

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25

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. 10908

APPLICATION OF SNYDER OIL CORPORATION  
-----

REPORTER'S TRANSCRIPT OF PROCEEDINGS

EXAMINER HEARING

BEFORE: Michael E. Stogner, Hearing Examiner  
Jim Morrow, Hearing Examiner

February 17, 1994

Santa Fe, New Mexico

This matter came on for hearing before the  
Oil Conservation Division on February 17, 1994, at  
Morgan Hall, State Land Office Building, 310 Old  
Santa Fe Trail, Santa Fe, New Mexico, before Deborah  
O'Bine, RPR, Certified Court Reporter No. 63, for the  
State of New Mexico.

**ORIGINAL**

MAR 21 1994

## I N D E X

February 17, 1994  
 Examiner Hearing  
 CASE NO. 10908

## PAGE

## APPEARANCES

3

## SNYDER OIL CORPORATION'S WITNESS:

Joe Wilbanks

Examination by Mr. Roberts

4

Examination by Examiner Stogner

20

## REPORTER'S CERTIFICATE

27

## E X H I B I T S

## ID ADMTD

Exhibit 1  
 Exhibit 2  
 Exhibit 3  
 Exhibit 4  
 Exhibit 5  
 Exhibit 6  
 Exhibit 7  
 Exhibit 8  
 Exhibit 9  
 Exhibit 10

8 19  
 9 19  
 10 19  
 11 19  
 13 19  
 14 19  
 15 19  
 16 19  
 18 19  
 19 20

CUMBRE COURT REPORTING

P.O. Box 9262

Santa Fe, New Mexico 85704-9262

(505) 984-2244 FAX: 984-2092

A P P E A R A N C E S

FOR THE DIVISION: ROBERT G. STOVALL, ESQ.  
General Counsel  
Oil Conservation Commission  
State Land Office Building  
310 Old Santa Fe Trail  
Santa Fe, New Mexico 87501

FOR THE APPLICANT: TANSEY, ROSEBROUGH, GERDING  
& STROTHER, P.C.  
621 West Arrington  
Farmington, New Mexico 87401  
BY: TOMMY ROBERTS, ESQ.

CUMBRE COURT REPORTING

P.O. Box 9262

Santa Fe, New Mexico 85704-9262

(505) 984-2244 FAX: 984-2092

1 EXAMINER STOGNER: I'm going to call this  
2 hearing to order for Docket No. 6-94. I'm Michael  
3 Stogner, appointed hearing officer for today's  
4 cases.

5 The first matter that we'll call today is  
6 Case No. 10908, which is the application of Snyder  
7 Oil Corporation for downhole commingling, San Juan  
8 County, New Mexico.

9 At this time I'll call for appearances.

10 MR. ROBERTS: Mr. Examiner, my name is  
11 Tommy Roberts. I'm an attorney with the Tansey law  
12 firm in Farmington, New Mexico. I'm appearing on  
13 behalf of the applicant, Snyder Oil Corporation. I  
14 have one witness to be sworn.

15 EXAMINER STOGNER: Are there any other  
16 witnesses? Will the witness please stand to be sworn  
17 at this time.

18 (Witness sworn.)

19 EXAMINER STOGNER: Mr. Roberts.

20 JOE WILBANKS,  
21 the witness herein, after having been first duly  
22 sworn upon his oath, was examined and testified as  
23 follows:

24 EXAMINATION

25 BY MR. ROBERTS:

1 Q. Would you state your name and your place  
2 of residence for the record?

3 A. Joe Wilbanks, Farmington, New Mexico.

4 Q. By whom are you employed?

5 A. On Site Technologies, Limited.

6 Q. In what capacity?

7 A. As engineering manager.

8 Q. How long have you been employed by On  
9 Site?

10 A. A year and a half.

11 Q. What kind of work does On Site do?

12 A. We do petroleum engineering consulting  
13 work.

14 Q. What are your job responsibilities?

15 A. To supervise consultants in the field and  
16 do economic analysis in the office and regulatory  
17 compliance.

18 Q. What is the relationship of On Site  
19 Technologies to the applicant in this case, Snyder  
20 Oil Corporation?

21 A. We're their agent.

22 Q. How long has that relationship existed?

23 A. Approximately nine months.

24 Q. What kind of work does On Site perform on  
25 behalf of Snyder?

1           A.    We perform regulatory work and on-site  
2 supervision.

3           Q.    Have you testified on any prior occasions  
4 before the Oil Conservation Division or Commission?

5           A.    No.

6           Q.    Briefly describe your formal education  
7 subsequent to high school.

8           A.    I obtained a B.S. in petroleum engineering  
9 and a B.S. in geology from Texas A&M University.

10          Q.    And briefly describe your occupational  
11 background subsequent to completion of your formal  
12 education.

13          A.    I worked four years as an engineer for  
14 Cities Service in Midland, Texas, and I have been a  
15 consultant for the last ten years.

16          Q.    Do you have any professional registrations  
17 or certifications or affiliations?

18          A.    Society of Petroleum Engineers, Four  
19 Corners Geological Study, API.

20          Q.    Have you testified on any prior occasions  
21 before any other oil and gas industry regulatory  
22 agency and had your qualifications as an expert in  
23 the field of petroleum engineering accepted and made  
24 a matter of record?

25          A.    Yes.

1 Q. And what were those agencies?

2 A. Texas Railroad Commission and Oklahoma Oil  
3 and Gas Commission.

4 Q. Are you familiar with the application in  
5 this case?

6 A. Yes.

7 Q. Have you prepared certain exhibits to be  
8 submitted in conjunction with your testimony?

9 A. Yes.

10 MR. ROBERTS: Mr. Examiner, I would tender  
11 Mr. Wilbanks as an expert petroleum engineer.

12 EXAMINER STOGNER: Mr. Wilbanks is so  
13 qualified.

14 Q. (BY MR. ROBERTS) Mr. Wilbanks, would you  
15 briefly describe the purpose of this application?

16 A. Yes. Snyder seeks approval to downhole  
17 commingle the Gallup and Basin Dakota gas pool  
18 production within the wellbore of Con Hale #2E  
19 located in the southwest southwest, Section 15,  
20 Township 26 North, Range 8 West.

21 Q. Has the Gallup formation in this area been  
22 dedicated to a pool?

23 A. It's dedicated as a wildcat pool.

24 Q. What kind of hydrocarbon substances are  
25 produced from each of these zones?

1           A.     The Gallup produces gas and oil, and the  
2     Dakota produces gas and condensate.

3           Q.     Let me have you refer to what's been  
4     marked as the Applicant's Exhibit No. 1 and ask you  
5     to identify that exhibit.

6           A.     Exhibit 1 is a base plat of the area  
7     surrounding the Con Hale 2E. You have a one-mile  
8     radius drawn in there with the offset operators  
9     marked and the zones in which those wells are  
10    completed in.

11          Q.     How is the location of the Con Hale 2E  
12    well designated on this plat?

13          A.     It's within the outlined green area, which  
14    is the 40-acre Gallup proration unit, spacing unit.

15          Q.     What is the size of the spacing proration  
16    unit which has been established for the Dakota  
17    formation?

18          A.     It is 320 acres.

19          Q.     How has that been depicted on this plat?

20          A.     That is the pink line outlined.

21          Q.     Identify for the record the operators of  
22    the offset wells.

23          A.     In Section 16, you have Hallwood  
24    Petroleum. Then to the south and east, you have  
25    Meridian, and also Merit to the west.



1 Q. Are these well operators also the owner of  
2 leasehold operating rights in the leases covering  
3 these lands offsetting the Con Hale 2E well?

4 A. Yes.

5 Q. Who is the owner of the mineral interests  
6 under the lands dedicated to the Con Hale 2E well?

7 A. They are Federal minerals.

8 Q. I want you to turn to what has been marked  
9 as Exhibit No. 2 and ask you to identify that  
10 exhibit.

11 A. This exhibit depicts the cumulative and  
12 current production rates of the Gallup and Dakota  
13 offsetting wells.

14 Q. In what way is the data depicted on this  
15 exhibit relevant to the application for downhole  
16 commingling?

17 A. What this shows is the offsetting wells  
18 are mature wells with fairly low producing rates.  
19 The well in Section 16 operated by Hallwood produced  
20 about 80 Mcf a day. And the other Dakota wells are  
21 shut in or have been converted to P.C. wells.

22 Q. Would you briefly describe the drilling  
23 and completion history of the Con Hale #2E well.

24 A. Yes. The Con Hale 2E was drilled in 1984,  
25 completed in the Dakota in July of that year, with an

1 I.P. of approximately 1.7 million cubic feet of gas,  
2 0 water.

3 They came back a year later in October of  
4 '85 and completed the Gallup, making it a dual  
5 completion. The Gallup came in for 190 Mcf, 13-1/2  
6 barrels of oil, and the well was completed with a  
7 packer set at 6430 and dual strings of 1-1/2 tubing.

8 Q. What is the current status of the well?

9 A. The current status is the Dakota is  
10 nonproductive due to liquid loadup, and the Gallup is  
11 producing approximately 150 mcf a day.

12 Q. Now turn to what's been marked as Exhibit  
13 No. 3 and identify that exhibit.

14 A. This is the current wellbore schematic and  
15 well history of the Con Hale 2E.

16 Q. Would you again briefly describe the  
17 physical characteristics of the wellbore and the  
18 manner in which it has been completed to effect  
19 separate production from the Gallup and Dakota zones?

20 A. Yeah. There was a packer set in between  
21 the Gallup and Dakota zone, the Dakota producing from  
22 underneath the packer, and the Gallup producing into  
23 the 1-1/2 above the packer.

24 Q. And how do you propose to effect the  
25 downhole commingling of production from the Gallup

1 and Dakota zones in this wellbore?

2 A. Both strings of 1-1/2 tubing will be  
3 pulled, the packer will be pulled, a single string of  
4 1-1/2 will be run into the Dakota, and the well will  
5 be placed on plunger lift.

6 Q. Assuming that downhole commingling is  
7 authorized, are there any fluid-sensitive sands that  
8 -- will the fluid-sensitive sands be adequately  
9 protected from contact with water or other liquid  
10 produced from other zones in the well?

11 A. Yes.

12 Q. Now, turn to what's been marked as Exhibit  
13 No. 4 and identify that exhibit.

14 A. Exhibit No. 4 is the gas and water  
15 analysis on the Dakota and Gallup zone in the Con  
16 Hale 2E.

17 Q. Who took the samples?

18 A. The gas analysis and water analysis were  
19 taken by Gas Analysis Service in Farmington, and the  
20 water was taken by the sister company, Water Analysis  
21 Testing.

22 Q. Who analyzed the samples?

23 A. The same.

24 Q. The same entities?

25 A. The same.

1 Q. When were these samples taken?

2 A. December 16, 1993.

3 Q. And when were they analyzed?

4 A. December 20, 1993.

5 Q. When did you receive the results of the  
6 analysis?

7 A. December 20, 1993.

8 EXAMINER STOGNER: I'm sorry, what?

9 THE WITNESS: December 20, 1993.

10 Q. (BY MR. ROBERTS) With respect to the gas  
11 analysis for each zone, what components or factors  
12 were analyzed?

13 A. The gas nitrogen, CO<sub>2</sub>, and all the  
14 hydrocarbon constituents were analyzed for the gas.

15 Q. With respect to the water analysis for  
16 each zone, what parameters were tested?

17 A. Sodium, potassium, calcium, magnesium,  
18 iron, sulfides, TDS, chlorides, sulfates, bicarb.

19 Q. Would you briefly summarize the results of  
20 the gas analysis and the water analysis?

21 A. Yeah. From Exhibit 4, the gas analysis  
22 for each zone are very similar. They both contain  
23 small amounts of nitrogen and CO<sub>2</sub>. The hydrocarbon  
24 constituents from methane to hexane plusses are  
25 similar. The Btu content for each zone -- for the

CUMBRE COURT REPORTING

P.O. Box 9262

Santa Fe, New Mexico 85704-9262

(505) 984-2244 FAX: 984-2092

1 Dakota is 1246, for the Gallup is 1256; so they're  
2 very similar.

3 Q. Based on this analysis and your review of  
4 the analyses, are the fluids from each zone  
5 compatible?

6 A. Yes.

7 Q. In your opinion, will combining fluids  
8 result in the formation of precipitants which might  
9 damage either zone?

10 A. No.

11 Q. In your opinion, will the combination of  
12 gaseous and liquid hydrocarbons in the wellbore  
13 restrict the producing capabilities of either zone or  
14 create operational problems?

15 A. No.

16 Q. Let's have you turn now to what's been  
17 marked as the Applicant's Exhibit No. 5, and please  
18 identify that exhibit.

19 A. Exhibit No. 5 are the downhole pressure  
20 tests run by Tefteller for both the Dakota and Gallup  
21 zones.

22 Q. What was the date of the test on each  
23 zone?

24 A. January 20, 1994.

25 Q. Would you briefly describe the test

1 procedure?

2 A. We run downhole pressure bombs on water  
3 line, taking gradients as we go in the hole to  
4 determine the bottomhole pressure of each zone.

5 Q. Briefly describe the results of the test.

6 A. The Dakota zone showed at mid-perf, which  
7 was 6863, a bottomhole pressure of 718 pounds, and  
8 the Gallup at mid-perf at 6841 showed a pressure of  
9 591 pounds.

10 Q. Given the results of the pressure testing,  
11 in your opinion, will cross-flow occur between the  
12 zones to be commingled?

13 A. No.

14 Q. Briefly summarize the production history  
15 for each zone completed in this well.

16 A. The Dakota came in at about 1.7 million  
17 and has had a basic decline rate of 8 percent per  
18 year. And the cum of the Dakota up until this point  
19 is 102 million and is nonproductive at this time.

20 The Gallup has a cumulative of 194 million  
21 and is currently producing 100 Mcf a day.

22 Q. Let's have you refer to what you have  
23 marked as Applicant's Exhibit No. 6 and ask you to  
24 identify that exhibit.

25 A. These are the decline curves for the last

1 four years on. The first one there is the Dakota,  
2 showing reduced production mid-'91. And the second  
3 is the decline curve for the Con Hale-Gallup zone.

4 Q. What is the third page attached to Exhibit  
5 No. 6?

6 A. It's a tabular form on each zone showing  
7 the monthly production since January of 1990.

8 Q. I believe you testified as to the annual  
9 rate of decline for the Dakota zone. What is the  
10 annual rate of decline for the Gallup zone?

11 A. 9 percent.

12 Q. Now take a turn to what's been marked as  
13 Applicant's Exhibit No. 7. Would you please identify  
14 that exhibit.

15 A. No. 7 is the C-116 Gas-Oil Ratio Test for  
16 the Wildcat Gallup zone on the Con Hale 2E.

17 Q. Who conducted that test?

18 A. Snyder field personnel.

19 Q. When was it taken?

20 A. This test was taken at 4-11-93.

21 Q. Do you have a similar test for the Dakota  
22 formation?

23 A. No, I do not.

24 Q. And why not?

25 A. Because it's nonproductive.

1 Q. Why is there not a more current test for  
2 the Gallup zone?

3 A. This is the last one that Snyder provided  
4 to me in the C-116 form. They have taken subsequent  
5 tests to show that this production is the same.

6 Q. Would you briefly describe the test  
7 procedure?

8 A. Basically, they take -- it's a scheduled  
9 test, yearly test, where they just read the chart.

10 Q. What were the results of the test?

11 A. They had 80 Mcf a day of gas, 1.2 barrels  
12 of water, and 1.5 barrels of oil.

13 Q. I'd have you refer to Applicant's Exhibit  
14 No. 8 and ask you to identify that exhibit.

15 A. These were several economic scenarios that  
16 I ran on the commingled Gallup and Dakota zones and  
17 one for uncommingled Gallup.

18 Q. What was the purpose of this analysis?

19 A. It was to show that additional reserves  
20 would be added if commingling took place, and to show  
21 that the economic value of it was enhanced by  
22 commingling.

23 Q. What factors did you consider in  
24 performing this economic analysis?

25 A. We used the production history, decline-



1 curve analysis and projected future production. We  
2 held gas pricing at \$2 constant through the life of  
3 the project and escalated operating cost at 10  
4 percent per year.

5 Q. Describe the results of that analysis.

6 A. The analysis showed that the Dakota has a  
7 remaining 285 million cubic feet of gas, and if it  
8 were to be commingled, and the Gallup has an  
9 additional 390 million, the uncommingled Gallup would  
10 have an additional 286 million.

11 Q. In your opinion, can the Dakota zone be  
12 economically produced separately and independently of  
13 the Gallup zone?

14 A. No.

15 Q. Do production histories of these zones and  
16 results of your economic analysis support your  
17 opinion?

18 A. Yes.

19 Q. In your opinion, will the value of the  
20 commingled production be at least equal to the sum of  
21 values of production from the individual zones?

22 A. Yes.

23 Q. Is the ownership of these two zones common  
24 with respect to working interest, royalty interest,  
25 and overriding royalty interests?

1           A.    No.

2           Q.    Let me have you refer to what you've  
3 marked as Applicant's Exhibit No. 9 and ask you to  
4 identify that exhibit.

5           A.    Okay. Exhibit No. 9 is the formula for  
6 determination of allocation percentages.

7           Q.    What percentage of the confined gaseous  
8 hydrocarbon production do you propose be allocated to  
9 each zone?

10          A.    Okay. For the liquid hydrocarbons, the  
11 Gallup zone would receive 72 percent, and the Dakota  
12 would receive 28 percent. For the gaseous  
13 hydrocarbons, the Gallup would receive 58 percent and  
14 the Dakota 42 percent.

15          Q.    What factors or data did you consider or  
16 analyze which support this proposed allocation  
17 formula?

18          A.    This is strictly a production method of  
19 allocation, taking into account future reserves.

20          Q.    Can you describe that process in more  
21 detail?

22          A.    Yeah. You just, from decline curve  
23 analysis, forecasting reserves, you get future  
24 reserves from both oil and gas for the Dakota and  
25 Gallup zones, and with -- you add the two together to

1 get total reserves, and divide each zone's reserves  
2 by the total to get the percentages.

3 Q. In your opinion, does the proposed  
4 allocation formula adequately and equitably protect  
5 all the owners of production from each of these  
6 zones?

7 A. Yes.

8 Q. Mr. Wilbanks, in your opinion, will the  
9 granting of this application be in the best interest  
10 of conservation and result in the prevention of waste  
11 and the protection of correlative rights?

12 A. Yes.

13 Q. Were Exhibits Nos. 1 through 9 either  
14 prepared by you or at your direction or under your  
15 supervision?

16 A. Yes.

17 MR. ROBERTS: Mr. Examiner, I move the  
18 admission of Applicant's Exhibit Nos. 1 through 9.

19 EXAMINER STOGNER: Exhibits 1 through 9  
20 will be admitted into evidence.

21 MR. ROBERTS: I have no other questions  
22 for this witness, but as a final matter, I would like  
23 to place into the record what has been marked as  
24 Applicant's Exhibit No. 10, which is an affidavit  
25 which I have prepared regarding notification of all

1 interested parties. It recites the facts of the  
2 notification of offset operators and owners of offset  
3 leases, as well as the Bureau of Land Management, and  
4 I would move its admission.

5 EXAMINER STOGNER: Exhibit 10 will be  
6 admitted into evidence at this time.

7 MR. ROBERTS: That's all we have on  
8 Direct.

9 EXAMINATION

10 BY EXAMINER STOGNER:

11 Q. Mr. Wilbanks, you said that the ownership  
12 was different. Could you go into a little more  
13 detail on how that is separated?

14 A. Yes, sir. Okay. For the Dakota, the  
15 working interest owners are Snyder. Do you want  
16 percentages?

17 Q. Are they presented? Maybe I missed them.

18 A. No, they aren't presented.

19 EXAMINER STOGNER: Why don't you present  
20 that in the form of an exhibit, Mr. Roberts?

21 MR. ROBERTS: Okay.

22 MR. STOVALL: Let's get on the record,  
23 though, just your description, briefly. Is it a  
24 difference in who they are, or is it just a  
25 difference in the percentages they own in different

1 zones?

2 THE WITNESS: It is both.

3 MR. STOVALL: Both?

4 THE WITNESS: Snyder has an interest in  
5 the Dakota and does not have an interest in the  
6 Gallup. And the other -- well, I can just run  
7 through it, if you want.

8 MR. STOVALL: Why don't you run through it  
9 real quickly so the exhibit is supported by your  
10 testimony.

11 THE WITNESS: Okay. On the Dakota, Snyder  
12 --

13 MR. STOVALL: I'd just say read it off  
14 like a list. Read it slow enough so she can get it.

15 THE WITNESS: Okay. Snyder has 7.68  
16 working interest. SoCo LTP Limited Partnership,  
17 which is a Snyder affiliate, has 30.72 percent.  
18 Consolidated Oil & Gas owns 14.4. Samson holds  
19 43.2. And Siegel Oil & Gas holds 4 percent.

20 MR. STOVALL: That was Dakota?

21 THE WITNESS: That was Dakota. And the  
22 Gallup, Consolidated holds 24 percent, Samson holds  
23 72 percent, and Siegel holds 4 percent.

24 MR. STOVALL: Royalty and overrides are  
25 the same?

1 THE WITNESS: Yes.

2 Q. (BY MR. ROBERTS) Mr. Wilbanks, were these  
3 owners notified of this hearing?

4 A. Yes.

5 Q. Did you have any response from them?

6 A. No negative response.

7 MR. ROBERTS: Thank you. I will have an  
8 exhibit prepared and submit it as an exhibit.

9 EXAMINER STOGNER: Thank you, Mr.  
10 Roberts.

11 Q. In referring to your production, I show  
12 that the Dakota hasn't produced since, it looks like  
13 February or January of '93. Was that shut in, or did  
14 it just not have the ability to produce?

15 A. No. It just died.

16 Q. It just died?

17 A. Because of liquid. They tried to swab it  
18 in several times without success.

19 Q. Has at any time during the producing life  
20 of the Dakota, has it been on any kind of lift?

21 A. No.

22 Q. So your allocation formulas and  
23 percentages are based more on reserves as opposed to  
24 actual production figures, or did you utilize any  
25 kind of history of any other commingled wells within

1 the area?

2 A. In the immediate area, there are no other  
3 commingled wells in the Gallup and Dakota. I based  
4 my formulas strictly on future value of each zone.

5 Q. I'm sorry, future value?

6 A. Well, future reserves, yeah.

7 Q. With no scientific reasoning as far as the  
8 ability to produce?

9 A. Well, yeah. You're using the decline -- I  
10 mean, you look at the Dakota and look at what it was  
11 producing before it had liquid buildup and died, and  
12 you just forecast those reserves from that point.

13 Q. But you have no evidence out there that,  
14 or any past experience out there that that will  
15 indicate actual production rates once plunger lift  
16 and commingling occurs?

17 A. The actual field experience in the  
18 immediate area?

19 Q. Yes.

20 A. No.

21 Q. Is the Gallup zone a marginal producer, or  
22 has it been shut in for high gas-oil ratio or high  
23 gas production, casinghead gas allowable?

24 A. It is characterized as a gas zone.

25 Q. But you show 40-acre -- am I to understand

1 it has 40 acres dedicated to it?

2 A. Yeah, that's correct.

3 Q. And it's a gas? That's an oil well, isn't  
4 it?

5 A. Yeah, that's an oil well.

6 Q. Now I'm more confused.

7 A. I do not believe it has been shut in, in  
8 the past, due to high gas-oil ratios, but I don't  
9 know for sure.

10 Q. Is it on plunger lift, the Gallup  
11 production?

12 A. No. Neither one is on any type of  
13 artificial lift at this time.

14 Q. Have you been in contact with our Aztec  
15 district office about the proposed commingling?

16 A. Yes.

17 Q. What was your response from them?

18 A. They had no problem with it.

19 Q. Did you discuss the allocation formula  
20 with them?

21 A. I don't believe the allocation formula was  
22 discussed.

23 Q. This is an infill well in the Basin Dakota  
24 Pool; isn't it?

25 A. That's correct.



1 Q. Is the original well still producing?

2 A. No. It has been converted to PC, the one  
3 in the northern part of the section.

4 Q. Do you plan to put this on a plunger lift  
5 if this application is approved?

6 A. Yes, sir.

7 Q. Immediately?

8 A. Yes, sir.

9 Q. Is the lower zone, in this case being the  
10 Dakota, do you know if it's fluid-sensitive as far as  
11 water?

12 A. It is not.

13 EXAMINER STOGNER: Do you have any other  
14 questions of this witness, Mr. Stovall?

15 MR. STOVALL: I don't.

16 EXAMINER STOGNER: I don't have enough  
17 information in front of me to ask any more questions,  
18 Mr. Roberts; so at this time I'll take this case  
19 under advisement.

20 MR. ROBERTS: If you have other areas  
21 specifically where you need more information, we can  
22 either supplement the record or --

23 EXAMINER STOGNER: I'll have to look at  
24 our own records and make my determination after  
25 reviewing those and with the information that's

1 provided today.

2 MR. ROBERTS: Okay.

3 EXAMINER STOGNER: With that, Case No.  
4 10908 will be taken under advisement.

5 (A discussion was held off the record.)

6 MR. STOVALL: Mr. Roberts, in reviewing a  
7 little bit with Mr. Stogner, the questions, and he  
8 wants to do some checking as to some concerns he's  
9 got, if we find that there's a problem or something  
10 that the Division records will reveal, we'll notify  
11 you and, if necessary, give you the opportunity to  
12 reopen and address specific concerns.

13 MR. ROBERTS: I appreciate that.

14 MR. STOVALL: At the moment, we're not  
15 quite sure what the concerns are; so we can't give  
16 you specifics to deal with.

17 MR. ROBERTS: That's what I was concerned  
18 about is having an opportunity to address those  
19 concerns when they're identified. Appreciate it.

20 MR. STOVALL: We will do that, if  
21 necessary.

22

23

24

25

CERTIFICATE OF REPORTER

STATE OF NEW MEXICO )

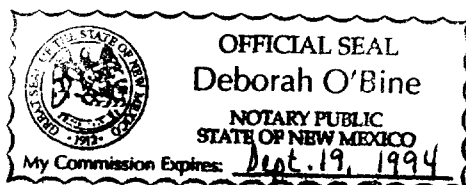
) ss.

COUNTY OF SANTA FE )

I, Deborah O'Bine, Certified Shorthand Reporter and Notary Public, HEREBY CERTIFY that I caused my notes to be transcribed under my personal supervision, and that the foregoing transcript is a true and accurate record of the proceedings of said hearing.

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, February 20, 1994.



*Deborah O'Bine*

DEBORAH O'BINE  
CCR No. 63

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 10908, heard by me on 11/3 February 1994.

*[Signature]*, Examiner  
Oil Conservation Division

CUMBRE COURT REPORTING

P.O. Box 9262

Santa Fe, New Mexico 85704-9262

(505) 984-2244 FAX: 984-2092

## NEW MEXICO OIL CONSERVATION COMMISSION

## EXAMINER HEARING

SANTA FE, NEW MEXICO

Hearing Date FEBRUARY 17, 1994 Time: 8:15 A.M.

NAME	REPRESENTING	LOCATION
N. V. Kellerman	Kellerman & Kellerman	Santa Fe
REX HOWELL	COLLINS & HOWE	HOUSTON
Curt Anderson	" "	Middle
Maurice Tanyigber	Byram Co	ST
Joe A. Withers	Snyder Oil Corp	Farmington
Tommy Roberts	Tansey Law Firm	Farmington
Paul Haller	Grileys Law Firm	ST
Mark Perry	E <sup>3</sup> C	Albq
Craig W. Van Kirk	Hartman	Denver
Jerry Hoover	Conoco	Midland
Mark McClelland	Conoco	Midland
Reed Meek	Conoco	midland, TX
BILLY GOODWIN	CONOCO	MIDLAND
DOROTHY BRELIH	TEXACO	Hobbs, N.M.
Dennis Wann	Amerada Hess	Monument, N.M.
Russell S. Paul	TEXACO E & P	Hobbs N.M.
William F. Paul	Sampson, Paul, Foy & Jordan	Santa Fe

## NEW MEXICO OIL CONSERVATION COMMISSION

EXAMINER HEARINGSANTA FE, NEW MEXICOHearing Date FEBRUARY 17, 1994 Time: 8:15 A.M.

NAME	REPRESENTING	LOCATION
VIC LYON	GAS CO / NM	Santa Fe
Bill Hawkins	Amoco	Denver
Alan W. Bohling	Chvron	Midland
Robert Green	Chvron	Midland
Reed Gilmore	Chvron	Midland
SCOTT B. DAVES	MERIDIAN OIL	FARMINGTON
L.C. Cole	Meridian Oil Inc	Farmington, NM