

1 STATE OF NEW MEXICO
2 ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
3 OIL CONSERVATION DIVISION
4 STATE LAND OFFICE BUILDING
5 SANTA FE, NEW MEXICO

6
7 9 November 1988

8 EXAMINER HEARING

9 IN THE MATTER OF:

10 Application of Yates Petroleum Corp- CASE
11 oration for a unit agreement, Lea 9518
12 County, New Mexico.

13 BEFORE: David R. Catanach, Examiner

14 TRANSCRIPT OF HEARING

15 A P P E A R A N C E S

16
17 For the Division: Robert G. Stovall
18 Attorney at Law
19 Legal Counsel to the Division
State Land Office Bldg.
Santa Fe, New Mexico

20 For the Applicant: Chad Dickerson
21 Attorney at Law
22 DICKERSON, FISK & VANDIVER
Seventh & Mahone/Suite E
23 Artesia, New Mexico 88210
24
25

I N D E X

KEN BEARDEMPHL

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1 MR. CATANACH: Call next Case
2 9518.

3 MR. STOVALL: Application of
4 Yates Petroleum Corporation for a unit agreement, Lea
5 County, New Mexico.

6 MR. CATANACH: Are there
7 appearances in this case?

8 MR. DICKERSON: Mr. Examiner,
9 I'm Chad Dickerson of Artesia, New Mexico, on behalf of the
10 applicant and I have two witnesses.

11 MR. DICKERSON: Any other ap-
12 pearances?

13 Will the witness please stand
14 and be sworn in?

15
16 (Witness sworn.)

17
18 KEN BEARDEMPHL,
19 being called as a witness and being duly sworn upon his
20 oath, testified as follows, to-wit:

21
22 DIRECT EXAMINATION

23 BY MR. DICKERSON:

24 Q Mr. Beardemphl, would you please state
25 your name, your occupation and by whom you're employed,

1 please?

2 A My name is Ken Beardemphl, employed by
3 Yates Petroleum Corporation, Artesia, New Mexico.

4 Q And what is your occupation?

5 A I'm a landman.

6 Q Are you familiar with the land situa-
7 tion surrounding the proposed Yates Petroleum Corporation
8 Winter Queen Unit Area, Lea County, New Mexico?

9 A Yes, sir.

10 Q You have testified before this Division
11 as a landman in the recent past, have you not?

12 A Yes, sir.

13 MR. DICKERSON: Is Mr. Bear-
14 demphl qualified, Mr. Catanach?

15 MR. CATANACH: Yes, sir.
16 Could I get him to spell his last name?

17 A B-E-A-R-D-E-M-P-H-L.

18 MR. CATANACH: Thank you.

19 Q Mr. Beardemphl, what is the purpose of
20 Yates' application in Case 9518?

21 A Yates is seeking approval of the Winter
22 Queen State Unit Area, comprising 2085.55 acres, more or
23 less, of state lands underlying all of Section 3 and Sec-
24 tion 10, east half of Section 4, east half of the west half
25 and east half of Section 9, in Township 12 South, Range 32

1 East, approximately 5-1/2 miles south of Caprock, New Mexi-
2 co.

3 Q Mr. Beardemphl, refer to what we have
4 submitted as Yates Exhibit Number One and orient the Exa-
5 miner with respect to the location of your proposed unit.

6 A Exhibit One is a plat of one of our
7 latest updated land maps and it shows the outline in red,
8 the Winter Queen State Unit Area, and it has the -- the
9 approximate well location in Section 3.

10 Q Indicate that. You're indicating the
11 well symbol in the southeast quarter of Section 3?

12 A Yes, sir. That's -- Yates plans on re-
13 entering that well that's located 660 from the south, 1933
14 from the east in Section 3 and proposes to test the Queen
15 formation at approximately 3,100 foot.

16 Q When and by whom was that well drilled,
17 Mr. Beardemphl?

18 A The well was drilled by Texas Company.
19 The well was called the Texas Company "BX" No. 1, State of
20 New Mexico, drilled in September 8th, 1953. It was com-
21 pleted in December 28th, 1953. It was plugged. They
22 drilled to approximately 11,518 feet, to test the Devonian,
23 I believe.

24 Q And does the information available to
25 Yates concerning that well indicate that a re-entry of it

1 would be feasible?

2 A Yes, sir. Approximately 9-5/8ths casing
3 was set to 3,660 feet and it appears there are only a
4 couple little plugs to drill through.

5 Q And what is Yates principal objective in
6 re-entering this well and the objective of the unit forma-
7 tion?

8 A The Queen formation, like I said, appro-
9 ximately 3,100 feet.

10 Q If re-entry of that well proves imprac-
11 ticable, Mr. Beardemphl, what would Yates propose to do as
12 far as testing the Queen objective for purposes of the
13 unit?

14 A Probably attempt a well at a location
15 1980 from the south and 660 from the west in the same Sec-
16 tion 3.

17 Q You'd merely move the location, if the
18 re-entry proves impossible, to that location and drill the
19 well vertically?

20 A Yes, sir.

21 Q Mr. Beardemphl, refer to what we have
22 submitted as Yates Exhibit Number Two and tell the Examiner
23 what this instrument is.

24 A Exhibit Number Two is the unit agreement
25 for the development and operation of the Winter Queen State

1 Unit Area and it is on a standard State-approved form and
2 it is unitized as the substances to all formations in the
3 unitized area.

4 Q What -- what paragraph and page is that?

5 A Paragraph 2, page 2.

6 Q There is no depth limitation or anything
7 like that. All lands and hydrocarbon substances are uni-
8 tized by this agreement?

9 A That's true.

10 Q Mr. Beardemphl, refer to Exhibit A to
11 your unit agreement and tell the Examiner what that map
12 shows.

13 A Exhibit A is the map of the Winter Queen
14 State Unit that has the map boundary outline and it shows
15 the names of the owners of the lease. It shows the lease
16 numbers and the expiration dates and each lease is numbered
17 and circled.

18 Q Those are the tract numbers?

19 A Tract numbers, yes, sir.

20 Q Okay. Identify Exhibit B to that unit
21 agreement and summarize the information shown on it.

22 A Exhibit B has the lease information. It
23 starts off with tract number, then it has a land descrip-
24 tion, the number of acres, serial number, and expiration
25 date, the basic royalty ownership percentage, the lessee of

1 record, overriding royalty, if any, and then the working
2 interest of each lease.

3 Q Mr. Beardemphl, Tract 6 shows to be un-
4 leased, as I understand it, what is the status of that
5 Tract 6 and what does Yates propose to do with that un-
6 leased tract within the unit area?

7 A Tract 6 is 40 acres unleased State land.
8 It is coming up on the next State lease land sale, I be-
9 lieve next week, and as per paragraph 23 on page 11, I be-
10 lieve, subsequent joinder. whoever buys the tract will be
11 sent all the information and have a --

12 Q Invited to join the unit?

13 A Invited to join the unit.

14 Q Mr. Beardemphl, from your Exhibit B to
15 the unit agreement, what is the expiration date of the
16 earliest lease expiring to be committed to this proposed
17 unit?

18 A Expiration date, the earliest lease, I
19 believe it's Tract No. 1. That is the date of December 1,
20 1988.

21 Q And you would request approval, if pos-
22 sible, prior to that date, since Yates will have to be
23 drilling prior to December 1st?

24 A Yes, sir, that would --

25 Q Identify Exhibit Number Three, Mr. Bear-

1 demphl and tell us what it is.

2 A Exhibit Number Three is the standard
3 Form AAPL 610, 1977, Model Form Operating Agreement for the
4 Winter Queen State Unit, dated October 17th, 1988. It
5 covers the contract area

6 Q This form is not complete in all parti-
7 culars, is it, Mr. Beardemphl? The initial well location,
8 for instance, is not filled in on page 4.

9 A No, sir.

10 Q And these instruments, Exhibits Two and
11 Three, will be completed when you know the status of
12 joinder by the various parties prior to final approval of
13 this unit?

14 A Yes, sir, that's true.

15 Q Refer to Exhibit A to your unit operat-
16 ing agreement, Mr. Beardemphl, and summarize for Mr. Cata-
17 nach the interests of the parties to the unit and the
18 status of their joinder or lack of joinder to this proposed
19 unit.

20 A Exhibit A shows the subject agreement
21 lands and down on paragraph 2, percentage interest of the
22 parties under the agreement as per acreage, and as of right
23 now we have 80.77 percent have agreed to join and then we
24 have the 1.9 percent that is the open acreage, and approxi-
25 mately -- well, the rest of it is they have not decided

1 yet. They're either talking farmout to the unit or they
2 don't know exactly what they're going to do yet.

3 Q Indicate the parties shown in paragraph
4 2 of Exhibit A who have to signed a ratification and join-
5 der of the proposed unit to this date.

6 A The parties are Terra Oil Company, and
7 Texaco USA.

8 Q And with the exception of those parties
9 and the open tracts, all the other interests are committed?

10 A Yes, sir.

11 Q Mr. Beardemphl, Exhibit Number Four,
12 tell us what that letter is.

13 A Exhibit Number Four is a letter to
14 the Commissioner of Public Lands for preliminary approval
15 of the Winter Queen State Unit.

16 Q And have you visited with personnel in
17 that office to determine --

18 A Yes, sir.

19 Q -- the status of that application for
20 preliminary approval?

21 A Yes, sir, they were still looking at it
22 this morning and hadn't had time to give me an answer yet.

23 Q You have no reason to believe that there
24 will be any problem with --

25 A I have not.

1 Q -- obtaining preliminary approval?

2 A I don't see any problem

3 MR. DICKERSON: Mr. Catanach,
4 I move admission of Yates Exhibits One, Two, Three and
5 Four, and I have no further questions of Mr. Beardemphl.

6 MR. CATANACH: Exhibits One,
7 Two, Three and Four will be admitted as evidence.

8

9

CROSS EXAMINATION

10 BY MR. CATANACH:

11 Q Mr. Beardemphl, does Yates -- does Yates
12 plan to bid on the acreage that's --

13 A Yes.

14 Q -- going to come up for lease? And what
15 was the status on the -- on the joinder of Terra and Texaco
16 at this point, did you say?

17 A Well the status right now is Terra is
18 talking farmout to us and Texaco says they do not know
19 right now if they're going to join or not, so we're kind of
20 waiting on something in writing when they make their deci-
21 sion, and I don't know exactly what will be at this date
22 because they haven't given me anything conclusive.

23 Q The principal objective within the unit
24 is the Queen formation, is that correct?

25 A Yes, sir.

1 Q Are there any other prospective forma-
2 tions that you plan plan on testing?

3 A Not that I know of. That's more in
4 Tom's field.

5 MR. CATANACH: I have no fur-
6 ther questions of the witness.

7 He may be excused.

8
9 THOMAS A. SIWULA,
10
11 being called as a witness and being duly sworn upon his
12 oath, testified as follows, to-wit:

13
14 DIRECT EXAMINATION

15 BY MR. DICKERSON:

16 Q Mr. Siwula, will you state your name,
17 your occupation, by whom you're employed, please?

18 A My name is Thomas A. Siwula. I'm a geo-
19 logist and I am working for the Yates Petroleum Company in
20 Artesia.

21 Q Mr. Siwula, you have not previously
22 testified before this Division as a petroleum geologist,
23 have you ?

24 A No, I have not.

25 Q Will you briefly summarize your educa-

1 tion and employment background for the Examiner?

2 A I received a Bachelor of Science degree
3 from the University of Cincinnati in June of 1952 and took
4 graduate work in early 1953, and I have been working as a
5 geologist since January of 1955 up to the current time.

6 I had 17 years at Atlantic Richfield and
7 then 4 years with a subsidiary of Southern Union Gas, known
8 as Aztec Oil, and then I worked for Lone Star Gas, Holly
9 Energy Corporation, and for the past 5-1/2 years for the
10 Yates Petroleum Company in Artesia.

11 Q Mr. Siwula, have you made a study of the
12 available geologic data and are you familiar with the geo-
13 logical basis for the formation of the proposed Winter
14 Queen State Area?

15 A Yes, I am.

16 MR. DICKERSON: Tender Mr.
17 Siwula as an expert geologist, Mr. Catanach.

18 MR. CATANACH: He is so qual-
19 ified.

20 Q Mr. Siwula, briefly -- or refer to
21 Exhibit Number Five that we have submitted to the Examiner,
22 if you would, and tell us what information is shown on that
23 map.

24 A Exhibit Five is an area map showing the
25 location of the proposed Winter Queen Unit with respect to

1 the nearby Queen production.

2 The Queen oil production is marked in
3 green on this map and the Queen gas production is marked in
4 red.

5 The proposed unit, the Winter Queen
6 Unit, is colored yellow and it's located immediately north
7 of the Northeast Caprock Queen Unit.

8 Both the Northeast Caprock Queen Unit
9 and the Caprock Queen Field have been prolific oil produ-
10 cers from stratigraphic traps in the Queen sand. The com-
11 bined cumulative of the Caprock Queen and the Northeast
12 Caprock Queen oil production as of January the 1st, 1988,
13 was 73,571,000 barrels of oil.

14 The proposed Winter Queen Unit, as you
15 can see, should be on a northeast extension of the Caprock
16 -- Northeast Caprock producing trend.

17 Q And what is your principal objective to
18 be tested in this initial unit well, Mr. Siwula?

19 A The primary objective of the proposed
20 re-entry within the Winter Queen Unit is to establish new
21 production in the Queen formation.

22 The well to be re-entered, the Texas
23 Company "BX" State No. 1, is located 660 from the south
24 and 1983 from the east line of the Section 3, and the well
25 is only 43 feet east of the Amerada State SCA No. 1, and

1 the porous section in the Amerada State "SCA" Well No. 1
2 from 3025 to 3050 feet was not tested.

3 The well is no shape to be re-entered,
4 whereas our engineering examination of the Amerada State
5 "SCA" No. 1 indicates a very clean and efficient re-entry.
6 As previously stated, casing was going to a depth of 3660
7 feet and 2500 sacks of cement were circulated to the sur-
8 face so there's a good cement job behind the pipe and we'd
9 only have to drill out several plugs and perforate.

10 Q Mr. Siwula, identify what we have sub-
11 mitted as Yates Exhibit No. Six and tell us what that in-
12 strument is.

13 Q Yates Exhibit Number Six a structure
14 contour map. The mapping horizon is the top of the Queen
15 formation and the area and subsea datums utilized in making
16 this map are located by the respective well spots. The
17 contour interval is 20 feet and the scale of the map is one
18 inch equals 2000 feet.

19 The proposed Winter Queen Unit is out-
20 lined in a dashed line and the initial proposed re-entry is
21 so noted.

22 The porous Queen sandstone trends are
23 shown as gray shaded areas. Penetrations that encountered
24 nonporous, impermeable Queen sandstone are labeled with a
25 capital T alongside the well spot.

1 The other symbols that are by some of
2 the wells are noted in the legend at the bottom of the map.

3 The solid line connecting the wells that
4 are circled in red denotes a cross section, A-A', which is
5 Exhibit Number Seven.

6 What the map shows is that Queen produc-
7 tion in this area is from stratigraphic accumulations that
8 are structurally influenced.

9 The Northeast Caprock Unit, which is the
10 nearest production to the Winter proposed unit, is located
11 on the south/southeastward flank of a southeastward plung-
12 ing nose. The productive belt of porous Queen sandstone
13 parallels in general the strike in an east/west orienta-
14 tion. A small structural re-entrant situated in the middle
15 of the field appears to divide the production into two dis-
16 tinct pools. An up-dip pinchout of porosity controls the
17 production to the north/northwest and loss of porosity de-
18 fines the southern boundary of the field, as well.

19 The Queen penetrations in the tight,
20 nonproductive areas, encountered impermeable red sands
21 rather than the permeable productive gray sands that pro-
22 duce and often this facies change corresponds directly to a
23 structural trough.

24 The eastern production limit for the
25 Northeast Caprock Queen Unit appears to be coinciding with

1 the narrow band of steep dip trending in a north/south
2 direction that reflects the deeper Caprock fault.

3 The Winter Queen Unit appears to be an
4 analog to the Northeast Caprock Unit. Structurally it's
5 very similar. The proposed unit, as you can see, is situ-
6 ated on the flank of a broad, southeastward plunging nose
7 and it is expected that porous, clean sandstone would be
8 encountered on the southern and eastern flanks of the
9 positive area, and this is substantiated by the porosity
10 development in the Queen at the Amerada State "SCA" No. 1,
11 located in the southwest of the southeast of Section 3.
12 This porous section was not tested.

13 We have the northern and western bound-
14 aries of the unit coinciding with the up-dip porosity
15 pinchout.

16 The Kelly State No. 1 Well, located in
17 the northeast northeast of Section 4, is a tight well and
18 the Amerada -- excuse me, the Antweil Buddy No. 1, located
19 in the northwest northwest of Section 9, encountered appro-
20 ximately 6 feet total of scattered porosity stringers in
21 the Queen based on the examination of a behind the casing
22 neutron log, indicating that it is near the northeast or
23 northwest edge of the porosity pinchout.

24 The steep dip that is associated with
25 the Caprock Devonian structure immediately to the east of

1 the unit, marks the expected limit of porosity developed to
2 the east and provides the justification for the eastern
3 unit boundary and the area and land south of the proposed
4 unit is located in a structural trough and is believed to
5 be nonproductive. It's a general phenomena in this part of
6 the county for the low areas to correspond to nonproduc-
7 tive, nonporous, red, impermeable Queen sand facies.

8 Q Mr. Siwula, identify Exhibit Number
9 Seven for us, if you would, and review the information
10 shown on the cross section.

11 A Exhibit Number Seven, a structural cross
12 section extending in a southward direction from the pro-
13 posed drillsite to existing Queen production in the north-
14 east Caprock Queen Unit and then hence into the Caprock
15 Queen Field, respectively.

16 Generally the section illustrates the
17 alternating bands of porous, productive sands, which are
18 colored yellow on the cross section and separated by the
19 impermeable nonproductive sands that are colored purple on
20 the cross section.

21 To elaborate on cross section A-A', the
22 southernmost well, the Phillips Petroleum Rock State No. 2,
23 is located in the Caprock Field and is fairly representa-
24 tive of most of the other producers in the field.

25 The next well to the north, as you can

1 see, the Caprock porosity pinches out. A test through open
2 hole at 3016 to 3035 after a treatment with 10,000 gallons
3 of lease oil with one pound of sand per gallon, the well
4 was swabbed and the records indicate that not -- no --
5 there were no shows. They did not even recover the load.

6 As you go, next well, the third well
7 from the lefthand side of the cross section, the Sunray
8 State "B" No. 1, which was the discovery well for the
9 Northeast Caprock Queen Unit, you see that the porosity is
10 present as indicated by the flow of 65 barrels of oil
11 natural through open hole on July of 1954. It should be
12 noted that this well has a cumulative oil production of
13 over 154,000 barrels of oil.

14 The Gulf Lee "SH" No. 1 is located in
15 the impermeable band that separates the Northeast Caprock
16 Field from the Winter Queen Unit and here again the well
17 was substantiated to be tight by a core which found tight
18 sand with a slight amount of stain and odor.

19 And the final well, the Amerada State
20 "SCA", which is the key well to the prospect, indicated a
21 porous band of Queen sandstone that Yates plans to test by
22 re-entry of the twin, the Texas Company "BX" No. 1 Well.

23 Q Mr. Siwula, what conclusions do you draw
24 from your review of this information?

25 A Well, it's been demonstrated that the

1 lands encompassed by the proposed Winter Queen State Unit
2 are on trend with prolific Queen Sand production from
3 Exhibit One, and the geological considerations appear to be
4 very similar in the unit as compared to what we have in the
5 Northeast Caprock Unit, which is a field that is approach-
6 ing producing nearly 6-million barrels of oil to date, and
7 we expect similar production in the Queen formation under
8 the lands described in the proposed unit and this provides
9 the necessary justification for the formation of such a
10 unit; therefore Yates Petroleum respectfully requests ap-
11 proval for the proposed Winter State Queen Unit as offering
12 an effective method to explore and develop oil reserves for
13 the State of New Mexico.

14 Q Mr. Siwula, were Exhibits Five, Six and
15 Seven prepared by you or under your direction and super-
16 vision?

17 A Yes, they were.

18 Q And in your opinion will approval of
19 this application be in the interest of conservation, the
20 prevention of waste, and the protection of correlative
21 rights?

22 A Yes.

23 MR. DICKERSON: Mr. Examiner,
24 I move admission of Yates Exhibits Five, Six and Seven, and
25 I have no further questions of Mr. Siwula.

1 MR. DICKERSON: Exhibits Five,
2 Six and Seven will be admitted as evidence in this case.
3

4 CROSS EXAMINATION

5 BY MR. CATANACH:

6 Q Mr. Siwula, is the Queen formation the
7 only perspective formation that you plan to test in this
8 unit?

9 A At this depth the Queen formation is the
10 only prospective producing formation. All other producing
11 formations are at a deeper depth.

12 Q You said the wells to the east of the
13 unit are Devonian wells?

14 A That is right. Immediately to the east
15 of the unit and in Sections 2 and in Sections 11 we have
16 the East Caprock Devonian Field, which is a prolific anti-
17 clinal accumulation that trapped Devonian oil and I believe
18 that field was drilled around 1952, or so, and examination
19 of the records indicated that all the wells that border the
20 proposed unit along the western side of the Caprock Devon-
21 ian Field just merely drilled with rotary through the Queen
22 and set casing without any testing, as near as we could as-
23 certain from examining all the records.

24 There is no shallow production in the
25 East Caprock Devonian Field except for one marginal well

1 that has been plugged. It's located in Section 2, identi-
2 fied as the Elk Oil State "DK" No. 1, total depth 11,286,
3 plug back 4250 feet, which would put it in the San Andres,
4 and I do not have the exact potential, but it was only on
5 the order of several barrels per day pumping and one of the
6 other wells perforated that interval after it depleted in
7 the Devonian and found water.

8 So that's the situation at East Caprock.

9 Q Okay, so it is your opinion that your
10 unit area probably encompasses what you think will be pro-
11 ductive in the Queen?

12 A Yes. By a process of elimination we have
13 tight wells, as indicated by cores, logs, or cable tool
14 bailing tests, in the area to the west of the unit, and
15 then in the area to the south of the unit, and also to the
16 north, and we feel that structural situation with the Cap-
17 rock Queen Field is making the justification for the east-
18 ern limits of the unit.

19 The unit is pretty much shaped around
20 the flanks of that southeastward plunging nose, which is a
21 common occurrence of Queen oil accumulations.

22 MR. CATANACH: I have no fur-
23 ther questions of this witness. He may be excused.

24 Mr. Dickerson, when you anti-
25 cipate the approval for the unit by the Land Commissioner

1 to be?

2 MR. DICKERSON: I expect pre-
3 liminary approval by the end of this week, Mr. Catanach.

4 MR. CATANACH: As I understand
5 it, negotiations by Terra and Texaco are still going on?

6 MR. DICKERSON: Yes, sir.

7 And as you know, your unit --
8 or your -- any order issued by your office will require
9 submittal to you of an executed original of the unit agree-
10 ment and unit operating agreement on final approval, and
11 that will be done.

12 MR. CATANACH: Okay, and I
13 also need a -- will you submit a copy of the preliminary
14 approval from the State Land Office?

15 MR. DICKERSON: Yes, sir.

16 MR. CATANACH: When you
17 receive that.

18 Is there anything further in
19 this case?

20 If not, it will be taken under
21 advisement.

22

23 (Hearing concluded.)

24

25

C E R T I F I C A T E

I, SALLY W. BOYD, C. S. R. DO HEREBY
CERTIFY that the foregoing Transcript of Hearing before the
Oil Conservation Division (Commission) 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.

Sally W. Boyd CSR

I do hereby certify that the foregoing is
a complete record of the proceedings in
the Examiner hearing of Case No. 9518,
heard by me on November 9 1988.

David R. Colanich, Examiner
Oil Conservation Division

NEW MEXICO OIL CONSERVATION COMMISSION

EXAMINER HEARING

SANTA FE, NEW MEXICO

Hearing Date NOVEMBER 9, 1988 Time: 8:15 A.M.

NAME	REPRESENTING	LOCATION
William L. Lee Cindy Ellis E.R. Manning Gerald R. Johnson Chad Dickerson Brad Bennett Paul B. Rauh W. J. Kellorhin James Bruce R. Parker Ken Rauh Bill Duncan Goeb. Thomas Ben Gregson Charles A. Caufey	Jessup & Black, P.A. ARCO Oil & Gas El Paso Natural Gas Berry Lee Hobbs, et al Duke Energy, Fisk & Vaden M. BRAD BENNETT, INC. NM OCD Keller & Keller, P.C. Hinkle Law Firm Byram YPL Exxon " " ILLEGIBLE Inexco Oil Co.	Santa Fe Midland El Paso, TX Hills, MO Antero, NM Midland, Texas HOBBS, NM Albuquerque Albuquerque Santa Fe Albuquerque, NM Midland, TX " " Houston, TX

NEW MEXICO OIL CONSERVATION COMMISSION

EXAMINER HEARINGSANTA FE, NEW MEXICOHearing Date NOVEMBER 9, 1988 Time: 8:15 A.M.

NAME	REPRESENTING	LOCATION
Tim L. Barr	Pennzoil	Houston
Thom O'Brien	OGS Operating Co.	Midland Tx
Michael W. Gates	"	"
ILLEGIBLE		