

NEW MEXICO OIL CONSERVATION COMMISSION

EXAMINER HEARING

SANTA FE NEW MEXICO

REGISTER

ILLEGIBLE

HEARING DATE APRIL 24, 1963 TIME: 9 A.M.

NAME:	REPRESENTING:	LOCATION:
Jack N. [illegible]	Mobile Oil Co	Hobbs
Frank [illegible]	Pan American Petroleum Corp	Farmington
Gold [illegible]	Surgeon	Carlsbad
King [illegible]	Let [illegible], Idavici	Santa Fe
V. T. [illegible]	[illegible] Oil Co	Hobbs
J. [illegible]	Continental Oil Co	El Paso
J. [illegible]	Mobile Oil Co	Abilene
Richard [illegible]	Mobile Oil Co	Abilene
C. K. [illegible]	Texas Inc	Midland, Texas
D. L. [illegible]	Texas Inc	" "
John R. [illegible]	Marathon Oil Co	Hobbs
Don [illegible]	[illegible]	Midland, Texas

NEW MEXICO OIL CONSERVATION COMMISSION

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NAME:	REPRESENTING:	LOCATION:
Chas. Truitt	Thrust Truitt	Roswell
RA Madigan	Water Supply Co.	Hobbs
Mark A. [unclear]	C. [unclear]	Santa Fe
Lucas [unclear]	[unclear]	←
[unclear]	Callahan [unclear]	Santa Fe
A. C. [unclear]	C. [unclear]	"
M. E. [unclear]	O. C. [unclear]	Arturo

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BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
April 24, 1963

EXAMINER HEARING

IN THE MATTER OF:

The hearing called by the Oil Conservation Commission on its own motion to permit Everett D. Burgett and all other interested parties to appear and show cause why the Meyers Union Well No. 1, located in Unit 1 of Section 11, Township 23 South, Range 27 East, and the Richardson-Bass State Well No. 1, located in Unit H of Section 5, Township 25 South, Range 28 East, both in Eddy County, New Mexico, should not be plugged in accordance with a Commission-approved plugging program.

CASE 2792

IN THE MATTER OF:

The hearing called by the Oil Conservation Commission on its own motion to permit Everett D. Burgett and all other interested parties to appear and show cause why the Pure State Wells Nos. 1, 2, 3, and 7, located in Units J and O of Section 15, and the Magnolia State Well No. 1, located in Unit E of Section 14, all in Township 21 South, Range 27 East, Eddy County, New Mexico, should not be plugged in accordance with a Commission-approved plugging program.

CASE 2793

BEFORE: Elvis A. Utz, Examiner

TRANSCRIPT OF HEARING

MA. U.Z: Case 2792.

MR. DURRETT: In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Everett D. Burgett and all other interested parties to appear and

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show cause why the Meyers Union Well No. 1, located in Unit I of Section 11, Township 23 South, Range 27 East, and the Richardson-Bass State Well No. 1, located in Unit H of Section 5, Township 25 South, Range 28 East, both in Eddy County, New Mexico, should not be plugged in accordance with a Commission-approved plugging program.

If the Examiner please, I have held a conference with Mr. Burgett prior to this hearing, and on that basis I would like to state to the Examiner at this time that he will enter into a stipulation with us; so on that basis I would like to request that Case 2793 be called at this time and be consolidated with this case for the purpose of taking testimony.

MR. UTZ: Case 2793 will be consolidated with Case 2792 for the purposes of testimony. You may proceed on both cases.

MR. DURRETT: Thank you. I believe that the stipulation -- Now, Mr. Burgett is here today. He will appear on his own behalf, and I would like to state for the record that the stipulation that he is willing to enter into with the Commission is that he will plug all wells that are the subject matter of these two cases, with the exception of Pure State Wells Nos. 1, 2, 3, and 7.

Now the Commission proposes to present testimony in evidence concerning the Pure State Wells Nos. 1, 2, 3, and 7, so they would be excluded from this stipulation; but as to all other wells and for the purpose of the record, I will read the



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names of the wells. That's the Meyers Union Well No. 1 located in Unit I of Section 11, Township 23 South, Range 27 East, and the Richardson-Bass State Well No. 1 located in Unit H of Section 5, Township 25 South, Range 28 East, both in Eddy County, New Mexico; and the Magnolia State Well No. 1, located in Unit E of Section 14, Township 21 South, Range 27 East, Eddy County, New Mexico. These wells I have just mentioned would be the subject matter of this stipulation.

I believe that Mr. Burgett has stated that this Magnolia State Well No. 1 has been plugged but that he hasn't filed the necessary reports, and I would like to ask him at this time to comment on that well and also upon the stipulation. Is that correct, Mr. Burgett?

MR. BURGETT: That's correct.

MR. DURRETT: That is the Magnolia State Well No. 1 that has been plugged?

MR. BURGETT: It has been plugged. The marker has not been set.

MR. UTZ: Do you intend to put Mr. Burgett on the stand?

MR. DURRETT: I don't intend to put Mr. Burgett on the stand, and I believe he intends to take the stand on his own behalf, and I'll have him sworn later.

MR. UTZ: I see.

MR. DURRETT: If the Examiner please, I would like to have the stipulation that I have just stated made a part of the record,



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and I would like to have Mr. Burgett state for the record that he would accept the stipulation to plug all of the wells that are the subject matter of these two cases, with the exception of the Pure State Wells Nos. 1, 2, 3, and 7. Would you accept that stipulation, Mr. Burgett?

MR. BURGETT: I will.

MR. UTZ: That stipulation includes two wells in Case 2792, the Meyers Union No. 1 and the Richardson-Bass No. 1, and in Case 2793 the Magnolia State No. 1?

MR. DURRETT: Yes, that's correct.

MR. UTZ: Three wells?

MR. DURRETT: Yes. Would thirty days be a reasonable length of time to have them plugged?

MR. BURGETT: That's sufficient.

MR. DURRETT: You will also stipulate to that?

MR. BURGETT: Yes, I will stipulate to that.

MR. DURRETT: Thirty days would be the limit as far as the plugging date. Since the stipulation has been entered, I would now like to call Mr. M. L. Armstrong as my first witness in this matter. I believe he'll be the only witness that the Commission will call. I'll swear him in at this time.

(Witness sworn.)

MR. UTZ: Let me ask for other appearances. Are there other appearances in this case? You intend to make an appearance, do you not, Mr. Burgett?



MR. BURGETT: Yes.

MR. UTZ: You may proceed.

M. L. ARMSTRONG

called as a witness, having been first duly sworn on oath, testified as follows:

DIRECT EXAMINATION

BY MR. BURGETT:

Q Please state your name and position?

A M. L. Armstrong, New Mexico Oil Conservation Commission, supervisor of District Two.

Q Mr. Armstrong, are you familiar with all of the subject wells in Case No. 2792 and Case No. 2793?

A Yes, sir.

Q You are familiar with the Commission files, the official files of the Commission concerning these two wells?

A Yes, sir.

Q And you were present a moment ago and heard the Commission enter into a stipulation with Mr. Burgett that all of the wells would be plugged, with the exception of the four Pure State Wells in Case No. 2793?

A That is correct.

Q I would like to discuss these wells with you at this time. Do you have your files with you concerning these four Pure State wells?

A Yes, sir.

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Q Please open your file on Pure State Well No. 1.

A Yes, sir.

Q Would you read for the record the location of that well?

A The Pure State Well No. 1, Unit J, 1650 feet from the south line, 1650 feet from the west line of Section 15, 21, 27.

Q: UZ: That's 21 South, 27 East?

A Right.

Q (By Mr. Durrett) Mr. Armstrong, refer to your official file there of the Commission and tell us in a general way what the status of the Commission file is. What I'm particularly interested in right at this moment, what are the last documents or reports that you have that have been filed with the Commission?

A We received a C-110 July 5th from Pure State. This is for 1 and State as they're on the same unit.

Q Is that a C-110?

A That is a C-110. This is asking about some work to be done. You want me to read what he says this is going to be?

Q Was he requesting the dual work on the well at that time? Go ahead and read that into the record.

A He wasn't going to do any work on the well. It's about hauling his oil. This form is being filed to get permission to haul and sell the oily produce to whatever source I can sell the oil at the best price. I think that's all that means anything.

Q What was the date on that form again?



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A It was July 5th, 1957.

Q Is that the last form that you have in the file concerning that well?

A That's the last form I have in my file.

Q Let me ask you this before we proceed to the next well. Did you make an on-site inspection of this well very recently?

A Last Thursday.

Q What was the situation that you found to exist at that time?

A Well, the pits were all emptied, the fences were all down; however, of course, the well hasn't produced in some time, I don't believe. There's oil out around the tank and also a dead cow just out of the pit.

Q That was an on-site inspection last Thursday?

A Last Thursday.

Q Let's proceed on to the next well, which would be the Pure State Well No. 2.

A You want the location?

Q Yes, read the location in the record, please.

A Pure State No. 2 in Unit J, 2310 feet from the east line, 1650 foot from the south line.

Q Did you read the section and township?

A Oh, Section 15, 21 South, 27 East.

Q Refer again to your official file, Mr. Armstrong, and state for the record the date of the last report that you have in



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the file.

A The last report was a C-105 well log, March 21, 1956.

Q Did you also make an on-site inspection of this well site?

A Yes, sir.

Q Was that on Thursday, too?

A That was on Thursday, too.

Q Would you please state for the record the condition you found to exist there?

A Well, the conditions there were all right. In fact, there's nothing there only I believe a pump jack, and that's about it.

Q But everything else on the lease seemed to be in good order?

A That was all right.

Q I believe you stated the C-105, the well log, was the last --

A That's the last report.

Q --the last thing you had filed. What did you have just previous to that?

A That was August 25, 1955.

Q What was it?

A Pure No. 2 caved in between 75 and 125 feet. The well was drilled out to 210, and that's all. It stops at 210 foot of 5-1/2 pipe, 14-pound weight was run and cemented with



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twenty sacks of cement by Denton Cementing Company.

Q Is that a C-102 or 103, or what?

A That's a 103.

Q Now proceed to the next well, which I believe is the Pure State Well No. 3.

A Yes, sir.

Q Give its location for the record.

A This is Pure State No. 3, Southwest of the Southeast, 15, 21, 27; that's 21 South and 27 East. It's 660 from the south line, 1980 from the east line.

MR. JIZ: 660 from the south and what?

A 1980 from the east.

Q (By Mr. Durrett) Is that also in the same section, township, and range?

A That is right.

Q Refer to your official file, Mr. Armstrong. Please state for the record what the last report, the date of the last report that you have there and what it is.

A That was a C-105 well log.

Q What was the date on it?

A It was received on March 21, 1936.

Q Same date as the Pure State No. 2?

A Yes, I believe that is right.

Q That would be the same day of the last order. Did you also inspect this well site on Thursday last?



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A Yes.

Q What conditions did you find to exist?

A It's about the same as 2, it's all right. There's nothing there, much.

Q But it's all right as far as the surface goes?

A Yes.

Q Proceed to the Well No. 7 of Pure State and give its location.

A Pure State No. 7, Unit O, 990 from the south line, 2310 from the east line of Section 15, 21 South, 27 East.

Q And let's proceed in the same manner as we have been proceeding. What is the last report you have there?

A It's a well log, C-105, received on December 11th in '57.

Q 1957?

A Yes, sir. I said a well log, that's a mistake, excuse me.

Q What is it?

A It's a C-103.

Q What is the purpose of that form; those do have several purposes?

A It's some work that he was doing on the well, pump was being pulled and was hung on top of two joints of casing, so on. It's quite a long -- do you want me to read it all?

Q Just state --



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A Just that he was working on the well.

Q That's in December, 1957?

A December 11, 1957.

Q That was the last communication that you received concerning that well?

A That's right.

Q Did you also make an on-site inspection of this well?

A Yes.

Q No. 7, what was its condition?

A The surface was in good condition on it.

Q Then as far as your testimony, to summarize it more or less concerning the surface, I believe you have testified that only one of these four wells seemed to have a considerable amount of surface damage or at least a surface that would not comply with the Commission regulations?

A That's right. That's where the tank battery for all of them was located.

Q Is that the No. 1 Well?

A That is the No. 1 Well.

Q I believe you testified earlier -- if not, I'll ask you again -- that it is your duty to supervise the plugging of wells in your district and to make recommendations to the Commission concerning plugging wells and the manner in which they should be plugged, is that correct?

A Yes.



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Q In your opinion, Mr. Armstrong, do you feel that these wells, all of the four subject wells we are talking about here, should be plugged in a manner that would prevent crude petroleum oil, natural gas, or water escaping from strata in which they're found to another strata?

A You are talking about different wells now, aren't you?

Q Yes. We will take them one at a time, then.

A No, you don't need to take them one at a time.

Q The Pure State Well No. 1, what would be your opinion concerning that well, the four wells that we have just been talking about?

A The four wells you have just been talking about --

Q The Pure State Well No. 1.

A You want me to give the plugging program?

Q First I would like for you to state for the record as to whether or not you feel it should be plugged in a manner that will confine oil, gas, water, et cetera, in its natural strata.

A I think they should be plugged in that way.

Q Do you have a plugging program that you would recommend?

A I believe I gave it to Mr. Burgett, but it was 25 sacks at the bottom and a 20-sack at the bottom of the surface water, and a regulation marker.

MR. UTZ: 25 sacks where?

A At the bottom of the hole, and a 20-sack just below



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wherever the water, the fresh water is.

Q (By Mr. Durrett) What about surface plug?

A They need a surface plug good enough to hold the marker, usually five sacks.

Q On the Pure State Well No. 2, would you have an opinion concerning whether or not this well should be plugged in a manner that would prevent crude oil, gas, or water escaping from the strata in which they're originally found into another strata?

A I think it should be, and the plugging program will be the same as on the first, the No. 1.

Q What about the Pure State Well No. 3, would you have an opinion concerning the plugging of this well as to whether or not it should be plugged in the manner that will confine oil, gas, water, and other deposits therein in the strata in which they are originally found?

A I think it should be plugged in that manner.

Q Give us the program on it, please.

A Make it the same as the others.

Q Now the last well, which is Pure State Well No. 7, what would be your recommendation concerning the plugging of this well?

A It's my opinion it should be plugged just like the others.

Q For the same reason?

A For the same reason.



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Q What would be your plugging program?

A The same as on the others.

Q Would you have a recommendation to make concerning the surface on the Pure State Well No. 1?

A The surface should be cleaned and leveled, as there are pits there and there's oil around the tanks, oil and water, and that should all be cleaned up.

MR. DURHEIT: Thank you, Mr. Armstrong. Mr. Examiner, that will conclude my examination of Mr. Armstrong. I would like to advise Mr. Burgett if he would like to ask Mr. Armstrong questions, it would be proper for him to do so at this time. If he would like to take the stand, we will rest our case after I dismiss Mr. Armstrong, and he would then have the opportunity to take the stand and be sworn in and present a statement or whatever he would like. You may ask Mr. Armstrong questions now, if you like.

MR. BURGETT: I don't believe so.

MR. DURHEIT: If there are no questions, that concludes our questioning of Mr. Armstrong and that concludes our case.

MR. UTZ: Does anyone have any questions of Mr. Armstrong?

CROSS EXAMINATION

BY MR. UTZ:

Q Mr. Armstrong, are either of these four pure wells producing at this time?



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A: No, sir. I don't think so.

Q: Do you have any idea as to when they last produced?

A: I believe in June of '58.

Q: The Commission records show this?

A: The Commission records, at that time I didn't get the C-115's, but the engineering statistical, that's the last production that they show on it.

Q: The production on these wells when they were producing, was the production reported in accordance with the Commission rules?

A: I suppose it was. See, at that time we didn't get the C-115's at that office. They went to the Hobbs office but not to us.

Q: The New Mexico Engineering Report shows production up to June, '58?

A: Yes.

Q: Is this consistent of all these wells on the Pure lease?

A: I'm not so sure on what wells, on account of I don't have these 115's to see, and it gives it by units. See, there's two wells on each unit in this, and I think both units did produce wells according to the statistical report.

Q: But there are other wells on this lease that are still producing?

A: No, there isn't any wells that are producing.

Q: Are there any other wells still producing on the



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Magnolia lease?

A No, there isn't.

Q And in Case 2792, are there any other wells on the Union lease that are producing?

A No, there isn't. I don't believe there is on the Union. No, on the Union lease, no.

Q You don't know of any producing wells on the leases covered by either Case 2792 or 2793?

A No, sir.

Q Approximately how deep are these wells?

A Well, on the No. 7, the Scout Report gives it 580 on the No. 7.

Q Are they all approximately the same?

A They're around close to that, anyhow.

Q How about the Meyers No. 1 and Richardson-Bass State No. 1, and the Magnolia State No. 1, are they all about the same depth?

A The Magnolia is about the same depth. I can give it to you, if you want it.

Q If you have it there, I wish you would give it.

A 538 is the Scout Report on it.

Q Meyers, Richardson-Bass wells, are they deeper or shallower?

A They're deeper. But I can't give you the depths because I haven't read any reports from him at all except the intention



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to drill and the well plug.

Q Do you know what formation they were producing from?

A I don't believe they have ever produced.

Q I see.

A The Richardson-Bass, I'll give you the depth of it.

No, won't either. I don't have anything on it.

Q So you have never received any C-105's on either of these wells?

A No, I haven't received anything other than the notice of intention to drill, and the well plug.

MR. UZZ: Are there other questions? If there are no questions, the witness may be excused.

(Witness excused.)

MR. DURGETT: That will conclude our case, Mr. Examiner. Would you like to be sworn in, Mr. Burgett?

MR. BURGETT: Yes.

(Witness sworn.)

EVERETT D. BURGETT

called as a witness, having been first duly sworn on oath, testified as follows:

DIRECT EXAMINATION

BY MR. DURGETT:

Q Do you have a statement or something that you would like to present to the Examiner concerning the four wells? This is your part of the case, so you may go right ahead with it.

A On Pore 1, 2, 3, and 7, I would like to propose that



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these be granted an extension of, say, ninety days, to put them back on production to determine if it's economically feasible to produce them. If not, at the end of that time they will be plugged.

On Magnolia No. 1, which is in Section 14, 21, 27, this well has already been plugged and all that is lacking is the marker and the necessary papers filed. On the Union Meyers, the Meyers Union No. 1, this well has been plugged and marker has been set up. There has been no final reports made on it as yet. With the Richardson-Bass No. 1, this well has not been plugged. My intentions are to plug it within the next thirty days.

Q Mr. Burgett, if the Examiner would feel disposed to grant you the ninety days to put these four wells, the Pure State wells back on production, you would feel or would be willing to agree that if this privilege were granted to you, that the order could read that they would be plugged?

A They'll either be on production or plugged at the end of ninety days.

Q If not producing?

A That's right.

Q Do you feel that these four wells, that's the Pure State Wells No. 1, 2, 3, and 7, can be produced in an economically feasible manner?

A They have produced economically in the past; due to



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the market conditions in '58 they were shut down.

Q But you do feel that you could get them back on within ninety days?

A Right.

Q Or at least there's a good possibility of that?

A Well, I could get a test on them so it would show if they would be economically feasible.

Q And that you would, if they were not producing at the end of ninety days, you would plug them?

A I'll be willing to plug them and move the equipment off. This lease is electrified, I put the electricity in there, the pump jacks are there.

MR. DURRETT: If the Examiner please, in view of Mr. Burgett's statement here today and his testimony as to what he would like to do with these wells, I'd like to recommend to the Examiner that he be granted this ninety-day period of time in which to put these four wells back on production, with the understanding that they would be plugged at the end of that time if not producing.

MR. UTZ: The Examiner will take your recommendation into consideration, Mr. Durrett. That concludes your testimony?

MR. BURGETT: This is all I have.

MR. PORTER: Mr. Examiner, I would like to ask Mr. Burgett a few questions.

MR. UTZ: Certainly.



CROSS EXAMINATION

BY MR. PORTER:

Q Is it four wells that you propose to put back on production?

A Yes, sir.

Q As I recall, at one time when I visited the lease a number of years ago, the tank into which you were producing the wells had not been strapped, there was no way of measuring the oil in the tank, is that correct?

A At the time you visited the locations, this was correct. I was instructed to have this tank measured by certified engineer. This was done and the strapping table is available. I believe I sent the State Land a copy of this strapping table.

Q Where do you propose to sell your oil if the wells are put back on?

A It is my intention now to sell to Continental, if they will buy this asphalt base. I understand the market is up on asphalt oil.

Q It would be trucked?

A Yes. In the event there were other sales for other purposes, such as fuel oil, paving, I've used it for tar coat for paving and I have sold it for that.

Q At the time you last produced the wells, what percentage of water were they making?

A Pure No. 1 was making approximately 75 percent water,

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moved. In the past, Mr. Armstrong permitted the tanks to be set within the 150-foot radius of the well; and in accordance with the rules of the Commission we built a fire wall around them. I believe it would be better for all concerned, and I know it would be better for the Oil Conservation Commission to move the tanks in excess of the 150 feet, which is what they call for. I don't know what rule number it is, but I'm aware that it's required, 150 feet away from the nearest well or roadway.

Q So you would comply with the rule on that?

A This is right.

Q I was also thinking about the fences.

A Well, this is also set out in the rules and regulations, that all pits must be fenced, so that they're cattle-proof and so forth.

Q You would be willing to comply with all of the regulations?

A This is right.

MR. DURRETT: Thank you.

MR. UTZ: Are there any other questions of the witness?
The witness may be excused.

(Witness excused.)

MR. UTZ: Any other statements to be made in this case?
Mr. Irby.

MR. IRBY: Frank Irby from the State Engineer's Office.
We are very much concerned with the protection of all the waters



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in the area, and therefore we have an interest in the plugging of these wells. Further, we don't want to interfere with the business of the Oil Commission, but we would like to respectfully request that these wells be plugged in a proper manner as early as possible in order to prevent contamination of the waters that exist in the area.

MR. BURGETT: May I add something to that?

MR. UTZ: Yes, sir.

MR. BURGETT: For the Engineer's information, in this area where the wells are located, Pure 1, 2, 3, and 7, and with the other approximately 15 wells that have been drilled around there, there has been no surface water. The only fluid that was ever encountered was in the Yates formation, which is in the zone that the oil is produced from.

MR. IRBY: Mr. Examiner, I realize there are many areas in the various oil fields that aren't necessarily productive of water at that point, but an improperly constructed well can permit contaminants to leak out into porous zones which can contaminate water sources. Therefore, the Engineer respectfully requests that they be plugged in the proper manner.

MR. DURRETT: I would like to ask Mr. Irby a question, if I could.

MR. IRBY: Yes, sir.

MR. DURRETT: What would be your opinion concerning the ninety days that has been suggested by Mr. Burgett, would you be



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opposed to that, or how would you feel about that?

MR. IRBY: Well, personally, without more detailed examination in the case, I am reluctant to a time period that long. However, I feel fully confident that the Examiner and the Commission will look after this interest and see that it's done in a reasonable time.

MR. DUBRETT: You would feel that they should be plugged either right away or put back on production pretty quick?

MR. IRBY: Yes, sir, that's correct.

MR. UTZ: You heard the proposed plugging program for the Pure State wells as given by Mr. Armstrong. Would such plugging program be satisfactory to the State Engineer's Office?

MR. IRBY: Yes, sir.

MR. UTZ: I would like to put Mr. Burgett back on the record again in regard to the plugging of the Meyers Union and Richardson-Bass and the Magnolia State No. 1.

MR. DUBRETT: Would you take the stand, please?

EVERETT D. BURGETT

recalled as a witness, having been previously duly sworn, testified further as follows:

DEPOSED EXAMINATION

BY MR. UTZ:

Q It is my understanding, Mr. Burgett, that Magnolia State No. 1 has been plugged?

A This is correct.



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Q How did you effect that plug?

A This was plugged -- of the numerous wells that have been drilled in that area, there has been more of a standard procedure for plugging, at Mr. Armstrong's insistence that the lower formation be plugged off; the normal procedure, 25 sacks, and then in the past it has been 15 sacks at the lower section of the possible water zones down to what we refer to as the top of the lime. This takes in the red bed sections or red shale sections on down off of the structure, is where the windmill water is. These are the zones I'm sure that the State Engineer was interested in protecting. This zone is cased through and cemented.

Again, when these wells are plugged, a plug is set below this section which seals off any contamination that might be possible or would make contamination impossible from the lower zones on up to the surface.

Q So you did set a 25-sack plug on the bottom?

A Yes.

Q And a 15-sack plug just below the lime?

A Right below the top of the lime, this gives it solid.

Q There is mud in between and mud up above the upper plug?

A Since there's no fluid, surface sand was used to plug it and then again was normal procedure out there since there was no fluid.

Q Did you pull the casing on this well?



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A Yes, the casing was pulled.

Q So that the Scate Magnolia, or Magnolia State No. 1 and the Meyers Union No. 1 were plugged in the same manner?

A Meyers No. 1 -- well, that's a deeper well, that has a different plugging program.

Q Let's go into the plugging program on the Union No. 1.

A As I recall on that there was, I'll have to check my files, but I called Mr. Armstrong and asked him for a plugging program and this was what was used in that. As I recall, there was a plug at the bottom. This is in the Delaware sand at the base of the salt, at the top of the salt. Then at the base of the possible water zone, which in that particular area is around 270, so we set the plug at 300. Again, this was arrived at from Mr. Armstrong's instructions.

Now the Richardson-Bass No. 1 is not plugged. I do have the plugging program, which is the same as the Meyers. They are in generally the same area and have about the same salt sections and so on.

Q So all you have to do, in your opinion, to effectively plug the Union No. 1 and the Magnolia State No. 1 is to put a surface plug in, and a marker?

A Well, Magnolia No. 1 has a surface marker. The Meyers Union is already plugged with a marker.

Q It has a marker on it?

A Yes, sir. I have to make one check. I believe that



Mr. Gresham with the Commission made the remark that there was a wrong quarter-quarter mark on it. I haven't checked to make sure.

Q How deep is your Richardson-Bass No. 1?

A I believe the log on it was 2480. There was an electric log run on it.

Q You would be willing to plug that well in accordance with Mr. Armstrong's instructions?

A Yes, with the instructions that he gives.

MR. UTZ: I have no further questions. Do you have anything further?

MR. BURGETT: I don't have anything further from Mr. Burgett. I would like to request permission to put Mr. Armstrong back on the stand for one question.

MR. UTZ: All right. Mr. Burgett may be excused then.

(Witness excused.)

M. L. ARMSTRONG

recalled as a witness, having been previously duly sworn, testified further as follows:

REDIRECT EXAMINATION

BY MR. BURGETT:

Q Mr. Armstrong, I would like to go very briefly with you back into the plugging program that you recommended concerning the Pure State Wells No. 1, 2, 3, and 7. I don't believe you made a recommendation when we were on prior direct

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examination concerning mud.

A That is right. I forgot to put that in.

Q Do you have such a recommendation to make?

A I do. I think it should be at least ten-pound mud between each one of the cement plugs from top to bottom.

MR. DURRETT: Thank you, Mr. Armstrong. That's all I have.

MR. MEZ: The witness may be excused.

(Witness excused.)

MR. MEZ: Are there any other statements in this case, either of these cases? The cases will be taken under advisement.

* * * *

STATE OF NEW MEXICO)
) ss
COUNTY OF BERNALILLO)

I, ADA DEARNLEY, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me, and that the same is a true and correct record of said proceedings to the best of my knowledge, skill, and ability.

WITNESS my Hand and Seal this 3rd day of May, 1963.

Ada Dearnley
NOTARY PUBLIC

My Commission Expires:
June 19, 1963.

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 2792 & 2793 heard by me on *April 24*, 1963.

Arthur A. [Signature], Examiner
New Mexico Oil Conservation Commission

