A.

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MR. STRAND: Mr. Yates, just one more

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question.

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From an operational standpoint do you

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feel it's imperative that we get this operation off the

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ground as soon as possible?

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I certainly do. I think that we're --

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of course, we're losing production right now. We're at the

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bubble point. We should have been injecting several months

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ago. We did not anticipate the kinds of delays that we're

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encountered. We may be losing ultimate reserves today as a

result of our not repressuring the reservoir. We're concerned.

MR. STAMETS: Any other questions of this witness? He may be excused.

Anything further in this case?

MR. PEARCE: Mr. Examiner, if I may,

I would like for this record to reflect that a formal entry of appearance by the State Land Office has been filed with the Commission in this proceeding and they are therefor a party of record to this proceeding for any future proceeding that may be necessary.

MR. STRAND: Fine.

MR. STAMETS: If there is nothing further, the hearing -- the case will be taken under advisement.

(Hearing concluded.)

CERTIFICATE

I, SALLY W. BOYD, C.S.R., DO HEREBY CERTIFY that the foregoing Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability.

Savey W. Boyd CSR

I do have by certify that the foregoing is a consider a retrief of the promultings in

the charge a return of me produced as 7391.

Exercises

Oil Conservation Division