

Case No.

6986

Application

Transcripts

Small Exhibits

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		Page	
	ENERGY AN	E OF NEW MEXICO D MINERALS DEPARTMENT SERVATION DIVISION	
3	STATE	LAND OFFICE BLDG. FE, NEW MEXICO	
6		INER HEARING	
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8 9 4 	tion Division on order creating an ical and horizont pools in Chaves, velt Counties, Ne	ed by the Oil Conserva-) its own motion for an) CASE ad extending the vert-) 6986 cal limits of certain) Eddy, Lea, and Roose-) w Mexico.)	
VC Veric 455	BEFORE: Richard L. Stamets		1 1
28 12 - 13 -	TRANSCR	IPT OF HEARING	
14 15 16	For the Oil Conservation	A R A N C E S Ernest L. Padilla, Esq. Legal Counsel to the Division	
18 19	Division:	State Land Office Bldg. Santa Fe, New Mexico 87501	
20 21	For the Applicant:		
22 23 24			
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MR. STAMETS: We will call next Case 6986. In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating and extending the vertical and horizontal limits of certain pools in Chaves, Eddy, Lea, and Roosevelt Counties, New Mexico, MR. PADILLA: Ernest L. Padilla on behalf of the Oil Conservation Division, Mr. Examiner, and I have

(Witness sworn,)

one witness, who needs to be sworn.

MIKE HOLLAND

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

DIRECT EXAMINATION

BY MR. PADILLA:

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SALLY W. BOYD,

Q Mr. Holland, for the record would you please state your name, by whom you're employed, and in what capacity?

A. My name is Mike Holland, I'm employed by the Oil Conservation Division here in Santa Fe, and I'm a geologist and field representative,

Q Mr. Holland, as a geologist, do you make recommendations to the Division concerning the nomenclature

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1 of certain pools in the State of New Mexico? 2 Yes, I do. A. 3 Are you now prepared to make recommenda-0 4 tions to the Division concerning the nomenclature of certain Ð pools in Chaves, Eddy, Lea, and Roosevelt Counties, New 8 Mexico? 7 A. Yes. Q. Are your recommendations prepared in the 9 form of an exhibit? 10 Yes, Exhibit One, which is before the 11 Examiner. 12 Referring to Exhibit One and to the docket 13 which has been prepared in this hearing, would you point out 14 any substantial differences between the two? 15 We have four additions to the Exhibit A. 16 Otherwise everything else is the same as on the docket. Qne. 17 The first addition is in the Diamond 18 Mound-Morrow Gas Pool in Eddy County. The addition is in 19 Township 16 South, Range 28 East. The addition is Section 20 4, Lots 3, 4, 5, 6, 11, 12, 13, and 14. 21 MR. STAMETS: What paragraph is that? 22 That's paragraph (s). 23 The next addition is in paragraph (gg), 24 Township 17 South, Range 25 East, Section 31; all of Section 31,

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The third addition is in paragraph (mm). The addition is Township 18 South, Range 28 East, the west half of Section 26.

The fourth addition is in Township 19 South, Range 28 East, the south half of Section 1.

> MR. STAMETS: What -- is this the same? Same paragraph, (mm).

That's all I have.

Mr. Holland, do you have anything further

to add to your testimony?

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SALLY W. BOYD, C

MR. PADILLA: Mr. Examiner, I move that

Exhibit One be admitted in evidence.

NO.

MR. STAMETS: Exhibit One will be admitted. Any guestions of this witness? He may be excused.

Anything further in this case?

The case will be taken under advisement.

(Hearing concluded.)

1 2 CERTIFICATE 3 I, SALLY W. BOYD, C.S.R., DO HEREPY CERTIFY that the foregoing Transcript of Hearing before the Oil Conserva-5 tion Division was reported by me; that the said transcript 6 is a full, true, and correct record of the hearing, prepared .7 by me to the best of my ability. 8 9 1 SALLY W. BOYD, C.S.R. 10 Solly W. Boyd 11 12 13 14 15 I do hereby certify that the foregoing is 16 a complete record of the proceedings in the Examiner hearing of Case No. 6986 17 23 heard by me on 18 Examiner Vienne Oll Conservation Division 19 ÷ \odot 20 21 22 23 24

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Page STATE OF NEW MEXICO 1 ENERGY AND MINERALS DEPARTMENT <u>, v</u> OIL CONSERVATION DIVISION 2 STATE LAND OFFICE BLDG. SANTA FE, NEW MEXICO 3 4 EXAMINER HEARING 5 6 IN THE MATTER OF: 7 The hearing called by the Oil Conservation Division on its own motion for an) CASE 8 order creating and extending the vert-6986 -) ical and horizontal limits of certain 9 pools in Chaves, Eddy, Lea, and Roosevelt Counties, New Mexico. SALLY W. BOYD, C.S.R. Rt. 1 Box 193 B Sana Fe, New Merito 17501 10 11 BEFORE: Richard L. Stamets S 12 TRANSCRIPT OF HEARING 13 14 APPEARANCES 15 16 Ernest L. Padilla, Esq. For the Oil Conservation Legal Counsel to the Division 17 Division: State Land Office Bldg. Santa Fe, New Mexico 87501 \sim 18 19 20 For the Applicant: 21 22 23 24 25

INDEX MIKE HOLLAND Direct Examination by Mr. Padilla SALLY W. B()YD, C.S.R. Rt. 1 Boy 19:1B Santa Fe, New Mexico 87301 Phone (503) 455:7409 EXHIBITS ÷., Division Exhibit One, Document Â 5) 19 The second s

MR. STAMETS: We will call next Case 6986. In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating and extending the vertical and horizontal limits of certain pools in Chaves, Eddy, Lea, and Roosevelt Counties, New Mexico. MR. PADILLA: Ernest L. Padilla on behalf of the Oil Conservation Division, Mr. Examiner, and I have

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A My name is Mike Holland. I'm employed by the Oil Conservation Division here in Santa Fe, and I'm a geologist and field representative.

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A. Yes.

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A. Yes, Exhibit One, which is before the Examiner.

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A. We have four additions to the Exhibit One. Otherwise everything else is the same as on the docket.

The first addition is in the Diamond Mound-Morrow Gas Pool in Eddy County. The addition is in Township 16 South, Range 28 East. The addition is Section 4, Lots 3, 4, 5, 6, 11, 12, 13, and 14.

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The next addition is in paragraph (gg), Township 17 South, Range 25 East, Section 31; all of Section 31. The third addition is in paragraph (mm). The addition is Township 18 South, Range 28 East, the west

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half of Section 26.

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SALLY W. BOYD, C.S.I

The fourth addition is in Township 19 South, Range 28 East, the south half of Section 1.

MR. STAMETS: What --- is this the same?

Same paragraph, (mm).

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Q. Mr. Holland, do you have anything further to add to your testimony?

No.

MR. PADILLA: Mr. Examiner, I move that Exhibit One be admitted in evidence.

MR. STAMETS: Exhibit One will be admitted. Any questions of this witness? He may be excused.

Anything further in this case?

The case will be taken under advisement.

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(Hearing concluded.)

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STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT DIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING Called by the Oil Conservation Division for the Purpose of Considering:

> CASE NO. 6986 Order No. R-6420

THE APPLICATION OF THE OIL CONSERVATION DIVISION UPON ITS OWN MOTION FOR AN ORDER CREATING AND EXTENDING VERTICAL AND HORIZONTAL LIMITS OF CERTAIN POOLS IN CHAVES, EDDY, LEA, AND ROOSEVELT COUNTIES, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on July 23, 1980; at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this <u>4th</u> day of August, 1980, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the

FINDS:

(1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Bone Spring formation, said pool to bear the designation of Forty Niner Ridge-Bone Spring Pool, Said Forty Niner Ridge-Bone Spring Pool was discovered by the Getty Oil Company Forty Niner Ridge Unit Well No. 2 located in Unit G of Section 21, Township 23 South, Range 30 East, NMPM. It was completed in the Bone Spring formation on October 19, 1977. The top of the perforations is

(3) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Mis-Sissippian formation, said pool to beer the designation of Gladiole-Mississippian Pool. Said Gladiola-Mississippian Pool was discovered by the Skelton Oil Company Z. Taylor Well No. 2 located in Unit G of Section 7, Township 12 South, Range 38 East, NMPM. It was completed in the Mississippian formation -2-Case No. 6986 Order No. R-6420

on May 25, 1980. The top of the perforations is at 11,405 feet.

(4) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Strawn formation, said pool to bear the designation of Pawnes-Strawn Gas Pool. Said Pawnes-Strawn Gas Pool was discovered by the Gifford, Mitchell & Wisenbaker White Eagle Well No. 1 located in Unit F of Section 22, Township 26 South, Range 36 East, NMPM. It was completed in the Strawn formation on April 18, 1980. The top of the perforations is at 12,505 feet.

(5) That there is need for the creation of a new pool in Chaves County, New Mexico, for the production of gas from the Abo formation, said pool to bear the designation of Penjack-Abo Gas Pool. Said Penjack-Abo Gas Pool was discovered by the McClellan Oil Corporation Penjack Well No. I located in Unit D of Section 6, Township 10 South, Range 26 East, NMPM. It was completed in the Abo formation on February 3, 1979. The top of the perforations is at 4312 feet.

(6) That there is need for the creation of a new pool in Roosevelt County, New Moxico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation of North Peterson-Pennsylvanian Pool. Said North Peterson-Pennsylvanian Pool was discovered by the Enserch Exploration, Inc. Amoon State Well No. 1 located in Unit L of Section 16, Township 's South, Range 33 East, NMPM. It was completed in the Pennsylvanian formation on June 4, 1980. The top of the perforations is at 7826 feet.

(7) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Horrow formation, said pool to bear the designation of Red Hills-Morrow Gas Pool. Said Red Hills-Morrow Gas Pool was discovered by the Amoco Production Company Andrikopoulos Federal Well No. 1 located in Unit L of Section 24, Township 25 South, Range 33 East, NHPM. It was completed in the Morrow formation on April 14, 1980. The top of the perforations is at 14,986 feet.

(8) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of Sand Point-Atoka Gas Pool. Said Sand Point-Atoka Gas Pool was discovered by the Perry R. Bass Big Eddy Unit Well No. 72 located in Unit R of Section 3, Township 21 South, Range 28 East, NMPH. It was completed in the Atoka formation on May 28, 1980. The top of the perforations is at 11,265 feet. -3-Case No. 6986 Order No. R-6420

(9) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Young-Morrow Gas Pool. Said Young-Morrow Gas Pool was discovered by the Harvey E. Yetes Company Young Deep Unit Well No. 1 located in Unit D of Section 10, Township 18 South, Range 32 East, NMPM. It was completed in the Morrow formation on April 18, 1980. The top of the perforations is at 12,835 feet.

(10) That there is need for the extension of the vertical limits of the Nadine-Drinkard Pool in Les County, New Mexico, to include the Abo formation and the redesignation of said pool as the Nadine Drinkard-Abo Pool.

(11) That there is need for the extension of the vertical limits of the Sioux Tansill-Yates Pool in Lea County, New Moxico, to include the Seven Rivers formation and the redesignation of said pool as the Sioux Tansill-Yates-Seven Rivers Pool and the extension of the horizontal limits of said pool.

(12) That there is need for certain extensions to the West Bitter Lake-San Andres Pool, the Buffalo Valley-Pennsylvanian Gas Pool, the Cato-San Andres Pool, the Race Track-San Andres Pool, the Railroad Mountain-San Andres Pool, the Round Tank-Queen Associated Pool, the Tom-Tom San Andres Pool, and the Twin Lakes-San Andres Accounted Pool, all in Chaves County, New Mexico, and the Baldridge Canyon-Morrow Gas Pool, the North Benson Queen-Grayburg Pool, the Boyd-Morrow Gas Pool, the Diamond Mound-Atoka Gas Pool, the Diamond Mound-Morrow Gas Pool, the East Eagle Creek Atoks-Morrow Gas Pool, the Indian Flats-Atoka Gas Pool, the Indian Flats-Morrow Gas Pool, the Southwest Indian Flats-Morrow Gas Pool, the Penasco Draw-Morrow Gas Pool, the Red Lake-Pennsylvanian Gas Pool, the Richard Knob Atoka-Morrow Gas Pool, the Sand Point-Morrow Gas Pool, and the North Turkey Track-Morrow Gas Pool, all in Eddy County, New Mexice, and the Airstrip-Wolfcamp Pool, the Gem-Morrow Gas Pool, the East Grama R.Age-Morrow Gas Pool, and the La Rica-Morrow Gas Pool, all in Lea County, New Mexico, and the South Peterson-Pennsylvanian Rowl, and the South Poense Pool, all in Lake-Morrow Gas Pool, and the South Peterson-Pennsylvanian Rowl Morrow Gas Pool, and the South Peterson-Pennsylvanian Rowl and the Tomahawk-San Andres Pool, both in Roosevelt County, New

IT IS THEREFORE ORDERED:

(a) That a new pool in Eddy County, New Mexico, classified as an oil pool for Bone Spring production is hereby created and -4-Case No. 6986 Order No. R-6420

designated as the Forty Niner Ridge-Bone Spring Pool, consisting of the following described area:

> TOWNSHIP 23 SOUTH. RANGE 30 EAST, NMPM Section 21: NE/4

(b) That a new pool in Lea County, New Mexico, classified as an oil pool for Mississippian production is hereby created and designated as the Gladiola-Mississippian Pool, consisting of the following described area:

> TOWNSHIP 12 SOUTH, RANGE 38 EAST, NMPM Soction 7: NE/4

(c) That a new pool in Lea County, New Mexico, classified as a gas pool for Strawn production is hereby created and designated as the Pawnee-Strawn Gas Pool, consisting of the following pescribed area:

> TOWNSHIP 26 SOUTH, RANGE 36 EAST, NMPM Section 22: N/2

(d) That a new pool in Chaves County, New Mexico, classified as a gas pool for Abo production is hereby created and designated as the Perjack-Abo Gas Pool, consisting of the following described area:

> TOWNSHIP 9 SOUTH, RANGE 25 EAST, NMPM Section 36: SE/4

TOWNSHIP 9 SOUTH, RANGE 26 EAST, NHPH Section 31: SW/4

TOWNSHIP 10 SOUTH, RANGE 25 EAST, NMPM Section 1: E/2 and NW/4 Section 2: NE/4

TOWNSHIP 10 SOUTH, RANGE 26 EAST, NMPM Section 6: NW/4

(e) That a new pool in Roosevelt County, New Mexico, classified as an oil pool for Pennsylvanian production is hereby created and designated as the North Peterson-Pennsylvanian Pool, consisting of the following described area:

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TOWNSHIP 4 SOUTH, RANGE 33 EAST, NMPM Section 16: SW/4 Case No. 6980 Order No. R-6420

(f) That a new pool in Lea County, New Mexico, classified as a gas pool for Morrow production is hereby created and designated as the Red Hills-Morrow Gas Pool, consisting of the following described area:

TOWNSHIP 25 SOUTH, RANGE 33 EAST, NMPH Section 24: W/2

(g) That a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production is hereby created and designated as the Sand Point-Atoka Gas Pool, consisting of the following described area:

TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPM Section 31 5/2

(h) That a new pool in Les County, New Mexico, classified as a gas pool for Morrow production is hereby created and decignated as the Young-Morrow Gas Pool, consisting of the following described area:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NHPM Section 10: W/2

(i) That the Airstrip-Wolfcamp Pool in Lea County, New Hexice, as heretofore classified, defined, and described, is hereby extended to include therein.

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM Section 26: SE/4

(j) That the Baldridge Canyon-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 24 SOUTH, RANGE 24 EAST, NMPM Section 11: All

Section 11: All Section 12: W/2 Section/13: W/2

(k) That the Hid Bell Lake-Devonian Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NHPM Section 18: N/2 and SW/4 -6-Case No. 6986 Order No. R-6420

1

(1) That the North Benson Queen-Grayburg Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSKIP 18 SOUTH, RANGE 30 EAST, NHPH Soction 33: 80/4

(m) That the West Bitter Lake-San Andres Pool in Chaves County, New Mexico, as heretofore classified, defined, and despribed, is hereby extended to include therein:

> TOWNSHIP 10 SOUTH, RANGE 25 EAST, NHPH Section 17: SE/4 NE/4

(n) That the Bayd-Morrow Gas Pool in Eddy County, New Mexico, an heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 18 SOUTH, RANGE 25 EAST, NHPH Bection 35: 5/2

> TOWNSHIP 19 SOUTH, RANGE 25 EAST, NHPH Section 2: All

(a) That the Brunson-Fusselman Pool in Les County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 22 SOUTH, RANGE 37 EAST, HMPM Section 9: NW/4

(p) That the Buffalo Valley-Pennsylvanian Gas Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 14 SOUTH, RANGE 28 EAST, NHPH Section 31: All

(q) That the Cato-Sen Andres Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

THE ADDRESS

TOWNSHIP 7 SOUTH, RANGE 31 EAST, NHPH Seption 31: SE/4 -7-Case No. 6986 Drder No. R-6420

(r) That the Diamond Mound-Atoka Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM Section 6: Lote 3, 4, 5, 6, 11, 12, 13, and 14

(s) That the Diamond Mound-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM Section 4: Lots 3, 4, 5, 6, 11, 12, 13, and 14 Section 5: Lots 1, 2, 7, 8, 9, 10, 15, and 16

(t) That the East Eagle Creek Atoka-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM Bantion 22: All Section 23: W/2

(u) That the Gem-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPH Section 32: N/2

(v) That the East Grama Ridge-Morrow Gas Peol in Lea County, New Maxico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPH Section 36: 5/2

(w) That the Indian Flats-Atoka Gas Pool in Eddy County, lew Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPH Section 25: N/2 Section 26: E/2

-8-Case No. 6986 Order No. R-6420

(x) That the Indian Flats-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 21 SCUTH, RANGE 28 EAST, NMPM Section 23: E/2 Section 26: E/2

(y) That the Southwest Indian Flats-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPH Section 9: All Section 10: W/2

(2) That the La Rica-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPH Section 2: All

(aa) That the vertical limits of the Nadine-Drinkard Pook in Lea County, New Mexico, are hereby extended to include the Abo formation and said pool redesignated the Nadine Drinkard-Abo Pool.

(bb) That the Penasco Draw-Norrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 19 SOUTH, RANGE 24 EAST, NMPM Section 1: N/2

(co) That the South Peterson-Pennsylvanian Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 5 SOUTH, RANGE 33 EAST, NMPM Section 30: SW/4 Section 31: NW/4 and N/2 SW/4

(dd) That the Race Track-San Andres Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 10 SOUTH, RANGE 28 EAST, NHPH Section 18: 5/2 SE/4 Section 20: E/2 NW/4 and SW/4 NW/4

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(ee) That the Railroad Mountain-San Andres Pool in Chaves County, New Mexico, as heretofore classified, defined, and desbribed, is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 28 EAST, NMPM Section 2: W/2 SW/4 Section 3: E/2 SE/4 and SE/4 NE/4

(ff) That the Red Lake-Penneylvanian Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM Section 29: 5/2

(gg) That the Richard Knob Atoka-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM Section 31: All

TOWNSHIP 18 SOUTH, RANGE 24 EAST. NMPM Section 13: All

(hh) That the Round Tank-Queen Associated Pool in Chaves County, New Mexico, as heretofore classified, defined, and desoribed, is hereby extended to include therein:

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM Section 19: SW/4 SE/4

(11) That the Sand Point-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPM Section 2: Lots 11, 12, 13, 14, and SW/4

(jj) That the vertical limits of the Sioux Tanaill-Yates Pool in Lea County, New Mexico, are hereby extended to include the Seven Rivers formation and said pool redesignated the Sioux Tanaill-Yates-Seven Rivers Pool. Further, said pool is hereby extended to include therein:

> TOWNSHIP 26 SOUTH, RANGE 36 EAST, NHPM Section 16: SW/4

-10-Case No. 6986 Order No. R-6420

(kk) That the Tomahawk-Sen Andres Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 7 SOUTH, RANGE 32 EAST, NMPM Section 19: SE/4

(11) That the Tom-Tom San Andres Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 7 BOUTH, RANGE 31 EAST, NMPM Section 25: NE/4

(mm) That the North Turkey Track-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM Section 26: W/2

> TOWNSHIP 10 SOUTH, RANGE 29 EAST, NMPM Section 27: N/2 Section 28: N/2 Section 33: N/2 Section 34: N/2

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM Section 1: 5/2

(nn) That the Twin Lakes-San Andres Associated Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 8 SOUTH, RANGE 28 EAST, NMPM Section 24: SE/4 SW/4 Section 25: N/2 and N/2 SW/4

TOWNSHIP & SOUTH, RANGE 29 EAST, NHPM Section 18: 5/2 SW/4 and SW/4 SE/4 Section 19: NW/4 and N/2 SW/4 Section 31: SW/4

TOWNSHIP 9 SOUTH, RANGE 28 EAST, NMPM Section 1: SE/4 NE/4, NE/4 SE/4, and S/2 S/2 -11-Case No. 6986 Drder No. R-6420

IT IS FURTHER ORDERED:

(1) That pursuant to Saction 70-2-18, NMSA 1978, contained in Chapter 271, Laws of 1969; any well which, by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or promation units larger than the one which is presently dedicated thereto, shall have 60 days from the effective date of this order in which to file new Forms C-102 dedicating a standard unit for the pool to said well, or to obtain a non-standard unit approved by the Division. Pending such compliance, the well shall receive a maximum allowable in the same proportion to a standard allowable for the pool that the acreage dedicated to the well bears to a standard unit for the pool. Failure to file form C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Division of allowable.

(2) That the effective date of this order and all creations and extensions of vertical and horizontal limits included herein shall be August 1, 1980.

DONE at Santa Fø, New Mexico, on the day and year hereinabove depignated.

> STATE OF NEW MEXICO OIL CONSERVATION DIVISION

Director

7d/

F.

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

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

CASE NO. 6986 ORDER NO. R-6420

THE APPLICATION OF THE OIL CONSERVATION DIVISION UPON ITS OWN MOTION FOR AN ORDER CREATING AND EXTENDING VERTICAL AND HORIZONTAL LIMITS OF CERTAIN POOLS IN CHAVES, EDDY, LEA, AND ROOSEVELT COUNTIES, NEW MEXICO

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9:00 a.m. on July 23, 1980, at Santa Fe, New Mexico, before Examiner R. L. Stamets.

NOW, on this ______ day of July, 1980, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

. 4

(1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Bone Spring formation, said pool to bear the designation of Forty Niner Ridge-Bone Spring Pool. Said Forty Niner Bone Spring Pool was discovered by the Getty Oil Company Forty Niner Ridge Unit Well No. 2 located in Unit G of Section 21, Township 23 South, Range 30 East, NMPM. It was completed in the Bone Spring formation on October 19, 1977. The top of the perforations is at 7514 feet.

(3) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Mississippian formation, said pool to bear the designation of Gladiola-Mississippian Pool. Said Gladiola-Mississippian Pool was discovered by the Skelton Oil Company Z. Taylor Well No. 2 located in Unit G of Section 7, Township 12 South, Range 38 East, NMPM. It was completed in the Mississippian formation on May 25, 1980. The top of the perforations is at 11,405 feet.

(4) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Strawn formation, said pool to bear the designation of Pawmee-Strawn Gas Pool. Said Pawnee-Strawn Gas Pool was discovered by the Gifford, Mitchell & Wisenbaker White Eagle Well No. 1 located in Unit F of Section 22, Township 26 South, Range 36 East, NMPM. It was completed in the Strawn formation on April 18, 1980. The top of the perforations is at 12,505 feet.

(5) That there is need for the creation of a new pool in Chaves County, New Mexico, for the production of gas from the Abo formation, said pool to bear the designation of Penjack-Abo Gas Pool. Said Penjack-Abo Gas Pool was discovered by the McClellan Oil Corporation Penjack Well No. 1 located in Unit D of Section 6, Township 10 South, Range 26 East, NMPM. It was completed in the Abo formation on Feburary 3, 1979. The top of the perforations is at 4312 feet.

(6) That there is need for the creation of a new pool in Roosevelt County, New Mexico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation of North Peterson-Pennsylvanian Pool. Said North Peterson-Pennsylvanian Pool was discovered by the Enserch Exploration, Inc. Amoco State Well No. 1 located in Unit L of Section 16, Township 4 South, Range 33 East, NMPM. It was completed in the Pennsylvanian formation on June 4, 1980. The top of the perforations is at 7826 feet.

-2-CASE NO. <u>6986</u> ORDER NO.

(7) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Red Hills-Morrow Gas Pool. Said Red Hills-Morrow Gas Pool was discovered by the Amoco Production Company Andrikopoulos Federal Well No. 1 located in Unit L of Section 24, Township 25 South, Range 33 East, NMPM. It was completed in the Morrow formation on April 14, 1980. The top of the perforations is at 14,986 feet.

(8) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of Sand Point-Atoka Gas Pool. Said Sand Point-Atoka Gas Pool was discovered by the Perry R. Bass Big Eddy Unit Well No. 72 located in Unit R of Section 3, Township 21 South, Range 28 East, NMPM. It was completed in the Atoka formation on May 28, 1980. The top of the perforations is at 11,265 feet.

(9) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Young-Morrow Gas Pool. Said Young-Morrow Gas Pool was discovered by the Harvey E. Yates Company Young Deep Unit Well No. 1 located in Unit D of Section 10, Township 18 South, Range 32 East, NMPM. It was completed in the Morrow formation on April 18, 1980. The top of the perforations is at 12,835 feet.

(10) That there is need for the extension of the vertical limits of the Nadine-Drinkard Pool in Lea County, New Mexico, to include the Abo formation and the redesignation of said pool as the Nadine-Drinkard-Abo Pool.

(11) That there is need for the extension of the vertical limits of the Sioux-Tansill-Yates Pool, in Lea County, New Mexico, to include the Seven Rivers formation and the redesignation of said pool as the Sioux-Tansill-Yates-Seven Rivers Pool and the extension of the horizontal limits of said pool.

(11) That there is need for certain extensions to the West Bitter Lake-San Andres Pool, the Buffalo Valley-Pennsylvanian Gas Pool, the Cato-San Andres Pool, the Race Track-San Andres Pool, the Railroad Mountain-San Andres Pool, the Round Tank-Queen Associated Pool, the Tom-Tom-San Andres Pool, and the Twin Lakes-San Andres Associated Pool, all in Chaves County, New Mexico, and the Baldridge Canyon-Morrow Gas Pool, the North Benson-Queen-Grayburg Pool, the Boyd-Morrow Gas Pool, the Diamond Mound-Atoka Gas Pool, the Diamond Mound-Morrow Gas Pool, the East Eagle Creek-Atoka-Morrow Gas Pool, the Indian Flats-Atoka Gas Pool, Indian Flats-Morrow Gas Pool, the Southwest Indian Flats-Morrow Gas Pool the Penasco-Draw-Morrow Gas Pool, the Red Lake-Pennsylvanian Gas Pool, the Richard Knob-Atoka-Morrow Gas Pool, the Sand Point-Morrow Gas Pool, and the North Turkey Track-Morrow Gas Pool, all in Eddy County, New Mexico, and the Airstrip-Wolfcamp Pool, and the Mid Bell Lake-Devonian Gas Pool, the Brunson-Fusselman Pool, the Gem-Morrow Gas Pool, the East Grama Ridge-Morrow Gas Pool, and La Rica-Morrow Gas Pool, all in Lea County, New Mexico, and the South Peterson-Pennsylvanian Pool and the Tomahawk-San Andres Pool both in Roosevelt County, New Mexico.

IT IS THEREFORE ORDERED:

(a) That a new pool in Eddy County, New Mexico, classified as an oil pool for Bone Spring production is hereby created and designated as the Forty Niner Ridge-Bone Spring Pool, consisting of the following described area:

TOWNSHIP 23 SOUTH, RANGE 30 EAST, NMPM Section 21: NE/4

(b) That a new pool in Lea County, New Mexico, classified as an oil pool for Mississippian production is hereby created and designated as the Gladiola-Mississippian Pool, consisting of the following described area:

> TOWNSHIP 12 SOUTH, RANGE 38 EAST, NMPM Section 7: NE/4

(c) That a new pool in Lea County, New Mexico, classified as a gas pool for Strawn production is hereby created and designated as the Pawnee-Strawn Gas Pool, consisting of the following described area:

TOWNSHIP 26 SOUTH, RANGE 36 EAST, NMPM Section 22: N/2 CASE NO. 6986 ORDER NO.

-3-

(d) That a new pool in Chaves County, New Mexico, classified as a gas pool for Abo production is hereby created and designated as the Penjack-Abo Gas Pool, consisting of the following described area:

> TOWNSHIP 9 SOUTH, RANGE 25 EAST, NMPM Section 36: SE/4

TOWNSHIP 9 SOUTH, RANGE 26 EAST, NMPM Section 31: SW/4

TOWNSHIP 10 SOUTH, RANGE 25 EAST, NMPM Section 1: E/2 and NW/4 Section 2: NE/4

TOWNSHIP 10 SOUTH, RANGE 26 EAST, NMPM Section 6: NW/4

(e) That a new pool in Roosevelt County, New Mexico, classified as an oil pool for Pennsylvanian production is hereby created and designated as the North Peterson-Pennsylvanian Pool, consisting of the following described area:

> TOWNSHIP 4 SOUTH, RANGE 33 EAST, NMPM Section 16: SW/4

(f) That a new pool in Lea County, New Mexico, classified as a gas pool for Morrow production is hereby created and designated as the Red Hills-Morrow Gas Pool, consisting of the following described area.

TOWNSHIP 25 SOUTH, RANGE 33 EAST, NMPM Section 24: W/2

(g) That a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production is hereby created and designated as the Sand Point-Atoka Gas Pool, consisting of the following described area:

> TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPM Section 3: S/2

(h) That a new pool in Lea County, New Mexico, classified as a gas pool for Morrow production is hereby created and designated as the Young-Morrow Gas Pool, consisting of the following described area:

> TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM Section 10: W/2

(i) That the Airstrip-Wolfcamp Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM Section 26: SE/4

(j) That the Baldridge Canyon-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 24 SOUTH, RANGE 24 EAST, NMPM Section 11: A11 Section 12: W/2 Section 13: W/2

(k) That the Mid Bell Lake-Devonian Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM Section 18: N/2 and SW/4

(1) That the North Benson Queen-Grayburg Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM Section 33: SW/4

(m) That the West Bitter Lake-San Andres Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

CASE NO. <u>6986</u> ORDER NO.

> TOWNSHIP 10 SOUTH, RANGE 25 EAST, NMPM Section 17: SE/4 NE/4

(n) That the Boyd-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM Section 35: S/2

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM Section 2: All

(o) That the Brunson-Fusselman Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM Section 9: NW/4

(p) That the Buffalo Valley-Pennsylvanian Gas Pool in Chaves County, New Mexico, as heretofore, classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 14 SOUTH, RANGE 28 EAST, NMPM Section 31: All

(q) That the Cato-San Andres Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 7 SOUTH, RANGE 31 EAST, NMPM Section 31: SE/4

(r) That the Diamond Mound-Atoka Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> <u>TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM</u> Section 6: Lots 3, 4, 5, 6, 11, 12, 13, and 14

(s) That the Diamond Mound-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

Addition ------ TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM Section 4: Lots 3, 4, 5, 6, 11, 12, 13, and 14 Section 5: Lots 1, 2, 7, 8, 9, 10, 15, and 16

(t) That the East Eagle Creek Atoka-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM Section 22: All Section 23: W/2

(u) That the Gem-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM Section 32: N/2

(v) That the East Grama Ridge-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM Section 36: \$/2

(w) That the Indian Flats-Atoka Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPM Section 25: N/2 Section 26: E/2

(x) That the Indian Flats-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPM Section 23: E/2 Section 26: E/2

-5-CASE NO. <u>6986</u> ORDER NO. _____

(y) That the Southwest Indian Flats-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM Section 9: All Section 10: W/2

(z) That the La Rica-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM Section 2: All

(aa) That the vertical limits of the Nadine-Drinkard Pool in Lea County, New Mexico, are hereby extended to include the Abo formation and said pool redesignated the Nadine-Drinkard-Abo Pool.

(bb) That the Penasco Draw-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 19 SOUTH, RANGE 24 EAST, NMPM Section 1: N/2

(cc) That the South Peterson-Pennsylvanian Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 5 SOUTH, RANGE 33 EAST, NMPM Section 30: SW/4 Section 31: NW/4 and N/2 SW/4

(dd) That the Race Track-San Andres Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP TO SOUTH: RANGE 28 EAST, NMPM Section 18: S/2 SE/4 Section 20: E/2 NW/4 and SW/4 NW/4

(ee) That the Railroad Mountain-San Andres Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 28 EAST, NMPM Section 2: W/2 SW/4 Section 3: E/2 SE/4 and SE/4 NE/4

(ff) That the Red Lake-Pennsylvanian Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM Section 29: S/2

(gg) That the Richard Knob Atoka-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

Addition --

TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM Section 31: All

TOWNSHIP 18 SOUTH, RANGE 24 EAST, NMPM Section 13: A11

(hh) That the Round Tank-Queen Associated Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM Section 19: SW/4 SE/4

(ii) That the Sand Point-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPM Section 2: Lots 11, 12, 13, 14, and SW/4

(jj) That the vertical limits of the Sioux Tansill-Yates Pool in Lea County, New Mexico, are hereby extended to include the Seven Rivers formation and said pool redesignated the Sioux Tansill-Yates-Seven Rivers Pool. Further, said pool CASE NO. 6986 ORDER NO.

is hereby extended to include therein:

TOWNSHIP 26 SOUTH, RANGE 36 EAST, NMPM Section 16: SW/4

(kk) That the Tomahawk-San Andres Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 7 SOUTH, RANGE 32 EAST, NMPM Section 19: SE/4

(11) That the Tom-Tom-San Andres Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 7 SOUTH, RANGE 31 EAST, NMPM Section 25: NE/4

(mm) That the North Turkey Track-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM Section 26: W/2

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM Section 27: N/2 Section 28: N/2 Section 33: N/2 Section 34: N/2

Addition ------

Addition ----

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM Section 1: S/2

(nn) That the Twin Lakes-San Andres Associated Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 28 EAST, NMPM Section 24: SE/4 SW/4 Section 25: N/2 and N/2 SW/4

TOWNSHIP 8 SOUTH, RANGE 29 EAST, NMPM Section 18: S/2 SW/4 and SW/4 SE/4 Section 19: NW/4 and N/2 SW/4 Section 31: SW/4

TOWNSHIP 9 SOUTH, RANGE 28 EAST, NMPM Section 1: SE/4 NE/4, NE/4 SE/4 and S/2 S/2

IT IS FURTHER ORDERED:

(1) That pursuant to Section 70-2-18, NMSA 1978, contained in Chapter 271, Laws of 1969, any well which, by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger than the one which is presently dedicated thereto, shall have 60 days from the effective date of this order in which to file new Forms C-102 dedicating a standard unit for the pool to said well, or to obtain a non-standard unit approved by the Division. Pending such compliance, the well shall receive a maximum allowable in the same proportion to a standard allowable for the pool that the acreage dedicated to the well bears to a standard unit for the pool. Failure to file Form C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Division within said 60-day period shall subject the well to cancellation of allowable.

(2) That the effective date of this order and all creations, and extensions of vertical and horizontal limits included herein shall be August 1, 1980.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

It is recommended that a new <u>OIL</u> pool be created and designated NEW POOLS FORTY NINER RIDGE-BONE SPRING POOL. formation and the as the Vertical limits to be the BONE SPRING horizontal limits should be as follows: As shown in Paragraph (a) Exhibit I Discovery well was <u>Getty Oil Company Forty Niner Ridge Unit #2</u> located in Unit_G_Section_21 Township_23 Range_30 and was completed on Oct. 19, 1977 ____ pool be created and designated It is recommended that a new OIL Pool. GLADIOLA-MISSISSIPPIAN formation and the as the MISSISSIPPIAN Vertical limits to be the horizontal limits should be as follows: As shown in Paragraph (b) Exhibit I Discovery well was ______ Skelton Oil Company Z. Taylor #2 located in Unit G Section 7 Township 12 Range 38 and was completed on Top of perforations is at 11,405 feet. May 25, 1980 It is recommended that a new <u>GAS</u> pool be created and designated Pool. PAWNEE-STRAWN GAS formation and the ao the Vertical limits to be the ______STRAWN horizontal limits should be as follows: <u>As shown in Paragraph</u> (c) Exhibit I Discovery well was Gifford, Mitchell & Wisenberger White Eagle #1 located in Unit_F___Section_22___Township_26 Range___36 and was completed on Top of perforations is at 12,505 feet. April 18, 1980

NEW POOLS

It is recommended that a new <u>GAS</u> pool be created and designated as the <u>PENJACK-ABO GAS</u> Pool.

Vertical limits to be the <u>ABO</u> formation and the horizontal limits should be as follows: <u>As shown in Paragraph (d) Exhibit I</u> Discovery well was <u>McClellan Oil Corporation Penjack #1</u>

Located in Unit <u>D</u> Section <u>6</u> Township <u>10</u> Range <u>26</u> and was completed on <u>February 3, 1979</u>. Top of perforations is at <u>4312</u> feet.

It is recommended that a new <u>OIL</u> pool be created and designated as the <u>NORTH PETERSON PENNSYLVANIAN</u> Pool.

Vertical limits to be the <u>PENNSYLVANIAN</u> formation and the horizontal limits should be as follows: <u>As shown'in paragraph (e) Exhibit I</u> Discovery well was <u>Enserch Exploration</u>, Inc. Amoco State #1
located in UnitL_Section 16 Township4 Range 33 and was completed on June 4, 1980 _____. Top of perforations is at 7826 feet.

It is recommended that a new <u>GAS</u> pool be created and designated as the <u>RED HILLS-MORROW GAS</u> Pool.

Vertical limits to be the <u>MORROW</u> formation and the horizontal limits should be as follows: <u>As shown in paragraph (f) Exhibit I</u> <u>Discovery well was <u>Amoco Production Company Andrikopoulos Federal #1</u> located in Unit <u>L Section 24 Township 25 Range 33</u> and was completed on <u>April 14, 1980</u>. Top of perforations is at 14,986 feet.</u>

NEW POOLS

It is recommended that a new <u>GAS</u> pool be created and designated as the <u>SAND POINT-ATOKA GAS</u> Pool.

Vartical limits to be the <u>ATOKA</u> formation and the horizontal limits should be as follows: <u>As shown in Paragraph (g) Exhibit I</u> Discovery well was <u>Perry R. Bass Big Eddy Unit #72</u> located in Unit <u>R</u> Section 3 Township 21 Range 28 and was completed on

May 28, 1980 . Top of perforations is at 11,265. feet.

It is recommended that a new <u>GAS</u> pool be created and designated as the <u>YOUNG-MORROW GAS</u> Pool.

Vertical limits to be the <u>MORROW</u> formation and the horizontal limits should be as follows: <u>As shown in Paragraph (h) Exhibit I</u> Discovery well was Harvey E. Yates Company Young Deep Unit #1

Located in Unit D Section 10 Township 18 Range 32 and was completed on April 18, 1980 . Top of perforations is at 12,835 feet.

It is recommended that a new _____ pool be created and designated as the ______ Pool.

Vertical limits to be the ______ formation and the

horizontal limits should be as follows:

Discovery well was

located in Unit____Section___Township___Range____and was completed on

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CASE NO. 6986 (a) CREATION OF A NEW OIL POOL

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CASE NO. 6986 (y) EXTENSION OF AN EXISTING GAS POO

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CASE NO. 6986 (mm) EXTENSION OF AN EXISTING GAS POOL CONTD. Page 2 of 3 pages

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CASE NO. 6986 (nn) EXTENSION OF AN EXISTING ASSOCIATED POOL Contd. Page 3 of 3

Docket No. 22-80

Dockets No. 24-80 and 25-80 are tentstively set for August 6 and 20, 1980. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: COMMISSION HEARING - HONDAY - JULY 21, 1980

OIL CONSERVATION CONMISSION - 9 A.M. - MORGAN HALL STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

CASE 6967: Application of Amoco Production Company for a carbon dioxide gas unit agreement, Union, Harding, and Quay Counties, New Mexico. Applicant, in the above-styled cause, seeks approval for the Bravy Done Carbon Dioxide Gas Unit Area, comprising 1,174,225 acres, more or less, of State, Federal, and fee lands situate in all or portions of the following townships: in Union County: Township 18 North, Ranges 34 thru 37 East; Township 19 North, Ranges 34, 35, and 36 East; Townships 20 and 21 North, Ranges 34 and 35 East; Townships 22 and 23 North, Ranges 30 thru 35 East; Township 24 North, Ranges 31 thru 34 East; in Harding County: Townships 17 thru 21 North, Ranges 29 thru 33 East; and in Quay County: Township 16 North, Ranges 34, 35, and 36 East; and Township 17 North, Ranges 34 thru 37 East.

> The lands proposed to be included in said Bravo Dome Carbon Dioxide Gas Unit Area are more specifically described in documents on file with, and available for public inspection in, the offices of the Oil Conservation Division, State Land Office Building, Santa Fe, New Mexico.

Docket No. 23-80

DOCKET: EXAMINER HEARING - WEDNESDAY - JULY 23, 1980

9 A.H. - OIL CONSERVATION DIVISION CONFERENCE ROOM, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Richard L. Stamets, Examiner, or Daniel S. Nutter, Alternate Examiner: CASE 6968: In the matter of the hearing called by the Oil Conservation Division on its own motion to permit Bloom-field oil and Gas Company and all other interested parties to appear and show cause why the Sheetz Well No. 1 located in Unit M of Section 14, Township 29 North, Range 11 West, San Juan County, should not be plugged and ahandoned in accordance with a Division-approved plugging program. CASE 6969: In the matter of the hearing called by the Oil Conservation Division on its own motion to permit Associated Oil & Gas Company of New Mexico, Inc., Houston Fire and Casualty Insurance Company, and all other interested parties to appear and show cause why the Vigil Well No. 1 located in Unit J of Section 14, Township 12 North, Range 6 East, Sandoval County, should not be plugged and abandoned in accordance with a Division-approved plugging, program, CASE 6970: In the matter of the hearing called by the Oil Conservation Division on its own motion to permit Union Oil and Mining and all other interested parties to appear and show cause why the Carl Lanier Well No. 1 located in. Unit B of Section 6, Township 29 North, Range 9 West, San Juan County, should not be plugged and abandoned in accordance with a Division-approved plugging program. In the matter of the hearing called by the Oil Conservation Division on its own motion to permit Astec CASE 6971: Development Company and all other interested parties to appear and show cause why the Finch Well No. 1 located in Unit O of Section 15, Township 29 North, Range 11 West, San Juan County, should not be plugged and abandoned in accordance with a Division-approved plugging program. CASE 6972: In the matter of the hearing called by the Oil Conservation Division on its own motion to permit Coal Creek Oil Company and all other interested parties to appear and show cause why the W. E. Duggen Well No. 2 located in Unit H of Section 20, Township 29 North, Range 11 West, San Juan County, should not be plugged and abandoned in accordance with a Division-approved plugging program. In the matter of the hearing called by the Oil Conservation Division on its own motion to permit all CASE 6973: interested parties to appear and show cause why a well drilled by unknown parties and located in Unit E of Section 16, Township 30 North, Range 11 West, San Juan County, should not be plugged and abandoned in accordance with a Division-approved plugging program. Application of C & K Petroleum, Inc. for a unit agreement, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks approval for the White Draw Unit Ares, comprising 13,404 acres, more or less, of State, Federal, and fee lands in Township 3 South, Ranges 27 and 28 East. CASE 6974:

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Application of Bass Enterprises Production Company for a special gas-oil ratio limitation, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks a special gas-oil ratio limitation of 8000 to one for the Palmillo-Bone Springs Pool.

Application of Bass Enterprises Production Company for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of a Morrow test well to be drilled 660 feet from the North line and 1980 feet from the East line of Section 4 Township 25 South Bance 31 fast the E/2 of said Section 4 to be dedicated to the well. Section 4, Township 25 South, Range 31 Cast, the E/2 of said Section 4 to be dedicated to the well.

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Application of Bass Enterprises Production Company for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests down to and including the Strawn formation underlying the S/2 SE/4 of Section 13, Township 16 South, Range 36 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. designation of applicant as operator of the Will be the cost of drilling and completing said well and the silocation of the Cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.

CASE 6950;

CASE 6981:

Application of Bass Enterprises Production Company for a dual completion, Eddy County, New Mexico. Application of Bass Enterprises Production Company for a dual completion, Eddy County, New Mexico, Applicant, in the above-styled cause, seeks approval for the dual completion of its Palmillo State Well No. 1 located in Unit J of Section 1, Township 19 South, Range 28 East, to produce gas from the North Turkey Track-Morrow Pool and oil from an undesignated Wolfcamp pool thru the casing-tubing annulus and tubing, respectively. CASE 6960: (Continued from July 9, 1980, Examiner Hearing)

CASE 6980:

Application of Conoco Inc. for a dual completion and unorthodox well location, Lea County, New Mexico. Application of Conoco Inc. for a dual completion and unorthodox well location, Lea county, new mexic Applicant, in the above-styled cause, seeks approval for the dual completion of its Meyer A-29 Well No. 11 to be drilled at an unorthodox location 990 feet from the North line and 660 feet from the Feat line of Section 20 Tourship 22 South Range 36 East, to produce gas from the Langley-Devonian No. 11 to be drilled at an unorthodox location 990 feet from the North line and onu feet from the East line of Section 29, Township 22 South, Range 36 East, to produce gas from the Langley-Devonian and -Ellenburger Pools thru parallel strings of tubing, the E/2 of said Section 29 to be dedicated

to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of the cant as operator of the well, and a charge for risk involved in drilling said well. CASE 5961: (Continued from July 9, 1980, Examiner Hearing)

Application of Adobe Oil Company for compulsory pooling, Lea County, New Mexico. Application of Adobe Oil Company for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests down through the Wolfcamp formation underlying the NW/4 SE/4 for oil and the SE/4 for gas, Section 23, Township 20 South, Range 38 East, to be dedicated to a well to be drilled at a standard location thereon. Also

CASE 6940: (Continued from June 25, 1980, Examiner Hearing)

Application of Wolfson Oil Company for salt water disposal, Roosevelt County, New Mexico. CASE 6979: Application of Wolfson Oil Company for salt water disposal, Koosevelt County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the San Andres formation in the interval from 4108 feet to 4164 feet in its Mountain-Federal Well No. 1 in Unit G of Section 30, Township 7 South, Range 32 East, Tomahawk-San Andres Pool.

CASE 6977: Application of Benson Mineral Group, Inc. for salt water disposal, Sandoval County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Chacra formation in the interval from 1636 feet to 1743 feet in its Navajo Well No. 1 in Unit F of Section 9 Tourship 22 North Pages 7 West RusturChacra Pool Application of Benson Mineral Group, Inc. for salt water disposal, Sandoval County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Pictured Cliffs formation in the interval from 800 feet to 963 feet in its Federal Well No. 1 in

CASE 6978:

Application of R. N. Hillin for an NGFA determination, Edgy County, New Mexico. Applicant, in the above-styled cause, seeks a new onshore reservoir determination in the Wolfcamp formation for a well located 800 feet from the South Line and 2000 feet from the East line of Sec-

CASE 6976: Application of R. N. Hillin for an NGPA determination, Eddy County, New Mexico.

CASE 6975: Application of Jack Grynberg and Associates for a unit agreement, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks approval for the Rio Felix Unit Area, comprising 7,675 acres, more or less, of Federal, State, and fee lands in Township 14 South, Ranges 24 and 25 East.

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<u>CASE 6982:</u> In the matter of the hearing called by the Oil Conservation Division on its own motion to permit Aminoil USA to appear and show cause why its 1980 Plan of Operation/Development for its Willow Lake Unit Area, Eddy County, New Mexico, should not be disapproved.

CASE 6901: (Continued from June 25, 1980, Examiner Hearing)

Application of Harvey E. Yates Company for compulsory pooling, Les County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp thru Mississippian formations underlying the E/2 of Section 19, Township 14 South, Range 36 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 6954: (Continued from July 9, 1980, Examiner Hearing)

Application of Harvey E. Yates Company for amendment of Order No. R-6303, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the amendment of Order No. R-6303 which authorized the directional drilling of a well, the surface location of which is 660 feet from the North line and 1980 feet from the West line of Section 32, Township 13 South, Range 36 East. Applicant seeks approval for the bottom hole location of the well at a point 654 feet from the North line and 2158 feet from the West line of said Section 32.

CASE 6921: (Continued from July 9, 1980, Examiner Hearing)

Application of Harvey E. Yates Company for complusory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp-Hississispian formations underlying the S/2 of Section 33, Township 13 South, Range 36 East, to be dedicated to a well to be drilled at an unorthodox location 660 feet from the South line and 990 feet from the East line of Section 33. Also to be considered will be the cost of drilling and completing and well and the allocation of the cost thereof as well as actual operating costs and cxrges for supervision, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.

CASE 6983: Application of Harvey E. Yates Company for an NGPA determination, Lea County, New Mexico. Applicant, in the above-styled cause, seeks a new onshore reservoir determination in the Hississippian formation for its Betenbough Well No. 1 located in Unit C of Section 32, Township 13 South, Range 36 East.

CASE 6984: Application of Harvey E. Yates Company for designation of a tight formation, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the designation of the Mississippian formation underlying Townships 13, 14, and 15 South, Ranges 35 and 36 East, containing 138,240 acres, more or less, as a tight formation pursuant to Section 107 of the Natural Gas Policy Act and 18 CFR Section 271.701-705.

CASE 6929: (Readvertised)

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Application of Consolidated Oil 5 Gas, Inc. for downhole commingling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of Blanco Mesaverde and Basin-Dakota production in the wellbore of its NCRA Well No. 1-E located in Unit C of Section 22, Township 26 North, Range 7 West, by using the Dakota gas for gas lift of Mesaverde liquids after metering on the surface.

CASE 6985: In the matter of the hearing called by the Oil Conservation Division on its own motion for an order extending certain pools in McKinley, Rio Arriba, San Juan, and Sandoval Counties, New Mexico:

(a) EXTEND the Aztec-Farmington Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 30 NORTH, RANGE 11 WEST, NMPM Section 18: SE/4

(b) EXTEND the Aztec-Fruitland Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 29 NORTH, RANGE 11 WEST, NMPM Section 34: W/2

(c) EXTEND the Aztec-Pictured Cliffs Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM Section 1: SW/4

TOWNSHIP 30 NORTH, RANGE 10 WEST, NMPM Section 35: S/2

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(d) EXTEND the Ballard-Pictured Cliffs Pool in San Juan, Rio Arriba, and Sandoval Counties, New

TOWNSHIP 26 NORTH, RANGE 8 WEST, MMPM Section 8: NE/4 Section 9: NW/4

(e) EXTEND the Barker Creek Paradox Pool in San Juan County, New Mexico, to include therein: TOWNSHIP 32 NORTH, RANCE 14 WEST, MPM Section 19: All

(f) EXTEND the Bisti-Lower Galiup Oil Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 10 WEST, NMPH Section 5: N/2 NW/4 TOWNSHIP 25 NORTH, RANCE 10 WEST, NITH Section 31: N/2 SW/4

TOWNSHIP 25 NORTH, RANGE 11 WEST, NMPM Section 36: N/2 NW/4

(g) EXTEND the Blanco Mesaverde Pool in Rio Arriba and San Juan Counties, New Mexico, to include

TOWNSHIP 26 NORTH, RANGE 2 WEST, NMPH Section 6: All (Partial Section) TOWNSHIP 26 MORTH, MANUE 4 WEST, MAPH Section 18: All

Section 19: All

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM Section 24: E/2

(h) EXTEND the Blanco-Pictured Cliffs Pool in San Juan and Rio Arriba Counties, New Mexico, to

TOWNSHIP 29 NORTH, RANGE 8 WEST, NMPM Section 4: SW/4

TOWNSHIP 30 NORTH, RANGE 9 WEST, NMPM Section 4: SW/4

TOWNSHIP 30 NORTH, RANGE 10 WEST, NMPM Section 22: SW/4

TOWNSHIP 32 NORTH, RANGE 12 WEST, NMPM Section 36: 5/2

(i) EXTEND the South Blanco-Pictured Cliffs Fool in Rio Arriba, Sandoval, and San Juan Counties, New Mexico, to include therein:

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TOWNSHIP 28 NORTH, RANCE 8 WEST, NMPM Section 11: W/2

(j) EXTEND the Chaco Wash-Mesaverde Oil Pool in McKinley County, New Mexico, to include therein:

TOWNSHIP 20 NORTH, RANCE 9 WEST, NMPM Section 28: N/2 NE/4

(k) EXTEND the Chacon-Dakota Associated Pool in Rio Arriba and Sandoval Counties, New Mexico, to

TOWNSHIP 24 NORTH, RANGE 3 WEST, NMPM Section 28: W/2

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(1) EXTEND the Fulcher Kutz-Pictured Cliffs Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 11 VEST, NMPM Section 25: SW/4

(m) EXTEND the South Gallegos-Fruitland Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANCE 12 WEST, NMPM Section 2: N/2 Section 3: NE/4 Section 11: NE/4

TOWNSHIP 27 NORTH, RANGE 12 WEST, NMPM Section 35: NE/4

(n) EXTEND the Gavilan-Pictured Cliffs Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 27 NORTH, RANCE 4 WEST, NMPM Section 12: SE/4 Section 13: NE/4

(o) EXTEND the Kutz-Farmington Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 11 WEST, NMPM Section 26: S/2

(p) EXTEND the West Kutz-Pictured Cliffs Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 12 WEST, NNPM Section 10: W/2

TOWNSHIP 29 NORTH, RANGE 12 WEST, NMPH Section 33: NM/4

(q) EXTEND the West Lindrith Gallup-Dakota Oil Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 3 WEST, RMPM Section 7: S/2 Section 17: SW/4

TOWNSHIP 24 NORTH, RANGE 4 WEST, NMPM Section 7: SE/4

TOWNSHIP 25 NORTH, RANGE 4 WEST, NMPM Section 26: W/2 Section 35: NM/4

(r) EXTEND the South Los Pinos Fruitland-Pictured Cliffs Pool in San Juan County, New Mexico, to

include therein:

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TOWNSHIP 32 NORTH, RANGE 7 WEST, NMPM Section 34: SW/4 Section 35: E/2

(s) EXTEND the Lybrook-Gallup Oil Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 23 NORTH, RANGE 7 WEST, NMPM Section 6: NE/4 NE/4

(t) EXTERD the Otero-Gallup Oil Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 5 WEST, NMPM Section 1: W/2 NW/4 and SE/4 NW/4

(u) EXTEND the Salt Creek-Dakota Oil Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 30 NORTH, RANGE 17 WEST, NMPM Section 4: SE/4 NW/4 and SW/4 FE/4



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(g) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Sand Point-Atoka Gas Pool. The discovery well is Perry R. Base Big Eddy Unit Well No. 72 located in Unit R of Section J, Township 21 South, Range 28 East, NMPH. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANCE 28 EAST, NMPM Section 3: S/2

(h) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Morrow production and designated as the Young-Morrow Gas Pool. The discovery well is Harvey E. Yates Company Young Deep Unit Well No. 1 located in Unit D of Section 10, Township 18 South, Range 32 East, NMPM. Said pool would comprise:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM Section 10: W/2

(i) EXTEND the Airstrip-Wolfcamp Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANCE 34 EAST, NMPM Section 26: SE/4

...(j) EXTEND the Baldridge Canyon-Horrow Cas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 24 EAST, NMPM Section 11: All Section 12: W/2 Section 13: W/2

(k) EXTEND the Mid Bell Lake-Devonian Gas Pool in Les County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM Section 18: N/2 and SW/4

(1) EXTEND the North Benson Queen-Grayburg Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM Section 33: SW/4

(m) EXTEND the West Bitter Lake-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 10 SOUTH, RANCE 25 EAST, NMPM Section 17: SE/4 NE/4

(n) EXTEND the Boyd-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM Section 35: S/2 TOWNSHIP 19 SOUTH BANGE 25 EAST, NMPM

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM Section 2: All

(o) EXTEND the Brunson-Fusselman Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM Section 9: NW/4

(p) EXTEND the Buffalo Valley-Pennsylvanian Gas Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 28 EAST, NMPM Section 31: All

(q) EXTEND the Cato-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 7 SOUTH, RANGE 31 EAST, NMPM Section 31: SE/4

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and I want in

(r) EXTEND the Diamond Mound-Atoks Gas Pool in Eddy County, New Mexico, to include therein:

TOUSSHIP 16 SOUTH. RANGE 28 EAST, NMPM Section 6: Lots 3, 4, 5, 6, 11, 12, 13, and 14

(a) EXTEND the Diamond Hound-Horrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 28 EAST, NYPM Section 5: Lots 1, 2, 7, 8, 9, 10, 15, and 16

(t) EXTEND the East Esgle Creek Atoka-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPH Section 22: All Section 23: W/2

(u) EXTEND the Gem-Morrow Gas Pool in Les County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANCE 33 EAST, NMPH Section 32: N/2

(v) EXTEND the East Grama Ridge-Morrow Gas Pool in Lea County, New Mexico, to include therein:-

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPH Section 36: S/2

(w) EXTEND the Indian Flats-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPM Section 25: N/2 Section 26: E/2

(x) EXTEND the Indian Flats-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPM Section 23: E/2 Section 26: E/2

(y) EXTEND the Southwest Indian Flats-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM Section 9: All Section 10: W/2

(z) EXTEND the La Rica-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST; NMPM Section 2: All

(as) EXTEND the vertical limits of the Nadine-Drinkard Pool in Les County, New Mexico, to include the Abo formation and redesignate said pool as the Nadine Drinkard-Abo Pool.

(bb) EXTEND the Penasco Draw-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 24 EAST, NMPM Section 1: N/2

(cc) EXTEND the South Peterson-Pennsylvanian Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 5 SOUTH, RANGE 33 EAST, NMPM Section 30: SW/4 Section 31: NW/4 and N/2 SW/4 Page 9 of 9 Examiner Hearing - Wednesday - July 23, 1980

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(dd) EXTEND the Race Track-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 10 SOUTH, RANCE 28 EAST, NMPM Section 18: S/2 SE/4 Section 20: E/2 NW/4 and SW/4 NW/4

(cc) EXTERN the Railroad Hountain-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 8	SOUTH, RANGE 28 EAST, IMPM	
Section 2:	W/2 SW/4	
Section 3:	E/2 SE/4 and SE/4 NE/4	

(ff) EXTEND the Red Lake-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM Section 29: S/2

(gg) EXTEND the Richard Knob Atoka-Horrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 24 EAST, NMPM Section 13: All

(hh) EXTEND the Round Tank-Queen Associated Pool in Chaves County, New Hexico, to include therein:

TOWNSHIP 15 SOUTH, RANGE 29 EAST, HMPM Section 19: SW/4 SE/4

(ii) EXTEND the Sand Point-Horrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANCE 28 EAST, NMPM Section 2: Lots 11, 12, 13, 14, and SW/4

(jj) EXTERN the vertical limits of the Sioux Tansill-Yates Pool in Lea County, New Mexico, to include the Seven Rivers formation and redesignate pool as the Sicux Tansill-Yates-Seven Rivers Pool, and extend the horizontal limits of said pool to include therein:

TOWNSHIP 26 SOUTH, RANGE 36 EAST, NMPM Section 16: , SW/4

(kk) EXTEND the Tomshawk-San Andres Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 7 SOUTH, RANGE 32 EAST, NMPM Section 19: SE/4

(11) EXTEND the Tom-Tom San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 7 SOUTH, RANGE 31 EAST, NMPM Section 25: NE/4

(mm) EXTEND the North Turkey Track-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANCE 29 EAST, NMPM Section 27: N/2 Section 28: N/2 Section 33: N/2 Section 34: N/2

(nn) EXTEND the Twin Lakes-San Andres Associated Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 28 EAST, NMPM Section 24: SE/4 SW/4 Section 25: N/2 and N/2 SW/4

TOWNSHIP 8 SOUTH, RANGE 29 EAST, NMPM Section 18: S/2 SW/4 and SW/6 SE/4 Section 19: NW/4 and N/2 SW/4 Section 31: SW/4

TOWNSHIP 9 SOUTH, RANGE 28 EAST, NMPH Section 1: SE/4 NE/4, NE/4 SE/4 and S/2 S/2



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CASE NO. 6986 (d) CREATION OF A NEW GAS POOL Contd. (Page 4 of 4 pages)

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CASE NO. 6986 (y) EXTENSION OF AN EXISTING GAS POOL



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CASE NO. 6986 (cc) EXTENSION OF AN EXISTING OIL POOL

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CASE NO. 6906 (ee) EXTENSION OF AN EXISTING OIL POOL COUNTY CHAVES RAILROAD MOUNTAIN - SAN ANDRES POOL TUNSHIP **8**S RANGE 28E NMPM 6 à 10 8 9 11 -12 - 18 --17-- 16 15 14 13 Ì 20 -19 21 22 23 24ŧ 29 26. 30 28 27. 25 T 31 32 33 35 34 36 Purpose: One completed oil well capable of producing. ___Operator ___ _____ Phoenix Resources Co. Miller & Olsen 2-H 3-8-28 5-19-80 SA 2434 Pool boundary outlined in red. Proposed extension outlined in blue: Section 2: W/2 SW/4 Section 3: E/2 SE/4 and SE/4 NE/4 ì



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CASE NO. 6986 (nn) EXTENSION OF AN EXISTING ASSOCIATED POOL Page 1 of 3 pages

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CASE NO. 6936 (nn) EXTENSION OF AN EXISTING ASSOCIATED POOL Contd. Page 2 of 3 COUNTY CHAVES POOL TWIN LAKES - SAN ANDRES ASSOCIATED

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ASE HO. 6986 (nn) EXTENSION OF AN EXISTING ASSOCIATED POOL Contd. Page 3 of

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EIVED JUN 2 9 1980 ALATURE ADVERTISEMENT FOR JULY, 1980 CIL CONS PUNTION DIVISION CASE NO. 6986

In the matter of the application of the Oil Conservation Division of the Energy and Minerals Department upon its own motion for an order for the creation of new pools Chaves, Eddy, Lea, and Roosevelt Counties, New Mexico, and the extension of the vertical and horizontal limits of certain existing pool in Chaves, Eddy, 4ea, and Roosevelt Counties, New Mexico, and giving notice to all persons and parties interested in the subject-matter thereof to appear and show cause why such creations and extensions should not be made.

(a) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Bone Spring production and designated as the Forty Niner Ridge-Bone Spring Pool. The discovery well is Getty Oil Company Forty Niner Ridge Unit Well No. 2 located in Unit 6 of Section 21, Township 23 South, Range 30 East, NMPM. Said pool would comprise:

TOMNSHIP 23 SOUTH, RANGE 30 EAST, NMPM ~ Section 21: NE/4

(b) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Mississippian production and designated as the Gladiola-Mississippian Pool. The discovery well is Skeiton Oil Company Z. Taylor Well No. 2 located in Unit G of Section 7, Township 12 South, Range 38 East, NMPM. Said pool would comprise:

> TOWNSHIP 12 SOUTH, RANGE 38 EAST, NMPM V Section 7: NE/4

(c) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Strawn production and designated as the Pawnee-Strawn Gas Pool. The discovery well is Gifford, Mitchell & Wisenbaker White Eagle Well No. 1 located in Unit F of Section 22, Township 26 South, Range 36 East, NMPM. Said pool would comprise:

> TOWNSHIP 26 SOUTH, RANGE 36 EAST, NMPM / Section 22: N/2

(d) CREATE a new pool in Chaves County, New Mexico, classified as a gas pool for Abo production and designated as the Penjack-Abo Gas Pool. The discovery well is McClellan Cil Corporation Penjack Well No. 1 located in Unit D of Section 6, Township 10 South, Range 26 East, NNPM. Said pool would comprise:

TOWNSHIP 9 SOUTH, RANGE 25 EAST, NMPM </br>

Section 36: SE/4

TOWNSHIP 9 SOUTH, RANGE 26 EAST, NMPM Section 31: SW/4

TOWNSHIP 10 SOUTH, RANGE 25 EAST, NMPM Section 1: E/2 and NW/4 Section 2: NE/4

TOWNSHIP 10 SOUTH, RANGE 26 EAST, NMPM Section 6: NW/4

(e) CREATE a new pool in Roosevelt County,"New Mexico, classified as an oil pool for Pennsylvanian production and designated as the North Peterson-Pennsylvanian Pool. The discovery well is Enserch Exploration, Inc. Amoco State Well No. 1 located in Unit L of Section 16, Township 4 South, Range 33 East, NMPM. Said pool would comprise:

> TOWNSHIP 4 SOUTH, RANGE 33 EAST, NMPM ~ Section 16: SW/4

(f) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Morrow production and designated as the Red Hills-Morrow Gas Pool. The discovery well is Amoco Production Company Andrikopoulos Federal Well No. 1 located in Unit L of Section 24, Township 25 South, Range 33 East, NMPM. Said pool would comprise:

> TOWNSHIP 25 SOUTH, RANGE 33 EAST, NMPM Section 24: W/2

(g) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Sand Point-Atoka Gas Pool. The discovery well is Perry R. Bass Big Eddy Unit Wel? No. 72 located in Unit R of Section 3, Township 21 South, Range 28-East, NMPM. Said pool would comprise:

> TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPM V Section 3: \$/2

Nomenclature Advertisement for July, 1980

(h) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Morrow production and designated as the Young-Morrow Gas Pool. The discovery well is Harvey E. Yates Company Young Deep Unit Well No. 1 located in Unit D of Section 10, Township 18 South, Range 32 East, NMPM. Said pool would comprise:

> TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM V Section 10: W/2

(i) EXTEND the Airstrip-Wolfcamp Pool in Lea County, New Mexico. to include

there in :

-2-

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM V Section 26: SE/4

(j) EXTEND the Baldridge Canyon-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 24 EAST, NMPM Section 11: All Section 12: W/2 Section 13: W/2

(k) EXTEND the Mid Bell Lake-Devonian Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM \checkmark Section 18: N/2 and SW/4

(1) EXTEND the North Benson-Queen-Grayburg Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM Section 33: SW/4

(m) EXTEND the West Bitter Lake-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 10 SOUTH, RANGE 25 EAST, NMPM Section 17: SE/4 NE/4

(n) EXTEND the Boyd-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM Section 35: S/2

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM Section 2: All

(o) EXTEND the Brunson-Fusselman Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM ~ Section 9: NW/4

(p) EXTEND the Buffalo Valley-Pennsylvanian Gas Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 28 EAST, NMPM Section 31: All

(q) EXTEND the Cato-San Andres Pool in Chaves County, New Mexico, to include

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TOWNSHIP 7 SOUTH, RANGE 31 EAST, NMPM Section 31: SE/4

(r) EXTEND the Diamond Mound-Atoka Gas Pool in Eddy County, New Mexico, to include therein: TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM

Section 6: Lots, 3, 4, 5, 6, 11, 12, 13, and 14

(s) EXTEND the Diamond Mound-Morrow Gas Pool in Eddy County, New Mexico, to include

TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM Section 5: Lots 1, 2, 7, 8, 9, 10, 15 and 16 -3-

Nomenclature Advertisement for July, 1980

(t) EXTEND the East Eagle Creek-Atoka-Morrow Gas Pool in Eddy County, New Mexico,

TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM

(u) EXTEND the Gem-Morrow Gas Pool in Lea County, New Mexico, to include therein: TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM (v) EXTEND the East Grama Ridge-Morrow Gas Pool in Lea County, New Mexico, to

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM Section 36: S/2

(w) EXTEND the Indian Flats-Atoka Gas Pool in Eddy County, New Mexico, to include TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPM Section 25: N/2 Section 26: E/2

(x) EXTEND the Indian Flats-Morrow Gas Pool in Eddy County, New Mexico, to include TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPM Section 26: E/2

(y) EXTEND the Southwest Indian Flats-Morrow Gas Pool in Eddy County, New Mexico, TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM L Section 9: ATT Section 10: W/2

(z) EXTEND the La Rica-Morrow Gas Pool in Lea County, New Mexico, to include TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM Section 2: ATT

(aa) EXTEND the vertical limits of the Nadine-Drinkard Pool in Lea County, New Mexico, to include the Abo formation and redesignate said pool as the Nadine-Drinkard-Abo Pool to include the Abo formation and redesignate said pool as the Nadine-Drinkard-Abo Pool.

(bb) EXTEND the Penasco Draw-Morrow Gas Pool in Eddy County, New Mexico, to include TOWNSHIP 19 SOUTH, RANGE 24 EAST, NMPM

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(ff)

(cc) EXTEND the South Peterson-Pennsylvanian Pool in Roosevelt County, New Mexico, <u>TOWNSHIP 5 SOUTH, RANGE 33 EAST, NMPM</u> Section 30: SW/4 Section 31: NW/4 and N/2 SW/4

(dd) EXTEND the Race Track-San Andres Pool in Chaves County, New Mexico, to include TOWNSHIP 10 SOUTH, RANGE 28 EAST, NMPM Section 18: S/2 SE/4 Section 20: E/2 NW/4 and SW/4 NW/4

(ee) EXTEND the Railroad Mountain-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 28 EAST, NMPM Section 2: W/2 SW/4 Section 3: E/2 SE/4 and SE/4 NE/4

EXTEND the Red Lake-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM
Nomenclature Advertisement for July 1980

(gg) EXTEND the Richard Knob-Atoka-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 24 EAST, NMPM ~ Section 13: All

(hh) EXTEND the Round Tank-Queen Associated Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM V Section 19: SW/4 SE/4

(ii) EXTEND the Sand Point-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPM Section 2: Lots 11, 12, 13, 14, and SW/4

(jj) EXTEND the vertical limits of the Sioux-Tansill-Yates Pool in Lea County, New Mexico, to include the Seven Rivers formation and redesignate pool as the Sioux-Tansill-Yates-Seven Rivers Pool, and extend the horizontal limits of said pool to include therein:

TOWNSHIP 26 SOUTH, RANGE 36 EAST, NMPM ~ Section 16: SW/4

(kk) EXTEND the Tomahawk-San Andres Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 7 SOUTH, RANGE 32 EAST, NMPM V Section 19: SE/4

(11) EXTEND the Tom-Tom-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 7 SOUTH, RANGE 31 EAST, NMPM V Section 25: NE/4

(mm) EXTEND the North Turkey Track-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM Section 27: N/2 Section 28: N/2 Section 33: N/2 Section 34: N/2

(nn) EXTEND the Twin Lakes-San Andres Associated Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 28 EAST, NMPM Section 24: SE/4 SW/4 Section 25: N/2 and N/2 SW/4

TOWNSHIP 8 SOUTH, RANGE 29 EAST, NMPM Section 18: S/2 SW/4 and SW/4 SE/4 Section 19: NW/4 and N/2 SW/4 Section 31: SW/4

TOWNSHIP 9 SOUTH, RANGE 28 EAST, NMPM Section 1: SE/4 NE/4, NE/4 SE/4 and S/2 S/2

NOMENCLATURE ADVERTISEMENT FOR JULY, 1980 CASE NO. 6986

In the matter of the application of the Oil Conservation Division of the Energy and Minerals Department upon its own motion for an order for the creation of new pools Chaves, Eddy, Lea, and Roosevelt Counties, New Mexico, and the extension of the vertical and horizontal limits of certain existing pool in Chaves, Eddy, Lea, and Roosevelt Counties, New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such creations and extensions should not be made.

(a) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Bone Spring production and designated as the Forty Niner Ridge-Bone Spring Pool. The discovery well is Getty Oil Company Forty Niner Ridge Unit Well No. 2 located in Unit G of Section 21, Township 23 South, Range 30 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 30 EAST, NMPM Section 21: NE/4

(b) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Mississippian production and designated as the Gladiola-Mississippian Pool. The discovery well is Skelton Oil Company Z. Taylor Well No. 2 located in Unit G of Section 7, Township 12 South, Range 38 East, NMPM. Said pool would comprise:

> TOWNSHIP 12 SOUTH, RANGE 38 EAST, NMPM Section 7: NE/4

(c) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Strawn production and designated as the Pawnee-Strawn Gas Pool. The discovery well is Gifford, Mitchell & Wisenbaker White Eagle Well No. 1 located in Unit F of Section 22, Township 26 South, Range 36 East, NMPM. Said pool would comprise:

> TOWNSHIP 26 SOUTH, RANGE 36 EAST, NMPM Section 22: N/2

(d) CREATE a new pool in Chaves County, New Mexico, classified as a gas pool for Abo production and designated as the Penjack-Abo Gas Pool. The discovery well is McCleilan Oll Corporation Penjack Well No. 1 located in Unit D of Section 6, Township 10 South, Range 26 East, NMPM. Said pool would comprise:

> TOWNSHIP 9 SOUTH, RANGE 25 EAST, NMPM Section 36: SE/4

> TOWNSHIP 9 SOUTH, RANGE 26 EAST, NMPM Section 31: SW/4

TOWNSHIP 10 SOUTH, RANGE 25 EAST, NMPM Section 1: E/2 and NW/4 Section 2: NE/4

TOWNSHIP 10 SOUTH, RANGE 26 EAST, NMPM Section 6: NW/4

(e) CREATE a new pool in Roosevelt County, New Mexico, classified as an oil pool for Pennsylvanian production and designated as the North Peterson-Pennsylvanian Pool. The discovery well is Enserch Exploration, Inc. Amoco State Well No. 1 located in Unit L of Section 16, Township 4 South, Range 33 E

> TOWNSHIP 4 SOUTH, RANGE 33 EAST, NMPM Section 16: SW/4

(f) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Morrow production and designated as the Red Hills-Morrow Gas Pool. The discovery well is Amoco Production Company Andrikopoulos Federal Well No. 1 located in Unit L of Section 24, Township 25 South, Range 33 East, NMPM. Said pool would comprise:

TOWNSHIP 25 SOUTH, RANGE 33 EAST, NMPM Section 24: W/2

(g) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Sand Point-Atoka Gas Pool. The discovery well is Perry R. Bass Big Eddy Unit Well No. 72 located in Unit R of Section 3, Township 21 South, Range 28 East, NMPM. Said pool would comprise:

Nomenclature Advertisement for July, 1980

-2-

(h) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Morrow production and designated as the Young-Morrow Gas Pool. The discovery well is Harvey E. Yates Company Young Deep Unit Well No. 1 located in Unit D of Section 10, Township 18 South, Range 32 East, NMPM. Said pool would comprise:

> TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM Section TO: W/2

(i) EXTEND the Airstrip-Wolfcamp Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM Section 26: SE/4

(j) EXTEND the Baldridge Canyon-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 24 EAST, NMPM Section 11: All Section 12: W/2 Section 13: W/2

(k) EXTEND the Mid Bell Lake-Devonian Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM Section 18: N/2 and SW/4

(1) EXTEND the North Benson-Queen-Grayburg Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM Section 33: SW/4

(m) EXTEND the West Bitter Lake-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 10 SOUTH, RANGE 25 EAST, NMPM Section 17: SE/4 NE/4

(n) EXTEND the Boyd-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM Section 35: S/2

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM Section 2: All

(o) EXTEND the Brunson-Fusselman Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM Section 9: NW/4

(p) EXTEND the Buffalo Valley-Pennsylvanian Gas Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 28 EAST, NMPM Section 31: All

(q) EXTEND the Cato-San Andres Port in Chaves County, New Mexico, to include therein: TOWNSHIP 7 SOUTH, RANGE 31 EAST, NMPM

Section 31: SE/4

(r) EXTEND the Diamond Mound-Atoka Gas Pool in Eddy County, New Mexico, to include therein: <u>TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM</u> Section 6: Lots, 3, 4, 5, 6, 11, 12, 13, and 14

(s) EXTE ID the Diamond Mound-Morrow Gas Pool in Eddy County, New Mexico, to include therein: TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM

Section 5: Lots 1, 2, 7, 8, 9, 10, 15 and 16

Nomenclature Advertisement for July, 1980

-3.

(t) EXTEND the East Eagle Creek-Atoka-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM Section 22: All Section 23: W/2

(u) EXTEND the Gem-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM Section 32: N/2

(v) EXTEND the East Grama Ridge-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM Section 36: S/2

(w) EXTEND the Indian Flats-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPM Section 25: N/2 Section 26: E/2

(x) EXTEND the Indian Flats-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPM Section 23: E/2 Section 26: E/2

(y) EXTEND the Southwest Indian Flats-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM Section 9: All Section 10: W/2

(z) EXTEND the La Rica-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM Section 2: All

(aa) EXTEND the vertical limits of the Nadine-Drinkard Pool in Lea County, New Mexico, to include the Abo formation and redesignate said pool as the Nadine-Drinkard-Abo Pool.

(bb) EXTEND the Penasco Draw-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 24 EAST, NMPM Section 1: N/2

(cc) EXTEND the South Peterson-Pennsylvanian Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 5 SOUTH, RANGE 33 EAST, NMPM Section 30: SW/4 Section 31: NW/4 and N/2 SW/4

(dd) EXTEND the Race Track-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 10 SOUTH, RANGE 28 EAST, NMPM Section 18: S/2 SE/4 Section 20: E/2 NW/4 and SW/4 NW/4

(ee) EXTEND the Railroad Mountain-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 28 EAST, NMPM Section 2: W/2 SW/4 Section 3: E/2 SE/4 and SE/4 NE/4

(ff) EXTEND the Red Lake-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM Section 29: S/2 Nomenclature Advertisement for July 1980

-1-

(gg) EXTEND the Richard Knob-Atoka-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 24 EAST, HMPM Section 13: All

(hh) EXTEND the Round Tank-Queen Associated Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM Section 19: SW/4 SE/4

(ii) EXTEND the Sand Point-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPM Section 2: Lots 11, 12, 13, 14, and SW/4

(jj) EXTEND the vertical limits of the Sioux-Tansill-Yates Pool in Lea County, New Mexico, to include the Seven Rivers formation and redesignate pool as the Sioux-Tansill-Yates-Seven Rivers Pool, and extend the horizontal limits of said pool to include therein:

> TOWNSHIP 26 SOUTH, RANGE 36 EAST, NMPM Section 16: SW/4

(kk) EXTEND the Tomahawk-San Andres Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 7 SOUTH, RANGE 32 EAST, NMPM Section 19: SE/4

(11) EXTEND the Tom-Tom-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 7 SOUTH, RANGE 31 EAST, NMPM Section 25: NE/4

(mm) EXTEND the North Turkey Track-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM Section 27: N/2 Section 28: N/2 Section 33: N/2 Section 34: N/2

(nn) EXTEND the Twin Lakes-San Andres Associated Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 28 EAST, NMPM Section 24: SE/4 SW/4 Section 25: N/2 and N/2 SW/4

TOWNSHIP 8 SOUTH, RANGE 29 EAST, NMPM Section 18: S/2 SW/4 and SW/4 SE/4 Section 19: NW/4 and N/2 SW/4 Section 31: SW/4

TOWNSHIP 9 SOUTH, RANGE 28 EAST, NMPM Section 1: SE/4 NE/4, NE/4 SE/4 and S/2 S/2

OIL CONSERVATION DIVISION

ARTESIA, NEW MEXICO

DISTRICT IT

Nomenclature Advertisement for July, 1980

(a) Create a new pool in Eddy County, New Mexico, classified as an oil pool for Bone Spring production and designated as the Forty Niner Ridge-Bone Spring Pool. The discovery well is Getty Oil Company Forty Niner Ridge Unit #2 located in Unit G of Section 21, Township 23 South, Range 30 East, NMPM. Said pool would comprise:

Township 23 South, Range 30 East NMPM. Section 21: NE/4

**

(b) Create a new pool in Chaves County, New Mexico, classified as a gas pool for Abo production and designated as the Penjack-Abo Gas Pool. The discovery well is McClellan Oil Corporation Penjack #1 located in Unit D of Section 6, Township 10 South, Range 26 East, NMPM. Said pool would comprise:

Township 9 South, Range 25 East, NMPM. Section 36: SE/4

Township 9 South, Range 26 East, NMPM. Section 31: SW/4

Township 10 South, Range 25 East, NMPM. Section 1: E/2 & NW/4 Section 2: NE/4

Township 10 South, Range 26 East, NMPM Section 6: NW/4

(c) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Sand Point-Atoka Gas Pool. The discovery well is Perry R. Bass Big Eddy Unit #72 located in Unit R of Section 3, Township 21 South, Range 28 East, NMPM. Said pool would comprise:

> Township 21 South, Range 28 East, NMPM. Section 3: S/2

(d) Extend the Baldridge Canyon-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

Township 24 South, Range 24 East, NMPM. Section 11: All Section 12: W/2 Section 13: W/2

(e) Extend the North Benson-Queen-Grayburg Pool in Eddy County, New Mexico, to include therein: Township 18 South, Range 30 East, NMPM. Section 33: SW/4

(f) Extend the West Bitter Lake-San Andres Pool in Chaves County, New Mexico, to include therein: Township 10 South, Range 25 East, NMPM.

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Section 17: SE/4 NE/4

Extend the Boyd-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

Township 18 South, Range 25 East, NMPM. Section 35: S/2

Township 19 South, Range 25 East, NMPM. Section 2: All

(g)

	Dec Bool in Chaves County, New Mexico, to	
_(h)	Extend the Buffalo Valley-Penn. Gas Pool in Chaves County, New Mexico, to	
C. Starter	include therein: Township 14 South, Range 28 East, NMPM.	
	Section 31: All	
	Section Si, min	a 9
(1)	Extend the Diamond Mound-Atoka Gas Pool in Eddy County, New Mexico, to in-	
	and the should be a second second second second second second second second second second second second second	
	meringhing 16 South, Kange 20 Lase, Mining	
	Section 6: Lots 3, 4, 5, 0, 11, 12, 15 and 2	
	Extend the Diamond Mound-Morrow Gas Pool in Eddy County, New Mexico, to	
(t)	Extend the Diamond Mound-Morrow Gas 1001 11 214	1 1
/	include therein: Township 16 South, Range 28 East, NMPM.	
	Section 5: Lots 1, 2, 7, 8, 9, 10, 15 and 16	
	Section J. Lock 1, -, , ,	
-(1.)	Extend the East Eagle Creek-Atoka-Morrow Gas Pool in Eddy County, New Mexico,	
(k)	to include therein:	· · · ·
	Township 17 South, Range 25 East, NMPM.	
	Section 22: All	1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1
	Section 23: W/2	
	Extend the Indian Flats-Atoka Gas Pool in Eddy County, New Mexico, to include	
(1)	Extend the Indian Flats-Aloka Gas 1001 211 212	
la New York	therein: Township 21 South, Range 28 East, NMPM.	
	Section 25: N/2	
	Section 26: E/2	
	Disciplination New Mexico, to include	
(m)	Extend the Indian Flats-Morrow Gas Pool in Eddy County, New Mexico, to include	
Contra Marca		
	Township 21 South, Range 28 East, NMPM.	
a 	Section 23: E/2 Section 26: E/2	
	Section 20: 5/2	
	Extend the Southwest Indian Flats-Morrow Gas Pool in Eddy County, New Mexico,	
	Township 22 South, Range 26 East, Minn	
	Section 9: All	
	Section 10: W/2	
· · · · ·	Extend the Penasco Draw-Morrow Gas Pool in Eddy County, New Mexico, to include	
(0)	Extend the Penasco Draw-Horrow CL	
	therein: Township 19 South, Range 24 East, NMPM.	
	Section 1: N/2	
	County New Mexico, to include	
'/(p)	Extend the Race Track-San Andres Pool in Chaves County, New Mexico, to include	
\F/		
	Township 10 South, Range 28 East, NMPM.	
	Section 18: S/2 SE/4	
	Section 20: E/2 NW/4 and SW/4 NW/4.	
· · · · ·	Extend the Railroad Mountain-San Andres Pool in Chaves County, New Mexico, to	
(q)		
	Township 8 South, Range 28 East, NMPM.	
	exaction 2: $W/2$ SW/4	
	Section 3: E/2 SE/4 and SE/4 NE/4	
	Extend the Red Lake-Penn. Gas Pool in Eddy County, New Mexico, to include	
(r)		
	therein: Township 18 South, Range 27 East, NMPM.	
	Section 29: S/2	
	nate County New Mexico. to	
(s) Extend the Richard Knob-Atoka-Morrow Gas Pool in Eddy County, New Mexico, to	
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	Township 18 South, kange 24 Last, include	
	Section 13: All	
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Extend the Round Tank-Queen Associated Pool in Chaves County, New Mexico, to **∕(t)** include therein: Township 15 South, Range 29 East, NMPM. Section 19: SW/4 SE/4 (u) Extend the Sand Point-Morrow Gas Pool in Eddy County, New Mexico, to include therein: Township 21 South, Range 28 East, NAPM. Section 2: Lots 11, 12, 13, 14 and SW/4 (v) Extend the North Turkey Track-Morrow Gas Pool in Eddy County, New Mexico, to include therein: Township 18 South, Range 29 East, NMPM. Section 27: N/2 Section 28: N/2 Section 33: N/2 Section 34: N/2 /(w) Extend the Twin Lakes-San Andres Associated Pool in Chaves County, New Mexico, to include therein: Township 8 South, Range 28 East, NMPM. Section 24: SE/4 SW/4 Section 25: N/2 and N/2 SW/4 Township 8 South, Range 29 East, NMPM. Section 18: S/2 SW/4 & SW/4 SE/4 Section 19: NW/4 & N/2 SW/4 Section 31: SW/4

Township 9 South, Range 28 East, NMPM. Section 1: SE/4 NE/4, NE/4 SE/4 & S/2 S/2

June 17, 1980

mile Holland

Xc: Carl Ulvog fhith that Santa Fe OCD

John Runyan Hobbs OCD STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

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

CASE NO. 6986 ORDER NO. R-6920 CASE NO.

THE APPLICATION 'F THE OIL CONSERVATION DIVISION UPON ITS OWN MOTION FOR AN ORDER CREATING AND EXTENDING VERTICAL AND HORIZONTAL LIMITS OF CERTAIN POOLS IN CHAVES, EDDY, LEA, AND ROOSEVELT COUNTIES, NEW MEXICO

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9:00 a.m. on July 23, 1980, at Santa Fe, New Mexico, before Examiner R. L. Stamets.

NOW, on this ______ day of July, 1980, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Bone Spring formation, said pool to bear the designation of Forty Niner Ridge-Bone Spring Pool. Said Forty Niner Bone Spring Pool was discovered by the Getty Oil Company Forty Niner Ridge Unit Well No. 2 located in Unit G of Section 21, Township 23 South, Range 30 East, NMPM. It was completed in the Bone Spring formation on October 19, 1977. The top of the perforations is at 7514 feet.

(3) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Mississippian formation, said pool to bear the designation of Gladiola-Mississippian Pool. Said Gladiola-Mississippian Pool was discovered by the Skelton Oil Company Z. Taylor Well No. 2 located in Unit G of Section 7, Township 12 South, Range 38 East, NMPM. It was completed in the Mississippian formation on May 25, 1980. The top of the perforations is at 11,405 feet.

(4) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Strawn formation, said pool to bear the designation of Pawnee-Strawn Gas Pool. Said Pawnee-Strawn Gas Pool was discovered by the Gifford, Mitchell & Wisenbaker White Eagle Well No. 1 located in Unit F of Section 22, Township 26 South, Range 36 East, NMPM. It was completed in the Strawn formation on April 18, 1980. The top of the perforations is at 12,505 feet.

(5) That there is need for the creation of a new pool in Chaves County, New Mexico, for the production of gas from the Abo formation, said pool to bear the designation of Penjack-Abo Gas Pool. Said Penjack-Abo Gas Pool was discovered by the McClellan Oil Corporation Penjack Well No. 1 located in Unit D of Section 6, Township 10 South, Range 26 East, NMPM. It was completed in the Abo formation on Feburary 3, 1979. The top of the perforations is at 4312 feet.

(6) That there is need for the creation of a new pool in Roosevelt County, New Mexico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation of North Peterson-Pennsylvanian Pool. Said North Peterson-Pennsylvanian Pool was discovered by the Enserch Exploration, Inc. Amoco State Well No. 1 located in Unit L of Section 16, Township 4 South, Range 33 East, NMPM. It was completed in the Pennsylvanian formation on June 4, 1980. The top of the perforations is at 7826 feet.

CASE NO. <u>6986</u> ORDER NO._____

(7) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Red Hills-Morrow Gas Pool. Said Red Hills-Morrow Gas Pool was discovered by the Amoco Production Company Andrikopoulos Federal Well No. 1 located in Unit L of Section 24, Township 25 South, Range 33 East, NMPM. It was completed in the Morrow formation on April 14, 1980. The top of the perforations is at 14,986 feet.

(8) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of Sand Point-Atoka Gas Pool. Said Sand Point-Atoka Gas Pool was discovered by the Perry R. Bass Big Eddy Unit Well No. 72 located in Unit R of Section 3, Township 21 South, Range 28 East, NMPM. It was completed in the Atoka formation on May 28, 1980. The top of the perforations is at 11,265 feet.

(9) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Young-Morrow Gas Pool. Said Young-Morrow Gas Pool was discovered by the Harvey E. Yates Company Young Deep Unit Well No. 1 located in Unit D of Section 10, Township 18 South, Range 32 East, NMPM. It was completed in the Morrow formation on April 18, 1980. The top of the perforations is at 12,835 feet.

(10) That there is need for the extension of the vertical limits of the Nadine-Drinkard Pool in Lea County, New Mexico, to include the Abo formation and the redesignation of said pool as the Nadine-Drinkard-Abo Pool.

(11) That there is need for the extension of the vertical limits of the Sioux-Tansill-Yates Pool, in Lea County, New Mexico, to include the Seven Rivers formation and the redesignation of said pool as the Sioux-Tansill-Yates-Seven Rivers Pool and the extension of the horizontal limits of said pool.

(11) That there is need for certain extensions to the West Bitter Lake-San Andres Pool, the Buffalo Valley-Pennsylvanian Gas Pool, the Cato-San Andres Pool, the Race Track-San Andres Pool, the Railroad Mountain-San Andres Pool, the Round Tank-Queen Associated Pool, the Tom-Tom-San Andres Pool, and the Twin Lakes-San Andres Associated Pool, all in Chaves County, New Mexico, and the Baldridge Canyon-Morrow Gas Pool, the North Benson-Queen-Grayburg Pool, the Boyd-Morrow Gas Pool, the Diamond Mound-Atoka Gas Pool, the Diamond Mound-Morrow Gas Pool, the East Eagle Creek-Atoka-Morrow Gas Pool, the Indian Flats-Atoka Gas Pool, Indian Flats-Morrow Gas Pool, the Southwest Indian Flats-Morrow Gas Pool the Penasco-Draw-Morrow Gas Pool, the Red Lake-Pennsylvanian Gas Pool, the Richard Knob-Atoka-Morrow Gas Pool, the Sand Point-Morrow Gas Pool, and the North Turkey Track-Morrow Gas Pool, all in Eddy County, New Mexico, and the Airstrip-Wolfcamp Pool, and the Mid Bell Lake-Devonian Gas Pool, the Brunson-Fusselman Pool, the Gem-Morrow Gas Pool, the East Grama Ridge-Morrow Gas Pool, and La Rica-Morrow Gas Pool, all in Lea County, New Mexico, and the South Peterson-Pennsylvanian Pool and the Tomahawk-San Andres Pool both in Roosevelt County, New Mexico.

IT IS THEREFORE ORDERED:

(a) That a new pool in Eddy County, New Mexico, classified as an oil pool for Bone Spring production is hereby created and designated as the Forty Niner Ridge-Bone Spring Pool, consisting of the following described area:

JR TOWNSHIP 23 SOUTH, RANGE 30 EAST, NMPM Section 21: NE/4

(b) That a new pool in Lea County, New Mexico, classified as an oil pool for Mississippian production is hereby created and designated as the Gladiola-Mississippian Pool, consisting of the following describéd area:

JC <u>TOWNSHIP 12 SOUTH, RANGE 38 EAST, NMPM</u> Section 7: NE/4

(c) That a new pool in Lea County, New Mexico, classified as a gas pool for Strawn production is hereby created and designated as the Pawnee-Strawn Gas Pool, consisting of the following described area:

> TOWNSHIP 26 SOUTH, RANGE 36 EAST, NMPM Section 22: N/2

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(d) That a new pool in Chaves County, New Mexico, classified as a gas pool for Abo production is hereby created and designated as the Penjack-Abo Gas Pool, consisting of the following described area:

	TOWNSHIP 9 SOUTH, RANGE 25 EAST, NMPM
	Section 36: SE/4
	<u>IOWNSHIP 9 SOUTH, RANGE 26 EAST, NMPM</u> Section 31: SW/4
	Section 31: SW/4
IK	TOWNSHIP 10 SOUTH, RANGE 25 EAST, NMPM
, V	-Section 1: E/2 and NW/4
	Section 2: NE/4
	FOWNSHIP 10 SOUTH, RANGE 26 EAST, NMPM
	Section 6: NW/4

(e) That a new pool in Roosevelt County, New Mexico, classified as an oil pool for Pennsylvanian production is hereby created and designated as the North Peterson-Pennsylvanian Pool, consisting of the following described area:

(f) That a new pool in Lea County, New Mexico, classified as a gas pool for Morrow production is hereby created and designated as the Red Hills-Morrow Gas Pool, consisting of the following described area:

(g) That a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production is hereby created and designated as the Sand Point-Atoka Gas Pool, consisting of the following described area:

> TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPM Section 3: S/2

(h) That a new pool in Lea County, New Mexico, classified as a gas pool for Morrow production is hereby created and designated as the Young-Morrow Gas Pool, consisting of the following described area:

> TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM Section 10: W/2

(i) That the Airstrip-Wolfcamp Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

(j) That the Baldridge Canyon-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

	TOWNSHIP 24 SOUTH,	RANGE 24 EAST,	NMPM
Þ	Section 11: All		
	Section 12: W/2		
	Section 13: W/2		

V

(k) That the Mid Bell Lake-Devonian Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

(1) That the North Benson Queen-Grayburg Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM Section 33: SW/4

(m) That the West Bitter Lake-San Andres Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

CASE NO. <u>6986</u> ORDER NO.

(n) That the Boyd-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

(o) That the Brunson-Fusselman Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

(p) That the Buffalo Valley-Pennsylvanian Gas Pool in Chaves County, New Mexico, as heretofore, classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 14 SOUTH, RANGE 28 EAST, NMPM Section 31: All

 (\bar{q}) That the Cato-San Andres Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

(r) That the Diamond Mound-Atoka Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

(s) That the Diamond Mound-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

Addition ----

6.13

(t) That the East Eagle Creek Atoka-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM Section 22: All Section 23: W/2

(u) That the Gem-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

(v) That the East Grama Ridge-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

(w) That the Indian Flats-Atoka Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

1/2	 TOWN	SHIP	21 9	OUTI	I, R	ANGE	28 E	AST,	NMPM
JIC	Sect								
	 Sect	ion 2	26:	E/2					

(x) That the Indian Flats-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPM Section 23: E/2

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Addition

(y) That the Southwest Indian Flats-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM Section 9: All Section 10: W/2

(z) That the La Rica-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

MC TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM Section 2: All

(aa) That the vertical limits of the Nadine-Drinkard Pool in Lea County, New Mexico, are hereby extended to include the Abo formation and said pool redesignated the Nadine-Drinkard-Abo Pool.

(b5) That the Penasco Draw-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 19 SOUTH, RANGE 24 EAST, NMPM Section 1: N/2

(cc) That the South Peterson-Pennsylvanian Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 5 SOUTH, RANGE 33 EAST, NMPMSection 30:SW/4Section 31:NW/4 and N/2 SW/4

(dd) That the Race Track-San Andres Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 10 SOUTH, RANGE 28 EAST, NMPM Section 18: S/2 SE/4 Section 20: E/2 NW/4 and SW/4 NW/4

(ee) That the Railroad Mountain-San Andres Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 28 EAST, NMPM Section 2: W/2 SW/4 Section 3: E/2 SE/4 and SE/4 NE/4

(ff) That the Red Lake-Pennsylvanian Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM Section 29: S/2

(gg) That the Richard Knob Atoka-Morrow Gas Pool in Eddy County, New Mexico, as-heretofore classified, defined, and described, is hereby extended to include therein:

JOWNSHIP'18 SOUTH, RANGE 24 EAST, NMPM Section 13: All

(hh) That the Round Tank-Queen Associated Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

R TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM Section 19: SW/4 SE/4

(ii) That the Sand Point-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPM Section 2: Lots 11, 12, 13, 14, and SW/4

(jj) That the vertical limits of the Sioux Tansill-Yates Pool in Lea County, New Mexico, are hereby extended to include the Seven Rivers formation and said pool redesignated the Sioux Tansill-Yates-Seven Rivers Pool. Further, said pool

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is hereby extended to include therein:

TOWNSHIP 26 SOUTH, RANGE 36 EAST, NMPM Section 16: SW/4 1/K A

(kk) That the Tomanawk-San Andres Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

(11) That the Tom-Tom-San Andres Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

(mm) That the North Turkey Track-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM Section 1: S/2

(nn) That the Twin Lakes-San Andres Associated Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

۱ ۵	TOWNSHIP & SOUTH, RANGE 28 FAST, NMPM
H	Section 24: SE/4 SW/4 Section 25: N/2 and N/2 SW/4
	TOWNSHIP 8 SOUTH, RANGE 29 EAST, NMPM
	$\frac{1}{100}$ S/2 SW/4 and SW/4 $\frac{1}{100}$
IR "	Section 19: NW/4 and N/2 SW/4
11	Section 31: SW/4
0/	-TOWNSHIP 9 SOUTH, RANGE 28 EAST, NMPM

Section 1: SE/4 NE/4, NE/4 SE/4 and S/2 S/2

IT IS FURTHER ORDERED:

(1) That pursuant to Section 70-2-18, NMSA 1978, contained in Chapter 271, Laws of 1969, any well which, by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger than the one which is presently dedicated thereto, shall have 60 days from the effective date of this order in which to file new Forms C-102 dedicating a standard unit for the pool to said well, or to obtain a non-standard unit approved by the Division. pending such compliance, the well shall receive a maximum allowable in the same proportion to a standard allowable for the pool that the acreage dedicated to the well bears to a standard unit for the pool. Failure to file Form C-102 to the well bears to a standard unit for the pool. Failure to file Form C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Division within said 60-day period shall subject the well to cancellation of allowable.

(2) That the effective date of this order and all creations, and extensions of vertical and horizontal limits included herein shall be August 1, 1980.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

JOE D. RAMEY Director

CASE 6986:

In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating and extending vertical and horizontal limits of certain pools in Chaves, Eddy, Lea, and

(a) CREATE a new pool in Eddy County, New Mexico; classified as an oil pool for Bone Spring produc-tion and designated as the Forty Niner Ridge-Bone Spring Pool. The discovery well is Getty Oil Company Forty Niner Ridge Unit Well No. 2 located in Unit G of Section 21, Township 23 South, Range

TOWNSHIP 23 SOUTH, RANGE 30 EAST, NMPM Section 21: NE/4

(b) CREATE is new pool in Lea County, New Mexico, classified as an oil pool for Mississippian pro-duction and designated as the Gladiola-Mississippian Pool. The discovery well is Skelton Oil Company Z. Taylor Well No. 2 located in Unit G of Section 7, Township 12 South, Range 38 East, NMPH. Said

TOWNSHIP 12 SOUTH, RANGE 38 EAST, MIPH Section 7: NE/4

(c) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Strawn production and designated as the Pawnee-Strawn Gas Pool. The discovery well is Gifford, Mitchell & Wisenbaker White Eagle Well No. 1 located in Unit F of Section 22, Township 26 South, Range 36 East, NMPM.

TOWNSHIP 26 SOUTH, RANGE 36 EAST, MMPM Section 22: N/2

(d) CREATE a new pool in Chaves County, New Mexico, classified as a gas pool for Abo production and designated as the Penjack-Abo Gas Pool. The discovery well is McClellan Oil Corporation Fenjack Well No. 1 located in Unit D of Section 6, Township 10 South, Range 26 East, NNPM. Said pool would

TOWNSHIP 9 SOUTH, RANGE 25 EAST, NMPM Section 36: SE/4

TOWNSHIP 9 SOUTH, RANCE 26 EAST, NM7M Section 31: SW/4

COWNSHIP 10 SOUTH, RANGE 25 EAST, NMPM Section 1: E/2 and NW/4 Section 2: NE/4

TOWNSHIP 10 SOUTH, RANGE 26 FAST, MAPH Section 6: NH/4

(e) CREATE a new pool in Roosevelt County, New Mexico, classified as an oil pool for Pennsylvanian production and designated as the North Peterson-Pennsylvanian Pool. The discovery well is Enserch Exploration, Inc. Amoco State Well No. 1 located in Unit L of Section 16, Township 4 South, Range 33 East, NMPM. Said pool would comprise:

TOWNSHIP 4 SOUTH, RANGE 33 EAST, NNPM Section 16: SH/4

(f) CREATE a new pool in Léa County, New Mexico, classified as a gas pool for Morrow production and designated as the Red Hills-Morrow Gas Pool? The discovery well is Amoco Production Company Andrikopoulos Federal Well No. 1 located in Unit L of Section 24, Township 25 South, Range 33 East,

TOWNSHIP 25 SOUTH, RANCE 33 FAST, NHPH Section 24: W/2

(g) CREATE in new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Sand Point-Atoka Gas Pool. The discovery well is Perry R. Bass Big Eddy Unit Well No. 72 located in Unit R of Section 3, Township 21 South, Range 28 East, NNPM. Said pool

TOWNSHIP 21 SOUTH, RANGE 28 EAST, MMPM Section 3: 3/2

(h) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Morrow production and designated as the Young-Morrow Gas Pool. The discovery well is Harvey E. Yates Company Young Deep Unit Well No. 1 located in Unit D of Section 10, Township 18 South, Range 32 East, NMPN. Said

TOWNSHIP 18 SOUTH, RANCE 32 EAST, MMPH Section 10: W/2

(i) EXTEND the Airstrip-Wolfcamp Pool in Les County, New Mexico, to include therein:

terres in the second second

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM Section 26: SE/4

(j) EXTEND the Baldridge Canyon-Morrow Cas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP	24 SOUTH,	RANGE 24	FAST	MADA
	LL: AII			oara
Section 1	2: W/2			
Section 1	3. 11/0			70 G.S. (1

 $= \{\{g_i\}_{i \in I}, \dots, g_i\} \in \{g_i\},$

(k) EXTEND the Hid Bell Lake-Devonian Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, IMPH Section 18: N/2 and SW/4

(1) EXTEND the North Benson Queen-Grayburg Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, MMPM Section 33: SW/4

(m) EXTEND the West Bitter Lake-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 10 SOUTH, RANGE 25 EAST, NMPM Section 17: SE/4 NE/4

(n) EXTEND the Boyd-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM Section 35: S/2

TOWNSHIP 19 SOUTH, RANCE 25 EAST, NMPM Section 2: ALL

(o) EXTEND the Brunson-Fusselman Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPH Section 9: NW/4

(p) EXTEND the Buffalo Valley-Pennsylvanian Gas Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 28 EAST, IMPM Section 31: All

(a) FYTEND the Cato-San Anares Fool in Chaves County, New Mexico, to include therein:

TOWNSHIP 7 SOUTH, RANGE 31 EAST, NHPM Section 31: SE/4

(r) EXTEND the Dismond Hound-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPH Section 6: Loss 3, 4, 5, 6, 11, 12, Lots 3, 4, 13, and 14

(s) EXTEND the Diamond Mound-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RAIKE 28 EAST, NIPH Section 5: Lots 1, 2, 7, 8, 9, 10, 15, and 16 (t) EXTEND the East Eagle Creek Atoka-Morrow Gas Pool in Eddy County, New Mexico, to include

Addition

therein:

TOWNSHIP 17 SOUTH, RANCE 25 EAST, NMPM Section 22: A11 Section 23; W/2

(u) EXTEND the Gem-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NIPH Section 32: N/2

(v) EXTEND the East Grama Ridge-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM Section 36: S/2

(w) EXTEND the Indian Flats-Aloka Gas Fool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPM Section 25: N/2 Section 26: E/2

(x) EXTEND the Indian Flats-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPM Section 23: E/2 Section 26: E/2

(y) EXTEND the Southwest Indian Flats-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

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TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM Section 9: All Section 10: W/2

(z) EXTEND the La Rica-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM Section 2: A11

(ea) EXTEND the vertical limits of the Nadine-Drinkard Pool in Les County, New Mexico, to include the Abo formation and redesignate said pool as the Nadine Drinkard-Abo Pool.

(bb) EXTEND the Penasco Draw-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 24 EAST, NMPM Section 1: N/2

(cc) EXTEND the South Peterson-Pennsylvanian Pool in Roosevelt County, New Mexico, to include

TOWNSHIP 5 SOUTH, RANGE 33 FAST, IMPM Section 30: SW/4

Scation 31: NW/4 and N/2 SW/4

therein

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(dd) EXTEND the Race Track-San Andres Pool in Chaves County, New Hexico, to include therein;

TOWNSHIP TO SOUTH, RANGE 28 FAST, MAPH Section 16: 5/7 SE/4 Section 20: E/2 NA/4 and SW/4 NA/4

(ce) EXTEND the Railroad Hountain-San Andres Pool in Chaves County, New Mexico, to include therein:

TORNSHIP 8 SOUTH, RANGE 28 FAST, NMPM Section 2: W/2 SW/4 Section 3: E/2 SE/4 and SE/4 NE/4

((f) EXTEND the Red Lake-Pennsylvanian Gas Pool in Eddy County, New Nexico, to include therein;

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NIPH Section 29: 5/2

(gg) EXTEND the Richard Knob Atoka-Horrow Gas Pool in Eddy County, New Mexico, to include therein:

TOKNSHIP 17 SOUTH, RANGE 25 EAST, NEPH SECTION 31: All ADDITION.

TOWNSHIP 18 SOUTH, FANGE 24 EAST, NMPM Seccion 13: All

(hh) EXTEND the Round Tank-Queen Associated Pool in Chaves County, New Merico, to include therein:

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NITH Section 19: SW/4 SE/4

(ii) EXTEND the Sand Point-Morrov Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANCE 29 EAST, MAPH Section 2: Loss 11, 12, 13, 14, 2nd SW/4

(jj) EXTERD the vertical limits of the Sioux Tansill-Yates Pool in Lea County, New Mexico, to include the Seven Rivers formation and redesignate pool as the Sioux Tansill-Yates-Seven Rivers Pool, and extend the horizontal limits of said pool to include therein:

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TOWNSHIP 26 SOUTH, RANGE 36 EAST, NHPH Section 16: SW/4

(kk) EXTEND the Tomahawk-San Andres Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 7 SOUTH, RANGE 32 EAST, MIPM Section 19: SE/4

(11) EXTEND the Tom-Tom San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 7 SOUTH, RANCE 31 EAST, NYPH Section 25: NE/4

(ms) EXTEND the North Turkey Track-Horrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANCE 28 EAST, NOPM Section 26: W/2 ADDITION ------

TOWNSHIP-18 SOUTH, RANGE 29 EAST, NMPN Section 27: N/2 Section 28: N/2 Section 33: N/2 Section 34: N/2

ADDITION ----

TOMNSHIP 19 SOUTH, RANGE 28 EAST, HAPM Section 1: 3/2

(nn) EXTEND the Twin Lakes-San Andres Associated Pool in Chaves County, New Mexico, to include therein:

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TOWNSHIP 8 SOUTH, RANGE 28 FAST, NYPH Section 24: SE/4 SW/4 Section 25: N/2 and N/2 SW/4 TOWNSHITP B SONTH, RANGE 29 FAST, MMPM Section 18: 5/2 SN/4 and SW/4 SE/4 Section 19: M/4 and N/2 SW/4 Section 31: SW/4 .

TOWNSHIP 9 SOUTH, FANGE 28 EAST, NIPH Section 1: SE/4 NE/4, NE/4 SE/4 and S/2 S/2