

CASE NO.

7446

APPLICATION,
TRANSCRIPTS,
SMALL EXHIBITS,
ETC.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
STATE LAND OFFICE BLDG.
SANTA FE, NEW MEXICO
16 December 1981

EXAMINER HEARING

IN THE MATTER OF:

The hearing called by the Oil Conservation Division on its own motion for an order creating, abolishing, contracting and extending vertical and horizontal pools in San Juan, Rio Arriba, McKinley, and Sandoval Counties, New Mexico.

CASE
7446

BEFORE: Richard L. Stamets

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the Oil Conservation
Division:

W. Perry Pearce, Esq.
Legal Counsel to the Division
State Land Office Bldg.
Santa Fe, New Mexico 87501

For the Applicant:

I N D E X

The Witness - JEFF EDMISTER

Direct Examination by Mr. Pearce

Exhibit 1 (Recommendations) marked -

1
2 HEARING OFFICER: In the matter of the
3 hearing called by the Oil Conservation Division on its own
4 motion for an order creating, abolishing, contracting and
5 extending vertical and horizontal pools in San Juan, Rio
6 Arriba, McKinley, and Sandoval Counties, New Mexico.

7 MR. PEARCE: May it please the Examiner,
8 my name is W. Perry Pearce, appearing on behalf of the New
9 Mexico Oil Conservation Division, and I have one witness that
10 needs to be sworn.

11
12 JEFF EDMISTER

13 the witness herein, after having been first duly sworn upon
14 his oath, was examined and testified as follows;

15
16 DIRECT EXAMINATION

17 BY MR. PEARCE:

18 Q For the record, sir, would you please
19 state your name, by whom you are employed, and in what posi-
20 tion?

21 A. My name is Jeff Edmister, and I work
22 for the Oil Conservation Division as a geologist and field
23 representative.

24 Q Mr. Edmister, have you testified before
25 this Examiner or in other proceedings before the Oil Conser-

1
2 vation Division previously?

3 A No, I haven't.

4 Q Would you very briefly for the record
5 summarize your education and work experience background?

6 A I received a B.S. degree in geology
7 from Ohio State University in 1975, and then I worked for
8 Dalwel Oil Service Company for three years, junior engineer
9 and service representative, and then I worked for National
10 Oil as an engineer in the sales department, and I worked
11 for Materials Technician in a testing lab, and then I ac-
12 quired a position here with the State.

13 MR. PEARCE: Mr. Examiner, are the wit-
14 ness's qualifications acceptable?

15 HEARING OFFICER: They are.

16 Q (Mr. Pearce continuing) Are you pre-
17 pared at this time to make recommendations to the Commission
18 concerning the nonclature of certain pools in San Juan, Rio
19 Arriba and Sandoval Counties, New Mexico?

20 A Yes, I am.

21 Q And are your recommendations prepared
22 in the form of an exhibit?

23 A Yes, they are, Exhibit Number 1.

24 Q Mr. Edmister, at this time, I would ask
25 you to please refer to Exhibit Number 1 and to the docket

1
2 of this hearing that has been prepared and distributed and
3 point out any substantial differences between the two.

4 A The only difference that I saw is on
5 paragraph JJ. in the advertisement, and that is for the
6 Otero-Chaco gas pool, the first one has Township 26, north
7 range five west, that should be 25 north, five west. And
8 you skip two more, and it shows Township 25, north range 6
9 west, that should be 26 north, 6 west.

10 Q That is in the first and third para-
11 graphs of the description?

12 A Right. That is the only discrepancies
13 that I saw.

14 Q Mr. Edmister, at this time, do you
15 have anything further to add to your testimony?

16 A No, I don't.

17 MR. PEARCE: Mr. Examiner, we have
18 nothing further at this time, I would move the admission of
19 Exhibit Number 1.

20 HEARING OFFICER: Exhibit 1 will be
21 admitted.

22 Are there any questions of this wit-
23 ness?

24 You may be excused, and we will take a
25 short recess, fifteen minutes.

(WHEREUPON, a 15 minute recess
was taken at 9:30 a.m.)

THIS IS A VERBATIM COPY OF MR. ALEX PADILLA'S
TRANSCRIPT SUBMITTED HEREWITH.

SWB

I do hereby certify that the foregoing is
a complete record of the proceedings in
the Examiner hearing of Case No. 7446
heard by me on 12-16 19 81.
Richard L. Hamet, Examiner
Oil Conservation Division

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. 7446
Order No. R-6886

THE APPLICATION OF THE OIL CONSERVATION
DIVISION ON ITS OWN MOTION FOR AN ORDER
CREATING, ABOLISHING, CONTRACTING, AND
EXTENDING VERTICAL AND HORIZONTAL
LIMITS OF CERTAIN POOLS IN SAN JUAN,
SANDOVAL, RIO ARriba, AND MCKINLEY
COUNTIES, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on December 16, 1981, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 22nd day of January, 1982, 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 Rio Arriba County, New Mexico, for the production of gas from the Nacimiento formation, said pool to bear the designation of Gavilan-Nacimiento Pool. Said Gavilan-Nacimiento Pool was discovered by the Kenal Oil & Gas, Incorporated Federal 31 Well No. 12 located in Unit B of Section 12, Township 24 North, Range 2 West, NMPM. It was completed in the Nacimiento formation on February 2, 1980. The top of the perforations is at 2380 feet.
- (3) That there is need for the abolishment of the South Gallegos-Pictured Cliffs Pool in San Juan County, New Mexico, in order for said pool to be consolidated with the South Gallegos-Fruitland Pool.

(4) That there is need for the extension of the vertical limits of the South Gallegos-Fruitland Pool in San Juan County, New Mexico, to include the Pictured Cliffs formation and the redesignation of said pool as the South Gallegos Fruitland-Pictured Cliffs Pool.

(5) That there is need for the contraction of the South Gallegos Fruitland-Pictured Cliffs Pool in San Juan County, New Mexico, by the deletion of certain acreage therefrom.

(6) That there is need for the contraction of the Otero-Gallup Oil Pool in Rio Arriba County, New Mexico, by the deletion of certain acreage therefrom.

(7) That there is need for the redesignation of the Beautiful Mountain-Mississippian Oil Pool in San Juan County, New Mexico, as the Beautiful Mountain-Mississippian Gas Pool.

(8) That there is need for the extension of the Aztec-Fruitland Pool, the Aztec-Pictured Cliffs Pool, the Beautiful Mountain-Mississippian Gas Pool, the Bisti-Lower Gallup Oil Pool, the Blanco-Fruitland Pool, the Bloomfield-Chacra Pool, the Che Cha-Gallup Oil Pool, the Flora Vista-Fruitland Pool, the Flora Vista-Gallup Pool, the Fulcher Kutz-Pictured Cliffs Pool, the Gallegos-Gallup Oil Pool, the South Gallegos Fruitland-Pictured Cliffs Pool, the West Kutz-Fruitland Pool, the Kutz-Gallup Oil Pool, the West Kutz-Pictured Cliffs Pool, the South Los Pinos Fruitland-Pictured Cliffs Pool, the Nageezi-Gallup Oil Pool, the Pajarito-Pennsylvanian D Oil Pool, the Pinon-Fruitland Pool, the North Pinon-Fruitland Pool, the Ute Dome-Dakota Pool, and the WAW Fruitland-Pictured Cliffs Pool, all in San Juan County, New Mexico, the BS Mesa-Gallup Pool, the Escrito-Gallup Oil Pool, the Gavilan-Pictured Cliffs Pool, the Gobernador-Pictured Cliffs Pool, the Gonzales-Mesaverde Pool, the South Lindrith Gallup-Dakota Oil Pool, the West Lindrith Gallup-Dakota Oil Pool, the Otero-Chacra Pool, the Otero-Gallup Oil Pool, and the Tapacito-Pictured Cliffs Pool, all in Rio Arriba County, New Mexico, the Ballard-Pictured Cliffs Pool, the Blanco-Pictured Cliffs Pool, the South Blanco-Pictured Cliffs Pool, and the Lybrook-Gallup Oil Pool, all in Rio Arriba, Sandoval, and San Juan Counties, New Mexico, the Blanco Mesaverde Pool in Rio Arriba and San Juan Counties, New Mexico, the Chacon-Dakota Associated Pool in Rio Arriba and Sandoval Counties, New Mexico, the Miguel Creek-Gallup Oil Pool in McKinley County, New Mexico, and the Rusty-Chacra Pool in Sandoval County, New Mexico.

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IT IS THEREFORE ORDERED:

(a) That a new pool in Rio Arriba County, New Mexico, classified as a gas pool for Nacimiento production, is hereby created and designated as the Gavilan-Nacimiento Pool, comprising the following described areas:

TOWNSHIP 24 NORTH, RANGE 1 WEST, NMPM
Section 6: SW/4

TOWNSHIP 24 NORTH, RANGE 2 WEST, NMPM
Section 1: SE/4
Section 12: N/2

(b) That the South Gallegos Pictured Cliffs Pool in San Juan County, New Mexico, consisting of the following described areas:

TOWNSHIP 27 NORTH, RANGE 12 WEST, NMPM
Section 36: All

is hereby abolished.

(c) That the vertical limits of the South Gallegos-Fruitland Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, are hereby extended to include the Pictured Cliffs formation and said pool redesignated to South Gallegos Fruitland-Pictured Cliffs Pool, and the horizontal limits of said South Gallegos Fruitland-Pictured Cliffs Pool extended to include therein:

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM
Section 2: S/2
Section 3: SE/4
Section 10: NE/4
Section 13: W/2

(d) That the South Gallegos Fruitland-Pictured Cliffs Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby contracted by the deletion of:

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM
Section 24: SE/4
Section 25: E/2

(e) That the Otero-Gallup Oil Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described,

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is hereby contracted by the deletion of:

TOWNSHIP 25 NORTH, RANGE 4 WEST, NMPM
Section 31: NW/4

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM
Section 36: W/2 SW/4

(f) That the Beautiful Mountain-Mississippian Oil Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby redesignated the Beautiful Mountain-Mississippian Gas Pool and the horizontal limits of said pool are hereby extended to include therein:

TOWNSHIP 27 NORTH, RANGE 19 WEST, NMPM
Section 32: N/2 S/2, SW/4 SW/4, and
SE/4 SE/4

(g) That the Aztec-Fruitland Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM
Section 30: SE/4
Section 31: NE/4

(h) That the Aztec-Pictured Cliffs Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM
Section 12: NE/4

TOWNSHIP 30 NORTH, RANGE 10 WEST, NMPM
Section 7: SE/4
Section 21: NW/4 and SE/4
Section 28: E/2

(i) That the BS Mesa-Gallup Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 26 NORTH, RANGE 4 WEST, NMPM
Section 1: NW/4
Section 2: All
Section 6: SW/4

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(j) That the Ballard-Pictured Cliffs Pool in Rio Arriba, Sandoval, and San Juan Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 NORTH, RANGE 5 WEST, NMPM
Section 24: NE/4

TOWNSHIP 24 NORTH, RANGE 5 WEST, NMPM
Section 15: SW/4

TOWNSHIP 25 NORTH, RANGE 6 WEST, NMPM
Section 35: S/2

TOWNSHIP 26 NORTH, RANGE 8 WEST, NMPM
Section 9: NE/4
Section 14: NW/4 and SE/4

(k) That the Bisti-Lower Gallup Oil Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 24 NORTH, RANGE 10 WEST, NMPM
Section 6: N/2 NE/4

TOWNSHIP 25 NORTH, RANGE 10 WEST, NMPM
Section 31: SE/4

(l) That the Blanco-Fruitland Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 29 NORTH, RANGE 9 WEST, NMPM
Section 3: SE/4
Section 10: NE/4

(m) That the Blanco Mesaverde Pool in Rio Arriba and San Juan Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM
Section 4: S/2
Section 5: S/2

TOWNSHIP 26 NORTH, RANGE 2 WEST, NMPM
Section 10: W/2

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM

Section 14: S/2
Section 25: All
Section 26: All
Section 35: All
Section 36: All

TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM

Section 2: S/2
Sections 7 through 16: All
Section 22: All

TOWNSHIP 26 NORTH, RANGE 7 WEST, NMPM

Section 22: N/2

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM

Section 13: W/2
Section 14: All
Section 23: N/2
Section 24: All

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM

Section 23: N/2

TOWNSHIP 30 NORTH, RANGE 4 WEST, NMPM

Section 30: W/2

TOWNSHIP 31 NORTH, RANGE 13 WEST, NMPM

Section 14: All
Section 15: E/2
Section 23: All

(n) That the Blanco-Pictured Cliffs Pool in Rio Arriba, Sandoval, and San Juan Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 28 NORTH, RANGE 7 WEST, NMPM

Section 17: NW/4
Section 18: SE/4

TOWNSHIP 29 NORTH, RANGE 8 WEST, NMPM

Section 3: W/2
Section 4: E/2
Section 9: N/2
Section 10: NW/4
Section 33: E/2
Section 34: W/2 and SE/4
Section 35: SW/4

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TOWNSHIP 30 NORTH, RANGE 9 WEST, NMPM
Section 11: SW/4

TOWNSHIP 30 NORTH, RANGE 10 WEST, NMPM
Section 6: NW/4

TOWNSHIP 31 NORTH, RANGE 9 WEST, NMPM
Section 28: SE/4

TOWNSHIP 31 NORTH, RANGE 12 WEST, NMPM
Section 12: NE/4

TOWNSHIP 32 NORTH, RANGE 11 WEST, NMPM
Section 10: E/2

(n) That the South Blanco-Pictured Cliffs Pool in Rio Arriba, Sandoval, and San Juan Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 NORTH, RANGE 1 WEST, NMPM
Section 19: SW/4
Section 30: W/2
Section 31: NW/4

TOWNSHIP 23 NORTH, RANGE 2 WEST, NMPM
Section 24: S/2

TOWNSHIP 23 NORTH, RANGE 3 WEST, NMPM
Section 2: N/2
Section 3: N/2
Section 4: NE/4

TOWNSHIP 24 NORTH, RANGE 2 WEST, NMPM
Section 14: W/2
Sections through 17: All
Section 21: N/2
Section 22: N/2

TOWNSHIP 24 NORTH, RANGE 3 WEST, NMPM
Section 3: SE/4
Section 26: S/2 and NW/4
Section 27: All
Section 28: E/2
Section 33: E/2
Sections 34 and 35: All
Section 36: SW/4

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TOWNSHIP 24 NORTH, RANGE 4 WEST, NMPM
Section 14: NW/4
Section 24: All

TOWNSHIP 27 NORTH, RANGE 5 WEST, NMPM
Section 34: NW/4

TOWNSHIP 27 NORTH, RANGE 6 WEST, NMPM
Section 8: SE/4

TOWNSHIP 28 NORTH, RANGE 6 WEST, NMPM
Section 25: SE/4
Section 36: E/2

TOWNSHIP 28 NORTH, RANGE 7 WEST, NMPM
Section 19: W/2
Section 30: NW/4

TOWNSHIP 28 NORTH, RANGE 8 WEST, NMPM
Section 11: E/2
Section 12: All
Section 13: All
Section 14: NE/4
Section 24: NE/4

(p) That the Bloomfield-Chacra Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM
Sections 15 and 16: All
Section 17: SE/4
Section 22: NW/4

TOWNSHIP 29 NORTH, RANGE 11 WEST, NMPM
Section 14: W/2
Section 15: E/2
Section 22: E/2
Section 23: W/2
Section 25: N/2
Section 26: W/2
Section 27: NE/4 and S/2
Section 34: All
Section 35: W/2 and SE/4

(q) That the Cha Cha-Gallup Oil Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 29 NORTH, RANGE 15 WEST, NMPM

Section 11: E/2
Section 12: S/2 and NW/4
Section 14: N/2

(r) That the Chacon-Dakota Associated Pool in Rio Arriba and Sandoval Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 22 NORTH, RANGE 3 WEST, NMPM

Section 1: W/2
Section 2: E/2

TOWNSHIP 23 NORTH, RANGE 3 WEST, NMPM

Section 3: NE/4
Section 11: NW/4
Section 23: SE/4
Section 35: SE/4

TOWNSHIP 24 NORTH, RANGE 3 WEST, NMPM

Section 16: SW/4
Section 17: SE/4
Section 21: All
Section 22: SW/4
Section 27: W/2 and SE/4
Section 28: E/2
Section 34: E/2

(s) That the Escrito-Gallup Oil Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 24 NORTH, RANGE 7 WEST, NMPM

Section 28: S/2 NE/4
Section 35: W/2 NW/4

(t) That the Flora Vista-Fruitland Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 30 NORTH, RANGE 12 WEST, NMPM

Section 3: W/2

TOWNSHIP 31 NORTH, RANGE 12 WEST, NMPM

Section 34: W/2

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(u) That the Flora Vista-Gallup Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 30 NORTH, RANGE 12 WEST, NMPM
Section 1: SW/4
Section 2: SE/4

(v) That the Fulcher Kutz-Pictured Cliffs Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 28 NORTH, RANGE 11 WEST, NMPM
Section 16: W/2

(w) That the Gallegos-Gallup Oil Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM
Section 23: E/2 NE/4

(x) That the Gavilan-Pictured Cliffs Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 24 NORTH, RANGE 1 WEST, NMPM
Section 6: SW/4

TOWNSHIP 25 NORTH, RANGE 2 WEST, NMPM
Section 9: NW/4

(y) That the Gobernador-Pictured Cliffs Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 30 NORTH, RANGE 5 WEST, NMPM
Section 31: SE/4

(z) That the Gonzales-Mesaverde Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM
Section 30: SE/4
Section 31: NE/4

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(aa) That the West Kutz-Fruitland Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 29 NORTH, RANGE 12 WEST, NMPM
Section 19: S/2

(bb) That the Kutz-Gallup Oil Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 27 NORTH, RANGE 11 WEST, NMPM
Section 4: NW/4 NE/4

(cc) That the West Kutz-Pictured Cliffs Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 27 NORTH, RANGE 11 WEST, NMPM
Section 12: NE/4

TOWNSHIP 27 NORTH, RANGE 12 WEST, NMPM
Section 9: W/2
Section 16: NW/4

TOWNSHIP 29 NORTH, RANGE 12 WEST, NMPM
Section 20: SE/4

TOWNSHIP 29 NORTH, RANGE 13 WEST, NMPM
Section 18: SW/4
Section 19: N/2

TOWNSHIP 29 NORTH, RANGE 14 WEST, NMPM
Section 13: All
Section 24: N/2

(dd) That the South Lindrith Gallup-Dakota Oil Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 24 NORTH, RANGE 4 WEST, NMPM
Section 27: N/2 S/2

(ee) That the West Lindrith Gallup-Dakota Oil Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

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TOWNSHIP 24 NORTH, RANGE 3 WEST, NMPM

Section 7: N/2
Section 8: W/2
Section 17: NE/4

TOWNSHIP 24 NORTH, RANGE 4 WEST, NMPM

Section 4: All
Section 8: S/2
Section 10: NW/4 and SE/4
Section 14: NW/4
Section 15: NE/4
Section 25: SE/4

TOWNSHIP 25 NORTH, RANGE 4 WEST, NMPM

Section 19: SW/4
Section 21: NW/4
Section 23: E/2
Section 24: N/2
Section 26: E/2
Section 31: W/2

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM

Section 35: SE/4
Section 36: S/2

(ff) That the South Los Pinos Fruitland-Pictured Cliffs Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 32 NORTH, RANGE 7 WEST, NMPM

Section 25: S/2
Section 32: SE/4
Section 33: NE/4

(gg) That the Lybrook-Gallup Oil Pool in Rio Arriba and San Juan Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 NORTH, RANGE 6 WEST, NMPM

Section 6: E/2 SW/4
Section 7: NE/4 NW/4

TOWNSHIP 23 NORTH, RANGE 7 WEST, NMPM

Section 1: W/2 SW/4 and SW/4 NW/4
Section 6: NW/4, W/2 NE/4, and
SE/4 NE/4
Section 8: NE/4 and N/2 SE/4
Section 12: NW/4 NW/4
Section 14: W/2
Section 15: N/2 NE/4

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TOWNSHIP 24 NORTH, RANGE 7 WEST, NMPM

Section 29: SW/4 SE/4

Section 30: S/2 S/2

Section 31: All

Section 32: W/2 E/2

TOWNSHIP 24 NORTH, RANGE 8 WEST, NMPM

Section 23: S/2 S/2

Section 25: W/2 NW/4, SW/4, and S/2
SE/4

Section 26: E/2 NE/4

Section 36: All

(hh) That the Miguel Creek-Gallup Oil Pool in McKinley County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 16 NORTH, RANGE 6 WEST, NMPM

Section 20: E/2 SE/4

Section 28: NW/4 NW/4

Section 29: E/2 NE/4 and NW/4 NE/4

(ii) That the Nageezi-Gallup Oil Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 NORTH, RANGE 8 WEST, NMPM

Section 5: W/2

Section 6: N/2

Section 8: NE/4

Section 9: W/2 and NE/4

Section 16: NW/4

TOWNSHIP 24 NORTH, RANGE 8 WEST, NMPM

Section 32: All

(jj) That the Otero-Chacra Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM

Section 4: N/2

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM

Section 28: W/2

Sections 29 and 30: All

Section 32: NW/4 and E/2

Section 33: W/2 and SE/4

TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM
Section 22: NE/4

TOWNSHIP 26 NORTH, RANGE 7 WEST, NMPM
Section 3: NE/4
Section 9: All
Section 10: SW/4

(kk) That the Otawa-Gallup Oil Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

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

(ll) That the Parajito-Pennsylvanian Oil Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 29 NORTH, RANGE 17 WEST, NMPM
Section 31: NW/4 NE/4

(mm) That the Pinon-Fruitland Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 28 NORTH, RANGE 11 WEST, NMPM
Section 16: W/2
Section 17: E/2

(nn) That the North Pinon-Fruitland Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 29 NORTH, RANGE 12 WEST, NMPM
Section 33: W/2

(oo) That the Rusty-Chacra Pool in Sandoval County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 21 NORTH, RANGE 6 WEST, NMPM
Section 4: SW/4
Section 5: S/2 and NW/4
Section 6: All
Section 7: NW/4
Section 9: W/2

TOWNSHIP 22 NORTH, RANGE 6 WEST, NMPM

Section 17: SW/4
Section 18: NW/4 and SE/4
Section 20: NW/4 and SE/4
Section 27: SW/4
Section 28: S/2
Section 29: S/2
Section 30: NW/4 and SE/4
Section 31: E/2
Section 32: W/2 and NE/4
Section 34: N/2
Section 35: N/2 and SE/4
Section 36: SW/4

TOWNSHIP 22 NORTH, RANGE 7 WEST, NMPM

Section 10: N/2
Section 11: NW/4
Section 12: SW/4
Section 17: S/2
Section 27: S/2 and NW/4
Section 28: E/2
Section 34: NE/4

(pp) That the Tapacito-Pictured Cliffs Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 27 NORTH, RANGE 4 WEST, NMPM

Section 5: SW/4
Section 6: SE/4
Section 9: SW/4
Section 16: N/2 and SE/4

TOWNSHIP 27 NORTH, RANGE 5 WEST, NMPM

Section 3: All
Section 4: E/2 and NW/4
Section 5: NE/4
Section 9: NE/4
Section 10: N/2

TOWNSHIP 28 NORTH, RANGE 5 WEST, NMPM

Section 31: NW/4
Section 32: S/2

(qq) That the Ute Dome-Dakota Pool in San Juan County, New Mexico, as heretofore classified, defined, and described,

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Case No. 7446
Order No. R-6886

is hereby extended to include therein:

TOWNSHIP 32 NORTH, RANGE 14 WEST, NMPM
Section 26: SE/4
Section 34: NE/4

(rr) That the WAM Fruitland-Pictured Cliffs Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM
Section 25: S/2
Section 26: SE/4

TOWNSHIP 26 NORTH, RANGE 13 WEST, NMPM
Section 4: SE/4
Section 10: S/2

TOWNSHIP 27 NORTH, RANGE 12 WEST, NMPM
Section 30: NW/4

TOWNSHIP 27 NORTH, RANGE 13 WEST, NMPM
Section 4: SW/4
Section 5: S/2
Section 7: NE/4
Section 8: All
Section 9: W/2 and SE/4
Section 16: N/2
Section 17: NE/4

IT IS FURTHER ORDERED:

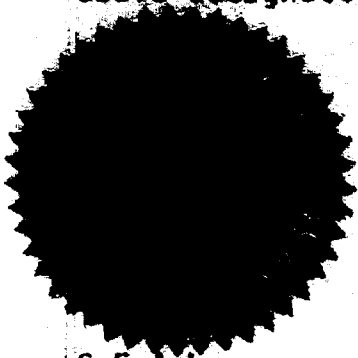
(1) That pursuant to Section 70-2-13, NMSA 1978, contained in Chapter 271, Laws of 1969, any well which by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger than the one which is presently dedicated thereto, shall have 60 days from the 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.

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Case No. 7446
Order No. R-6886

(2) That the effective date of this order and all creations, abolishments, contractions, and extensions of vertical and horizontal limits included herein shall be January 1, 1982.

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



STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

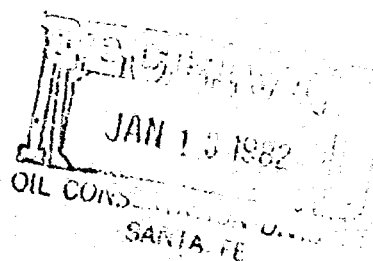
Joe D. Ramey
JOE D. RAMEY
Director

IS E A L

fd/

ROUGH

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. 7446

Order No. R- 6886

THE APPLICATION OF THE OIL CONSERVATION
DIVISION ON ITS OWN MOTION FOR AN ORDER

Creating, abolishing, contracting, and extending vertical and horizontal
CERTAIN POOLS IN Santa Fe, Sandoval, Rio Arriba and limits of
COUNTIES, NEW MEXICO. McKinley

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on Dec 16, 1981,
 , at Santa Fe, New Mexico, before Examiner Dick Stomets
 .

NOW, on this day of , 19 , the
Division Director ~~being present~~ and 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.

^a
(1) That there is need for the creation of a new gas
pool in Rio Arriba County, New Mexico, for the
production of gas from the Nacimiento formation,
said pool to bear the designation of Gavilan Nacimiento
Gas Pool. Said Gavilan Nacimiento Gas
Pool was discovered by the Kenai Oil & Gas Tract
Federal 31#12 well located in Unit B
of Section 12, Township 24 N, Range 2W
, NMPM. It was completed in the Nacimiento
formation on February 2 1980. The top of
the perforations is at 2380 feet.

IT IS THEREFORE ORDERED:

(a) That a new pool in Bio Arriba County, New Mexico,
classified as a gas pool for Nacimiento production,
is hereby created and designated as the Gravilon Nacimiento
Gas Pool, comprising the following described area:

TOWNSHIP 24 NORTH, RANGE 1 WEST, NMPM
Section 6 : SW/4

TOWNSHIP 24 NORTH, RANGE 2 WEST, NMPM
Section 1 : SE/4
Section 12 : N/2

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⁶
(~~e~~) That there is a need for the abolishment of The
South Gallegos Pictured Cliffs Gas Pool in
San Juan County New Mexico

South Gallegos - Fruitland

Case No. 7446
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b.
(~~2~~) That the South Gallegos Pictured Cliff ^{Gas} Pool in
San Juan County, New Mexico, consisting of the following
described area:

TOWNSHIP	27 N,	RANGE	12 W,	NMPM
Section	36	All		
Section				

is hereby abolished.

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d
(~~e~~) That there is a need for the contracting of the
South Gallup Fruitland Gas Pool in San Juan
County New Mexico

f
(~~e~~) That there is a need for the contracting of the
Otero Gallup Oil Pool in Rio Arriba County
New Mexico.

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IT IS THEREFORE ORDERED

d

That the South Gallegos Fruitland Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby contracted by deleting:

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM

Section 24 : SE/4

Section 25 : E/2

(

That the Otero Gallup Oil Pool in Rio Arriba County, New Mexico, as heretofore classified, defined and described, is hereby contracted by deleting:

TOWNSHIP 25 NORTH, RANGE 4 WEST, NMPM

Section 31 : NW/4

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM

Section 36: W/2 SW/4

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^C
(~~2~~) That there is need for the redesignation of the
South Gallegos Frontland Gas Pool in San
Juan County New Mexico

⁹
(~~8~~) That there is need for the redesignation of the
Beautiful Mountain Mississippian Oil Pool in
San Juan County New Mexico

(e) That the South Gallegos Fruitland Gas Pool
in San Juan County, New Mexico, as heretofore
classified, defined, and described, is hereby extended
to include

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM

Section 2 : S/2
3 : SE/4
10 : NE/4
13 : W/2

C and the vertical limits of said pool are hereby extended
to include the Pictured Cliff formation and said
pool is redefined as the South Gallegos-Fruitland-
Pictured Cliffs Gas Pool.

(g) That the Beautiful Mountain Mississippian Oil Pool
in San Juan County County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 27 N, RANGE 19 W, NMPM

Section 32 N/2 S/2 and SW/4 SW/4 and SE/4 SE/4
and is hereby redesignated the Beautiful
Mountain Mississippian Gas Pool

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^h
- (~~g~~) That there is need for the extension of the
Aztec Fruitland Gas Pool in San Juan County
New Mexico

ⁱ
- (~~h~~) That there is need for the extension of the
Aztec Pictured Cliffs Gas Pool in San
Juan County New Mexico

^j
- (~~i~~) That there is need for the extension of the
B S Mesa Gallup Gas Pool in Rio Arriba
County New Mexico

(VI) That the Aztec Fruitland Gas Pool
in San Juan County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 29 N, RANGE 10 W, NMPM
Section 30 : SE/4
Section 31 : NE/4
Section

(I) That the Aztec Pictured Cliffs Gas Pool
in San Juan County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM
Section 12 : NE/4

TOWNSHIP 30 NORTH, RANGE 10 WEST, NMPM
Section 7 : SE/4

Section 21 : NW/4 and SE/4

Section 28 : E/2

(J) That the BS Mesa Gallup Gas Pool
in Do Arriba County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 26 N, RANGE 4 W, NMPM
Section 1 : NW/4
Section 2 : All
Section 6 : SW/4

(K) That the Ballard Pictured Cliffs Gas Pool
in Rio Arriba Sandoval + San Juan Count New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 23 NORTH, RANGE 5 WEST, NMPM
Section 24 : NE/4

TOWNSHIP 24 NORTH, RANGE 5 WEST, NMPM
Section 15 : SW/4

TOWNSHIP 25 NORTH, RANGE 6 WEST, NMPM
Section 35 : S/2

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

Section 14 : NW/4 and SE/4

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- (K) That there is need for the extension of the
Ballard Pictured Cliffs Gas Pool in Rio Arriba
Sandoval, and San Juan Counties New Mexico

- (L) That there is need for the extension of the
Bisti Lower Gallup Oil Pool in San Juan
County New Mexico

- (M) That there is need for the extension of the
Blanco Fruitland Gas Pool in San Juan
County New Mexico

(l) That the 3rd Lower Gallup Oil Pool
in San Juan County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 24 NORTH, RANGE 10 WEST, NMPM
Section 6: N/2 NE/4

TOWNSHIP 25 NORTH, RANGE 10 WEST, NMPM
Section 31: SE/4

(m) That the Blanco Fruitland Gas Pool
in San Juan County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 29 N, RANGE 9W, NMPM
Section 3 : SE/4
Section 10 : NE/4
Section

(n) That the Blanco Mesa Verde Gas Pool
in Rio Arriba and San Juan Counties, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM
Section 4 : S/2
Section 5 : S/2

TOWNSHIP 26 NORTH, RANGE 2 WEST, NMPM
Section 10 : W/2

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM
Section 14 : S/2
Section 25 : All
Section 26 : All
Section 35 : All
Section 36 : All

TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM
Section 2 : S/2
Sections 7 to 16 : All
Section 22 : All

TOWNSHIP 26 NORTH, RANGE 7 WEST, NMPM
Section 22 : N/2

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM
Section 13 : W/2
Section 14 : All
Section 23 : N/2
Section 24 : All

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM
Section 23 : N/2

TOWNSHIP 30 NORTH, RANGE 4 WEST, NMPM
Section 30 : W/2

TOWNSHIP 31 NORTH, RANGE 13 WEST, NMPM
Section 14 : All
Section 15 : E/2
Section 23 : All

Case No. 7446
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- (~~A~~⁷) That there is need for the extension of the
Blanco Mesa Verde Gas Pool in Rio Arriba
and San Juan Counties New Mexico

- (~~A~~^O) That there is need for the extension of the
Blanco Pictured Cliffs Gas Pool in Rio Arriba,
Sandoval, and San Juan Counties New Mexico

- (~~A~~^P) That there is need for the extension of the
South Blanco Pictured Cliffs Gas Pool in Rio
Arriba, Sandoval, and San Juan Counties
New Mexico

(O) That the Blanco Pictured Cliffs Gas Pool

in B. Arriba, Sandoval and San Juan Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 28 NORTH, RANGE 7 WEST, NMPM

Section 17 : NW/4

Section 18 : SE/4

TOWNSHIP 29 NORTH, RANGE 8 WEST, NMPM

Section 3 : W/2

Section 4 : E/2

Section 9 : N/2

Section 10 : NW/4

Section 33 : E/2

Section 34 : W/2 and SE/4

Section 35 : SW/4

TOWNSHIP 30 NORTH, RANGE 9 WEST, NMPM

Section 11 : SW/4

TOWNSHIP 30 NORTH, RANGE 10 WEST, NMPM

Section 6 : NW/4

TOWNSHIP 31 NORTH, RANGE 9 WEST, NMPM

Section 28 : SE/4

TOWNSHIP 31 NORTH, RANGE 12 WEST, NMPM

Section 12 : NE/4

TOWNSHIP 32 NORTH, RANGE 11 WEST, NMPM

Section 10 : E/2

(P) That the South Blanco Pictured Cliffs Gas Pool

in B. Arriba, Sandoval and San Juan Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 NORTH, RANGE 1 WEST, NMPM

Section 19 : SW/4

Section 30 : W/2

Section 31 : NW/4

TOWNSHIP 23 NORTH, RANGE 2 WEST, NMPM

Section 24 : S/2

TOWNSHIP 23 NORTH, RANGE 3 WEST, NMPM

Section 2 : N/2

Section 3 : N/2

Section 4 : NE/4

TOWNSHIP 24 NORTH, RANGE 2 WEST, NMPM

Section 14 : W/2

Sections 15, 16, & 17 : All

Section 21 : N/2

Section 22 : N/2

TOWNSHIP 24 NORTH, RANGE 3 WEST, NMPM

Section 3 : SE/4

Section 26 : S/2 and NW/4

Section 27 : All

Section 28 : E/2

Section 33 : E/2

Sections 34 & 35 : All

Section 36 : SW/4

TOWNSHIP 24 NORTH, RANGE 4 WEST, NMPM

Section 14 : NW/4

Section 24 : All

TOWNSHIP 27 NORTH, RANGE 5 WEST, NMPM

Section 34 : NW/4

TOWNSHIP 27 NORTH, RANGE 6 WEST, NMPM

Section 8 : SE/4

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- (~~4~~⁹) That there is need for the extension of the
Bloomfield Chavea Gas Pool in San Juan
County New Mexico

- (~~5~~⁷) That there is need for the extension of the
Chaco Gallup Oil Pool in San Juan
County New Mexico

- (~~6~~⁵) That there is need for the extension of the
Chaco Dakota Associated Oil Pool in
Rio Arriba and Sandoval Counties New Mexico

Section 25: SE/4
Section 36 : E/2

TOWNSHIP 28 NORTH, RANGE 7 WEST, NMPM

Section 19 : W/2
Section 30 : NW/4

TOWNSHIP 28 NORTH, RANGE 8 WEST, NMPM

Section 11 : E/2
Section 12 : All
Section 13 : All
Section 14 : NE/4
Section 24 : NE/4

(q) That the Bloomfield Chacra Gas Pool
in San Juan County County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM

Sections 15 & 16 : All
Section 17 : SE/4
Section 22 : NW/4

TOWNSHIP 29 NORTH, RANGE 11 WEST, NMPM

Section 14 : W/2
Section 15 : E/2
Section 22 : E/2
Section 23 : W/2
Section 25 : N/2
Section 26 : W/2
Section 27 : NE/4 and S/2
Section 34 : All
Section 35 : W/2 and SE/4

(r) That the Cha Cha Gallup Oil Pool
in San Juan County County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 29 N, RANGE 15 W, NMPM

Section 11 : E/2
Section 12 : S/2 and NW/4
Section 14 : N/2

(s) That the Chacon Dakota Associated Oil Pool
in Quibria and San Juan Count New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 22 NORTH, RANGE 3 WEST, NMPM

Section 1 : W/2
Section 2 : E/2

TOWNSHIP 23 NORTH, RANGE 3 WEST, NMPM

Section 3 : NE/4
Section 11 : NW/4
Section 23 : SE/4
Section 35 : SE/4

TOWNSHIP 24 NORTH, RANGE 3 WEST, NMPM

Section 16 : SW/4
Section 17 : SE/4
Section 21 : All
Section 22 : SW/4
Section 27 : W/2 and SE/4
Section 28 : E/2

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⁺
- (~~8~~) That there is need for the extension of the
Escrito Gallup Oil Pool in Rio Arriba County
New Mexico.

^a
- (~~7~~) That there is need for the extension of the
Flora Vista Fruitland Gas Pool in San Juan County
New Mexico.

^V
- (~~6~~) That there is need for the extension of the
Flora Vista Gallup Gas Pool in San Juan County
New Mexico.

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(^W~~4~~) That there is need for the extension of the
Fulcher Kutz Pictured Cliffs Gas Pool in San
Timon County, New Mexico

(^X~~2~~) That there is need for the extension of the
Gallegos Gallup Oil Pool in San Timon County,
New Mexico

(^Y~~2~~) That there is need for the extension of the
Goustan-Pictured Cliffs Gas Pool in Rio Arriba
County, New Mexico

(k) That the Escrito Gallup Oil Pool
in Rio Arriba County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 24 N, RANGE 7 W, NMPM
Section 28 : S/2 NE/4
Section 35 : W/2 NW/4
Section

(u) That the Flora Vista Fruitland Gas Pool
in San Juan County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 30 NORTH, RANGE 12 WEST, NMPM
Section 3 : W/2

TOWNSHIP 31 NORTH, RANGE 12 WEST, NMPM
Section 34 : W/2

(v) That the Flora Vista Gallup Gas Pool
in San Juan County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 30 N, RANGE 12 W, NMPM
Section 1 : SW/4
Section 2 : SE/4
Section

(w) That the Fulcher Kutz Pictured Cliffs Gas Pool
in San Juan County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 28 N, RANGE 11 W, NMPM
Section 16 : W/2
Section
Section

(x) That the Gallegos Gallup Oil Pool
in San Juan County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 26 N, RANGE 12 W, NMPM
Section 23 : E/2 NE/4
Section
Section

(y) That the Gavilan Pictured Cliffs Gas Pool
in Rio Arriba County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 24 NORTH, RANGE 1 WEST, NMPM
Section 6 : SW/4

TOWNSHIP 25 NORTH, RANGE 2 WEST, NMPM
Section 9 : NW/4

Case No. 7446
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(²/₂) That there is need for the extension of the
Gobernador District Court in Rio Arriba County
New Mexico

^{aa}
(²/₂) That there is need for the extension of the
Gonzales Municipal Court in Rio Arriba County
New Mexico

^{bb}
(²/₂) That there is need for the extension of the
West End Municipal Court in San Juan County
New Mexico

Case No. 7446
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^{cc}
- (~~bb~~) That there is need for the extension of the
Kutz Gallup Oil Pool in San Juan County
New Mexico

^{dd}
- (~~ee~~) That there is need for the extension of the
West Kutz Pictured Cliffs Gas Pool in San Juan
County New Mexico

^{ee}
- (~~ff~~) That there is need for the extension of the
South Lindbergh Gallup-Dakota Oil Pool in Rio Arriba
County New Mexico

(2) That the Gobernador Pictured Cliffs Gas Pool
in Rio Arriba County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 30 N, RANGE 5 W, NMPM
Section 31 : SE/4
Section
Section

(a) That the Gonzales Mesa Verde Gas Pool
in Rio Arriba County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 26 N, RANGE 5 W, NMPM
Section 30 : SE/4
Section 31 : NE/4
Section

(b) That the West Kutz Fossilland Gas Pool
in San Juan County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 29 N, RANGE 12 W, NMPM
Section 19 : S/2
Section
Section

(c) That the Kutz Gallup Oil Pool Pool
in San Juan County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 27 N, RANGE 11 W, NMPM
Section 4 : NW/4 NE/4
Section
Section

(d) That the West Kutz Pictured Cliffs Gas Pool
in San Juan County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 27 NORTH, RANGE 11 WEST, NMPM
Section 32 : NE/4

TOWNSHIP 27 NORTH, RANGE 12 WEST, NMPM
Section 9 : W/2
Section 16 : NW/4

TOWNSHIP 29 NORTH, RANGE 12 WEST, NMPM
Section 20 : SE/4

TOWNSHIP 29 NORTH, RANGE 13 WEST, NMPM
Section 18 : SW/4
Section 19 : N/2

TOWNSHIP 29 NORTH, RANGE 14 WEST, NMPM
Section 13 : All
Section 24 : N/2

Case No. 7446
Order No. R-

⁸⁸
~~(88)~~ That there is need for the extension of the
West Lindbergh Gallup Dakota Oil Pool in Rio
Arriba County New Mexico

⁹⁹
~~(99)~~ That there is need for the extension of the
South Las Pinos Fruitland-Pictured Cliffs Gas
Pool in San Juan County New Mexico

⁴⁴
~~(55)~~ That there is need for the extension of the
Lybrook Gallup Oil Pool in Sandoval, San Juan, and
Rio Arriba Counties New Mexico

(cc) That the South Lindbergh Gallup Dakota Oil Pool
in Rio Arriba County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 24 N, RANGE 4 W, NMPM
Section 27 : N/2 S/2
Section
Section

(cc) That the West Lindbergh Gallup Dakota Oil Pool
in Rio Arriba County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 24 NORTH, RANGE 3 WEST, NMPM
Section 7 : N/2
Section 8 : W/2
Section 17 : NE/4

TOWNSHIP 24 NORTH, RANGE 4 WEST, NMPM
Section 4 : All
Section 8 : S/2
Section 10 : NW/4 and SE/4
Section 14 : NW/4
Section 15 : NE/4
Section 25 : SE/4

TOWNSHIP 25 NORTH, RANGE 4 WEST, NMPM
Section 13 : SW/4
Section 21 : NW/4
Section 23 : E/2
Section 24 : N/2
Section 26 : E/2
Section 31 : W/2

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM
Section 35 : SE/4
Section 36 : S/2

(gg) That the South Los Pinos Fruitland-Pictured Cliffs Gas Pool
in San Juan County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 32 N, RANGE 7 W, NMPM
Section 25 : S/2
Section 32 : SE/4
Section 33 : NE/4

(hh) That the Lybrook Gallup Oil Pool
in San Juan and San Juan Counties, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 23 NORTH, RANGE 6 WEST, NMPM
Section 6 : E/2 SW/4
Section 7 : NE/4 NW/4

TOWNSHIP 23 NORTH, RANGE 7 WEST, NMPM
Section 1 : W/2 SW/4 and SW/4 NW/4
Section 6 : NW/4 and W/2 NE/4 and SE/4 NE/4
Section 8 : NE/4 and N/2 SE/4
Section 12 : NW/4 NW/4
Section 14 : W/2
Section 15 : N/2 NE/4

TOWNSHIP 24 NORTH, RANGE 7 WEST, NMPM
Section 29 : SW/4 SE/4
Section 30 : S/2 S/2
Section 31 : All
Section 32 : W/2 E/2

TOWNSHIP 24 NORTH, RANGE 8 WEST, NMPM
Section 23 : S/2 S/2
Section 25 : W/2 NW/4 and SW/4 and S/2 SE/4
Section 26 : E/2 NE/4
Section 36 : All

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- ¹¹~~(H)~~ That there is need for the extension of the
Angel Creek Gallup Oil Pool in McKinley County
New Mexico.

- ³³~~(H)~~ That there is need for the extension of the
No geezi Gallup Oil Pool in San Juan County
New Mexico.

- ^{KK}~~(H)~~ That there is need for the extension of the
Otero Chaco Gas Pool in Rio Arriba County
New Mexico.

(ii) That the Miguel Creek Gallup Oil Pool
in McKinley County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 16 N, RANGE 6 W, NMPM
Section 20 : E/2 SE/4
Section 28 : NW/4 NW/4
Section 29 : E/2 NE/4 and NW/4 NE/4

(iii) That the Nageezi Gallup Oil Pool
in San Juan County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 23 NORTH, RANGE 8 WEST, NMPM
Section 5 : W/2
Section 6 : N/2
Section 8 : NE/4
Section 9 : W/2 and NE/4
Section 16 : NW/4

TOWNSHIP 24 NORTH, RANGE 8 WEST, NMPM
Section 32 : All

(KK) That the Otero Chacra Gas Pool
in Rio Arriba County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM
Section 4 : N/2

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM
Section 28 : W/2
Sections 29 & 30 : All
Section 32 : NW/4 and E/2
Section 33 : W/2 and SE/4

TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM
Section 22 : NE/4

TOWNSHIP 26 NORTH, RANGE 7 WEST, NMPM
Section 5 : NE/4
Section 9 : All
Section 10 : SW/4

(ll) That the Otero Gallup Oil Pool
in Rio Arriba County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

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

Case No. 7446
Order No. R-

¹¹
~~(#)~~ That there is need for the extension of the
Otero Gallup Oil Pool in Rio Arriba County
New Mexico

^{mm}
~~(#)~~ That there is need for the extension of the
Pararito Pennsylvania N Oil Pool in San
Juan County New Mexico

ⁿⁿ
~~(#)~~ That there is need for the extension of the
Pinon Fruitland Gas Pool in San Juan
County New Mexico

Case No. 7446
Order No. R-

- (20) That there is need for the extension of the
North Pinon Fruitland Gas Pool in San Juan
County New Mexico

- (21) That there is need for the extension of the
Rusty Chacra Gas Pool in Sandoval County
New Mexico

- (22) That there is need for the extension of the
Tapacito Pictured Cliffs Gas Pool in Rio Arriba
County New Mexico

(mm) That the Pacifica Pennsylvanian Oil Pool
in San Juan County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 29 N, RANGE 17 W, NMPM
Section 31 : NW/4 NE/4
Section
Section

(nn) That the Pinon Fruitland Gas Pool
in San Juan County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 28 N, RANGE 11 W, NMPM
Section 16 : W/2
Section 17 : E/2
Section

(oo) That the North Pinon Fruitland Gas Pool
in San Juan County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 29 N, RANGE 12 W, NMPM
Section 33 : W/2
Section
Section

(pp) That the Rusty Chocra Gas Pool
in Sandoval County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 21 NORTH, RANGE 6 WEST, NMPM
Section 4 : SW/4
Section 5 : S/2 and NW/4
Section 6 : All
Section 7 : NW/4
Section 9 : W/2

TOWNSHIP 22 NORTH, RANGE 6 WEST, NMPM
Section 17 : SW/4
Section 18 : NW/4 and SE/4
Section 20 : N/W/4 and SE/4
Section 27 : SW/4
Section 28 : S/2
Section 29 : S/2
Section 30 : NW/4 and SE/4
Section 31 : E/2
Section 32 : W/2 and NE/4
Section 34 : N/2
Section 35 : N/2 and SE/4
Section 36 : SW/4

TOWNSHIP 22 NORTH, RANGE 7 WEST, NMPM
Section 10 : N/2
Section 11 : NW/4
Section 12 : SW/4
Section 17 : S/2
Section 27 : S/2 and NW/4
Section 28 : E/2
Section 34 : NE/4

Case No. 7446
Order No. R-

^{rr}
~~(rr)~~ That there is need for the extension of the
Ute Dome Dakota Gas Pool in San Juan
County New Mexico

^{ss}
~~(rr)~~ That there is need for the extension of the
WAW Fruitland Pictured Cliffs Gas Pool in
San Juan County New Mexico

(gg) That the Tapacito Pictured Cliffs Gas Pool
in Rio Arriba County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 27 NORTH, RANGE 4 WEST, NMPM
Section 5 : SW/4
Section 6 : SE/4
Section 9 : SW/4
Section 16 : N/2 and SE/4

TOWNSHIP 27 NORTH, RANGE 5 WEST, NMPM
Section 3 : All
Section 4 : E/2 and NW/4
Section 5 : NE/4
Section 9 : NE/4
Section 10 : N/2

TOWNSHIP 28 NORTH, RANGE 5 WEST, NMPM
Section 31 : NW/4
Section 32 : S/2

(rr) That the Lite Dome Dakota Gas Pool
in San Juan County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 32 N, RANGE 14 W, NMDM
Section 26 : SE/4
Section 34 : NE/4
Section

(ss) That the WAW Fruitland Pictured Cliffs Gas Pool
in San Juan County, New Mexico, as heretofore
classified, defined, and described, is hereby extended to
include therein:

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM
Section 25 : S/2
Section 26 : SE/4

TOWNSHIP 26 NORTH, RANGE 13 WEST, NMPM
Section 4 : SE/4
Section 10 : S/2

TOWNSHIP 27 NORTH, RANGE 12 WEST, NMPM
Section 30 : NW/4

TOWNSHIP 27 NORTH, RANGE 13 WEST, NMPM
Section 4 : SW/4
Section 5 : S/2
Section 7 : NE/4
Section 8 : All
Section 9 : W/2 and SE/4
Section 16 : N/2
Section 17 : NE/4

Case: 7446

- (a) That the South Gallegos Pictured Cliffs Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby abolished.

BEFORE EXAMINER'S OFFICE
OIL CONSERVATION DIVISION

1 INVEST NO. 1

CASE NO. 7446

Submitted by JA Edmister

Hearing Date 12-16-81

Case: 7446

- (b) That the South Gallegos Fruitland Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby contracted by deleting:

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM

Section 24 : SE/4

Section 25 : E/2

Case: 7446

- (c) That the Otero Gallup Oil Pool in Rio Arriba County, New Mexico, as heretofore classified, defined and described, is hereby contracted by deleting:

TOWNSHIP 25 NORTH, RANGE 4 WEST, NMPM
Section 31 : NW/4

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM
Section 36: W/2 SW/4

Case: 7446

- (d) That the South Gallegos-Fruitland Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM

Section 2 : S/2
3 : SE/4
10 : NE/4
13 : W/2

Based on:

Dugan Production Company Benjamin Franklin #2
B-10-26N-12W
AOF 129 MCFPD, SICP375#

Jerome P. McHugh Chaco Plant #21
N-13-26N-12W
AOF 10 MCFPD, SICP 200#

and the vertical limits of said pool are hereby extended to include the Pictured Cliff formation and said pool is redefined as the South Gallegos-Fruitland-Pictured Cliffs Gas Pool.

Case: 7446

- (e) That a new pool in Rio Arriba County, New Mexico, classified as a gas pool for Nacimiento production, is hereby created and designated as the Gavilan Nacimiento Pool, comprising the following described area:

TOWNSHIP 24 NORTH, RANGE 1 WEST, NMPM
Section 6 : SW/4

TOWNSHIP 24 NORTH, RANGE 2 WEST, NMPM
Section 1 : SE/4
Section 12 : N/2

Based on:

Discovery Well

Kenai Oil & Gas Incorporated
Federal 31 #12
B-12-24N-2W
AOF 5819 MCF/D SICP 552
Perforated Interval 2380-2395

Jerome P. McHugh
Big Hit #12
C-12-24N-2W
AOF 2440 MCF/D SICP 505

Dugan Production Corporation
Eureka #1
K-6-24N-1W
IP 523 MCF/O SICP 377

Case: 7446

- (f) That the Aztec Fruitland Gas Pool in San Juan County, New Mexico, as heretofore classified, described, and defined, is hereby extended to include:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM

Section 30: SE/4

Section 31: NE/4

Based on:

Supron Energy Corporation Wilson #2

G-31-29N-10W

AOB 207MCFPD, SICP 540

Case: 7446

- (g) That the Aztec Pictured Cliffs Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM
Section 12 : NE/4

TOWNSHIP 30 NORTH, RANGE 10 WEST, NMPM
Section 7 : SE/4

Section 21 : NW/4 and SE/4

Section 28 : E/2

Based on:

El Paso Natural Gas Company	Lackey A #1R
A-12-29N-10W	
AOF 1463 MCFPD	SICP 770#

El Paso Natural Gas Company	Sunray J #1A
I-7-30N-10W	
AOF 2732 MCFPD	SICP 668#

El Paso Natural Gas Company	Sunray D #1A
F-21-30N-10W	
AOF 786 MCFPD	SICP 717#

El Paso Natural Gas Company	Sunray D #2A
P-21-30N-10W	
AOF 1234 MCFPD	SICP 801#

Case: 7446

- (h) That the BS Mesa Gallup Gas Pool in Rio Arriba County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 26 NORTH, RANGE 4 WEST, NMPM
Section 1 : NW/4

Section 2 : All

Section 6 : SW/4

Based on:

Southland Royalty Company Jicarillo 101 #3E
E-1-26N-4W
AOF 241 MCFPD, SICP 965#

Consolidated Oil and Gas Company Huron #2E
M-2-26N-4W
AOF 248 MCFPD, SICP 720#

Consolidated Oil and Gas Company Northwest #3E
L-6-26N-4W
AOF 253 MCFPD, SICP 1271#

Case: 7446

- (i) That the Beautiful Mountain Mississippian Oil Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby redesignated the Beautiful Mountain Mississippian Gas Pool and is extended to include:

TOWNSHIP 27 NORTH, RANGE 19 WEST, NMPM

Section 32 : N/2 S/2 and SW/4 SW/4 and SE/4 SE/4

Based on:

GOR test of

Petroleum Energy Inc.
F-5-26N-19W

Navajo 1-5

Petroleum Energy Inc.
O-32-27N-19W

Navajo 1-32

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2038
SANTA FE, NEW MEXICO 87501

Form C-116
Revised 10-1-78

GAS-OIL RATIO TESTS

Operator: PETROLEUM ENERGY, INC. Pool: Beautiful Mountain - Organ Rock County: San Juan, New Mexico

Address: P. O. Box 2121 Durango, Colorado 81301 TYPE OF TEST - (X) Scheduled ☐ Completion ☐ Special ☐

LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	SIZE	TBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU. FT./BBL.
		U	S	T	R						WATER BBLs.	GRAV. OIL	OIL BBLs.	GAS M.C.F.	
Navajo 1-20 NOO-C-14-20-2976 NWSE Sec.20, T27N, R19W						1/20/81	F 32/64	640	—	24	7	—	0	0	
Navajo "AS" NOO-C-14-20-2977 SWSW Sec.28, T27N, R19W						1/20/81	F 24/64	720		24	0	—	0	838	

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Division in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

Fredrick M. Daniel
(Signature)
Production Contractor & Tester
(Title)

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2086
SANTA FE, NEW MEXICO 87501

Form C-116
Revised 10-1-78

GAS-OIL RATIO TESTS

Operator PETROLEUM ENERGY, INC.		Pool Beautiful Mountain - Mississippian				County San Juan, New Mexico									
Address P. O. Box 2121 Durango, Colorado 81301		TYPE OF TEST - (X)		Scheduled ☐		Completion ☐		Special ☐							
LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	CHOKE SIZE	T.B.G. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU. FT./BBL
		U	S	T	R						WATER BBLs.	GRAV. OIL	OIL BBLs.	GAS M.C.F.	
Navajo 1-5 NCO-C-14-20-4157 SE1/4 Sec. 5, T26N, R19W						1/20/81	F 2 3/4	1500	—	24	1	46.0	4	1,166	291,000 1
Navajo 1-32 NCO-C-14-20-4158 SWSE Sec. 32, T27N, R19W						1/20/81	F 2 3/4	690	—	24	2	43.0	2	116,000 1	

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.

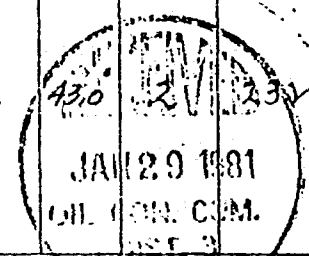
Gas volumes must be reported in MCF measured at a pressure base of 15,025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Send original and one copy of this report to the district office of the New Mexico Oil Conservation Division in accordance with Rule 321 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

Fredrick R. M. Smith
(Signature)
Production Contractor & Tester



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

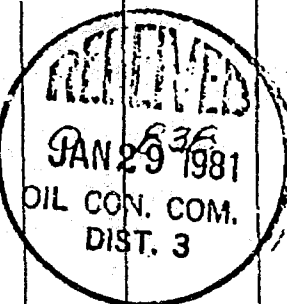
Form C-116
Revised 10-1-78

GAS-OIL RATIO TESTS

Operator: PETROLEUM ENERGY, INC. Pool: Beautiful Mountain - Organ Rock County: San Juan, New Mexico

Address: P. O. Box 2121 Durango, Colorado 81301 TYPE OF TEST - IXI Scheduled ☐ Completion ☐ Special ☐

LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	STATUS	CHOKE SIZE	TUB. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU. FT / BBL.
		U	S	T	R							WATER BBLs.	GRAV. OIL	OIL BBLs.	GAS M.C.F.	
Navajo 1-20 NCO-C-14-20-2976 NWSE Sec. 20, T27N, R19W						1/20/81	F	3 1/4	640	—	24	7	—	0	0	
Navajo "AS" NCO-C-14-20-2977 SWSW Sec. 28, T27N, R19W						1/20/81	F	2 1/4	720	—	24	0	—			



No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Division in accordance with Rule 201 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

Fredrick M. Daniel
(Signature)
Production Contractor & Interpreter
(Title)

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

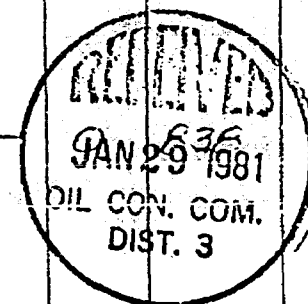
Form C-118
Revised 10-1-78

GAS-OIL RATIO TESTS

Operator: PETROLEUM ENERGY, INC. Pool: Beautiful Mountain - Organ Rock County: San Juan, New Mexico

Address: P. O. Box 2121 Durango, Colorado 81301 TYPE OF TEST - (X) Scheduled ☐ Correlation ☐ Special ☐

LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	Casing Size	CHOKE SIZE	T.B.G. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU.FT/BBLS.
		U	S	T	R							WATER BBLs.	GRAV. OIL	OIL BBLs.	GAS M.C.F.	
Navajo 1-20 NOC-C-14-20-2976 NWSE Sec.20, T27N, R19W						1/20/81	F	3 1/4	640	—	24	7	—	0	0	
Navajo "AS" NOC-C-14-20-2977 SWSE Sec.28, T27N, R19W						1/20/81	F	2 1/4	720	—	24	0	—	0	0	



No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Division in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

Fredrick M. Daniel
(Signature)
Production Contractor & Partner
(Title)

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-116
Revised 10-1-79

GAS-OIL RATIO TESTS

Operator: PETROLEUM ENERGY, INC. Pool: Beautiful Mountain - Mississippian County: San Juan, New Mexico

Address: P. O. Box 2121 Durango, Colorado 81301 TYPE OF TEST - (X) Scheduled ☐ Completion ☐ Special ☐

LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	STATUS	CHOKE SIZE	T.B.G. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU.FT./BBL.
		U	S	T	R							WATER BBLs.	GRAV. OIL	OIL BBLs.	GAS M.C.F.	
Navajo 1-5 NOO-C-14-20-4157 SE1/4 Sec.5, T26N, R19W						1/20/81	F	26/64	1500	—	24	1	46.0	4	1,166	291,000 1
Navajo 1-32 NOO-C-14-20-4158 SE1/4 Sec.32, T27N, R19W						1/20/81	F	28/64	690	—	24	2	45.0	2	232	116,000 1

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Division in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

Frederick W. Daniel
(Signature)
Production Contractor & Tester
(Title)

Case: 7446

- (j) That the Ballard Pictured Cliffs Gas Pool in Rio Arriba, Sandoval, and San Juan Counties, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 23 NORTH, RANGE 5 WEST, NMPM
Section 24 : NE/4

TOWNSHIP 24 NORTH, RANGE 5 WEST, NMPM
Section 15 : SW/4

TOWNSHIP 25 NORTH, RANGE 6 WEST, NMPM
Section 35 : S/2

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

Section 14 : NW/4 and SE/4

Based on:

Merrion and Bayless
A-24-23N-5W
IP TSTM SICP 54#

Jicarilla 429#3

Conoco Inc.
M-15-24N-5W
AOF 5898 MCFPD SICP 680#

Northeast Haynes #11Y

Kimball Oil Company
M-35-25N-6W
AOF 2149 MCFPD SICP 600#

Federal Com A#4

Supron Energy Corporation
B-9-26N-8W
AOF 216 MCFPD SICP 578#

Newsom 'B' #25

Supron Energy Corporation
D-14-26N-8W
AOF 396 MCFPD SICP 669#

Nickerson #19

Supron Energy Corporation
O-14-26N-8W
AOF 358 MCFPD SICP 492#

Nickerson #18

Case: 7446

- (k) That the Bisti Lower Gallup Oil Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 24 NORTH, RANGE 10 WEST, NMPM
Section 6: N/2 NE/4

TOWNSHIP 25 NORTH, RANGE 10 WEST, NMPM
Section 31: SE/4

Based on:

Coleman Oil and Gas Incorporated Navajo Wood #1
A-6-24N-10W
AOF 2613 MCFPD SICP 1612#
Flow 2 BO/D

Coleman Oil and Gas Incorporated Navajo Wood #2
C-9-24N-10W
AOF 227 MCFPD SICP 831#
Flow 4 BO/D

Case: 7446

- (1) That the Blanco Fruitland Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 29 NORTH, RANGE 9 WEST, NMPM

Section 3 : SE/4

Section 10 : NE/4

Based on:

AMOCO Production Company

A.L. Elliot B

#8 G-10-29N-9W

ACF 908 MCFPD

SICP 640#

Case:

7446

- (m) That the Blanco Mesa Verde Gas Pool in Rio Arriba and San Juan Counties, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM

Section 4 : S/2

Section 5 : S/2

TOWNSHIP 26 NORTH, RANGE 2 WEST, NMPM

Section 10 : W/2

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM

Section 14 : S/2

Section 25 : All

Section 26 : All

Section 35 : All

Section 36 : All

TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM

Section 2 : S/2

Sections 7 to 16 : All

Section 22 : All

TOWNSHIP 26 NORTH, RANGE 7 WEST, NMPM

Section 22 : N/2

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM

Section 13 : W/2

Section 14 : All

Section 23 : N/2

Section 24 : All

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM

Section 23 : N/2

TOWNSHIP 30 NORTH, RANGE 4 WEST, NMPM

Section 30 : W/2

TOWNSHIP 31 NORTH, RANGE 13 WEST, NMPM

Section 14 : All

Section 15 : E/2

Section 23 : All

Based on:

Supron Energy Corporation
K-4-25N-3W
AOF 2130 MCFPD

McCroden B #3

SICP 1197#

W. M. Gallaway
D-10-26N-2W
IP No Flow

Davis #3

SICP 1549#

Exhibit "m", page two

Tenneco Oil Company
I-14-26N-5W
AOF 2800 MCFPD

Jicarilla C #2E
SICP 920#

Supron Energy Corporation
D-26-26N-5W
AOF 2099 MCFPD

Jicarilla J #9E
SICP 1242#

Supron Energy Corporation
N-26-26N-5W
AOF 2163 MCFPD

Jicarilla J #10E
SICP 1162#

Supron Energy Corporation
M-35-26N-5W
IP 2504 MCFPD

Jicarilla J #12E
SICP 1207#

Supron Energy Corporation
A-36-26N-5W
AOF 2218 MCFPD

Jicarilla J #13E
SICP 1142#

Caulkins Oil Company
L-9-26N-6W
AOF 1637 MCFPD

Breech A #204M
SICP 1353#

Caulkins Oil Company
O-10-26N-6W
AOF 1012 MCFPD

Breech A #136E
SICP 973#

Caulkins Oil Company
O-13-26N-6W
AOF 1002 MCFPD

Breech C #248E
SICP 913#

Caulkins Oil Company
P-16-26N-6W
AOF 1486 MCFPD

State A #268E
SICP 1321#

Caulkins Oil Company
A-22-26N-6W
AOF 1628 MCFPD

Breech D #346
SICP 827#

Consolidated Oil and Gas Company
G-22-26N-7W
IP TSTM

NCRA #1E
SICP 1235#

Southland Royalty Company
E-14-28N-10W
AOF 61 MCFPD

McClanahan #19E
SICP 1192#

Southland Royalty Company
O-14-28N-10W
AOF 420 MCFPD

McClanahan #15E
SICP 1146#

Southland Royalty Company
H-23-28N-10W
AOF 375 MCFPD

McClanahan #14E
SICP 1057#

Exhibit "m", page three

Southland Royalty Company
I-24-28N-10W
AOF 1337 MCFPD

McClanahan #17E

SICP 969#

Southland Royalty Company
C-23-29N-10W
AOF 1281 MCFPD

Hare #19E

SICP 1047#

Getty Oil Company
B-12-29N-11W
AOF 4130 MCFPD

Garrett Federal Com #1E

SICP 1304#

El Paso Natural Gas Company
N-30-30N-4W
AOF 1233 MCFPD

Carson #3

SICP 809#

Consolidated Oil and Gas Company
K-23-31N-13W
IP 164 MCFPD

Phillips #1E

SICP 1280#

Case: 7446

- (n) That the Blanco Pictured Cliffs Gas Pool in Rio Arriba, San Juan, and Sandoval Counties, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 28 NORTH, RANGE 7 WEST, NMPM

Section 17 : NW/4

Section 18 : SE/4

TOWNSHIP 29 NORTH, RANGE 8 WEST, NMPM

Section 3 : W/2

Section 4 : E/2

Section 9 : N/2

Section 10 : NW/4

Section 33 : E/2

Section 34 : W/2 and SE/4

Section 35 : SW/4

TOWNSHIP 30 NORTH, RANGE 9 WEST, NMPM

Section 11 : SW/4

TOWNSHIP 30 NORTH, RANGE 10 WEST, NMPM

Section 6 : NW/4

TOWNSHIP 31 NORTH, RANGE 9 WEST, NMPM

Section 28 : SE/4

TOWNSHIP 31 NORTH, RANGE 12 WEST, NMPM

Section 12 : NE/4

TOWNSHIP 32 NORTH, RANGE 11 WEST, NMPM

Section 10 : E/2

Based on:

El Paso Natural Gas Company	San Juan 28-7 Unit #12A
C-17-28N-7W	
AOF 2383 MCFPD,	SICP 1020#
El Paso Natural Gas Company	San Juan 28-7 Unit #8A
I-18-28N-7W	
AOF 1817 MCFPD,	SICP 952#
Tenneco Oil Company	Florance #123
E-3-29N-8W	
AOF 1411 MCFPD,	SICP 825#
Southland Royalty Company	Hill #6
G-4-29N-8W	
AOF 846 MCFPD,	SICP 681#

Exhibit "n", page two

El Paso Natural Gas Company C-34-29N-8W AOF 5354 MCFPD,	Bolin A #2 SITP 907#
Tenneco Oil Company L-11-30N-9W AOF 754 MCFPD,	Florance #114 SICP 825#
El Paso Natural Gas Company D-6-30N-10W AOF 2652 MCFPD,	Atlantic C #6A SICP 764#
El Paso Natural Gas Company O-28-31N-9W AOF 640 MCFPD,	Sheets #4 SICP 857#
Southland Royalty Company A-12-31N-12W AOF 1001 MCFPD,	Davis #9E SICP 865#
Northwest Pipeline Corporation P-10-32N-10W AOF 476 MCFPD,	Maddox #1A SICP 446#

Case: 7446

- (o) That the South Blanco Pictured Cliffs Gas Pool in Rio Arriba, San Juan, and Sandoval Counties, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 23 NORTH, RANGE 1 WEST, NMPM

Section 19 : SW/4

Section 30 : W/2

Section 31 : NW/4

TOWNSHIP 23 NORTH, RANGE 2 WEST, NMPM

Section 24 : S/2

TOWNSHIP 23 NORTH, RANGE 3 WEST, NMPM

Section 2 : N/2

Section 3 : N/2

Section 4 : NE/4

TOWNSHIP 24 NORTH, RANGE 2 WEST, NMPM

Section 14 : W/2

Sections 15, 16, & 17 : All

Section 21 : N/2

Section 22 : N/2

TOWNSHIP 24 NORTH, RANGE 3 WEST, NMPM

Section 3 : SE/4

Section 26 : S/2 and NW/4

Section 27 : All

Section 28 : E/2

Section 33 : E/2

Sections 34 & 35 : All

Section 36 : SW/4

TOWNSHIP 24 NORTH, RANGE 4 WEST, NMPM

Section 14 : NW/4

Section 24 : All

TOWNSHIP 27 NORTH, RANGE 5 WEST, NMPM

Section 34 : NW/4

TOWNSHIP 27 NORTH, RANGE 6 WEST, NMPM

Section 8 : SE/4

TOWNSHIP 28 NORTH, RANGE 6 WEST, NMPM

Section 25 : SE/4

Section 36 : E/2

TOWNSHIP 28 NORTH, RANGE 7 WEST, NMPM

Section 19 : W/2

Section 30 : NW/4

Exhibit "o", page two

TOWNSHIP 28 NORTH, RANGE 8 WEST, NMPM

Section 11 : E/2
Section 12 : All
Section 13 : All
Section 14 : NE/4
Section 24 : NE/4

Based on:

Southland Royalty Company E-31-23N-1W AOF 917 MCFPD, SICP 697#	Huber #1
Merrion and Bayless O-24-23N-2W IP 770 MCFPD, SICP 813#	Badland Flats #2
Jerome P. McHugh E-1/-24N-2W AOF 589 MCFPD, SICP 822#	Di's Delight #1
Jerome P. McHugh L-17-24N-2W AOF 2098 MCFPD, SICP 955#	JoAnn's Jewel #2
Merrion and Bayless A-22-24N-2W AOF 561 MCFPD, SICP 350#	East Lindrith #1
El Paso Natural Gas Company O-3-24N-3W IP No Flow, SICP 905#	Lindrith Unit #101
Odessa Natural Corporation A-33-24N-3W AOF 1502 MCFPD, SICP 1000#	Shipley #3
Cotton Petroleum Corporation C-14-24N-4W AOF 994 MCFPD, SICP 840#	Apache #29
Cotton Petroleum Corporation A-24-24N-4W IP No Flow, SICP 851#	Apache #25
Cotton Petroleum Corporation I-24-24N-4W AOF 472 MCFPD, SICP 689#	Apache #27
Cotton Petroleum Corporation K-24-24N-4W AOF 3643 MCFPD, SICP 938#	Apache #28

Exhibit "o", page three

El Paso Natural Gas Company E-34-27N-5W AOF 839 MCFPD, SICP 808#	San Juan 27-5 #56A
El Paso Natural Gas Company O-8-27N-6W AOF 2361 MCFPD, SICP 1060#	San Juan 28-6 Unit #22A
El Paso Natural Gas Company P-25-28N-6W AOF 903 MCFPD, SICP 608#	San Juan 28-6 Unit #10A
El Paso Natural Gas Company C-19-28N-7W AOF 1478 MCFPD, SICP 870#	San Juan 28-7 Unit #32A
El Paso Natural Gas Company E-30-28N-7W AOF 1130 MCFPD, SICP 865#	San Juan 28-7 Unit #94A
El Paso Natural Gas Company O-11-28N-8W AOF 1400 MCFPD, SICP 663#	Jones A #2A
El Paso Natural Gas Company O-12-28N-8W AOF 1234 MCFPD, SICP 481#	Hardie D #1A
El Paso Natural Gas Company C-13-28N-8W AOF 733 MCFPD, SICP 604#	Jones A #5A
El Paso Natural Gas Company J-13-28N-8W AOF 1094 MCFPD, SICP 623#	Jones A #4A
El Paso Natural Gas Company H-24-28N-8W AOF 903 MCFPD, SICP 608#	Russell #12

Case: 7446

- (p) That the Bloomfield Chacra Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM

Sections 15 & 16 : All

Section 17 : SE/4

Section 22 : NW/4

TOWNSHIP 29 NORTH, RANGE 11 WEST, NMPM

Section 14 : W/2

Section 15 : E/2

Section 22 : E/2

Section 23 : W/2

Section 25 : N/2

Section 26 : W/2

Section 27 : NE/4 and S/2

Section 34 : All

Section 35 : W/2 and SE/4

Based on:

Supron Energy Corp.

M-7-28N-10W

AOF 1242 MCFPD, SICP 1050#

Angel Peak #22

Supron Energy Corp.

N-10-28N-10W

AOF 524 MCFPD, SICP 1029#

Zachry #24

Supron Energy Corp.

M-11-28N-10W

AOF 3238 MCFPD, SICP 1036#

Zachry #25

Supron Energy Corp.

O-11-28N-10W

IP 2708 MCFPD, SICP 918#

Zachry #18E

Supron Energy Corp.

N-12-28N-10W

AOF 3235 MCFPD, SICP 1011#

Zachry #26

Supron Energy Corporation

O-12-28N-10W

AOF 3843 MCFPD, SICP 856#

Zachry #19E

Southland Royalty Co.

O-15-28N-10W

AOF 682 MCFPD, SICP 1000#

Cain #11E

Exhibit "p", page two

Southland Royalty Co.
O-16-28N-10W
AOF 446 MCFPD, SICP 972#

Cain Com #12E

Supron Energy Corp.
B-13-28N-11W
AOF 753 MCFPD, SICP 1038#

Angel Peak B #30

Supron Energy Corp.
E-22-29N-10W
AOF 2021 MCFPD, SICP 992#

Albright #2J

Supron Energy Corp.
G-31-29N-10W
AOF 3170 MCFPD, SICP 1055#

Wilson #2

Supron Energy Corp.
B-33-29N-10W
AOF 1113 MCFPD, SICP 1026#

Zachry #22

Supron Energy Corp.
N-33-29N-10W
AOF 2232 MCFPD, SICP 1052#

Zachry #20

Supron Energy Corporation
M-34-29N-10W
AOF 1774 MCFPD, SICP 1032#

Zachry #23

Supron Energy Corp.
K-35-29N-10W
AOF 2404 MCFPD, SICP 1066#

Zachry #21

Amoco Production Co.
J-15-29N-11W
AOF 3501 MCFPD, SICP 1022#

Cooper Gas Com #1E

Southland Royalty Co.
E-20-29N-11W
AOF 2040 MCFPD, SICP 950#

Cozzens C #1E

Tenneco Oil Co.
R-25-29N-11W
AOF 3990 MCFPD, SICP 980#

Eaton A #1E

Amoco Production Co.
H-27-29N-11W
AOF 2472 MCFPD, SICP 917#

Davis Gas Com #1E

Supron Energy Corp.
M-27-29N-11W
AOF 3054 MCFPD, SICP 1031

Garland #3

Exhibit "p", page three

Southland Royalty Co.
A-29-29N-11W
IP No Flow SICP 948#

Mangum #5E

Supron Energy Corp.
P-33-29N-11W
IP 2251 MCFPD, SICP 840#

Witt #1E

Supron Energy Corp.
A-34-29N-11W
AOF 2189 MCFPD, SICP 1026#

Summit #9

Supron Energy Corp.
K-34-29N-11W
AOF 1557 MCFPD, SICP 1019#

Summit #11

Supron Energy Corporation
N-35-29N-11W
AOF 1763 MCFPD, SICP 938#

Congress #10

Case: 7446

- (q) That the Cha Cha Gallup Oil Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 29 NORTH, RANGE 15 WEST, NMPM

Section 11 : E/2

Section 12 : S/2 and NW/4

Section 14 : N/2

Based on:

S and I Oil Company
H-11-29N-15W
IP 112 BO/D

TRS-EVI #1

S and I Oil Company
I-12-29N-15W
IP 52 BO/D

Bob Blanche #1

Caribou Four Corners Inc.
J-12-29N-15W
IP 24 BO/D

Kirtland #5

S and I Oil Company
P-12-29N-15W
IP 85 BO/D

Barbara #1

Caribou Four Corners Inc.
C-13-29N-15W
IP Pump 336 BO/D

Kirtland #6

Caribou Four Corners Inc.
D-13-29N-15W
IP Pump 150 BO/D

Kirtland #7

Case: 7446

(r) That the Chacon Dakota Associated Oil Pool in Rio Arriba and Sandoval Counties, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 22 NORTH, RANGE 3 WEST, NMPM

Section 1 : W/2

Section 2 : E/2

TOWNSHIP 23 NORTH, RANGE 3 WEST, NMPM

Section 3 : NE/4

Section 11 : NW/4

Section 23 : SE/4

Section 35 : SE/4

TOWNSHIP 24 NORTH, RANGE 3 WEST, NMPM

Section 16 : SW/4

Section 17 : SE/4

Section 21 : All

Section 22 : SW/4

Section 27 : W/2 and SE/4

Section 28 : E/2

Section 34 : E/2

Based on:

Merrion and Bayless
D-1-22N-3W
IP 184 BO/D

Bonanza #3

Merrion and Bayless
L-1-22N-3W
IP 356 BO/D

Bonanza #2

Jack A. Cole
B-2-22N-3W
IP 70 BO/D

Chacon Amigos #1

Jack A. Cole
I-2-22N-3W
IP 120 BO/D

Chacon Amigos #2

Dave M. Thomas Jr.
D-11-23N-3W
IP 80 BO/D

Amerada Jicarilla #2

Dave M. Thomas Jr.
O-23-23N-3W
IP 190 BO/D

Chacon Jic Apache D #9

Exhibit "r", page two

The Superior Oil Company
I-35-23N-3W
IP 150 BO/D

Jicarilla 55 #2

Mobil Producing Texas and
New Mexico Inc.
M-15-24N-3W
IP 120 BO/D

Lindrith B Unit #11

Reading and Bates Petroleum Co.
O-17-24N-3W
IP 144 BO/D

Federal 17 #1

Mobil Producing Texas and
New Mexico Inc.
A-21-24N-3W
IP 350 BO/D

Lindrith B Unit #16

Mobil Producing Texas and
New Mexico Inc.
E-21-24N-3W
IP 198 BO/D

Lindrith B Unit #5

Mobil Producing Texas and
New Mexico Inc.
M-21-24N-3W
IP 230 BO/D

Lindrith B Unit #3

Mobil Producing Texas and
New Mexico Inc.
O-21-24N-3W
IP 410 BO/D

Lindrith B Unit #15

Mobil Producing Texas and
New Mexico Inc.
M-22-24N-3W
IP Pump 50 BO/D

Lindrith B Unit #12

Mobil Producing Texas and
New Mexico Inc.
M-27-24N-3W
IP 115 BO/D

Lindrith B Unit #8

Mobil Producing Texas and
New Mexico Inc.
O-27-24N-3W
IP 25 BO/D

Lindrith B Unit #9

Mobil Producing Texas and
New Mexico Inc.
G-28-24N-3W
IP 125 BO/D

Lindrith B Unit #7

Exhibit "r", page three

Mobil Producing Texas and
New Mexico Inc.
O-28-24N-3W
IP 82 BO/D

Lindrith B Unit #6

Mobil Producing Texas and
New Mexico Inc.
G-34-24N-3W
IP 50 BO/D

Lindrith B Unit #4

Mobil Producing Texas and
New Mexico Inc.
J-34-24N-3W
IP Pump 50 BO/D

Lindrith B Unit #10

Case: 7446

- (s) That the Escrito Gallup Oil Pool in Rio Arriba County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 24 NORTH, RANGE 7 WEST, NMPM

Section 28 : S/2 NE/4

Section 35 : W/2 NW/4

Based on:

Grace Petroleum Corporation

Connie 28 #1

H-28-24N-7W

IP Pump 8 BO/D

Grace Petroleum Corporation

Grace Federal 35 #1

O-35-24N-7W

IP 4 BO/D

Case: 7446

- (t) That the Flora Vista Fruitland Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 30 NORTH, RANGE 12 WEST, NMPM
Section 3 : W/2

TOWNSHIP 31 NORTH, RANGE 12 WEST, NMPM
Section 34 : W/2

Based on:

Southland Royalty Co.
F-34-31N-12W
AOF 814 MCFPD,

Thompson #7A

SICP 777#

Case: 7446

- (u) That the Flora Vista Gallup Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 30 NORTH, RANGE 12 WEST, NMPM

Section 1 : SW/4

Section 2 : SE/4

Based on:

Tom Bolack

M-1-30N-12W

IP 210 MCFPD,

Tommy Bolack #1

SICP 642#

Consolidated Oil and Gas Co.

P-2-30N-12W

IP 464 MCFPD,

Clayton #1E

SICP 630#

Case: 7446

- (v) That the Fulcher Kutz Pictured Cliffs Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 28 NORTH, RANGE 11 WEST, NMPM
Section 16 : W/2

Based on:

Flag-Redfern
D-16-28N-11W
AOF 207 MCFPD,

Aloha #2

SICP 544#

Flag-Redfern
L-16-28N-11W
AOF 329 MCFPD,

Aloha #1

SICP 482#

Case: 7446

(w) That the Gallegos Gallup Oil Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM
Section 23 : E/2 NE/4

Based on:

Tenneco Oil Co.
A-23-26N-12W
IP Pump 70 BO/D

Navajo Yazza #1

Case: 7446

- (x) That the Gavilan-Pictured Cliffs Gas Pool in Rio Arriba County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 24 NORTH, RANGE 1 WEST, NMPM
Section 6 : SW/4

TOWNSHIP 25 NORTH, RANGE 2 WEST, NMPM
Section 9 : NW/4

Based on:

Dugan Production Corporation Eureka #1
K-6-24N-1W
AOF 267 MCFPD, SICP 523#

Dugan Production Corporation McDug #1
C-9-25N-2W
aof 311 MCFPD, SICP 781#

Case: 7446

(y) That the Gobernador Pictured Cliffs Gas Pool in Rio Arriba County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 30 NORTH, RANGE 5 WEST, NMPM
Section 31 : SE/4

Based on:

Northwest Pipeline Corporation San Juan 30-5 Unit #64
J-31-30N-5W
AOF 901 MCFPD, SICP 1236#

Case: 7446

(z) That the Gonzales Mesa Verde Gas Pool in Rio Arriba County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM

Section 30 : SE/4

Section 31 : NE/4

Based on:

Amoco Production Company Jicarilla Contract 155 #25
O-30-26N-5W
AOF 1407 MCFPD, SICP 820#

Case: 7446

(aa) That the West Kutz Fruitland Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 29 NORTH, RANGE 12 WEST, NMPM
Section 19 : S/2

Based on:

Energy Reserves Group

Gallegos Canyon Unit #306

I-19-29N-12W

IP 337 MCFPD,

SICP 125#

Case: 7446

(bb) That the Kutz Gallup Oil Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 27 NORTH, RANGE 11 WEST, NMPM
Section 4 : NW/4 NE/4

Based on:

Southland Royalty Co.
G-4-27N-11W
TP 120 RO/D

Frontier E #1E

Case: 7446

(cc) That the West Kutz Pictured Cliffs Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 27 NORTH, RANGE 11 WEST, NMPM
Section 32 : NE/4

TOWNSHIP 27 NORTH, RANGE 12 WEST, NMPM
Section 9 : W/2
Section 16 : NW/4

TOWNSHIP 29 NORTH, RANGE 12 WEST, NMPM
Section 20 : SE/4

TOWNSHIP 29 NORTH, RANGE 13 WEST, NMPM
Section 18 : SW/4
Section 19 : N/2

TOWNSHIP 29 NORTH, RANGE 14 WEST, NMPM
Section 13 : All
Section 24 : N/2

Based on:

Depco Inc. Mudge A #11
A-32-27N-11W
IP 910 MCFPD, SICP 259#

John R. Knott STP State #1
C-16-27N-12W
AOF 2542 MCFPD, SICP 420#

Energy Reserves Group, Inc. Gallegos Canyon
I-20-29N-12W Unit #301
IP 450 MCFPD, SICP 150#

Merrion and Bayless Navajo Tribal H #15
A-13-29N-14W
IP 961 MCFPD, SICP

Merrion and Bayless Navajo Tribal H #4
C-24-29N-14W
IP 557 MCFPD SICP

Case: 7446

(dd) That the South Lindrith Gallup-Dakota Oil Pool in Rio Arriba County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 24 NORTH, RANGE 4 WEST, NMPM
Section 27 : N/2 S/2

Based on:

Chace Oil Company
I-27-24N-4W
IP 9 BO/D

Jicarilla 70 #7

Case: 7446

(ee) That the West Lindrith Gallup-Dakota Oil Pool in Rio Arriba County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 24 NORTH, RANGE 3 WEST, NMPM

Section 7 : N/2

Section 8 : W/2

Section 17 : NE/4

TOWNSHIP 24 NORTH, RANGE 4 WEST, NMPM

Section 4 : All

Section 8 : S/2

Section 10 : NW/4 and SE/4

Section 14 : NW/4

Section 15 : NE/4

Section 25 : SE/4

TOWNSHIP 25 NORTH, RANGE 4 WEST, NMPM

Section 13 : SW/4

Section 21 : NW/4

Section 23 : E/2

Section 24 : N/2

Section 26 : E/2

Section 31 : W/2

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM

Section 35 : SE/4

Section 36 : S/2

Based on:

Mobil Producing Texas
and New Mexico
G-7-24N-3W
IP 40 BO/D

Jillson Federal #3

Mobil Producing Texas
and New Mexico
E-8-24N-3W
IP 35 BO/D

Jillson Federal #4

Mobil Producing Texas
and New Mexico
M-8-24N-3W
IP 28 BO/D

W. O. Hughes #5

Reading and Bates Petroleum
G-17-24N-3W
IP 200 BO/D

Federal 17 #2

Exhibit "ee", page two

Cotton Petroleum Corp. Apache #123
A-4-24N-4W
IP 174 BO/D

Cotton Petroleum Corp. Apache #131
C-4-24N-4W
IP 40 BO/D

Cotton Petroleum Corp. Apache #124
I-4-24N-4W
IP 80 BO/D

Cotton Petroleum Corp. Apache #132
K-4-24N-4W
IP 30 BO/D

Arco Oil and Gas Company Jicarilla #115
I-8-24N-4W
IP 58 BO/D

Arco Oil and Gas Company Jicarilla #106
K-8-24N-4W
IP 57 BO/D

Cotton Petroleum Corp. Apache #125
C-10-24N-4W
IP 100 BO/D

Cotton Petroleum Corp. Apache #126
P-10-24N-4W
IP 55 BO/D

Amoco Production Company Jic. Tribe 363A #1
A-15-24N-4W
IP 30 BO/D

Southland Royalty Company Media Canyon #5
I-25-24N-4W
IP 142 BO/D

Amoco Production Company Jic. Apache Tribal
M-13-25N-4W 124 #7
IP Pump 72 BO/D

Conoco Incorporated Jicarilla 22 #10
D-21-25N-4W
IP Pump 6 BO/D

Amoco Production Company Jic. Apache Tribal
H-23-25N-4W 124 #5
IP Pump 65 BO/D

Exhibit "ee", page three

Amoco Production Company
J-23-25N-4W
IP 100 BO/D

Jic. Apache
Tribal 124 #4

Amoco Production Company
B-24-25N-4W
IP Pump 230 BO/D

Jic. Apache
124 #6

Amoco Production Company
E-24-25N-4W
IP Pump 88 BO/D

Jic. Apache
Tribal 124 #9

Energy Reserves Group, Inc.
I-35-25N-5W
IP 10 BO/D

Jic. 35 #12

Energy Reserves Group, Inc.
N-36-25N-5W
IP 83 BO/D

Jic. 35 #13

Case: 7446

(ff) That the South Los Pinos Fruitland-Pictured Cliffs Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 32 NORTH, RANGE 7 WEST, NMPM

Section 25 : S/2

Section 32 : SE/4

Section 33 : NE/4

Based on:

Southland Royalty Company

J-25-32N-7W

AOF 680 MCFPD,

SICP 1168#

Burnt Mesa #1A

Northwest Pipeline Corporation

P-32-32N-7W

AOF 1968 MCFPD,

SICP 1426#

San Juan 32-7 Unit #52

Northwest Pipeline Corporation

H-33-32N-7W

AOF 12568 MCFPD,

SICP 1491#

San Juan 32-7 Unit #72

Case: 7446

(gg) That the Lybrook Gallup Oil Pool in Sandoval, San Juan, and Rio Arriba Counties, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 23 NORTH, RANGE 6 WEST, NMPM

~~Section 6~~ : E/2 SW/4

Section 7 : NE/4 NW/4

TOWNSHIP 23 NORTH, RANGE 7 WEST, NMPM

Section 1 : W/2 SW/4 and SW/4 NW/4

Section 6 : NW/4 and W/2 NE/4 and SE/4 NE/4

Section 8 : NE/4 and N/2 SE/4

Section 12 : NW/4 NW/4

Section 14 : W/2

Section 15 : N/2 NE/4

TOWNSHIP 24 NORTH, RANGE 7 WEST, NMPM

Section 29 : SW/4 SE/4

Section 30 : S/2 S/2

Section 31 : All

Section 32 : W/2 E/2

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPM

Section 23 : S/2 S/2

Section 25 : W/2 NW/4 and SW/4 and S/2 SE/4

Section 26 : E/2 NE/4

Section 36 : All

Based on:

Grace Petroleum Corporation
K-6-23N-6W
IP Pump 9 BO/D

Grace Federal G #1

Grace Petroleum Corporation
E-1-23N-7W
IP 25 BO/D

Grace Federal 1 #1

Mesa Petroleum Company
B-6-23N-7W
IP Pump 110 BO/D

South Blanco 6 #2

Dietrich Exploration
F-6-23N-7W
IP Pump 17 BO/D

Federal 6 #22

Mesa Petroleum Company
H-6-23N-7W
IP Pump 80 BO/D

South Blanco Fed. 6 #3

Exhibit "gg", page two

Mesa Petroleum Company
A-8-23N-7W
IP Pump 70 BO/D

South Blanco Navajo #84

Dietrich Exploration
I-8-23N-7W
IP Pump 13 BO/D

E-Ton-N-Gab #43

Grace Petroleum Corporation
D-12-23N-7W
IP Pump 14 BO/D

Grace Federal 12 #1

Grace Petroleum Corporation
E-14-23N-7W
IP Pump 21 BO/D

Nancy B #2

Grace Petroleum Corporation
O-29-24N-7W
IP Pump 10 BO/D

Connie 29 #1

Mesa Petroleum Company
G-31-24N-7W
IP Pump 60 BO/D

South Blanco 31 #1

Mesa Petroleum Company
K-25-24N-8W
IP Pump 60 BO/D

South Blanco 25 #1

Mesa Petroleum Company
A-36-24N-8W
IP Pump 85 BO/D

South Blanco 36 #1

Case: 7446

(hh) That the Miguel Creek Gallup Oil Pool in McKinley County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 16 NORTH, RANGE 6 WEST, NMPM

Section 20 : E/2 SE/4

Section 28 : NW/4 NW/4

Section 29 : E/2 NE/4 and NW/4 NE/4

Based on:

Zenith Energy Corporation
I-20-16N-6W
IP Pump 25 BO/D

SFPRR #29

Zenith Energy Corporation
P-20-16N-6W
IP Pump 21 BO/D

SFPRR #27

Zenith Energy Corporation
D-28-16N-6W
IP Pump 31 BO/D

SFPRR #31

Zenith Energy Corporation
A-29-16N-6W
IP 20 BO/D

SFPRR #23

Zenith Energy Corporation
B-29-16N-6W
IP Pump 8 BO/D

SFPRR #32

Zenith Energy Corporation
H-29-16N-6W
IP 6 BO/D

SFPRR #21

Case: 7446

- (ii) That the Nageezi Gallup Oil Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 23 NORTH, RANGE 8 WEST, NMPM

Section 5 : W/2

Section 6 : N/2

Section 8 : NE/4

Section 9 : W/2 and NE/4

Section 16 : NW/4

TOWNSHIP 24 NORTH, RANGE 8 WEST, NMPM

Section 32 : All

Based on:

Kenai Oil and Gas Incorporated Union Navajo Allotted 5 #21
C-5-23N-8W
IP 8 BO/D

Kenai Oil and Gas Incorporated Kenai 9 #31
R-9-23N-8W
IP Pump 30 BO/D

Kenai Oil and Gas Incorporated N. M. State #2
M-32-24N-8W
IP 8 BO/D

Case: 7446

(jj) That the Otero Chacra Gas Pool in Rio Arriba County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM
Section 4 : N/2

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM
Section 28 : W/2
Sections 29 & 30 : All
Section 32 : NW/4 and E/2
Section 33 : W/2 and SE/4

TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM
Section 22 : NE/4

TOWNSHIP 26 NORTH, RANGE 7 WEST, NMPM
Section 5 : NE/4
Section 9 : All
Section 10 : SW/4

Based on:

Amoco Production Co. C-29-26N-5W AOF 1392 MCFPD,	Jic. Contract 155 #20E SICP 935#
Amoco Production Co. J-29-26N-5W AOF 1244 MCFPD,	Jic. Contract 155 #19E SICP 968#
Amoco Production Co. G-30-26N-5W IP 1005 MCFPD,	Jic. Contract 155 #16E SICP 751#
Amoco Production Company L-30-26N-5W IP 1539 MCFPD,	Jic. Contract 155 #13E SICP 880#
Amoco Production Co. O-30-26N-5W AOF 823 MCFPD,	Jic. Contract 155 #25 SICP 856#
Caulkins Oil Company A-22-26N-6W AOF 1628 MCFPD,	Breech D #346 SICP 827#
Depco Incorporated B-5-26N-7W AOF 1020 MCFPD,	Burns Federal #2 SICP 1004#
Bolin Oil Company M-9-26N-7W AOF 347 MCFPD,	Canado #24 SICP 1098#

Case: 7446

(kk) That the Otero Gallup Oil Pool in Rio Arriba County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 24 NORTH, RANGE 5 WEST, NMPM

Section 1 : W/2 NW/4 and SE/4 NW/4

Section 2 : N/2 NE/4

Based on:

Energy Reserves Group, Inc. Jicarilla 35 #7
F-1-24N-5W
IP 10 BOD

Case: 7446

- (11) That the Pajarito Pennsylvanian D Oil Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 29 NORTH, RANGE 17 WEST, NMPM
Section 31 : NW/4 NE/4

Based on:

Vista Resources Inc.
B-31-29N-17W
IP 10 BO/D

Navajo Tract 20-31 #31

Case: 7446

(mm) That the Pinon Fruitland Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 28 NORTH, RANGE 11 WEST, NMPM

Section 16 : W/2

Section 17 : E/2

Based on:

Flag-Redfern
D-16-28N-11W
AOF 160 MCFPD,

Aloha #2

SICP 535#

Flag-Redfern
L-16-28N-11W
AOF 2255 MCFPD,

Aloha #1

SICP 753#

Case: 7446

(nn) That the North Pinon Fruitland Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 29 NORTH, RANGE 12 WEST, NMPM
Section 33 : W/2

Based on:

Energy Reserves Group
N-33-29N-12W
IP 802 MCFPD,

Gallegos Canyon Unit #328
SICP 75#

Case: 7446

(oo) That the Rusty Chacra Gas Pool in Sandoval County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 21 NORTH, RANGE 6 WEST, NMPM

Section 4 : SW/4

Section 5 : S/2 and NW/4

Section 6 : All

Section 7 : NW/4

Section 9 : W/2

TOWNSHIP 22 NORTH, RANGE 6 WEST, NMPM

Section 17 : SW/4

Section 18 : NW/4 and SE/4

Section 20 : N/W/4 and SE/4

Section 27 : SW/4

Section 28 : S/2

Section 29 : S/2

Section 30 : NW/4 and SE/4

Section 31 : E/2

Section 32 : W/2 and NE/4

Section 34 : N/2

Section 35 : N/2 and SE/4

Section 36 : SW/4

TOWNSHIP 22 NORTH, RANGE 7 WEST, NMPM

Section 10 : N/2

Section 11 : NW/4

Section 12 : SW/4

Section 17 : S/2

Section 27 : S/2 and NW/4

Section 28 : E/2

Section 34 : NE/4

Based on:

Jack A. Cole
M-4-21N-6W
AOF 276 MCFPD,

Alamos Canyon #1

SICP 450#

Jack A. Cole
F-6-21N-6W
AOF 793 MCFPD,

Alamos Canyon #9

SICP 425#

Jack A. Cole
P-6-21N-6W
IP 1025 MCFPD,

Alamos Canyon #6

SICP 475#

Jack A. Cole
C-7-21N-6W
IP 880 MCFPD

Alamos Canyon #7

SICP 400#

Exhibit "oo", page two

Jack A. Cole C-9-21N-6W AOF 475 MCFPD,	Alamos Canyon #10 SICP 425#
Benson Mineral Group, Inc. M-17-22N-6W AOF 21 MCFPD,	Federal 17-22-6 #1 SICP 410#
Dome Petroleum Corp. E-18-22N-6W IP 418 MCFPD,	Dome Federal 18-22-6 #3 SICP 240#
Dome Petroleum Corp. O-18-22N-6W IP 329 MCFPD,	Dome Navajo 18-22-6 #2 SICP 488#
Dome Petroleum Corp. E-20-22N-6W IP 633 MCFPD,	Dome Federal 20-22-6 #3 SICP 480#
Dome Petroleum Corp. P-20-22N-6W IP 1050 MCFPD,	Dome Federal 20-22-6 #2 SICP 426#
Dome Petroleum Corp. M-27-22N-6W IP 684 MCFPD,	Dome Federal 27-22-6 #1 SICP 454#
Dome Petroleum Corp. I-28-22N-6W IP 918 MCFPD,	Dome Navajo 28-22-6 #2 SICP 463#
Dome Petroleum Corp. K-28-22N-6W IP 1429 MCFPD,	Dome Navajo 28-22-6 #4 SICP 483#
Benson Minerals Group, Inc. I-29-22N-6W AOF 1205 MCFPD,	Federal 29-22-6 #1 SICP 475#
Dome Petroleum Corp. K-29-22N-6W IP 960 MCFPD,	Dome Federal 29-22-6 #2 SICP 446#
Benson Minerals Group, Inc. J-31-22N-6W AOF 267 MCFPD,	Federal 31-22-6 #1 SICP 435#
Dome Petroleum Corp. A-32-22N-6W IP 1819 MCFPD,	Dome State 32-22-6 #2 SICP 430#

Exhibit "oo", page three

Dome Petroleum Corp. C-34-22N-6W IP 1123 MCFPD,	Dome Navajo 34-22-6 #1 SICP 412#
Dome Petroleum Corp. F-35-22N-6W IP 136 MCFPD,	Dome Navajo 35-22-6 #1 SICP 432#
Benson Minerals Group, Inc. M-36-22N-6W AOF 1004 MCFPD,	State 36-22-6 #1 SICP 480#
Beard Oil Company D-10-22N-7W	Chacra #1 SICP 400#
Dome Petroleum Corp. H-10-22N-7W IP 733 MCFPD,	Dome Federal 10-22-7 #1 SICP 464#
Chace Oil Company M-12-22N-7W AOF 227 MCFPD,	Gulf Navajo #2 SICP 181#
Dome Petroleum Corp. K-17-22N-7W IP 133 MCFPD,	Dome Navajo 17-22-7 #2 SICP 355#
Dome Petroleum Corp. I-28-22N-7W IP 24 MCFPD,	Dome Navajo 28-22-7 #2 SICP 345#
Dome Petroleum Corp. B-34-22N-7W IP 26 MCFPD,	Dome Federal 34-22-7 #1 SICP 462#

Case: 7446

(pp) That the Tapacito Pictured Cliffs Gas Pool in Rio Arriba County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 27 NORTH, RANGE 4 WEST, NMPM

Section 5 : SW/4
Section 6 : SE/4
Section 9 : SW/4
Section 16 : N/2 and SE/4

TOWNSHIP 27 NORTH, RANGE 5 WEST, NMPM

Section 3 : All
Section 4 : E/2 and NW/4
Section 5 : NE/4
Section 9 : NE/4
Section 10 : N/2

TOWNSHIP 28 NORTH, RANGE 5 WEST, NMPM

Section 31 : NW/4
Section 32 : S/2

Based on:

El Paso Natural Gas Co. I-6-27N-4W AOF 308 MCFPD,	San Juan 27-4 Unit #15A SICP 1070#
El Paso Natural Gas Co. N-9-27N-4W AOF 3372 MCFPD,	San Juan 27-4 Unit #134 SICP 1097#
El Paso Natural Gas Co. C-16-27N-4W AOF 2974 MCFPD,	San Juan 27-4 Unit #99A SICP 1040#
El Paso Natural Gas Co. O-16-27N-4W AOF 2666 MCFPD,	San Juan 27-4 Unit #138 SICP 1047#
El Paso Natural Gas Co. F-3-25N-5W AOF 645 MCFPD,	San Juan 27-5 Unit #25A SICP 1070#
El Paso Natural Gas Co. I-3-27N-5W IP 1756 MCFPD,	San Juan 27-5 Unit #21A SICP 1080#
El Paso Natural Gas Co. E-4-27N-5W AOF 645 MCFPD,	San Juan 27-5 Unit #52A SICP 1070#

Exhibit "pp", page two

El Paso Natural Gas Co.
C-31-28N-5W
AOF 857 MCFPD,

San Juan 28-5 Unit #51A

SICP 1052#

El Paso Natural Gas Co.
O-32-28N-5W
AOF 198 MCFPD,

San Juan 28-5 Unit #38A

SICP 988#

Case: 7446

(qq) That the Ute Dome Dakota Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 32 NORTH, RANGE 14 WEST, NMPM

Section 26 : SE/4

Section 34 : NE/4

Based on:

Amoco Production Co.

O-26-32N-14W

AOF 3094 MCFPD,

Ute Indians A #19

SICP 662#

Amoco Production Co.

A-34-32N-14W

IP 541 MCFPD,

Ute Indians A #21

SICP 712#

Case: 7446

(rr) That the WAW Fruitland Pictured Cliffs Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM

Section 25 : S/2

Section 26 : SE/4

TOWNSHIP 26 NORTH, RANGE 13 WEST, NMPM

Section 4 : SE/4

Section 10 : S/2

TOWNSHIP 27 NORTH, RANGE 12 WEST, NMPM

Section 30 : NW/4

TOWNSHIP 27 NORTH, RANGE 13 WEST, NMPM

Section 4 : SW/4

Section 5 : S/2

Section 7 : NE/4

Section 8 : All

Section 9 : W/2 and SE/4

Section 16 : N/2

Section 17 : NE/4

Based on:

Dome Petroleum Corp.
J-4-26N-13W
IP 253 MCFPD,

Ross Federal 4-26-13 #2

SICP 195#

Merrion and Bayless
I-10-26N-13W
IP 245 MCFPD,

Chaco #13

SICP 215#

Merrion and Bayless
K-10-26N-13W
IP 80 MCFPD,

Chaco #14

SICP 215#

Billy J. Knott
F-30-27N-12W
AOF 96 MCFPD,

JK #1

SITP 213#

Dugan Production Corp.
N-4-27N-13W
AOF 198 MCFPD,

Piney #1

SICP 287#

Jerome P. McHugh
L-5-27N-13W
AOF 151 MCFPD,

Wayout #1

SICP 271#

Exhibit "rr", page two

Dome Petroleum Corp.
G-7-27N-13W
IP 105 MCFPD,

Dome Federal 7-27-13 #3

SICP 246#

Bixco Incorporated
A-8-27N-13W
AOF 82 MCFPD,

Gass #1

SICP 249#

Bixco Incorporated
O-8-27N-13W
AOF 340 MCFPD,

Gass #2

SICP 249#

Dome Petroleum Corp.
M-8-27N-13W
IP 212 MCFPD,

Dome Federal 8-27-13 #1

SICP 225#

Bixco Incorporated
C-8-27N-13W
AOF 191 MCFPD,

Campbell #1

SICP 278#

Dome Petroleum Corp.
G-17-27N-13W
IP 136 MCFPD,

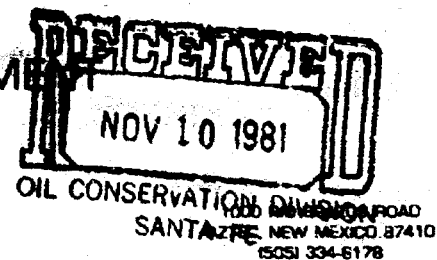
Dome Federal 17-27-13 #4

SICP 240#



BRUCE KING
GOVERNOR
LARRY KEHOE
SECRETARY

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE



November 9, 1981

Case 7446

Mr. Perry Pearce
Oil Conservation Division
P. O. Box 2088
Santa Fe NM 87501

Re: Northwest Nomenclature Case December 1981

Dear Perry:

Our nomenclature case involves the following:

A. Abolish a gas pool in San Juan County for Pictured Cliffs production, known as the South Gallegos Pictured Cliffs Gas Pool.

B. Contract a gas pool in San Juan County for Fruitland production, known as the South Gallegos Fruitland Gas Pool, by deleting:

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM

Section 24 : SE/4

Section 25 : E/2

C. Contract an oil pool in Rio Arriba County for Gallup production, known as the Otero Gallup Oil Pool, by deleting:

TOWNSHIP 25 NORTH, RANGE 4 WEST, NMPM

Section 31 : NW/4

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM

Section 36 : W/2 SW/4

D. Extend the vertical limits of the South Gallegos Fruitland Gas Pool to include the Pictured Cliffs formation to redesignate the pool as the South Gallegos Fruitland-Pictured Cliffs Gas Pool.

E. Create a new gas pool in Rio Arriba County for Nacimiento production to be known as the Gavilan Nacimiento Gas Pool and described as follows:

Mr. Perry Pearce

Re: Northwest Nomenclature Case December 1981

November 9, 1981, Page two

TOWNSHIP 24 NORTH, RANGE 1 WEST, NMPM

Section 6 : SW/4

TOWNSHIP 24 NORTH, RANGE 2 WEST, NMPM

Section 1 : SE/4

Section 12 : N/2

The discovery well is the Kenai Oil & Gas Incorporated Federal 31 #12, located B-12-24N-2W, perforated 2380-2395, AOF 5819 MCFPD, SICP 552 psi, completed 2-2-80.

F. Redesignate an oil pool in San Juan County for Mississippian production as a gas pool to be known as the Beautiful Mountain Mississippian Gas Pool. ✓

G. Extend the pools listed below in the counties as shown:

McKinley County

Miguel Creek Gallup Oil Pool

Rio Arriba County

BS Mesa Gallup Gas Pool
Escrito Gallup Oil Pool
Gavilan Pictured Cliffs Gas Pool
Gobernador Pictured Cliffs Gas Pool
Gonzales Mesa Verde Gas Pool
South Lindrith Gallup-Dakota Oil Pool
West Lindrith Gallup-Dakota Oil Pool
Otero Chacra Gas Pool
Otero Gallup Oil Pool
Tapacito Pictured Cliffs Gas Pool

Sandoval County

Rusty Chacra Gas Pool

San Juan County

Aztec Fruitland Gas Pool
Aztec Pictured Cliffs Gas Pool
Beautiful Mountain Mississippian Gas Pool
Bisti Lower Gallup Oil Pool
Blanco Fruitland Gas Pool
Bloomfield Chacra Gas Pool
Cha Cha Gallup Oil Pool
Flora Vista Fruitland Gas Pool

Mr. Perry Pearce

Re: Northwest Nomenclature Case December 1981

November 9, 1981, Page three

Flora Vista Gallup Gas Pool
Fulcher Kutz Pictured Cliffs Gas Pool
Gallegos Gallup Oil Pool
South Gallegos Fruitland-Pictured Cliffs Gas Pool
West Kutz Fruitland Gas Pool
Kutz Gallup Oil Pool
West Kutz Pictured Cliffs Gas Pool
South Los Pinos Fruitland-Pictured Cliffs Gas Pool
Nageezi Gallup Oil Pool
Pajarito Pennsylvanian D Oil Pool
Pinon Fruitland Gas Pool
North Pinon Fruitland Gas Pool
Ute Dome Dakota Gas Pool
WAW Fruitland-Pictured Cliffs Gas Pool

Rio Arriba and Sandoval Counties

Chacon Dakota Associated Oil Pool

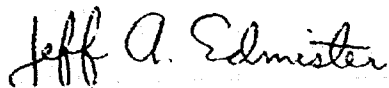
Rio Arriba and San Juan Counties

Blanco Mesa Verde Gas Pool

Rio Arriba, Sandoval, and San Juan Counties

Ballard Pictured Cliffs Gas Pool
Blanco Pictured Cliffs Gas Pool
South Blanco Pictured Cliffs Gas Pool
Lybrook Gallup Oil Pool

Yours truly,



Jeff A. Edmister

Geologist/Field Representative

JAE:gc

Entered into book

RS

R-6876