

CASE 5821: NORTHWESTERN NEW  
MEXICO NOMENCLATURE CASE FOR  
DECEMBER, 1976

CASE NO.

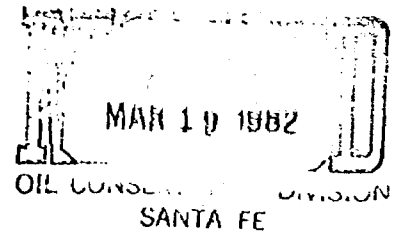
5821

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APPLICATION,  
TRANSCRIPTS,  
SMALL EXHIBITS,  
ETC.

APPLICATION FOR APPROVAL  
OF  
DEFINITION OF "MESAVERDE"  
AS USED IN DESIGNATION OF  
MESAVERDE PARTICIPATING AREA  
FOR

THE NORTHEAST BLANCO UNIT, I-SEC. NO. 929  
SAN JUAN AND RIO ARriba COUNTIES, NEW MEXICO  
AND IN SUBSEQUENT ENLARGEMENTS THEREOF



TO: The Director of The United States Geological Survey  
Roswell, New Mexico

Commissioner of Public Lands  
State of New Mexico  
Santa Fe, New Mexico

Oil Conservation Commission  
State of New Mexico  
Santa Fe, New Mexico

Pursuant to the provisions of Section 11 of the Unit Agreement approved by the Director of the Geological Survey on April 16, 1952, by the Commissioner of Public Lands of the State of New Mexico on October 23, 1951, and by the Oil Conservation Commission of the State of New Mexico on October 31, 1951, and pursuant to a resolution duly adopted by the Advisory Committee under the Unit Operating Agreement under Unit Agreement for the Development and Operation of the Northeast Blanco Unit Area, San Juan and Rio Arriba Counties, New Mexico, Blackwood & Nichols Company, as Unit Operator, hereby submits for your approval a definition of the term "Mesaverde" as used in the Application for Approval of Mesaverde Participating Area for the Northeast Blanco Unit, I-Sec. No. 929, San Juan and Rio Arriba Counties, New Mexico, and in subsequent enlargements thereof. In support of this Application, Operator states as follows:

1. The Application for Approval of Mesaverde Participating Area was approved by the Geological Survey on November 20, 1952. The original Participating Area was subsequently enlarged five times, with your approval, so that the Mesaverde Participating Area now covers the entire Unit Area. In the original Application and in subsequent enlargements, the term "Mesaverde" was used, and was sometimes followed by the term "zone," "formation," "horizon," "group," or the like, but was never otherwise defined.

Blackwood & Nichols  
Exhibit 1  
Case 5821

2. Pursuant to the Plan of Development for 1976, on June 26, 1976, the Unit Operator commenced drilling of its Northeast Blanco Well No. 64 located in the SE/4 of Section 24, Township 30 North, Range 8 West, Rio Arriba County, New Mexico. The well was drilled for the purpose of protecting against drainage from the traditional producing intervals; however, the Operator encountered gas production at a level above the traditional producing interval. The details of the drilling and completion of this well are set forth on Exhibit "A", "Geological and Engineering Memorandum." After the completion of the well, Tenneco Oil Company and Continental Oil Company, owners of the lease upon which this well was drilled, took the position that the production encountered in the well was not within the vertical limits of the Mesaverde Participating Area.

3. In view of the questions which had been raised concerning the vertical extent of the Participating Area, the Advisory Committee under the Unit Operating Agreement met on October 12, 1976, for purposes of considering the matter, and other Unit business, pursuant to the Advisory Committee's duty under Section 6 of the Unit Operating Agreement to approve or disapprove any Participating Area or amendments thereof. In that meeting, the Advisory Committee duly adopted the definition of "Mesaverde" set forth in the Geological and Engineering Memorandum. The Unit owners, and their respective interests, voting in favor of the adoption of the definition were as follows:

Amoco Production Company	.32975933
Blackwood & Nichols Co., Ltd.	.29805862
Jacquelyn M. Williams	.00260911
Westland Oil Development Corp.	.04940999
Total	<u>.67983705</u>

Those voting not to adopt the definition were as follows:

El Paso Natural Gas Company	.21199416
Tenneco Oil Company	.01440596
Continental Oil Company	.01440595
Total	<u>.24080607</u>

Mr. F. G. Blackwood was authorized by letter to represent the .00492448 Thayer H. Laurie and .00310743 T. H. Laurie and D. N. Mills, Tr. interests; although not present at the meeting due to illness has approved the definition of Mesaverde as presented by the Advisory Committee. This makes the total authorized approval .68786896.

Continental Oil Company has not yet furnished written authority for their .01440595 "no" vote. Therefore the authorized "no" vote is .22640012.



The definition therefore was adopted by the required affirmative vote of 65% of the voting power of the Advisory Committee, as provided in Section 5 of the Unit Operating Agreement.

4. The Geological and Engineering Memorandum discusses evidence that the accumulation found in the No. 64 Well is part of the same accumulation found in the traditional producing interval. The Memorandum also points out that the definition of Mesaverde adopted by the Advisory Committee is consistent with that term as used in geologic literature dating back to the creation of the Unit.

The Operator respectfully requests that the Director, the Commissioner and the Commission approve this Application.

DATED this 15th day of November, 1976.

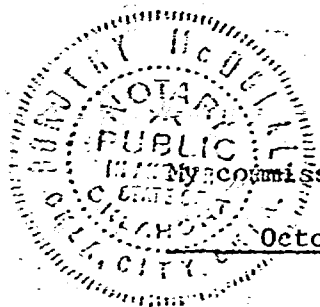
BLACKWOOD & NICHOLS COMPANY

By *F. G. Blackwood*  
General Partner

OPERATOR

STATE OF OKLAHOMA            )  
                                  ) ss  
COUNTY OF OKLAHOMA        )

Before me, the undersigned, a notary public in and for said County and State, on the 15th day of November, 1976, personally appeared F. G. Blackwood, General Partner of Blackwood & Nichols Company, a General Partnership, to me known to be the identical person who executed the within and foregoing instrument on behalf of the partnership.



*Anthony McDonald*  
Notary Public

EXHIBIT "A"  
NORTHEAST BLANCO UNIT, I-SEC. NO. 929  
SAN JUAN AND RIO ARriba COUNTIES, NEW MEXICO  
SIXTH ENLARGED PARTICIPATING AREA

GEOLOGICAL AND ENGINEERING MEMORANDUM

Northeast Blanco Well #64 (originally called 105A) was completed on July 10, 1976, with an open flow potential of 9,900 MCF per day. The well is located in the SE/4 of Section 24-T30N-R8W Rio Arriba County, New Mexico.

Well #64 (105A) is completed in open hole from 4,252' to 4,278' in a fractured sand and shale portion of the Mesaverde group above the top of the "Massive Sandstone Member" of the Cliff House sandstone. As the well was being drilled from 4,258' to 4,262' the well started making gas and the 4' interval was penetrated in two minutes. A copy of the Totco time vs. depth chart for this section is attached. The drill pipe was raised off bottom and the rams were closed. The shut in pressure rose to 550 psig in 15 minutes. The valve was opened allowing gas to flow up the drill pipe and the gas flow rate estimated by use of a pitot tube at 15,000 MCF per day. The valve was closed and an immediate shut in pressure of 550 psig was recorded.

The well was killed with 200 bbls of 35 vis. gel-water, and 4 1/2 K-55 10.5# ST & C casing was run to 4,252'.

A Lynes external casing to formation packer was set @ 4,119' and 50 sacks of class B cement with 2% CaCl<sub>2</sub> was pumped thru a stage collar at 4,085', plug down at 12:30 p.m. July 8, 1976. On July 10 the hole was drilled out and deepened to 4,278'. The well began blowing gas at 4,251' and upon reaching 4,278' (T.D.) was allowed to blow to clean up for 10 hrs. After nipping up the tree the tubing was perforated with 10, 3/8" holes from 4,240'-4,245'. A shut in csg. pressure of 640 psig and a shut in tbg pressure of 640 psig was recorded July 12, 1976 along with a AOF of 9,900 MCFPD. The well has been connected to El Paso Natural Gas Company's line and is shut in at present.

On August 9, 1976, Blackwood and Nichols filed Well Completion Forms (9-330) and Request for Allowable Forms (C-104). These forms were returned approved but with the Pool or Field name changed from Blanco Mesaverde to Chacra Undesignated Unit. However, the 4,252' to 4,278' interval in Well #64 (105A) does not correlate with any designated producing reservoir in the San Juan Basin. This interval is approximately 500' above the top of the "Massive Sandstone Member" of the Cliff House and 250' below the Chacra producing interval as recognized in the area.

We believe that any gas which might be produced from the #64 (105A) well would be gas which was originally in the Massive Cliff House or deeper beds and has migrated to a higher level in this very small area for the following reasons:

1. The measured surface pressure of 640 psig which is correlative with newly completed Mesaverde wells in the area, and the nearby producing well #2-43. If this were a new reservoir the pressure should be much higher.
2. When the offset wells were drilled they did not encounter gas in this interval.
3. The chemical characteristics of the gas from Well #64 (105A) and offsetting Mesaverde wells are very similar as shown in the attached gas analyses.
4. The very high natural flow rates are not usual in normal unfractured reservoirs.
5. The high penetration rate of the 4,258-4,262' interval.

#### Definition of Mesaverde

The completion of a gas well in a fractured sand and shale zone which is approximately 500' above the top of the "Massive Cliff House sandstone" has brought about the need to define the term Mesaverde insofar as the Northeast Blanco Unit I-Sec. 929 is concerned. The Advisory Committee of the Northeast Blanco Unit met October 12, 1976 and passed a Resolution defining Mesaverde as follows:

"RESOLVED, that the term "Mesaverde" as used in the "Application for Approval of Mesaverde Participating Area for the Northeast Blanco Unit,

I-Sec. No. 929, San Juan and Rio Arriba Counties, New Mexico", and in subsequent applications for enlargements thereof (and sometimes followed by the term "Zone", "Formation", "Horizon" or the like), all such applications duly approved by the Director of the United States Geological Survey, the Commissioner of Public Lands, State of New Mexico and the Oil Conservation Commission, State of New Mexico, is hereby defined as the stratigraphic equivalent of the interval between (i) the base of the Green Shale Marker, which occurs at a depth of 4,054 feet on the Gamma Ray-Neutron Log, dated May 31, 1957, of the Blackwood & Nichols Northeast Blanco Unit No. 34-19 Well, Section 19, Township 30 North, Range 7 West, Rio Arriba County, New Mexico, and (ii) 300 feet below the base of the Point Lookout Formation, which base occurs at a depth of 5,565 feet on the log of the foregoing well." A copy of the above referred to log is attached.

This definition is to apply to the Northeast Blanco Unit only and has no effect on any area outside the area of the Northeast Blanco Unit.

This definition will allow a reasonable and prudent development and production of hydrocarbons from the Mesaverde group. It will allow for and encourage drilling 300' below the base of the Massive Sandstone member of the Point Lookout portion of the Mesaverde group to search for an elusive, seldom present oil accumulation which could not economically be tested if a definition which limited the interval to the base of the Massive Sandstone member of the Point Lookout were adopted.

This definition also protects the ownership of presently developed Mesaverde reservoirs from thieving by fractures, etc., to intervals above the Massive Cliff House sandstone of the Mesaverde group. We believe the gas which would be produced from the #64 (105A) well is actually gas from the currently producing Mesaverde reservoir of the Northeast Blanco Unit which has migrated 500' above the Cliff House sandstone, as enumerated.

The published literature on the Mesaverde group in the San Juan Basin supports the definition adopted by the Northeast Blanco Unit Advisory Committee.

In the "Guidebook of the San Juan Basin New Mexico and Colorado" published by the New Mexico Geological Society November, 1950, a paper by Caswell Silver "The Occurrence of Gas in Cretaceous Rocks of the San Juan



In the 1961 A.A.P.G. Book, "Geometry of Sandstone Bodies", a paper by Charles T. Hollenshead and Roy L. Pritchard entitled "Geometry of Producing Mesaverde Sandstones, San Juan Basin" in describing the "Green Marker Horizon" on page 106 stated "It is believed to represent approximate contemporaneity and therefore can be used to delineate accurately major vertical steps in the regressive Point Lookout and transgressive Cliff House Strand lines." Various benches of the Cliff House and Point Lookout sandstone are shown and mapped in the paper. We believe that the interval in which gas was encountered in Well #64 (105A) is equivalent to Bench "B" of the Cliff House sandstone as defined and mapped in this paper.

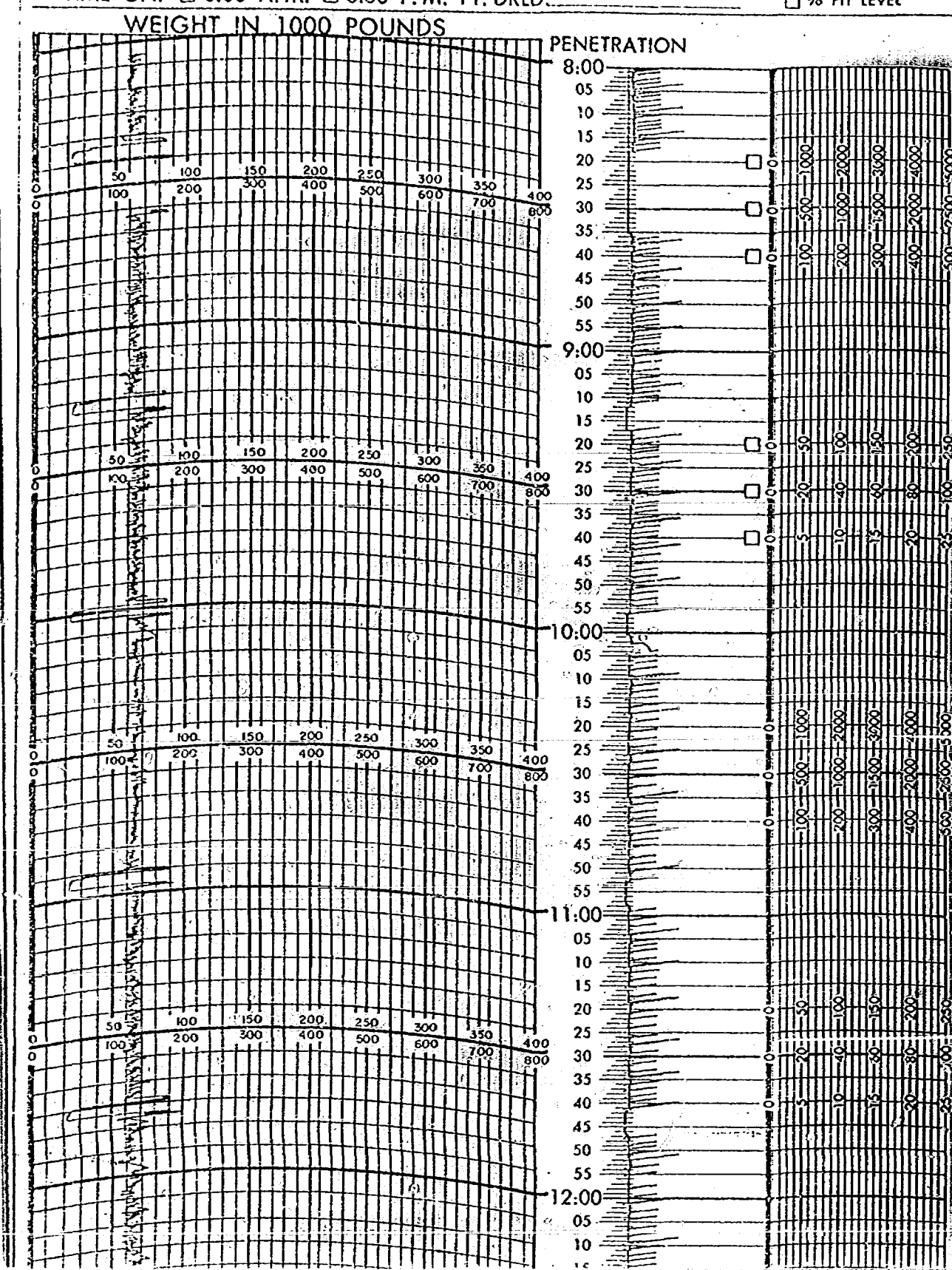
In the "Geologic Atlas of the Rocky Mountain" published in 1972 by the Rocky Mountain Association of Geologists Figure 35, taken from work by R. J. Weimer, shows the Mesaverde group from the San Juan Basin to Wyoming. The vertical limits vary greatly from one area to another.

The Mesaverde group has been described in the literature as extending from the base of the regressive Point Lookout to the top of the Cliff House sandstones. Massive Sandstone Members occur in both the Point Lookout and the Cliff House intervals. Several sandstone benches are known and mapped below the base of the "Massive Sandstone Member" of the Point Lookout and above the "Massive Sandstone Member" of the Cliff House. This definition recognizes that the system of transgressive/regressive shorelines in the Mesaverde group in the San Juan Basin is a continuum having a vertical producing column in excess of 1,400'. The definition of Mesaverde Group as adopted by the Advisory Committee of the Northeast Blanco Unit I-Sec. 929 will allow orderly development and production of hydrocarbon reserves from the Mesaverde group in the area of the Unit.

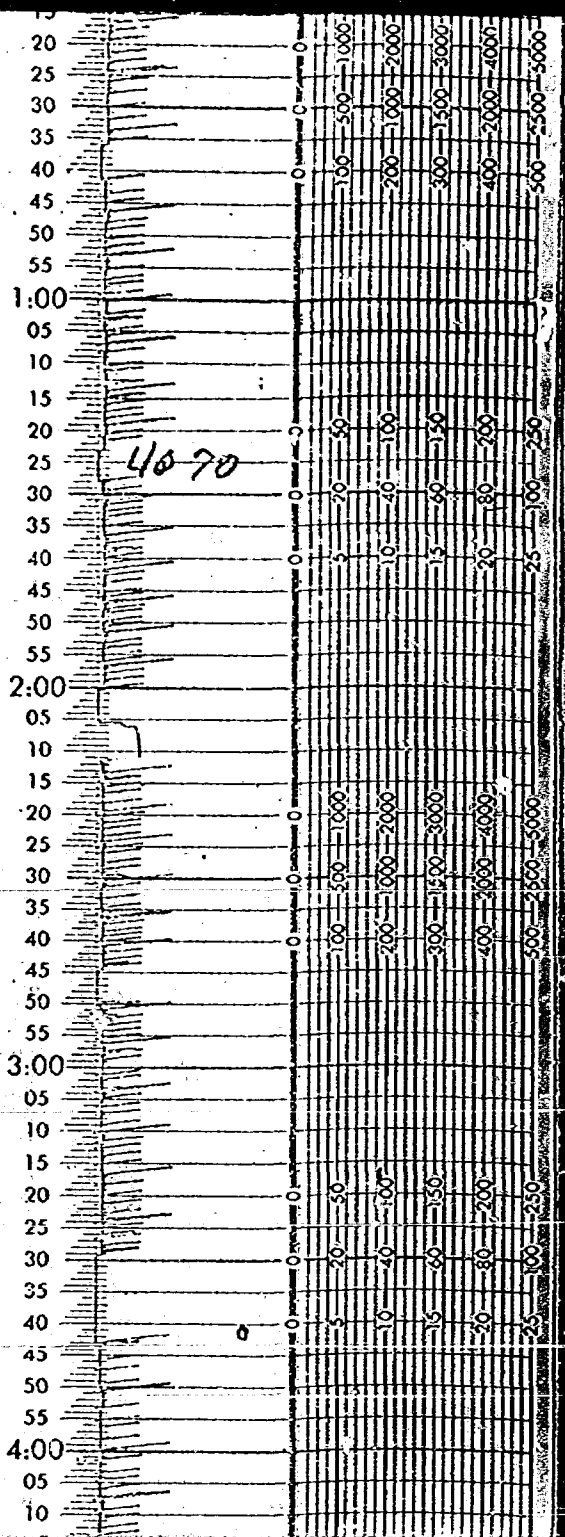
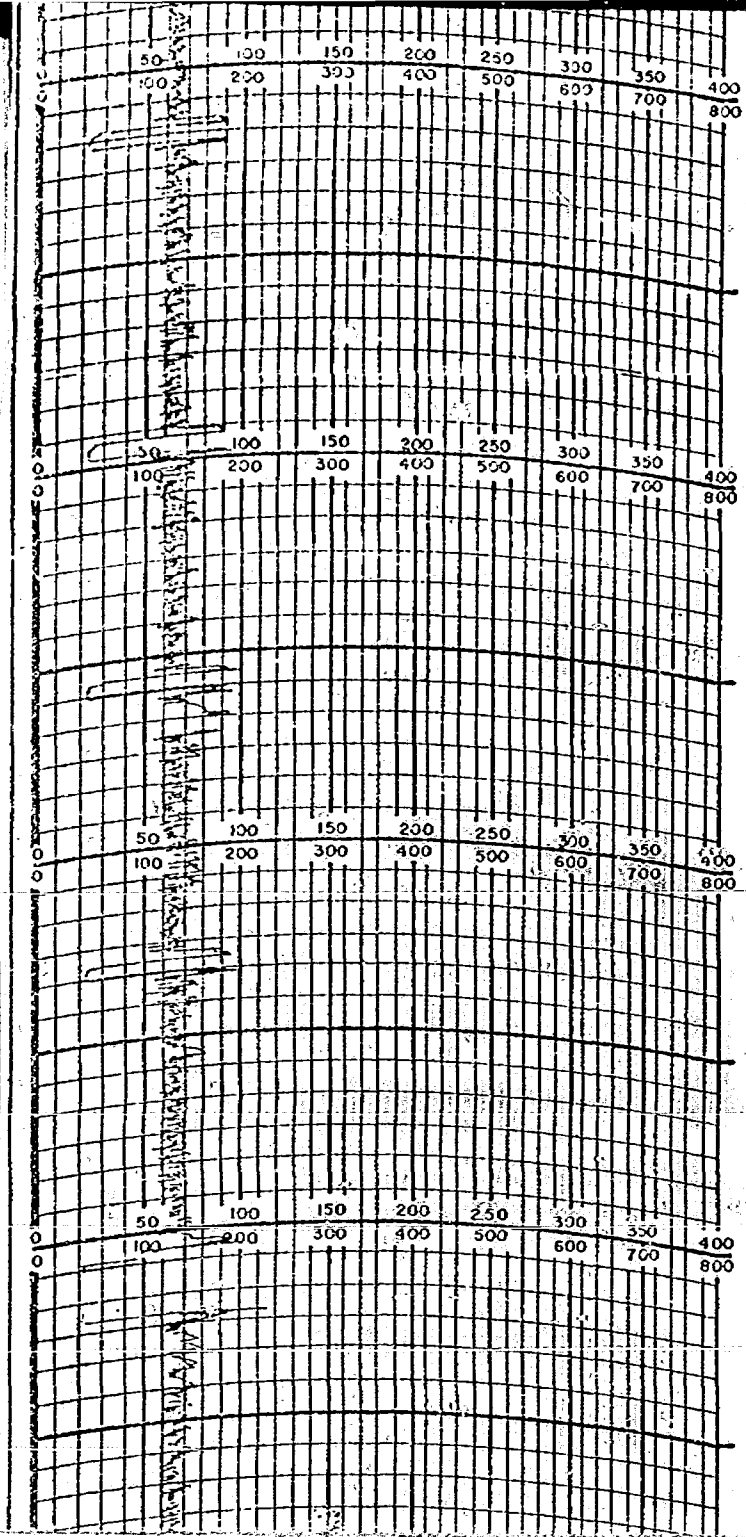
OPERATOR: BLACKWOOD + NICHOLS 105 A  
 LOCATION: NEBU STATE: NM  
 COUNTY: PIO ABABA T.D. OFF: 4262  
 DATE ON: 7-7-76 T.D. ON: 3862  
 TIME ON: ☐ 8:00 A.M. ☐ 8:00 P.M. FT. DRID.

12  
HOUR

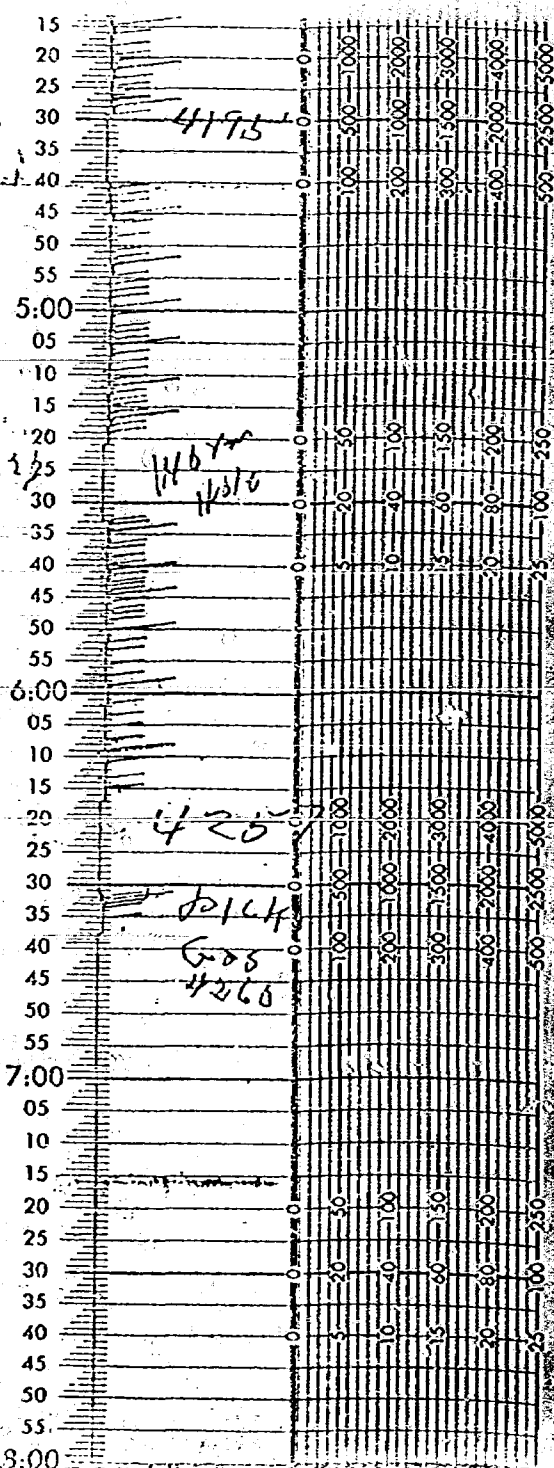
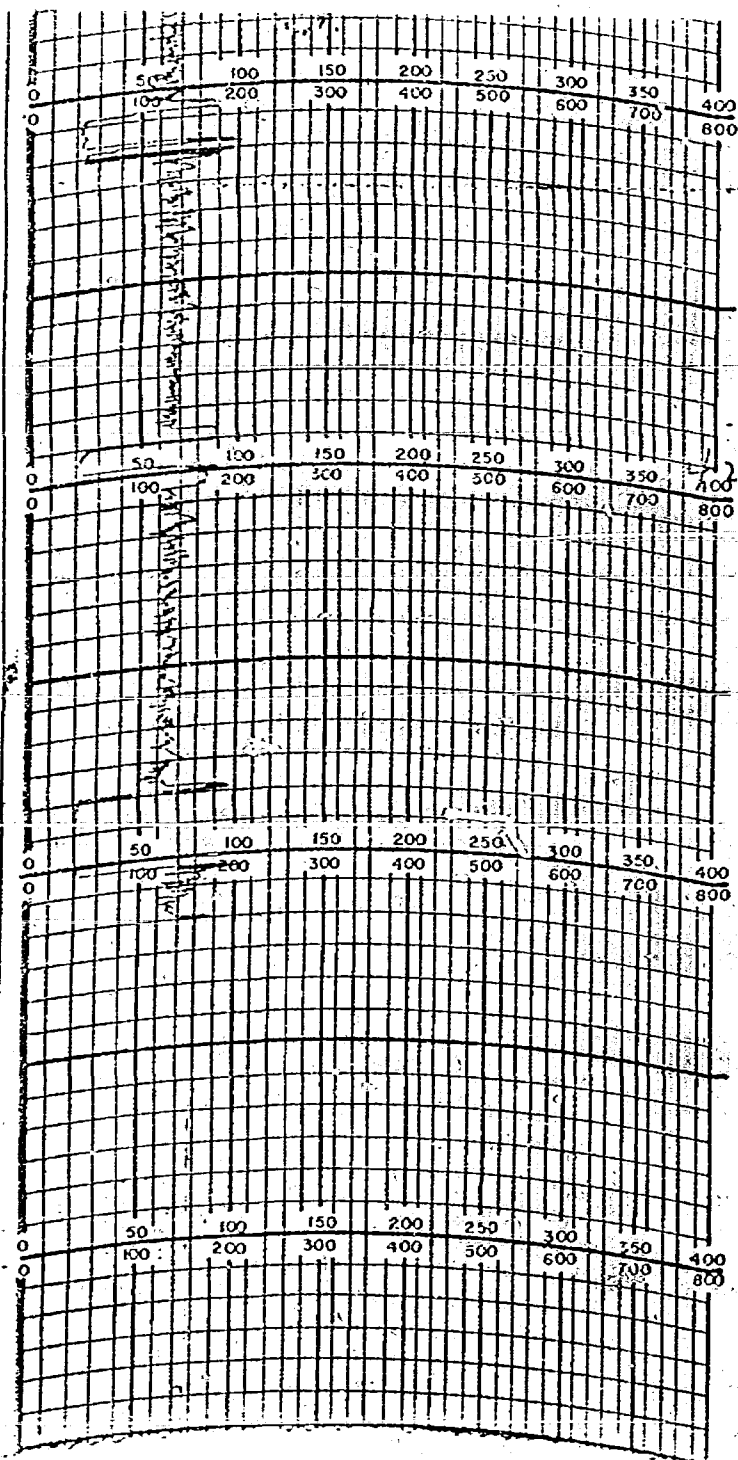
- ☐ FLUID PRESSURE
- ☐ PUMP STROKES
- ☐ TORQUE
- ☐ R.P.M.
- ☐ % MUD FLOW
- ☐ % PIT LEVEL











EL PASO NATURAL GAS COMPANY  
SAN JUAN LABORATORYFRACTIONAL DISTILLATION ANALYSIS ☐GAS CHROMATOGRAPHY ANALYSIS ☐

Date of Run 10-5-76 Analysis No. VF29588  
 Sample From Blackwood Nickols Date Secured 10-4-76  
 Sample Marked N. E. Blanco Unit #64 Secured By DeLasso Loos

COMPONENT	MOL. %	G.P.M.	LIQ. VOL. %
Carbon Dioxide	.92		
Hydrogen Sulfide	.00		
Nitrogen	.20		
Methane	89.95		
Ethane	5.60		
Propane	2.06	.5654	
I-Butane	.34	.1109	
N-Butane	.47	.1477	
I-Pentane	.13	.0474	
N-Pentane	.09	.0325	
Hexane	.24	.1044	
TOTALS	100.00	1.009	

HEATING VALUE  
B.T.U. PER CU. FT.

Dry Basis, 14.696 lbs./sq. in., 50° F.  
 Calculated from % Composition 1107

Calorimeter SULPHUR CONTENT  
GRAINS PER 100 CU. FT.

14.7 lbs./sq. in., 60° F.  
 Hydrogen Sulfide .00

Mercaptans .00

## SPECIFIC GRAVITY

14.696 lbs./sq. in., 60° F.  
 Calculated from % Composition .633

Calculated from % Liquid 

## VAPOR PRESSURE

PSIA at 100° F.  
 Calculated from Moie %

Run By Ross Checked By Janes

## Remarks

R L Ahrens  
 H. L. Holder  
 R. U. Ullrich  
 R. E. Johnson  
 R. B. Herr  
 M. E. Blakley  
 R. F. Lemon  
 J. E. Ashworth  
 Don adams

File

## Column/s Used

AEGIS

Calculation By

NGPA

Carbon Dioxide

NGPA

Hydrogen Sulfide

## LOCATION AND WELL DATA

Sec. 24 T. 30 N. R. 8 E.  
 County

San Juan

State

New Mexico

Formation

Hoga Verde

Sond Pressure

EL PASO NATURAL GAS COMPANY  
SAN JUAN LABORATORYFRACTIONAL DISTILLATION ANALYSIS ☐GAS CHROMATOGRAPHY ANALYSIS ☐

Date of Run 10-5-76 Analysis No. VF29586  
 Sample From Blackwood Nickols Date Secured 10-4-76  
 Sample Marked H. E. Blanco Unit # 34 Secured By DeLasso Loos

COMPONENT	MOL. %	G.P.M.	LIQ. VOL. %
Carbon Dioxide	.14		
Hydrogen Sulfide	.00		
Nitrogen	.32		
Methane	87.93		
Ethane	6.96		
Propane	2.73	.7693	
I-Butane	.55	.1794	
N-Butane	.72	.2263	
I-Pentane	.23	.0639	
N-Pentane	.16	.0573	
Hexane	.26	.1131	
TOTALS	100.00	1.410	

Run By Ross Checked By James

<u>R. L. Ahrens</u>
<u>H. L. Holder</u>
<u>R. Ulrich</u>
<u>R. E. Johnson</u>
<u>R. B. Herr</u>
<u>M. E. Blakely</u>
<u>R. F. Leron</u>
<u>J. E. Ashworth</u>
<u>Don Adams</u>
<u>File</u>

HEATING VALUE  
B.T.U. PER CU. FT.

Dry Basis, 14.696 lbs./sq. in., 60° F. 1150  
 Calculated from % Composition

Calorimeter

SULPHUR CONTENT  
GRAINS PER 100 CU. FT.

14.7 lbs./sq. in., 60° F. .00  
 Hydrogen Sulfide

Mercaptans .00

## SPECIFIC GRAVITY

14.696 lbs./sq. in., 60° F. .650  
 Calculated from % Composition

Calculated from % Liquid

## VAPOR PRESSURE

PSIA at 100° F.   
 Calculated from Mole %

Column/s Used
<u>AE&amp;MS</u>
Calculation By
<u>NGPA</u>
Carbon Dioxide
<u>NGPA</u>
Hydrogen Sulfide

LOCATION AND WELL DATA			
Sec.	<u>19</u>	T. <u>20</u>	R. <u>7</u> W. <u></u>
County	<u>Rio Arriba</u>		
State	<u>New Mexico</u>		
Formation	<u>Mesa Verde</u>		
Some Pressure	<u></u>		

EL PASO NATURAL GAS COMPANY  
SAN JUAN LABORATORYFRACTIONAL DISTILLATION ANALYSIS ☐GAS CHROMATOGRAPHY ANALYSIS ☐Date of Run 10-5-76Analysis No. VF29687Sample From Blackwood NickolsDate Secured 10-4-76Sample Marked N. E. Blanco Unit # 105Secured By DeLasso Loos

COMPONENT	MOL. %	G.P.M.	LIQ. VOL. %
Carbon Dioxide	.87		
Hydrogen Sulfide	.00		
Nitrogen	.28		
Methane	88.33		
Ethane	6.31		
Propane	2.46	.6752	
I-Butane	.48	.1565	
N-Butane	.64	.2012	
I-Pentane	.20	.0730	
N-Pentane	.13	.0469	
Hexane	.30	.1305	
TOTALS	100.00	1.284	

HEATING VALUE  
B.T.U. PER CU. FT.Dry Basis, 14.696 lbs./sq. in., 60° F.  
Calculated from % Composition 1131

Calorimeter

SULPHUR CONTENT  
GRAINS PER 100 CU. FT.14.7 lbs./sq. in., 60° F.  
Hydrogen Sulfide .00Mercaptans .00

## SPECIFIC GRAVITY

14.696 lbs./sq. in., 60° F.  
Calculated from % Composition .649

Calculated from % Liquid

## VAPOR PRESSURE

PSIA at 100° F.  
Calculated from Mole %Run By RossChecked By James

Remarks
R. L. Ahrens
H. L. Holder
R. Ullrich
R. E. Johnson
R. B. Herr
M. E. Blakley
R. F. Lemon
J. E. Ashworth
Don Adams
File

Column/s Used

AEGIS

Calculation By

NGPA

Carbon Dioxide

NGPA

Hydrogen Sulfide

## LOCATION AND WELL DATA

Sec. 24 T. 30 N. 8 W.

County

San Juan

State

New Mexico

Formation

Mesa Verde

Bomb Pressure



# OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO  
P. O. BOX 2088 - SANTA FE  
87501



DIRECTOR  
JOE D. RAMEY

LAND COMMISSIONER  
PHIL R. LUCERO  
June 15, 1977

STATE GEOLOGIST  
EMERY C. ARNOLD

Mr. Clarence Hinkle  
Hinkle, Bondurant, Cox & Eaton  
Attorneys at Law  
Post Office Box 10  
Roswell, - New Mexico 88201

Re: CASE NO. 5821  
ORDER NO. R-5339-B

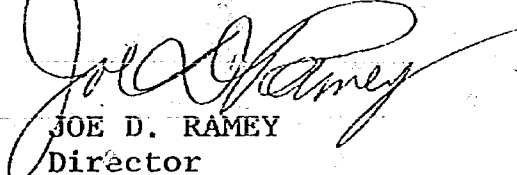
Applicant:

Blackwood & Nichols Co., Ltd.

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Yours very truly,

  
JOE D. RAMEY  
Director

JDR/fd

Copy of order also sent to:

Hobbs OCC	<u>X</u>
Artesia OCC	<u>X</u>
Aztec OCC	<u>X</u>

Other William F. Carr, Don Dent, Millard Carr, Tom Kellahin,  
John Nance

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE NO. 5821 DE NOVO  
Order No. R-5339-B

APPLICATION OF BLACKWOOD AND  
NICHOLS CO., LTD., FOR A HEARING  
DE NOVO, SAN JUAN COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on March 23, 1977, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 14th day of June, 1977, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

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

(2) That in Case 5821, by its Order No. R-5339, Paragraph (i), the Commission created and defined the Navajo City-Chacra Pool in Township 30 North, Range 8 West, NMPM, San Juan County, New Mexico.

(3) That in Case 5821, by its Order No. R-5339, Paragraph (j), the Commission created and defined the Animas-Chacra Pool in Township 31 North, Range 10 West, San Juan County, New Mexico.

(4) That said Commission Order No. R-5339 was entered on the 25th day of January, 1977, with an effective date of February 1, 1977.

(5) That on February 10, 1977, the applicant, Blackwood & Nichols Co., Ltd., submitted an application for a hearing de novo on said Paragraphs (i) and (j) of said Case 5821 and Order No. R-5339.

(6) That said application was timely filed and was set for hearing.

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Case No. 5821 De Novo  
Order No. R-5339-B

(7) That at the time of creation of said Navajo City-Chacra Pool and said Animas-Chacra Pool a Commission-called committee was studying pool limits around and within the area of said pools.

(8) That said Navajo City-Chacra Pool and said Animas-Chacra Pool should not have been created or defined until after said Committee had concluded its study and made its recommendations to the Commission.

(9) That said Paragraphs (i) and (j) of said Commission Order No. R-5339, as amended, should be deleted.

(10) That such deletion will not violate correlative rights nor result in waste.

IT IS THEREFORE ORDERED:

(1) That effective January 23, 1977, Paragraphs (i) and (j) of Commission Order No. R-5339, as amended, are hereby deleted.

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

  
*Phil R. Lucero*  
PHIL R. LUCERO, Chairman

*Emery C. Arnold*  
EMERY C. ARNOLD, Member

*Joe D. Ramey*  
JOE D. RAMEY, Member & Secretary

S E A L

jr/

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE NO. 5821  
Order No. R-5339

THE APPLICATION OF THE OIL CONSERVATION  
COMMISSION UPON ITS OWN MOTION FOR AN  
ORDER CREATING AND EXTENDING CERTAIN  
POOLS IN SAN JUAN, MCKINLEY, SANDOVAL  
AND RIO ARriba COUNTIES, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on December 15, 1976, at Santa Fe, New Mexico, before Examiner, Richard L. Stamets.

NOW, on this 25th day of January, 1977, the Commission, a quorum being present, 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 Commission has jurisdiction of this cause and the subject matter thereof.

(2) That there is need for the creation of a new gas pool in San Juan County, New Mexico, for the production of gas from the Pictured Cliffs formation, said pool to bear the designation of Potwin-Pictured Cliffs Pool. Said Potwin-Pictured Cliffs Pool was discovered by the Dugan Production Corporation Mountain Well No. 1, located in Unit J of Section 15, Township 24 North, Range 8 West, NMPM. It was completed in the Pictured Cliffs formation on May 7, 1976. The top of the perforated interval is at 2,030 feet.

(3) That there is need for the creation of a new gas pool in San Juan County, New Mexico, for the production of gas from the Pictured Cliffs formation, said pool to bear the designation of Albino-Pictured Cliffs Pool. Said Albino-Pictured Cliffs pool was discovered by the Coastline Petroleum Company, Inc. Schalk Well No. 94, located in Unit M of Section 26,



-2-

Case No. 5821  
Order No. R-5339

Township 32 North, Range 8 West, NMPM. It was completed in the Pictured Cliffs formation on November 16, 1973. The top of the perforated interval is at 3,815 feet.

(4) That there is need for the creation of a new gas pool in San Juan County, New Mexico, for the production of gas from the Dakota formation, said pool to bear the designation of Straight Canyon-Dakota Pool. Said Straight Canyon-Dakota Pool was discovered by the Robert C. Anderson Ute Mountain Well No. 1, located in Unit L of Section 14, Township 31 North, Range 16 West, NMPM. It was completed in the Dakota formation on October 3, 1975. The top of the perforated interval is at 2,262 feet.

(5) That there is need for the creation of a new oil pool in McKinley County, New Mexico, for the production of oil from the Dakota formation, said pool to bear the designation of Marcelina-Dakota Oil Pool. Said Marcelina-Dakota Oil Pool was discovered by the Fairfax Exploration Corporation Bullseye Well No. 3, located in Unit N of Section 18, Township 16 North, Range 9 West, NMPM. It was completed in the Dakota formation on January 6, 1975. The top of the perforated interval is at 1,797 feet.

(6) That there is need for the creation of a new gas pool in San Juan County, New Mexico, for the production of gas from the Fruitland formation, said pool to bear the designation of Jasis Canyon-Fruitland Pool. Said Jasis Canyon-Fruitland Pool was discovered by the Mesa Petroleum Corporation State Com Well No. 39, located in Unit C of Section 36, Township 29 North, Range 8 West, NMPM. It was completed in the Fruitland formation on June 7, 1976. The top of the perforated interval is at 2,594 feet.

(7) That there is need for the creation of a new gas pool in San Juan County, New Mexico, for the production of gas from the Fruitland formation, said pool to bear the designation of Crouch Mesa-Fruitland Pool. Said Crouch Mesa-Fruitland Pool was discovered by the Riggs Oil & Gas Corporation Federal Well No. 1, located in Unit F of Section 4, Township 29 North, Range 12 West, NMPM. It was completed in the Fruitland formation on June 29, 1959. The top of the perforated interval is at 1,566 feet.

(8) That there is need for the creation of a new gas pool in San Juan County, New Mexico, for the production of gas from the Fruitland formation, said pool to bear the designation of Sedro Canyon-Fruitland Pool. Said Sedro Canyon-Fruitland Pool was discovered by the Southern Union Production Company Seymour Well No. 9, located in Unit F of Section 23, Township 31 North, Range 9 West, NMPM. It was completed in the Fruitland formation on July 26, 1973. The top of the perforated interval is at 2,640 feet.

(9) That there is need for the creation of a new gas pool in Sandoval County, New Mexico, for the production of gas from the Chacra formation, said pool to bear the designation of Rusty-Chacra Pool. Said Rusty-Chacra Pool was discovered by the Chace Oil Company Rusty Navajo Well No. 1Y, located in Unit A of Section 23, Township 22 North, Range 7 West, NMPM. It was completed in the Chacra formation on July 25, 1976. The top of the perforated interval is at 1,667 feet.

(10) That there is need for the creation of a new gas pool in San Juan County, New Mexico, for the production of gas from the Chacra formation, said pool to bear the designation of Navajo City-Chacra Pool. Said Navajo City-Chacra Pool was discovered by the Lively Exploration Company Well No. 7-Y, located in Unit E of Section 35, Township 30 North, Range 8 West, NMPM. It was completed in the Chacra formation on April 20, 1975. The top of the perforated interval is at 3,685 feet.

(11) That there is need for the creation of a new gas pool in San Juan County, New Mexico, for the production of gas from the Chacra formation, said pool to bear the designation of Animas-Chacra Pool. Said Animas-Chacra Pool was discovered by the Mesa Petroleum Corporation Primo Well No. 1-A, located in Unit D of Section 6, Township 31 North, Range 10 West, NMPM. It was completed in the Chacra formation on December 31, 1975. The top of the perforated interval is at 3,444 feet.

(12) That there is need for the creation of a new oil pool in San Juan County, New Mexico, for the production of oil from the Mississippian formation, said pool to bear the designation of Beautiful Mountain-Mississippian Oil Pool. Said Beautiful Mountain-Mississippian Oil Pool was discovered by the Petroleum Energy Corporation Navajo Well No. 1-5 Navajo, located in Unit F of Section 5, Township 26 North, Range 19 West, NMPM. It was completed in the Mississippian formation on June 3, 1975. The top of the perforated interval is at 5,960 feet.

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(13) That there is need for the creation of a new gas pool in San Juan County, New Mexico, for the production of gas from the Mississippian formation, said pool to bear the designation of North Tocito Dome-Mississippian Gas Pool. Said North Tocito Dome-Mississippian Gas Pool was discovered by the Saguaro Oil Company Stover Navajo Well No. 1, located in Unit M of Section 34, Township 27 North, Range 18 West, NMPM. It was completed in the Mississippian formation on April 6, 1975. The top of the perforated interval is at 6,717 feet.

(14) That there is need for the creation of a new oil pool in McKinley County, New Mexico, for the production of oil from the Mesaverde formation, said pool to bear the designation of Franciscan Lake-Mesaverde Oil Pool. Said Franciscan Lake-Mesaverde Oil Pool was discovered by the Basin Fuels, Inc. Star Well No. 1, located in Unit M of Section 7, Township 20 North, Range 5 West, NMPM. It was completed in the Mesaverde formation on May 15, 1975. The top of the perforated interval is at 1,980 feet.

(15) That there is need for the creation of a new gas pool in San Juan County, New Mexico, for the production of gas from the Gallup formation, said pool to bear the designation of Albino-Gallup Pool. Said Albino-Gallup Pool was discovered by the Coastline Petroleum Company, Inc. Schalk 94 Well No. 1 located in Unit A of Section 26, Township 32 North, Range 8 West, NMPM. It was completed in the Gallup formation on February 28, 1975. The top of the perforated interval is at 7,545 feet.

(16) That there is need for the creation of a new oil pool in San Juan County, New Mexico, for the production of oil from the Gallup formation, said pool to bear the designation of Knickerbocker Buttes-Gallup Oil Pool. Said Knickerbocker Buttes-Gallup Oil Pool was discovered by the El Paso Natural Gas Company Schumacher Well No. 13 located in Unit N of Section 17, Township 30 North, Range 10 West, NMPM. It was completed in the Gallup formation on June 13, 1975. The top of the perforated interval is 6,440 feet.

(17) That there is need for the creation of a new gas pool in Sandoval County, New Mexico, for the production of gas from the Gallup formation, said pool to bear the designation of Rusty-Gallup Pool. Said Rusty-Gallup Pool was discovered by the Engineering & Production Service, Inc. Dana State Well No. 1 located in Unit H of Section 16, Township 22 North, Range 7 West, NMPM. It was completed in the Gallup formation on July 15, 1975. The top of the perforated interval is at 4,786 feet.

(18) That there is need for the creation of a new oil pool in Sandoval County, New Mexico, for the production of oil from the Gallup formation, said pool to bear the designation of Alamito-Gallup Oil Pool. Said Alamito-Gallup Oil Pool was discovered by the BCO, Inc. Federal C Well No. 1, located in Unit P of Section 31, Township 23 North, Range 7 West, NMPM. It was completed in the Gallup formation on July 17, 1971. The top of the perforated interval is at 4,706 feet.

(19) That there is need for the creation of a new oil pool in San Juan County, New Mexico, for the production of oil from the Gallup formation, said pool to bear the designation of Nageezi-Gallup Oil Pool. Said Nageezi-Gallup Oil Pool was discovered by the BCO, Inc. Federal D Well No. 1 located in Unit G of Section 1, Township 23 North, Range 9 West, NMPM. It was completed in the Gallup formation on June 29, 1971. The top of the perforated interval is at 5,079 feet.

(20) That there is need for the creation of a new oil pool in Rio Arriba County, New Mexico, for the production of oil from the Gallup formation, said pool to bear the designation of Ojito-Gallup Oil Pool. Said Ojito-Gallup Oil Pool was discovered by the Skelly Oil Company C. W. Roberts Well No. 4 located in Unit M of Section 17, Township 25 North, Range 3 West, NMPM. It was completed in the Gallup formation on October 10, 1971. The top of the perforated interval is at 6,960 feet.

(21) That there is need for the creation of a new oil pool in Sandoval County, New Mexico, for the production of oil from the Gallup formation, said pool to bear the designation of Media-Gallup Oil Pool. Said Media-Gallup Oil Pool was discovered by the Petro Lewis Corporation Federal Media Well No. 7 located in Unit G of Section 22, Township 19 North, Range 3 West, NMPM. It was completed in the Gallup formation on April 9, 1975. The top of the perforated interval is at 2,793 feet.

(22) That there is need for the creation of a new gas pool in San Juan County, New Mexico, for the production of gas from the Farmington formation, said pool to bear the designation of South Gallegos-Farmington Pool. Said South Gallegos-Farmington Pool was discovered by the Dugan Production Corporation Benjamin Franklin Well No. 1, located in Unit A of Section 10, Township 26 North, Range 12 West, NMPM. It was completed in the Farmington formation on August 21, 1976. The top of the perforated interval is at 640 feet.

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(23) That there is need for certain extensions to the South Blanco-Pictured Cliffs Pool, the Campo-Gallup Pool, the Devils Fork-Gallup Pool, the Devils Fork-Mesaverde Oil Pool, the Gobernador-Pictured Cliffs 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 and the Rusty-Menefee Oil Pool in Sandoval County, New Mexico; the Angels Peak-Gallup Oil Pool, the Aztec-Fruitland Pool, the Aztec-Pictured Cliffs Pool, the Bloomfield-Chacra Pool, the Gallegos-Gallup Oil Pool, the South Gallegos-Fruitland Pool, the Kutz-Fruitland Pool, the Kutz-Gallup Oil Pool, the Largo-Chacra Pool, the Nipp-Pictured Cliffs Pool, the Pinon-Fruitland Pool, the Ute Dome-Dakota Pool, and the WAW-Pictured Cliffs Pool, all in San Juan County, New Mexico; and the Blanco-Mesaverde Pool, the Blanco-Pictured Cliffs Pool, and the Escrito-Gallup Pool, all in Rio Arriba and San Juan Counties, New Mexico.

(24) That the proposed extension of the Dufers Point Gallup-Dakota Pool in San Juan County, New Mexico, and the East Puerto Chiquito-Gallup Pool in Rio Arriba County, New Mexico, should be dismissed.

IT IS THEREFORE ORDERED:

(a) That a new pool in San Juan County, New Mexico, classified as a gas pool for Pictured Cliffs production, is hereby created and designated as the Potwin-Pictured Cliffs Pool, consisting of the following-described area:

TOWNSHIP 24 NORTH, RANGE 8 WEST, NMPM

Section 14: SW/4  
Section 15: All  
Section 16: E/2

(b) That a new pool in San Juan County, New Mexico, classified as a gas pool for Pictured Cliffs production, is hereby created and designated as the Albino-Pictured Cliffs Pool, consisting of the following-described area:

TOWNSHIP 22 NORTH, RANGE 8 WEST, NMPM

Section 26: SW/4

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(c) That a new pool in San Juan County, New Mexico, classified as a gas pool for Dakota production, is hereby created and designated as the Straight Canyon-Dakota Pool, consisting of the following-described area:

TOWNSHIP 31 NORTH, RANGE 16 WEST, NMPM  
Section 14: SW/4

(d) That a new pool in McKinley County, New Mexico, classified as an oil pool for Dakota production, is hereby created and designated as the Marcelina-Dakota Oil Pool, consisting of the following-described area:

TOWNSHIP 16 NORTH, RANGE 9 WEST, NMPM  
Section 18: S/2 SW/4  
Section 19: N/2 NW/4

TOWNSHIP 16 NORTH, RANGE 10 WEST, NMPM  
Section 24: NE/4 NE/4

(e) That a new pool in San Juan County, New Mexico, classified as a gas pool for Fruitland production, is hereby created and designated as the Jasis Canyon-Fruitland Pool, consisting of the following-described area:

TOWNSHIP 29 NORTH, RANGE 8 WEST, NMPM  
Section 36: NW/4

(f) That a new pool in San Juan County, New Mexico, classified as a gas pool for Fruitland production, is hereby created and designated as the Crouch Mesa-Fruitland Pool, consisting of the following-described area:

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

(g) That a new pool in San Juan County, New Mexico, classified as a gas pool for Fruitland production, is hereby created and designated as the Sedro Canyon-Fruitland Pool, consisting of the following-described area:

TOWNSHIP 31 NORTH, RANGE 9 WEST, NMPM  
Section 23: NW/4

(h) That a new pool in Sandoval County, New Mexico, classified as a gas pool for Chacra production, is hereby created and designated as the Rusty-Chacra Pool, consisting

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of the following-described area:

TOWNSHIP 22 NORTH, RANGE 7 WEST, NMPM

Section 13: E/2  
Section 23: All  
Section 24: N/2  
Section 26: N/2

(i) That a new pool in San Juan County, New Mexico, classified as a gas pool for Chacra production, is hereby created and designated as the Navajo City-Chacra Pool, consisting of the following-described area:

TOWNSHIP 30 NORTH, RANGE 8 WEST, NMPM

Section 24: S/2  
Section 25: All  
Section 35: N/2  
Section 36: N/2

(j) That a new pool in San Juan County, New Mexico, classified as a gas pool for Chacra production, is hereby created and designated as the Animas-Chacra Pool, consisting of the following-described area:

TOWNSHIP 31 NORTH, RANGE 10 WEST, NMPM

Section 6: NW/4

(k) That a new pool in San Juan County, New Mexico, classified as an oil pool for Mississippian production, is hereby created and designated as the Beautiful Mountain-Mississippian Oil Pool, consisting of the following-described area:

TOWNSHIP 26 NORTH, RANGE 19 WEST, NMPM

Section 5: NW/4

(l) That a new pool in San Juan County, New Mexico, classified as a gas pool for Mississippian production, is hereby created and designated as the North Tociito Dome-Mississippian Pool, consisting of the following-described area:

TOWNSHIP 27 NORTH, RANGE 18 WEST, NMPM

Section 34: S/2

(m) That a new pool in McKinley County, New Mexico, classified as an oil pool for Mesaverde production, is hereby created and designated as the Franciscan Lake-Mesaverde Oil Pool,

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consisting of the following-described area:

TOWNSHIP 20 NORTH, RANGE 5 WEST, NMPM  
Section 7: All  
Section 18: N/2

TOWNSHIP 20 NORTH, RANGE 6 WEST, NMPM  
Section 12: E/2

(n) That a new pool in San Juan County, New Mexico, classified as a gas pool for Gallup production, is hereby created and designated as the Albino-Gallup Pool, consisting of the following-described area:

TOWNSHIP 32 NORTH, RANGE 8 WEST, NMPM  
Section 26: NE/4

(o) That a new pool in San Juan County, New Mexico, classified as an oil pool for Gallup production, is hereby created and designated as the Knickerbocker Buttes-Gallup Oil Pool, consisting of the following-described area:

TOWNSHIP 30 NORTH, RANGE 10 WEST, NMPM  
Section 17: SW/4

(p) That a new pool in Sandoval County, New Mexico, classified as a gas pool for Gallup production, is hereby created and designated as the Rusty-Gallup Pool, consisting of the following-described area:

TOWNSHIP 22 NORTH, RANGE 7 WEST, NMPM  
Section 16: NW/4

(q) That a new pool in Sandoval County, New Mexico, classified as an oil pool for Gallup production, is hereby created and designated as the Alamito-Gallup Oil Pool, consisting of the following-described area:

TOWNSHIP 23 NORTH, RANGE 7 WEST, NMPM  
Section 31: SE/4

(r) That a new pool in San Juan County, New Mexico, classified as an oil pool for Gallup production, is hereby created and designated as the Nageezi-Gallup Oil Pool, consisting of the following-described area:

TOWNSHIP 23 NORTH, RANGE 8 WEST, NMPM  
Section 6: S/2  
Section 7: N/2  
Section 8: SE/4 and W/2



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TOWNSHIP 23 NORTH, RANGE 9 WEST, NMPM  
Section 1: E/2

(s) That a new pool in Rio Arriba County, New Mexico, classified as an oil pool for Gallup production, is hereby created and designated as the Ojito-Gallup Oil Pool, consisting of the following-described area:

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM  
Section 17: SW/4

(t) That a new pool in Sandoval County, New Mexico, classified as an oil pool for Gallup production, is hereby created and designated as the Media-Gallup Oil Pool, consisting of the following-described area:

TOWNSHIP 19 NORTH, RANGE 3 WEST, NMPM  
Section 22: SW/4 NE/4

(u) That a new pool in San Juan County, New Mexico, classified as a gas pool for Farmington production, is hereby created and designated as the South Gallegos-Farmington Pool, consisting of the following-described area:

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM  
Section 2: S/2  
Section 10: NE/4  
Section 11: NW/4

(v) That the Angels Peak-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 10 WEST, NMPM  
Section 36: All

(w) 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 4: W/2

TOWNSHIP 30 NORTH, RANGE 10 WEST, NMPM  
Section 33: SW/4

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(x) 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 19: W/2

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

TOWNSHIP 23 NORTH, RANGE 4 WEST, NMPM  
Section 19: S/2  
Section 20: All  
Section 21: W/2  
Section 27: W/2 and SE/4  
Section 28: All  
Section 29: All  
Section 30: All  
Section 31: N/2  
Section 32: N/2  
Section 33: NW/4

TOWNSHIP 24 NORTH, RANGE 4 WEST, NMPM  
Section 33: N/2

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPM  
Section 35: SW/4

(z) 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 4 WEST, NMPM  
Section 2: W/2  
Section 3: E/2  
Section 4: All  
Section 9: All  
Section 16: N/2

TOWNSHIP 30 NORTH, RANGE 5 WEST, NMPM  
Section 4: All  
Section 5: All

TOWNSHIP 32 NORTH, RANGE 5 WEST, NMPM  
Section 33: All

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(aa) That the Blanco-Pictured Cliffs Pool in Rio Arriba 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 18: N/2

TOWNSHIP 31 NORTH, RANGE 10 WEST, NMPM

Section 3: All

Section 4: All

Section 9: All

Section 10: All

Section 13: All

Section 14: E/2

TOWNSHIP 32 NORTH, RANGE 10 WEST, NMPM

Section 30: W/2

Section 31: NW/4

TOWNSHIP 32 NORTH, RANGE 11 WEST, NMPM

Section 15: W/2

Section 18: S/2

TOWNSHIP 32 NORTH, RANGE 12 WEST, NMPM

Section 13: N/2 and SE/4

(bb) That the South Blanco-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 4 WEST, NMPM

Section 9: S/2

Section 13: S/2

Section 16: All

Section 21: N/2

(cc) 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

Section 9: S/2

Section 10: S/2

Section 11: S/2

Section 12: S/2

TOWNSHIP 29 NORTH, RANGE 11 WEST, NMPM

Section 35: NE/4

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

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

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

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPM  
Section 3: SW/4  
Section 9: E/2 NE/4  
Section 10: NW/4

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

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPM  
Section 7: E/2  
Section 8: S/2  
Section 17: N/2

(gg) That the proposed extension to the Dufers Point Gallup-Dakota Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby dismissed.

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

TOWNSHIP 24 NORTH, RANGE 7 WEST, NMPM  
Section 18: SW/4

(ii) 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 10 WEST, NMPM  
Section 17: W/2 and SE/4  
Section 18: S/2

TOWNSHIP 26 NORTH, RANGE 11 WEST, NMPM  
Section 13: S/2  
Section 24: N/2

TOWNSHIP 27 NORTH, RANGE 13 WEST, NMPM  
Section 26: S/2  
Section 27: E/2

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

TOWNSHIP 26 NORTH, RANGE 11 WEST, NMPM  
Section 7: All

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM  
Section 8: N/2  
Section 9: N/2

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM  
Section 10: N/2  
Section 13: E/2  
Section 24: E/2  
Section 25: E/2

(kk) 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 29 NORTH, RANGE 4 WEST, NMPM  
Section 19: S/2  
Section 30: All  
Section 31: NE/4  
Section 32: N/2 and SE/4

TOWNSHIP 29 NORTH, RANGE 5 WEST, NMPM  
Section 3: W/2  
Section 10: N/2  
Section 11: W/2  
Section 13: W/2  
Section 14: All

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

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM  
Section 30: S/2  
Section 31: N/2

(mm) That the Kutz-Gallup Oil Pool in San Juan County, New Mexico, as heretofore classified, defined, and described,

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is hereby extended to include therein:

TOWNSHIP 27 NORTH, RANGE 10 WEST, NMPM

Section 5: NW/4

Section 6: N/2

TOWNSHIP 27 NORTH, RANGE 11 WEST, NMPM

Section 1: N/2

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM

Section 32: SW/4

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

TOWNSHIP 27 NORTH, RANGE 8 WEST, NMPM

Section 3: S/2

Section 4: SE/4

Section 22: N/2

(oo) 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:

TOWNSHIP 25 NORTH, RANGE 4 WEST, NMPM

Section 17: S/2

Section 18: S/2

Section 20: W/2 and NE/4

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

TOWNSHIP 25 NORTH, RANGE 12 WEST, NMPM

Section 3: All

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM

Section 20: NW/4

Section 21: SE/4

Section 22: S/2

(qq) That the Otero-Chacra Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, is

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hereby extended to include therein:

TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM

Section 4: W/2  
Section 5: S/2  
Section 7: All  
Section 8: NW/4  
Section 25: SW/4

TOWNSHIP 26 NORTH, RANGE 7 WEST, NMPM

Section 12: E/2

(rr) 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 NORTH, RANGE 5 WEST, NMPM

Section 15: S/2

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM

Section 26: S/2

(ss) That the proposed extension to the East Puerto Chiquito-Gallup Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, is hereby dismissed.

(tt) 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 12 WEST, NMPM

Section 22: N/2  
Section 23: N/2  
Section 24: N/2

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

TOWNSHIP 22 NORTH, RANGE 7 WEST, NMPM

Section 13: SW/4  
Section 14: SE/4

(vv) That the Tapacito-Pictured Cliffs Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and

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described, is hereby extended to include therein:

TOWNSHIP 26 NORTH, RANGE 4 WEST, NMPM  
Section 22: W/2

TOWNSHIP 27 NORTH, RANGE 4 WEST, NMPM  
Section 8: W/2  
Section 17: W/2  
Section 19: NE/4  
Section 20: NW/4

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

TOWNSHIP 32 NORTH, RANGE 13 WEST, NMPM  
Section 30: SW/4

(xx) That the WAW-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 13 WEST, NMPM  
Section 4: NW/4

TOWNSHIP 27 NORTH, RANGE 13 WEST, NMPM  
Section 27: SE/4  
Section 29: NW/4  
Section 30: NE/4  
Section 31: NW/4  
Section 33: All  
Section 34: SW/4 and N/2

IT IS FURTHER ORDERED:

(1) That, pursuant to Section 65-3-14.5, NMSA 1953, 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 Commission. 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



-18-

Case No. 5821  
Order No. R-5339

Forms C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Commission within said 60-day period shall subject the well to cancellation of allowable.

(2) That the effective date of this order and all creations, and extensions included herein shall be February 1, 1977.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

PHIL R. LUCERO, Chairman



*Emery C. Arnold*  
EMERY C. ARNOLD, Member

*Joe D. Ramey*  
JOE D. RAMEY, Member & Secretary

S E A L

dr/

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

February 16, 1977

C  
O  
P  
Y  
  
Stanley L. Cunningham, Esq.  
Attorney at Law  
Fifth Floor, 100 Park Avenue  
Oklahoma City, Oklahoma 73102

Re: Case No. 5821,  
Application for De Novo  
hearing

Dear Mr. Cunningham:

We have received your timely application for a  
de novo hearing on the above-referenced case. The case  
will be docketed in the near future.

Very truly yours,

LYNN TESCHENDORF  
General Counsel

LT/dr

LAW OFFICES  
MCAFFEE, TAFT, MARK, BOND, RUCKS & WOODRUFF  
A PROFESSIONAL CORPORATION

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GARY F. FULLER  
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STANLEY L. CUNNINGHAM  
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REBECCA O. MARSHALL  
CHARLES DAVID STINSON  
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JOHN B. DUDLEY (1011-1071)

OF COUNSEL  
EUGENE KUNTZ  
RICHARD W. FOWLER

February 10, 1977

Lynn Teschendorf, Esq.  
General Counsel  
Oil Conservation Commission  
Capitol Building  
Santa Fe, New Mexico 87501

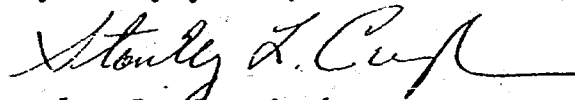
Re: Case No. 5821

Dear Ms. Teschendorf:

Pursuant to our recent conversation, enclosed herewith is an Application for de novo hearing of Order No. R-5339, entered January 25, 1977, in the referenced proceeding. Please file this Application with the Commission, and advise me of the hearing date set by the Commission in this matter.

The final meeting of the Mesaverde Study Group has been tentatively scheduled for March 2, 1977, in the Commission's Aztec Office. We therefore would request that the hearing in this matter be set on a date after such meeting.

Very truly yours,

  
Stanley L. Cunningham

SLC:jl  
Encl.

cc: Mr. Charles F. Blackwood  
Blackwood & Nichols Company, Ltd.  
2013 First National Center  
Oklahoma City, Oklahoma 73102

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

FEB 14 1977  
OIL CONSERVATION COMMISSION

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

Case No. 5821  
Order No. R-5339

THE APPLICATION OF THE OIL CON-  
SERVATION COMMISSION UPON ITS  
OWN MOTION FOR AN ORDER CREAT-  
ING AND EXTENDING CERTAIN POOLS  
IN SAN JUAN, MCKINLEY, SANDOVAL  
AND RIO ARriba COUNTIES, NEW  
MEXICO.

APPLICATION  
OF  
BLACKWOOD & NICHOLS COMPANY, LTD.  
AND  
BLACKWOOD & NICHOLS CO., LTD.  
FOR DE NOVO HEARING  
BEFORE THE COMMISSION OF ORDER NO. R-5339

Pursuant to Commission Rule 1220, Blackwood & Nichols Company, Ltd. and Blackwood & Nichols Co., Ltd. hereby apply to the Commission for hearing de novo of the Commission's Order No. R-5339, issued on January 25, 1977, in the captioned proceeding. In support of such application, applicants state as follows:

1. Applicant Blackwood & Nichols Company, Ltd. is the operator of the Northeast Blanco Unit, San Juan and Rio Arriba Counties, New Mexico. Applicant Blackwood & Nichols Co., Ltd. is a working interest owner in such unit. Such unit covers, in part, lands described below.

2. On January 25, 1977, the Commission, after a hearing before Examiner Richard L. Stamets, entered Order No. R-5339 in the captioned proceeding. In such Order, the Commission found in part as follows:

"(10) That there is need for the creation of a new gas pool in San Juan County, New Mexico, for the production of gas from the Chacra formation, said pool to bear the designation of Navajo City-Chacra Pool. Said Navajo City-Chacra Pool was discovered by the Lively Exploration Company Well No. 7-Y, located in Unit E of Section 35, Township 30 North, Range 8 West, NMPM. It was completed in the Chacra formation on April 20, 1975. The top of the perforated interval is at 3,685 feet.

(11) That there is need for the creation of a new gas pool in San Juan County, New Mexico, for the production of gas from the Chacra formation, said pool to bear the designation of Animas-Chacra Pool. Said Animas-Chacra Pool was discovered by the Mesa Petroleum Corporation Primo Well No. 1-A, located in Unit D of Section 6, Township 31 North, Range 10 West, NMPM. It was completed in the Chacra formation on December 31, 1975. The top of the perforated interval is at 3,444 feet."

Accordingly, the Commission ordered as follows:

"(i) That a new pool in San Juan County, New Mexico, classified as a gas pool for Chacra production, is hereby created and designated as the Navajo City-Chacra Pool, consisting of the following-described area:

TOWNSHIP 30 NORTH, RANGE 8 WEST, NMPM

Section 24: S/2

Section 25: All

Section 35: N/2

Section 36: N/2

(j) That a new pool in San Juan County, New Mexico, classified as a gas pool for Chacra production, is hereby created and designated as the Animas-Chacra Pool, consisting of the following-described area:

TOWNSHIP 31 NORTH, RANGE 10 WEST, NMPM

Section 6: NW/4"

3. The Commission has instituted a Mesaverde Study Group for the purpose of defining the Chacra producing area and the Mesaverde producing zone. The Mesaverde Study Group has specifically been charged with two tasks; one, to define a northwest trending line across the San Juan Basin portraying the north-eastern most limit of the "Chacra" sandstone, and two, to prepare a set of reference logs throughout the basin showing the top and

bottom of the "Mesaverde producing interval". The results of the foregoing study may establish that the above described lands lie beyond the northeastern most limit of the "Chacra" sandstone, and that the producing intervals therein lie within the "Mesaverde producing interval". It is therefore submitted that on hearing de novo, the Commission should delete the foregoing provisions from Order No. R-5339.

WHEREFORE, the Commission is requested to grant a hearing de novo before the Commission of Order No. R-5339, and, upon such hearing, to delete from such Order finding paragraphs (10) and (11), and ordering paragraphs (i) and (j).

Respectfully submitted,

McAFEE, TAFT, MARK, BOND, RUCKS &  
WOODRUFF A Professional Corporation  
Fifth Floor  
One Hundred Park Avenue Building  
Oklahoma City, Oklahoma 73102  
(405) 235-9621

Stanley L. Cunningham  
Terry R. Barrett

By Stanley L. Cunningham  
Stanley L. Cunningham

Attorneys for Blackwood & Nichols  
Company, Ltd. and  
Blackwood & Nichols Co., Ltd.

Dated at Oklahoma City, Oklahoma,  
February 10, 1977.

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

Case No. 5821  
Order No. R-5339

THE APPLICATION OF THE OIL CON-  
SERVATION COMMISSION UPON ITS  
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ING AND EXTENDING CERTAIN POOLS  
IN SAN JUAN, MCKINLEY, SANDOVAL  
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BLACKWOOD & NICHOLS COMPANY, LTD.  
AND  
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BEFORE THE COMMISSION OF ORDER NO. R-5339

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"(10) That there is need for the creation of a new gas pool in San Juan County, New Mexico, for the production of gas from the Chacra formation, said pool to bear the designation of Navajo City-Chacra Pool. Said Navajo City-Chacra Pool was discovered by the Lively Exploration Company Well No. 7-Y, located in Unit E of Section 35, Township 30 North, Range 8 West, NMPM. It was completed in the Chacra formation on April 20, 1975. The top of the perforated interval is at 3,685 feet.

(11) That there is need for the creation of a new gas pool in San Juan County, New Mexico, for the production of gas from the Chacra formation, said pool to bear the designation of Animas-Chacra Pool. Said Animas-Chacra Pool was discovered by the Mesa Petroleum Corporation Primo Well No. 1-A, located in Unit D of Section 6, Township 31 North, Range 10 West, NMPM. It was completed in the Chacra formation on December 31, 1975. The top of the perforated interval is at 3,444 feet."

Accordingly, the Commission ordered as follows:

"(i) That a new pool in San Juan County, New Mexico, classified as a gas pool for Chacra production, is hereby created and designated as the Navajo City-Chacra Pool, consisting of the following-described area:

TOWNSHIP 30 NORTH, RANGE 8 WEST, NMPM

Section 24: S/2  
Section 25: All  
Section 35: N/2  
Section 36: N/2

(j) That a new pool in San Juan County, New Mexico, classified as a gas pool for Chacra production, is hereby created and designated as the Animas-Chacra Pool, consisting of the following-described area:

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3. The Commission has instituted a Mesaverde Study Group for the purpose of defining the Chacra producing area and the Mesaverde producing zone. The Mesaverde Study Group has specifically been charged with two tasks: one, to define a northwest trending line across the San Juan Basin portraying the north-eastern most limit of the "Chacra" sandstone, and two, to prepare a set of reference logs throughout the basin showing the top and



bottom of the "Mesaverde producing interval". The results of the foregoing study may establish that the above described lands lie beyond the northeastern most limit of the "Chacra" sandstone, and that the producing intervals therein lie within the "Mesaverde producing interval". It is therefore submitted that on hearing de novo, the Commission should delete the foregoing provisions from Order No. R-5339.

WHEREFORE, the Commission is requested to grant a hearing de novo before the Commission of Order No. R-5339, and, upon such hearing, to delete from such Order finding paragraphs (10) and (11), and ordering paragraphs (i) and (j).

Respectfully submitted,

McAFEE, TAFT, MARK, BOND, RUCKS &  
WOODRUFF A Professional Corporation  
Fifth Floor  
One Hundred Park Avenue Building  
Oklahoma City, Oklahoma 73102  
(405) 235-9621

Stanley L. Cunningham  
Terry R. Barrett

By Stanley L. Cunningham  
Stanley L. Cunningham

Attorneys for Blackwood & Nichols  
Company, Ltd. and  
Blackwood & Nichols Co., Ltd.

Dated at Oklahoma City, Oklahoma,  
February 10, 1977.

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

Case No. 5821  
Order No. R-5339

THE APPLICATION OF THE OIL CON-  
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FOR DE NOVO HEARING  
BEFORE THE COMMISSION OF ORDER NO. R-5339

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(11) That there is need for the creation of a new gas pool in San Juan County, New Mexico, for the production of gas from the Chacra formation, said pool to bear the designation of Animas-Chacra Pool. Said Animas-Chacra Pool was discovered by the Mesa Petroleum Corporation Primo Well No. 1-A, located in Unit D of Section 6, Township 31 North, Range 10 West, NMPM. It was completed in the Chacra formation on December 31, 1975. The top of the perforated interval is at 3,444 feet."

Accordingly, the Commission ordered as follows:

"(i) That a new pool in San Juan County, New Mexico, classified as a gas pool for Chacra production, is hereby created and designated as the Navajo City-Chacra Pool, consisting of the following-described area:

TOWNSHIP 30 NORTH, RANGE 8 WEST, NMPM

Section 24: S/2

Section 25: All

Section 35: N/2

Section 36: N/2

(j) That a new pool in San Juan County, New Mexico, classified as a gas pool for Chacra production, is hereby created and designated as the Animas-Chacra Pool, consisting of the following-described area:

TOWNSHIP 31 NORTH, RANGE 10 WEST, NMPM

Section 6: NW/4"

3. The Commission has instituted a Mesaverde Study Group for the purpose of defining the Chacra producing area and the Mesaverde producing zone. The Mesaverde Study Group has specifically been charged with two tasks; one, to define a northwest trending line across the San Juan Basin portraying the northeastern most limit of the "Chacra" sandstone, and two, to prepare a set of reference logs throughout the basin showing the top and


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WHEREFORE, the Commission is requested to grant a hearing de novo before the Commission of Order No. R-5339, and, upon such hearing, to delete from such Order finding paragraphs (10) and (11), and ordering paragraphs (i) and (j).

Respectfully submitted,

McAFEE, TAFT, MARK, BOND, RUCKS &  
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Fifth Floor  
One Hundred Park Avenue Building  
Oklahoma City, Oklahoma 73102  
(405) 235-9621

Stanley L. Cunningham  
Terry R. Barrett

By   
Stanley L. Cunningham

Attorneys for Blackwood & Nichols  
Company, Ltd. and  
Blackwood & Nichols Co., Ltd.

Dated at Oklahoma City, Oklahoma,  
February 10, 1977.

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

Case No. 5821  
Order No. R-5339

THE APPLICATION OF THE OIL CON-  
SERVATION COMMISSION UPON ITS  
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BLACKWOOD & NICHOLS COMPANY, LTD.  
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FOR DE NOVO HEARING  
BEFORE THE COMMISSION OF ORDER NO. R-5339

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(11) That there is need for the creation of a new gas pool in San Juan County, New Mexico, for the production of gas from the Chacra formation, said pool to bear the designation of Animas-Chacra Pool. Said Animas-Chacra Pool was discovered by the Mesa Petroleum Corporation Primo Well No. 1-A, located in Unit D of Section 6, Township 31 North, Range 10 West, NMPM. It was completed in the Chacra formation on December 31, 1975. The top of the perforated interval is at 3,444 feet."

Accordingly, the Commission ordered as follows:

"(i) That a new pool in San Juan County, New Mexico, classified as a gas pool for Chacra production, is hereby created and designated as the Navajo City-Chacra Pool, consisting of the following-described area:

TOWNSHIP 30 NORTH, RANGE 8 WEST, NMPM

Section 24: S/2

Section 25: All

Section 35: N/2

Section 36: N/2

(j) That a new pool in San Juan County, New Mexico, classified as a gas pool for Chacra production, is hereby created and designated as the Animas-Chacra Pool, consisting of the following-described area:

TOWNSHIP 31 NORTH, RANGE 10 WEST, NMPM

Section 6: NW/4"

3. The Commission has instituted a Mesaverde Study Group for the purpose of defining the Chacra producing area and the Mesaverde producing zone. The Mesaverde Study Group has specifically been charged with two tasks; one, to define a northwest trending line across the San Juan Basin portraying the north-eastern most limit of the "Chacra" sandstone, and two, to prepare a set of reference logs throughout the basin showing the top and

bottom of the "Mesaverde producing interval". The results of the foregoing study may establish that the above described lands lie beyond the northeastern most limit of the "Chacra" sandstone, and that the producing intervals therein lie within the "Mesaverde producing interval". It is therefore submitted that on hearing de novo, the Commission should delete the foregoing provisions from Order No. R-5339.

WHEREFORE, the Commission is requested to grant a hearing de novo before the Commission of Order No. R-5339, and, upon such hearing, to delete from such Order finding paragraphs (10) and (11), and ordering paragraphs (i) and (j).

Respectfully submitted,

McAFEE, TAFT, MARK, BOND, RUCKS &  
WOODRUFF A Professional Corporation  
Fifth Floor  
One Hundred Park Avenue Building  
Oklahoma City, Oklahoma 73102  
(405) 235-9621

Stanley L. Cunningham  
Terry R. Barrett

By   
Stanley L. Cunningham

Attorneys for Blackwood & Nichols  
Company, Ltd. and  
Blackwood & Nichols Co., Ltd.

Dated at Oklahoma City, Oklahoma,  
February 10, 1977.

- (p) EXTEND the North Dagger Draw-Upper Pennsylvanian Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 24 EAST, NMPM  
Section 13: SE/4

- (q) EXTEND the South Empire-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

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

- (r) EXTEND the Indian Draw-Delaware Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM  
Section 7: S/2 SW/4  
Section 18: N/2 NE/4

- (s) EXTEND the South Loco Hills-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
Section 29: All

- (t) EXTEND the Red Lake Queen-Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM  
Section 22: S/2 NE/4  
Section 23: S/2 SE/4 and SW/4 NW/4

- (u) EXTEND the North Teague-Devonian Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM  
Section 22: SE/4

- (v) EXTEND the North Vacuum-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM  
Section 2: NW/4

- (w) EXTEND the Warren-Tubb Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM  
Section 21: S/2

- (x) EXTEND the White City-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM  
Section 15: All  
Section 28: All

TOWNSHIP 25 SOUTH, RANGE 26 EAST, NMPM  
Section 2: All

Docket No. 10-77

Dockets Nos. 11-77 and 12-77 are tentatively set for hearing on April 6 and April 20, 1977. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: COMMISSION HEARING WEDNESDAY MARCH 23, 1977

1 P.M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM  
STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

CASE 5893: Application of the Oil Conservation Commission on its own motion for a redefinition of the vertical limits of the Blanco-Mesaverde Pool, Rio Arriba and San Juan Counties, New Mexico, to include the interval from the Huerfanito bentonite marker to a point 500 feet below the top of the Point Lookout sandstone, except that South and West of a Northwest-Southeast line generally running from the Northwest corner of Township 31 North, Range 13 West, to the Southwest corner of Township 24 North, Range 1 East, the vertical limits would include only the interval from a point 750 feet below the Huerfanito bentonite marker to 500 feet below the top of the Point Lookout sandstone.

CASE 5821: (DE NOVO)

Application of Blackwood & Nichols Co., Ltd., for a hearing de novo, San Juan County, New Mexico. Upon petition of applicant in the above-styled cause and pursuant to the provisions of Rule 1220, Paragraphs (i) and (j) of Case No. 5821 will be heard de novo for the purpose of considering the nullification of Paragraphs (i) and (j) of Order No. R-5339 which created and defined the Navajo City-Chacra Pool in Township 30 North, Range 8 West, and the Animas-Chacra Pool in Township 31 North, Range 10 West, both in San Juan County, New Mexico.



ROUGH

dr/

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE NO. 5821  
Order No. R-5339-A

THE APPLICATION OF THE OIL CONSERVATION  
COMMISSION UPON ITS OWN MOTION FOR AN  
ORDER CREATING AND EXTENDING CERTAIN  
POOLS IN SAN JUAN, MCKINLEY, SANDOVAL  
AND RIO ARriba COUNTIES, NEW MEXICO.

NUNC PRO TUNC

BY THE COMMISSION:

It appearing to the Commission that Order No. R-5339,  
dated January 25, 1977, does not correctly state the intended  
order of the Commission due to error:

IT IS THEREFORE ORDERED:

(1) That Paragraph (p) on Page 9 of Order No. R-5339,  
Case No. 5821, be and the same is hereby corrected to read in  
its entirety as follows:

"(p) That a new pool in Sandoval County, New  
Mexico, classified as a gas pool for Gallup  
production, is hereby created and designated as  
the Rusty-Gallup Pool, consisting of the following-  
described area:

TOWNSHIP 22 NORTH, RANGE 7 WEST, NMPM  
Section 16: NE/4"

(2) (3) That Paragraph (kk) on Page 14 of Order No. R-5339,  
Case No. 5821, be and the same is hereby corrected to read in  
its entirety as follows:

"(kk) 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 29 NORTH, RANGE 4 WEST, NMPM  
Section 19: S/2  
Section 30: All  
Section 31: NE/4  
Section 32: N/2 and SE/4

-2-

Case No. 5821

Order No. R-5339-A

TOWNSHIP 29 NORTH, RANGE 5 WEST, NMPM

Section 3: W/2

Section 10: N/2

Section 11: W/2

Section 13: W/2

Section 14: All"

(3) That the corrections set forth in this order be entered nunc pro tunc as of January 25, 1977.

DONE at Santa Fe, New Mexico, on this \_\_\_\_\_ day  
of February, 1977.

(2) That Paragraph (aa) on Page 12 of Order No. R-5339,  
Case No. 5821, be and the same is hereby corrected to read  
in its entirety as follows:

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE NO. 5821  
Order No. R-5339-A

THE APPLICATION OF THE OIL CONSERVATION  
COMMISSION UPON ITS OWN MOTION FOR AN  
ORDER CREATING AND EXTENDING CERTAIN  
POOLS IN SAN JUAN, MCKINLEY, SANDOVAL  
AND RIO ARriba COUNTIES, NEW MEXICO.

NUNC PRO TUNC

BY THE COMMISSION:

It appearing to the Commission that Order No. R-5339,  
dated January 25, 1977, does not correctly state the intended  
order of the Commission due to error:

IT IS THEREFORE ORDERED:

(1) That Paragraph (p) on Page 9 of Order No. R-5339,  
Case No. 5821, be and the same is hereby corrected to read in  
its entirety as follows:

"(p) That a new pool in Sandoval County, New  
Mexico, classified as a gas pool for Gallup  
production, is hereby created and designated as  
the Rusty-Gallup Pool, consisting of the following-  
described area:

TOWNSHIP 22 NORTH, RANGE 7 WEST, NMPM  
Section 16: NE/4"

(2) That Paragraph (aa) on Page 12 of Order No. R-5339,  
Case No. 5821, be and the same is hereby corrected to read  
in its entirety as follows:

"(aa) That the Blanco-Pictured Cliffs Pool  
in Rio Arriba 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 18: N/2

-2-

Case No. 5821  
Order No. R-5339-A

TOWNSHIP 31 NORTH, RANGE 10 WEST, NMPM

Section 3: All  
Section 4: All  
Section 9: All  
Section 10: All  
Section 13: All  
Section 14: E/2

TOWNSHIP 32 NORTH, RANGE 11 WEST, NMPM

Section 15: W/2  
Section 18: S/2

TOWNSHIP 32 NORTH, RANGE 12 WEST, NMPM

Section 13: N/2 and SE/4"

(3) That Paragraph (kk) on Page 14 of Order No. R-5339, Case No. 5821, be and the same is hereby corrected to read in its entirety as follows:

"(kk) 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 29 NORTH, RANGE 4 WEST, NMPM

Section 19: S/2  
Section 30: All  
Section 31: NE/4  
Section 32: N/2 and SE/4

TOWNSHIP 29 NORTH, RANGE 5 WEST, NMPM

Section 3: W/2  
Section 10: N/2  
Section 11: W/2  
Section 13: W/2  
Section 14: All"

(4) That the corrections set forth in this order be entered nunc pro tunc as of January 25, 1977.

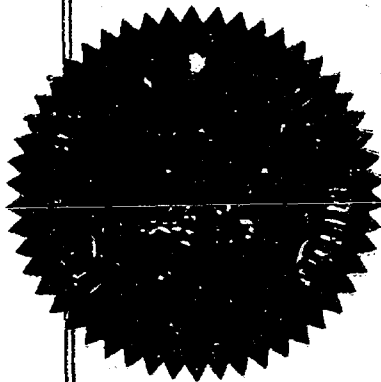
DONE at Santa Fe, New Mexico, on this 8th day of February, 1977.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

*Phil R. Lucero*  
PHIL R. LUCERO, Chairman

*Emery C. Arnold*  
EMERY C. ARNOLD, Member

*Joe D. Ramer*  
JOE D. RAMER, Member & Secretary



Dockets Nos. 1-77 and 2-77 are tentatively set for hearing on January 5 and 19, 1977. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - DECEMBER 15, 1976

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

The following cases will be heard before Richard L. Stamets, Examiner, or Daniel S. Rutter, Alternate Examiner:

- ALLOWABLE: (1) Consideration of the allowable production of gas for January, 1977, from seventeen prorated pools in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico.
- ✓ (2) Consideration of the allowable production of gas for January, 1977, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.

CASE 5795: (Continued from November 10, 1976, Examiner Hearing)

✓ In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Hixon Development Company, National Surety Corporation, and all other interested parties to appear and show cause why the Central Bisti Unit Wells Nos. 41, 46, 47, 49 and 50 located in Units D, I, K, M, and O, respectively, of Section 16, Township 25 North, Range 12 West, Bisti-Lower Gallup Pool, San Juan County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.

4 CASE 5815: Application of Mark Production Company for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the San Andres formation underlying the NW/4 SE/4 of Section 1, Township 18 South, Range 26 East, Red Lake-San Andres Pool, Eddy County, New Mexico, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

Need Order ✓ CASE 5816: Application of Texas Oil & Gas Corporation for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox gas well location of its Huber Federal Well No. 1 to be drilled 1,027 feet from the North line and 2220 feet from the East line of Section 27, Township 23 South, Range 22 East, Eddy County, New Mexico, the N/2 of said Section 27 to be dedicated to the well.

Con't readvertise ✓ CASE 5820: Application of Texas Oil & Gas Corporation for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp and Pennsylvanian formations underlying the W/2 of Section 4, Township 22 South, Range 22 East, Eddy County, New Mexico, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

✓ CASE 5817: Application of Read & Stevens, Inc., for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox gas well location of its W. R. State Comm. Well No. 1 to be drilled 660 feet from the South line and 990 feet from the East line of Section 6, Township 21 South, Range 27 East, Burton Flat-Morrow Gas Pool, Eddy County, New Mexico, Lots 9, 10, 15, and 16, and the SE/4 of said Section 6 to be dedicated to the well.

✓ CASE 5818: Application of Union Oil Company of California for the reinstatement of allowable, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks reinstatement of oil allowable for its Tracy Well No. 1 located in Unit C of Section 10, Township 22 South, Range 27 East, Esperanza-Delaware Pool, Eddy County, New Mexico.

Dismiss ✓ CASE 5819: In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Seurlock Oil Company to appear and show cause why it should not be found in violation of Rule 801, Commission Rules and Regulations, for purchasing, acquiring, transporting or handling of crude petroleum oil produced in excess of the allowable by Union Oil Company from its California Tracy Lease, Esperanza-Delaware Pool, Eddy County, New Mexico.

✓ CASE 5823: Application of Thornton Hopper for salt water disposal, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Delaware formation through the open-hole interval from 1957 feet to 2000 feet of his Bradley Federal Well No. 6, located in Unit D of Section 11, Township 24 South, Range 26 East, Black River-Delaware Pool, Eddy County, New Mexico.

CASE 5822: Southeastern New Mexico nomenclature case calling for the creation, extension, and contraction of certain pools in Lea and Chaves Counties, New Mexico.

a) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Bone Springs production and designated as the Antelope Ridge-Bone Springs Pool. The discovery well is the Superior Oil Company State "R" Well No. 1 located in Unit H of Section 25, Township 23 South, Range 34 East, 12MPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, 12MPM  
Section 25: SW/4

b) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Devonian production and designated as the North Teague-Devonian Gas Pool. A geological study found the northeast portion of the North Teague Devonian Pool to be a separate reservoir due to faulting. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, 12MPM  
Section 22: SW/4  
Section 27: N/2 and N/2 S/2

c) CONTRACT the Teague-Devonian Pool by the deletion of the following described area:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, 12MPM  
Section 22: SW/4  
Section 26: All  
Section 27: N/2 and N/2 S/2

d) EXTEND the Blinebry Oil and Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, 12MPM  
Section 18: NE/4

e) EXTEND the Chaveroo-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 33 EAST, 12MPM  
Section 17: SW/4

f) EXTEND the Flying "M"-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, 12MPM  
Section 20: SW/4

g) EXTEND the South Leonard-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 26 SOUTH, RANGE 37 EAST, 12MPM  
Section 13: SE/4

h) EXTEND the East Lusk-Bone Springs Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, 12MPM  
Section 15: SW/4

i) EXTEND the Maljamar-Grayburg-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 33 EAST, 12MPM  
Section 14: NE/4

j) EXTEND the Sawyer-San Andres Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 10 SOUTH, RANGE 38 EAST, 12MPM  
Section 6: W/2

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

TOWNSHIP 8 SOUTH, RANGE 31 EAST, 12MPM  
Section 2: NE/4

l) EXTEND the North Vacuum-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, 12MPM  
Section 7: NE/4

CASE 2629: Northwestern New Mexico nomenclature case calling for the creation and extension of certain pools in San Juan, Rio Arriba, McKinley and Sandoval Counties, New Mexico.

- a) CREATE a new pool in San Juan County, New Mexico, classified as a gas pool for Pictured Cliffs production and designated as the Potwin-Pictured Cliffs Gas Pool. The discovery well is the Dugan Production Corporation Mountain Well No. 1 located in Unit J of Section 15, Township 24 North, Range 8 West, N2PM. Said pool would comprise:

TOWNSHIP 24 NORTH, RANGE 8 WEST, N2PM VR

Section 14: SW/4

Section 15: All

Section 16: E/2

- b) CREATE a new pool in San Juan County, New Mexico, classified as a gas pool for Pictured Cliffs production and designated as the Albino-Pictured Cliffs Gas Pool. The discovery well is the Coastline Petroleum Company, Inc. #3 Schalk Well No. 94 located in Unit M of Section 26, Township 32 North, Range 8 West, N2PM. Said pool would comprise:

TOWNSHIP 32 NORTH, RANGE 8 WEST, N2PM VR

Section 26: SW/4

- c) CREATE a new pool in San Juan County, New Mexico, classified as a gas pool for Dakota production and designated as the Straight Canyon-Dakota Gas Pool. The discovery well is the Robert C. Anderson Ute Mountain Ute Well No. 1 located in Unit L of Section 14, Township 31 North, Range 16 West, N2PM. Said pool would comprise:

TOWNSHIP 31 NORTH, RANGE 16 WEST, N2PM VR

Section 14: SW/4

- d) CREATE a new pool in McKinley County, New Mexico, classified as an oil pool for Dakota production and designated as the Marcelina-Dakota Oil Pool. The discovery well is the Fairfax Exploration Corporation Bullseye Well No. 3 located in Unit N of Section 18, Township 16 North, Range 9 West, N2PM. The top of the perforations is at 1797 feet. Said pool would comprise:

TOWNSHIP 16 NORTH, RANGE 9 WEST, N2PM VR

Section 18: S/2 SW/4

Section 19: N/2 NW/4

TOWNSHIP 16 NORTH, RANGE 10 WEST, N2PM VR

Section 24: NE/4 NE/4

- e) CREATE a new pool in San Juan County, New Mexico, classified as a gas pool for Fruitland production and designated as the Jasis Canyon-Fruitland Gas Pool. The discovery well is the Mesa Petroleum Corporation State Com Well No. 39 located in Unit C of Section 36, Township 29 North, Range 8 West, N2PM. Said pool would comprise:

TOWNSHIP 29 NORTH, RANGE 8 WEST, N2PM VR

Section 36: NW/4

- f) CREATE a new pool in San Juan County, New Mexico, classified as a gas pool for Fruitland production and designated as the Crouch Mesa-Fruitland Gas Pool. The discovery well is the Riggs Oil & Gas Corporation Federal Well No. 1 located in Unit F of Section 4, Township 29 North, Range 12 West, N2PM. Said pool would comprise:

TOWNSHIP 29 NORTH, RANGE 12 WEST, N2PM VR

Section 4: NW/4

- g) CREATE a new pool in San Juan County, New Mexico, classified as a gas pool for Fruitland production and designated as the Sedro Canyon-Fruitland Gas Pool. The discovery well is the Southern Union Production Company Seymour Well No. 9 located in Unit F of Section 23, Township 31 North, Range 9 West, N2PM. Said pool would comprise:

TOWNSHIP 31 NORTH, RANGE 9 WEST, N2PM VR

Section 23: NW/4

- h) CREATE a new pool in Sandoval County, New Mexico, classified as a gas pool for Chacra production and designated as the Rusty-Chacra Gas Pool. The discovery well is the Chace Oil Company Rusty Navajo Well No. 1Y located in Unit A of Section 23, Township 22 North, Range 7 West, N2PM. Said pool would comprise:



TOWNSHIP 22 NORTH, RANGE 7 WEST, N27M

Section 13: E/2

Section 23: A11

Section 24: N/2

Section 26: N/2

- 10 i) CREATE a new pool in San Juan County, New Mexico, classified as a gas pool for Chacra production and designated as the Navajo City-Chacra Gas Pool. The discovery well is the Lively Exploration Company Lively Well No. 7Y located in Unit E of Section 35, Township 30 North, Range 8 West, N27M. Said pool would comprise:

TOWNSHIP 30 NORTH, RANGE 8 WEST, N27M

Section 24: S/2

Section 25: A11

Section 35: N/2

Section 36: N/2

- 11 j) CREATE a new pool in San Juan County, New Mexico, classified as a gas pool for Chacra production and designated as the Animas-Chacra Gas Pool. The discovery well is the Mesa Petroleum Corporation Primo Well No. 1A located in Unit D of Section 6, Township 31 North, Range 10 West, N27M. Said pool would comprise:

TOWNSHIP 31 NORTH, RANGE 10 WEST, N27M

Section 6: NW/4

- 12 k) CREATE a new pool in San Juan County, New Mexico, classified as an oil pool for Mississippian production and designated as the Beautiful Mountain-Mississippian Oil Pool. The discovery well is the Petroleum Energy Corporation Navajo Well No. 1-5 located in Unit F of Section 5, Township 26 North, Range 19 West, N27M. The top of the perforations is at 5960 feet. Said pool would comprise:

TOWNSHIP 26 NORTH, RANGE 19 WEST, N27M

Section 5: NW/4

- 13 l) CREATE a new pool in San Juan County, New Mexico, classified as a gas pool for Mississippian production and designated as the North Tooto Dome-Mississippian Gas Pool. The discovery well is the Saguaro Oil Company Staver Navajo Well No. 1 located in Unit M of Section 34, Township 27 North, Range 18 West, N27M. Said pool would comprise:

TOWNSHIP 27 NORTH, RANGE 18 WEST, N27M

Section 34: S/2

- 14 m) CREATE a new pool in McKinley County, New Mexico, classified as an oil pool for Mesaverde production and designated as the Franciscan Lake-Mesaverde Oil Pool. The discovery well is the Basin Fuels Inc. Star Well No. 1 located in Unit M of Section 7, Township 20 North, Range 5 West, N27M. The top of the perforations is at 1980 feet. Said pool would comprise:

TOWNSHIP 20 NORTH, RANGE 5 WEST, N27M

Section 7: A11

Section 18: N/2

TOWNSHIP 20 NORTH, RANGE 6 WEST, N27M

Section 12: E/2

- 15 n) CREATE a new pool in San Juan County, New Mexico, classified as a gas pool for Gallup production and designated as the Albino-Gallup Gas Pool. The discovery well is the Coastline Petroleum Co., Inc. Schalk 94 Well No. 1 located in Unit A of Section 26, Township 32 North, Range 8 West, N27M. Said pool would comprise:

TOWNSHIP 32 NORTH, RANGE 8 WEST, N27M

Section 26: NE/4

- 16 o) CREATE a new pool in San Juan County, New Mexico, classified as an oil pool for Gallup production and designated as the Knickerbocker Buttes-Gallup Oil Pool. The discovery well is the El Paso Natural Gas Company Schusacher Well No. 13 located in Unit H of Section 17, Township 30 North, Range 10 West, N27M. The top of the perforations is at 6440 feet. Said pool would comprise:

TOWNSHIP 30 NORTH, RANGE 10 WEST, N27M

Section 17: SE/4

- p) CREATE a new pool in Sandoval County, New Mexico, classified as a gas pool for Gallup production and designated as the Rusty-Gallup Gas Pool. The discovery well is the Engineering & Production Services, Inc. Dona State Well No. 1 located in Unit H of Section 16, Township 22 North, Range 7 West, NMPM. Said pool would comprise:

TOWNSHIP 22 NORTH, RANGE 7 WEST, NMPM  
Section 16: ~~NE/4~~

- q) CREATE a new pool in Sandoval County, New Mexico, classified as an oil pool for Gallup production and designated as the Alamito-Gallup Oil Pool. The discovery well is the ECO, Inc. Federal C Well No. 1 located in Unit P of Section 31, Township 23 North, Range 7 West, NMPM. The top of the perforations is at 4706 feet. Said pool would comprise:

TOWNSHIP 23 NORTH, RANGE 7 WEST, NMPM  
Section 31: ~~SW/4~~ SE/4

- r) CREATE a new pool in San Juan County, New Mexico, classified as an oil pool for Gallup production and designated as the Magezi-Gallup Oil Pool. The discovery well is the ECO, Inc. Federal D Well No. 1 located in Unit G of Section 1, Township 23 North, Range 9 West, NMPM. The top of the perforations is at 5079 feet. Said pool would comprise:

TOWNSHIP 23 NORTH, RANGE 8 WEST, NMPM  
Section 6: S/2  
Section 7: N/2  
Section 8: ~~NW/4~~ SE/4 SW/2

TOWNSHIP 23 NORTH, RANGE 9 WEST, NMPM  
Section 1: ~~W/2~~ E/2

- s) CREATE a new pool in Rio Arriba County, New Mexico, classified as an oil pool for Gallup production and designated as the Ojito-Gallup Oil Pool. The discovery well is the Skelly Oil Company C. W. Roberts Well No. 4 located in Unit H of Section 17, Township 25 North, Range 3 West, NMPM. The top of the perforations is at 6960 feet. Said pool would comprise:

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM  
Section 17: ~~SW/4~~

- t) CREATE a new pool in Sandoval County, New Mexico, classified as an oil pool for Gallup production and designated as the Media-Gallup Oil Pool. The discovery well is the Petro Lewis Corporation Federal Media Well No. 7 located in Unit G of Section 22, Township 19 North, Range 3 West, NMPM. The top of the perforations is at 2793 feet. Said pool would comprise:

TOWNSHIP 19 NORTH, RANGE 3 WEST, NMPM  
Section 22: ~~SW/4~~ NE/4

- u) CREATE a new pool in San Juan County, New Mexico, classified as a gas pool for Farmington production and designated as the South Gallegos-Farmington Gas Pool. The discovery well is the Dugan Production Corporation Benjamin Franklin Well No. 1 located in Unit G of Section 2, Township 26 North, Range 12 West, NMPM. Said pool would comprise:

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM  
Section 2: S/2  
Section 10: NE/4  
Section 11: NW/4

- v) EXTEND the Angels Peak Gallup Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 27 NORTH, RANGE 10 WEST, NMPM  
Section 36: All

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

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM  
Section 4: W/2

TOWNSHIP 30 NORTH, RANGE 10 WEST, NMPM  
Section 33: ~~SW/4~~

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

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM  
Section 19: W/2

y) EXTEND the Ballard Pictured Cliffs Pool in Sandoval County, New Mexico, to include therein:

TOWNSHIP 23 NORTH, RANGE 4 WEST, N2PM  
Section 19: S/2  
Section 20: All  
Section 21: W/2  
Section 27: W/2 & SE/4  
Section 28: All  
Section 29: All  
Section 30: All  
Section 31: N/2  
Section 32: N/2  
Section 33: NW/4

TOWNSHIP 24 NORTH, RANGE 4 WEST, N2PM  
Section 33: W/2

TOWNSHIP 24 NORTH, RANGE 6 WEST, N2PM  
Section 35: SW/4

z) EXTEND the Blanco Mesaverde Pool in Rio Arriba and San Juan Counties, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 4 WEST, N2PM  
Section 2: W/2  
Section 3: E/2  
Section 4: All  
Section 9: All  
Section 16: N/2

TOWNSHIP 30 NORTH, RANGE 5 WEST, N2PM  
Section 4: All  
Section 5: All

TOWNSHIP 32 NORTH, RANGE 5 WEST, N2PM  
Section 33: All

aa) EXTEND the Blanco Pictured Cliffs Pool in Rio Arriba and San Juan Counties, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 7 WEST, N2PM  
Section 18: N/2

TOWNSHIP 31 NORTH, RANGE 10 WEST, N2PM  
Section 3: All  
Section 4: All  
Section 9: All  
Section 10: All  
Section 13: All  
Section 14: E/2

TOWNSHIP 32 NORTH, RANGE 10 WEST, N2PM  
Section 30: W/2  
Section 31: NW/4

TOWNSHIP 32 NORTH, RANGE 11 WEST, N2PM  
Section 15: W/2  
Section 16: S/2

TOWNSHIP 32 NORTH, RANGE 12 WEST, N2PM  
Section 13: E/2 & SE/4

bb) EXTEND the South Blanco Pictured Cliffs Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 4 WEST, N2PM  
Section 9: S/2  
Section 13: S/2  
Section 16: All  
Section 21: W/2

cc) EXTEND the Bloomfield Chacara Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 29 NORTH, RANGE 10 WEST, 12PM  
Section 9: S/2  
Section 10: S/2  
Section 11: S/2  
Section 12: S/2

TOWNSHIP 29 NORTH, RANGE 11 WEST, 12PM  
Section 32: NE/4

dd) EXTEND the Campo Gallup Pool in Rio Arriba County, New Mexico, to include therein:

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

ee) EXTEND the Devils Fork Gallup Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 6 WEST, 12PM  
Section 3: SW/4  
Section 9: E/2 NE/4  
Section 10: NW/4

ff) EXTEND the Devils Fork Mesaverde Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 6 WEST, 12PM  
Section 7: E/2  
Section 8: S/2  
Section 17: N/2

gg) EXTEND the Dufers Point Gallup-Dakota Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 7 WEST, 12PM  
Section 7: S/2  
TOWNSHIP 24 NORTH, RANGE 8 WEST, 12PM  
Section 12: SE/4

*Dismiss*

hh) EXTEND the Escrito Gallup Pool in San Juan and Rio Arriba Counties, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 7 WEST, 12PM  
Section 18: SW/4

TOWNSHIP 24 NORTH, RANGE 8 WEST, 12PM  
Section 2: SW/4  
Section 11: NW/4  
Section 10: N/2

TOWNSHIP 25 NORTH, RANGE 9 WEST, 12PM  
Section 12: E/2  
Section 13: E/2  
Section 24: E/2

*Dismiss*

ii) EXTEND the Callegos Gallup Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 10 WEST, 12PM  
Section 17: W/2 & SE/4  
Section 18: S/2

TOWNSHIP 26 NORTH, RANGE 11 WEST, 12PM  
Section 13: S/2  
Section 24: N/2

TOWNSHIP 27 NORTH, RANGE 13 WEST, 12PM  
Section 26: S/2  
Section 27: E/2

jj) EXTEND the South Callegos Fruitland Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 11 WEST, 12PM  
Section 7: All

TOWNSHIP 26 NORTH, RANGE 12 WEST, 12PM  
Section 8: N/2  
Section 9: N/2

TOWNSHIP 26 NORTH, RANGE 12 WEST, 12PM con'd  
Section 10: N/2  
Section 13: E/2  
Section 24: E/2  
Section 25: E/2

kk) EXTEND the Gobernador Pictured Cliffs Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 29 NORTH, RANGE 4 WEST, 12PM  
Section 19: S/2  
Section 30: All  
Section 31: NE/4  
Section 32: N/2 & SE/4

TOWNSHIP 29 NORTH, RANGE 5 WEST, 12PM  
Section 3: W/2  
Section 10: N/2  
Section 11: W/2  
Section 13: W/2  
Section 14: All

ll) EXTEND the Kutz Fruitland Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 10 WEST, 12PM  
Section 30: S/2  
Section 31: N/2

mm) EXTEND the Kutz Gallup Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 27 NORTH, RANGE 10 WEST, 12PM  
Section 5: NE/4  
Section 6: N/2  
Section 32: SW/4

TOWNSHIP 27 NORTH, RANGE 11 WEST, 12PM  
Section 1: N/2

28 N-10W  
Sec 32: SW/4

nn) EXTEND the Largo Chacra Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 27 NORTH, RANGE 8 WEST, 12PM  
Section 3: S/2  
Section 4: SE/4  
Section 22: N/2

oo) EXTEND the West Lindrith Gallup Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 4 WEST, 12PM  
Section 17: S/2  
Section 18: S/2  
Section 20: W/2 & NE/4

pp) EXTEND the NIPP Pictured Cliffs Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 12 WEST, 12PM  
~~Section 2: W/2~~  
Section 3: All  
~~Section 11: W/2~~

TOWNSHIP 26 NORTH, RANGE 12 WEST, 12PM  
Section 20: NE/4  
Section 21: SE/4  
Section 22: S/2

qq) EXTEND the Otero Chacra Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 6 WEST, 12PM  
Section 4: W/2  
Section 5: S/2  
Section 7: All  
Section 8: NW/4  
Section 25: SW/4

TOWNSHIP 26 NORTH, RANGE 7 WEST, 12PM  
Section 12: E/2

rr) EXTEND the Otero Gallup Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 5 WEST, N2PM  
Section 15: S/2

TOWNSHIP 25 NORTH, RANGE 5 WEST, N2PM  
Section 26: S/2

ss) EXTEND the East Puerto Chiquito Gallup Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 1 EAST, N2PM  
Section 5: All

*Dismiss wrong pool/  
Name*

tt) EXTEND the Pinon Fruitland Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 12 WEST, N2PM  
Section 22: N/2  
Section 23: N/2  
Section 24: N/2

uu) EXTEND the Rusty Menefee Pool in Sandoval County, New Mexico, to include therein:

TOWNSHIP 22 NORTH, RANGE 7 WEST, N2PM  
Section 13: SW/4  
Section 14: SE/4

vv) EXTEND the Tapacito Pictured Cliffs Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 4 WEST, N2PM  
Section 22: W/2

TOWNSHIP 27 NORTH, RANGE 4 WEST, N2PM  
Section 8: W/2  
Section 17: W/2  
Section 19: NE/4  
Section 20: NW/4

ww) EXTEND the Ute Dome Dakota Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 32 NORTH, RANGE 13 WEST, N2PM  
Section 30: SW/4

xx) EXTEND the WAW Pictured Cliffs Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 13 WEST, N2PM  
Section 4: NW/4

TOWNSHIP 27 NORTH, RANGE 13 WEST, N2PM  
Section 29: NW/4  
Section 30: NE/4  
Section 31: NW/4  
Section 33: All  
Section 34: SW/4 & N/2

*Sec 27: SE/4*

BEFORE EXAMINER STAMETS  
OIL CONSERVATION COMMISSION

EXHIBIT NO. 1

CASE NO. 5821

Submitted by \_\_\_\_\_

Hearing Date 12-15-76

NMOCC Exhibit No. 1  
Case No.

The following is recommended for the northwest nomenclature case for December, 1976.

- (a). Create a new gas pool in San Juan County for Pictured Cliffs production to be known as the Potwin-Pictured Cliffs Gas Pool and described as follows:

TOWNSHIP 24 NORTH, RANGE 8 WEST, NMPM,  
Section 14: SW/4  
Section 15: All  
Section 16: E/2

Based on:

Discovery well:  
Dugan Production Corporation #1 Mountain  
J-15-24N-8W  
AOF 126 MCFPD, SICP 585 #/7 days

Dugan Production Corporation #4 Mountain  
L-14-24N-8W  
Being Completed

Dugan Production Corporation #2 Mountain  
E-15-24N-8W  
Being Completed

Dugan Production Corporation #3 Mountain  
M-15-24N-8W  
Being Completed

Dugan Production Corporation #1 Mesa  
G-16-24N-8W  
AOF 377 MCFPD, SICP 560 #/7 days

Dugan Production Corporation #3 Mesa  
O-16-24N-8W  
Est. AOF 750 MCFPD, Est. SICP 560 #/7 days

- (b). Create a new gas pool in San Juan County for Pictured Cliffs production to be known as the Albino-Pictured Cliffs Gas Pool and described as follows:

TOWNSHIP 32 NORTH, RANGE 8 WEST, NMPM  
Section 26: SW/4

Based on:

Discovery well:  
Coastline Petroleum Company, Inc., #3 Schalk 94  
M-26-32N-8W  
AOF 556 MCFPD

- (c). Create a new gas pool in San Juan County for Dakota production to be known as the Straight Canyon-Dakota Gas Pool and described as follows:

TOWNSHIP 31 NORTH, RANGE 16 WEST, NMPM  
Section 14: W/2

Based on:

Discovery well:  
Robert C. Anderson #1 Ute Mountain  
L-14-31N-16W  
AOF 303 MCFPD, SICP 760 //

Case No.

- (d) Create a new oil pool in McKinley County for Dakota production to be known as the Marcelina-Dakota Oil Pool and described as follows:

TOWNSHIP 16 NORTH, RANGE 9 WEST, NMPM

Section 18: S/2 of SW/4

Section 19: N/2 of NW/4

TOWNSHIP 16 NORTH, RANGE 10 WEST, NMPM

Section 24: NE/4 of NE/4

Based on:

Discovery well:

Fairfax Exploration Corporation #3 Bullseye

N-18-16N-9W

IP 33 BOPD

Northern Minerals, Inc., #1 Marcelina

A-24-16N-10W

IP 70 BOPD

- (e) Create a new gas pool in San Juan County for Fruitland production to be known as the Jesus Canyon-Fruitland Gas Pool and described as follows:

TOWNSHIP 29 NORTH, RANGE 8 WEST, NMPM

Section 36: NW/4

Based on:

Discovery well:

Mesa Petroleum Corporation #39 State Com

C-36-29N-8W

AOB 3414 MCFPD, SICP 1063 #

- (f) Create a new gas pool in San Juan County for Fruitland production to be known as the Crouch Mesa-Fruitland Gas Pool and described as follows:

TOWNSHIP 29 NORTH, RANGE 12 WEST, NMPM

Section 4: NW/4

Based on:

Discovery well:

Riggs Oil & Gas Corporation #1 Federal

F-4-29N-12W

AOB 1500 MCFPD, SICP 410 #/7 days

- (g) Create a new gas pool in San Juan County for the Fruitland production to be known as the Sedro Canyon-Fruitland Gas Pool and described as follows:

TOWNSHIP 31 NORTH, RANGE 9 WEST, NMPM

Section 23: NW/4

Based on:

Discovery well:

Southern Union Production Company #9 Seymour

F-23-31N-9W

AOB 708 MCFPD, SICP 1361 #/7 days



Case No.

- (h) Create a new gas pool in Sandoval County for Chacra production to be known as the Rusty-Chacra Gas Pool and described as follows:

TOWNSHIP 22 NORTH, RANGE 7 WEST, NMPM

Section 13: E/2  
Section 13: All  
Section 24: N/2  
Section 26: N/2

Based on:

Discovery well:

Chace Oil Company #1-Y Rusty Navajo  
A-23-22N-7W  
AOF 900 MCFPD, SICP 395 #

Chace Oil Company #3 Gulf Federal  
G-13-22N-7W  
AOF 348 MCFPD, SICP 409 #

Chace Oil Company #2 Rusty Navajo  
C-23-22N-7W  
AOF 802 MCFPD, SICP 372 #

Chace Oil Company #3 Rusty Navajo  
K-23-22N-7W  
AOF 298 MCFPD, SICP 370 #/7 days

Chace Oil Company #4 Rusty Navajo  
F-26-22N-7W  
AOF 404 MCFPD, SICP 450 #/7 days

- (i) Create a new gas pool in San Juan County for Chacra production to be known as the Navajo City-Chacra Gas Pool and described as follows:

TOWNSHIP 30 NORTH, RANGE 8 WEST, NMPM

Section 24: S/2  
Section 25: All  
Section 35: N/2  
Section 36: N/2

Based on:

Discovery well:

Lively Exploration Company #7-Y Lively  
E-35-30N-8W  
AOF 4545 MCFPD, SICP 748 #/7 days

Blackwood & Nichols Company #64 Northeast Blanco Unit  
P-24-30N-8W  
AOF 9900 MCFPD, SICP 640 #

- (j) Create a new gas pool in San Juan County for Chacra production to be known as the Animas-Chacra Gas Pool and described as follows:

TOWNSHIP 31 NORTH, RANGE 10 WEST, NMPM

Section 6: NW/4

Based on:

Discovery well:

Mesa Petroleum Corporation #1A Primo  
D-6-31N-10W  
AOF 7264 MCFPD, SICP 758 #

Case No.

- (k) Create a new oil pool in San Juan County for Mississippian production to be known as the Beautiful Mountain-Mississippian Oil Pool and described as follows:

TOWNSHIP 26 NORTH, RANGE 19 WEST, NMPM  
Section 5: NW/4

Based on:

Discovery well:  
Petroleum Energy Corporation #1-5 Navajo  
F-5-26N-19W  
IP 110 BOPD

- (l) Create a new gas pool in San Juan County for Mississippian production to be known as the North Tocito Dome-Mississippian Gas Pool and described as follows:

TOWNSHIP 27 NORTH, RANGE 18 WEST, NMPM  
Section 34: S/2

Based on:

Discovery well:  
Saguaro Oil Company #1 Staver Navajo  
M-34-27N-18W  
AOF 2000 MCFPD, SICP 800 //

Consolidated Oil & Gas, Inc., #1 Staver Navajo  
O-34-27N-18W  
AOF 3349 MCFPD, SICP 2842 // 7 days

- (m) Create a new oil pool in McKinley County for Mesaverde production to be known as the Franciscan Lake-Mesaverde Oil Pool and described as follows:

TOWNSHIP 20 NORTH, RANGE 5 WEST, NMPM  
Section 7: All  
Section 18: N/2

TOWNSHIP 20 NORTH, RANGE 6 WEST, NMPM  
Section 12: E/2

Based on:

Discovery well:  
Basin Fuels, Inc., #1 Star  
M-7-20N-5W  
IP 15 BOPD

Basin Fuels, Inc., #2 Star  
F-7-20N-5W  
IP 41 BOPD

Basin Fuels, Inc., #2 Slick  
G-7-20N-5W  
IP 29 BOPD

Basin Fuels, Inc., #1 Slick  
O-7-20N-5W  
IP 25 BOPD

Basin Fuels, Inc., #1 McCollum  
P-12-20N-6W  
IP 11 BOPD

Basin Fuels, Inc., #1 Easter Flats  
H-12-20N-6W  
IP 32 BOPD

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Case No.

Basin Fuels, Inc. #1 Scooter  
D-18-20N-5W  
IP 38 BOPD

- (n) Create a new gas pool in San Juan County for Gallup production to be known as the Albino-Gallup Gas Pool and described as follows:

TOWNSHIP 32 NORTH, RANGE 8 WEST, NMPM  
Section 26: NE/4

Based on:

Discovery well:  
Coastline Petroleum Company, Inc., #1 Schalk 94  
A-26-32N-8W  
AOF 2901 MCFPD, SICP 1750 #/ 7 days  
Total comingled 91% Gallup

- (o) Create a new oil pool in San Juan County for Gallup production to be known as the Knickerbocker Buttes-Gallup Oil Pool and described as follows:

TOWNSHIP 30 NORTH, RANGE 10 WEST, NMPM  
Section 17: SW/4

Based on:

Discovery well:  
El Paso Natural Gas Company, #13 Schumacher  
N-17-30N-10W  
IP 5 BOPD

- (p) Create a new gas pool in Sandoval County for the Gallup production to be known as the Rusty-Gallup Gas Pool and described as follows:

TOWNSHIP 22 NORTH, RANGE 7 WEST, NMPM  
Section 16: NE/4

Based on:

Discovery well:  
Engineering & Production Service, Inc., #1 Dana State  
H-16-22N-7W  
IP of 155 MCFPD

- (q) Create a new oil pool in Sandoval County for Gallup production to be known as the Alamito-Gallup Oil Pool and described as follows:

TOWNSHIP 23 NORTH, RANGE 7 WEST, NMPM  
Section 31: SE/4

Based on:

Discovery well:  
BCO, Inc., #1 Federal C  
P-31-23N-7W  
IP 50 BOPD

BCO, Inc., #2 Federal C  
I-31-23N-7W  
IP 15 BOPD

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Case No.

- (r) Create a new oil pool in San Juan County for Gallup production to be known as the Nageezi-Gallup Oil Pool and described as follows:

TOWNSHIP 23 NORTH, RANGE 8 WEST, NMPM

Section 6: S/2

Section 7: N/2

Section 8: ~~W/2~~ & SE/4

W/2

TOWNSHIP 23 NORTH, RANGE 9 WEST, NMPM

Section 1: E/2

Based on:

Discovery well:

BCO, Inc., #1 Federal D

G-1-23N-9W

IP 82 BOPD

BCO, Inc., #1 Federal F

J-8-23N-8W

IP 27 BOPD

BCO, Inc., #2 Federal D

J-1-23N-9W

IP 9 BOPD

- (s) Create a new oil pool in Rio Arriba County for Gallup production to be known as the Ojito-Gallup Oil Pool and described as follows:

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM

Section 17: SW/4

Based on:

Discovery well:

Skelly Oil Company #4 C. W. Roberts

M-17-25N-3W

IP 9 BOPD

- (t) Create a new oil pool in Sandoval County for Gallup production to be known as the Media-Gallup Oil Pool and described as follows:

TOWNSHIP 19 NORTH, RANGE 3 WEST, NMPM

Section 22: SW/4 of NE/4

Based on:

Discovery well:

Petro Lewis Corporation, #7 Federal Media

G-22-19N-3W

IP 50 BOPD

- (u) Create a new gas pool in San Juan County for Farmington production to be known as the South Gallegos-Farmington Gas Pool and described as follows:

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM

Section 2: S/2

Section 10: NE/4

Section 11: NW/4

Based on:

Discovery well:

Dugan Production Corporation, #1 Benjamin Franklin

A-10-26N-12W

AOF 112 MCFPD, SICP 272 #

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Case No.

Jerome P. McHugh, #2 Bengal B  
O-2-26N-12W  
AOF 112 MCFPD, SICP 230 #/7 days

- (v) Extend the Angels Peak Gallup Pool boundary in San Juan County, New Mexico, to include therein:

TOWNSHIP 27 NORTH, RANGE 10 WEST, NMPM  
Section 36: All

Based on:

El Paso Natural Gas Company, #257 Huerfano  
F-36-27N-10W  
AOF 303 MCFPD, SICP 627 #/13 days

El Paso Natural Gas Company, #258 Huerfano  
P-36-27N-10W  
AOF 428 MCFPD, SICP 764 #/167 days

- (w) Extend the Aztec Fruitland Pool boundary in San Juan County, New Mexico, to include therein:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM  
Section 4: W/2

TOWNSHIP 30 NORTH, RANGE 10 WEST, NMPM  
Section 33: SW/4

Based on:

Tenneco Oil Company, #1 Bassett  
M-33-30N-10W  
AOF 508 MCFPD, SICP 452 #/3 days

- (x) Extend the Aztec Pictured Cliffs Pool boundary in San Juan County, New Mexico, to include therein:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM  
Section 19: W/2

Based on:

Horace F. McKay, #1-A Bearden  
C-19-29N-10W  
Q=353, PC=356 #/7 days

Horace F. McKay, #1 McKay  
K-19-29N-10W  
AOF 1315 MCFPD, SICP 406 #/8 days

- (y) Extend the Ballard Pictured Cliffs Pool boundary in Sandoval County, New Mexico, to include:

TOWNSHIP 23 NORTH, RANGE 4 WEST, NMPM  
Section 19: S/2  
Section 20: All  
Section 21: W/2  
Section 27: W/2 & SE/4  
Section 28: All  
Section 29: All  
Section 30: All  
Section 31: N/2  
Section 32: N/2  
Section 33: NW/4

TOWNSHIP 24 NORTH, RANGE 4 WEST, NMPM  
Section 33: N/2

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPM  
Section 35: SW/4

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Case No.

Based on:

Jack A. Cole, #1 Apache Flats  
M-21-23N-4W  
AOF 811 MCFPD, SICP 690 #

Jack A. Cole, #8 Apache Flats  
L-27-23N-4W  
AOF 739 MCFPD, SICP 690 #

Jack A. Cole, #13 Apache Flats  
O-27-23N-4W  
AOF 821 MCFPD, SICP 715 #

Jack A. Cole, #7 Apache Flats  
B-28-23N-4W  
AOF 750 MCFPD, SICP 720 #

Jack A. Cole, #11 Apache Flats  
J-28-23N-4W  
AOF 1100 MCFPD, SICP 714 #

Merrion & Bayless, #2 Jicarilla 428  
A-31-23N-4W  
AOF 1250 MCFPD,

Merrion & Bayless, #1 Jicarilla 428  
G-32-23N-4W  
AOF 2200 MCFPD

Merrion & Bayless, #1 Jicarilla 392  
E-33-23N-4W  
AOF 370 MCFPD

Chace Oil Company #3 Jicarilla 70  
C-33-24N-4W  
Q=88, SICP 642 #/7 days

El Paso Natural Gas Company, #263 Canyon Largo Unit  
K-35-24N-6W  
AOF 196 MCFPD, SICP 650 #/7 days

- (z) Extend the Blanco Mesaverde Pool boundary in Rio Arriba & San Juan Counties, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 4 WEST, NMPM

Section 2: W/2  
Section 3: E/2  
Section 4: All  
Section 9: All  
Section 16: N/2

TOWNSHIP 30 NORTH, RANGE 5 WEST, NMPM

Section 4: All  
Section 5: All

TOWNSHIP 32 NORTH, RANGE 5 WEST, NMPM

Section 33: All

Based on:

El Paso Natural Gas Company, #4 Jicarilla C  
G-16-25N-4W  
AOF 1322 MCFPD, SICP 872 #/21 days

Continental Oil Company, #10 AXI Apache  
L-2-25N-4W  
AOF 1134 MCFPD, SICP 1055 #/14 days

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Case No.

Northwest Pipeline Corporation, #43 San Juan 30-5 Unit  
M-5-30N-5W  
AOF 5137 MCFPD, SICP 1143 #

Coastline Petroleum Company, #3 Schalk 62  
P-33-32N-5W  
AOF 2802 MCFPD, SICP 810 #

- (aa) Extend the Blanco Pictured Cliffs Pool boundary in Rio Arriba & San Juan Counties, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 7 WEST, NMPM  
Section 18: N/2

TOWNSHIP 31 NORTH, RANGE 10 WEST, NMPM  
Section 3: All  
Section 4: All  
Section 9: All  
Section 10: All  
Section 13: All  
Section 14: E/2

TOWNSHIP 32 NORTH, RANGE 10 WEST, NMPM  
Section 30: W/2  
Section 31: NW/4

TOWNSHIP 32 NORTH, RANGE 11 WEST, NMPM  
Section 15: W/2  
Section 18: S/2

TOWNSHIP 32 NORTH, RANGE 12 WEST, NMPM  
Section 13: N/2 & SE/4

Based on:

El Paso Natural Gas Company, #245 San Juan 28-7 Unit  
B-18-28N-7W  
SICP 1047 #/7 days

El Paso Natural Gas Company, #13 Scott  
E-3-31N-10W  
AOF 1786 MCFPD, SICP 928 #/7 days

El Paso Natural Gas Company, #12 Scott  
G-3-31N-10W  
AOF 3296 MCFPD, SICP 932 #/7 days

El Paso Natural Gas Company, #10 Scott  
M-4-31N-10W  
AOF 1103 MCFPD, SICP 862 #/7 days

El Paso Natural Gas Company, #11 Scott  
C-9-31N-10W  
AOF 1911 MCFPD, SICP 868 #/7 days

Koch Industries, Inc., #4 Walker  
N-10-31N-10W  
AOF 2300 MCFPD, SICP 300 #

Koch Industries, Inc., #3 Walker  
P-10-31N-10W  
AOF 1576 MCFPD, SICP 887 #/9 days

Koch Industries, Inc., #5 Walker  
A-13-31N-10W  
AOF 1291 MCFPD, SICP 843 #/7 days

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Case No.

Koch Industries, Inc., #6 Walker  
P-13-31N-10W  
AOF 1426 MCFPD, SICP 790 #/7 days

Mesa Petroleum Company, #2A Hamilton  
F-30-32N-10W  
AOF 200 MCFPD,

Mesa Petroleum Company, #4A Suter  
E-15-32N-11W  
AOF 4815 MCFPD, SICP 738 #/7 days

Kimbark Operating Company, #8 Horton  
E-13-32N-12W  
AOF 2841 MCFPD, SICP 440 #

- (bb) Extend the South Blanco Pictured Cliffs Pool boundary in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 4 WEST, NMPM  
Section 9: S/2  
Section 13: S/2  
Section 16: All  
Section 21: N/2

Based on:

Manning Gas & Oil Company, #13 Apache  
I-13-24N-4W  
AOF 2454 MCFPD, SICP 900 #/9 days

Jack A. Cole, #1 Burro Canyon  
O-16-24N-4W  
AOF 938 MCFPD, SICP 905 #/8 days

Jack A. Cole, #2 Burro Canyon  
H-21-24N-4W  
AOF 947 MCFPD, SICP 905 #

- (cc) Extend the Bloomfield Chacra Pool boundary in San Juan County, New Mexico, to include therein:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM  
Section 9: S/2  
Section 10: S/2  
Section 11: S/2  
Section 12: S/2

TOWNSHIP 29 NORTH, RANGE 11 WEST, NMPM  
Section 35: NE/4

Based on:

El Paso Natural Gas Company, #7 Lackey  
O-12-29N-10W  
AOF 299 MCFPD, SICP 973 #/8 days

Southern Union Production Company, #8 Congress  
A-35-29N-11W  
AOF 1423 MCFPD, SICP 1022 #/9 days

- (dd) Extend the Campo Gallup Pool boundary in Rio Arriba County, New Mexico, to include therein:

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

Based on:

Continental Oil Company, #5 Conoco 29-4  
H-12-29N-4W  
AOF 694 MCFPD, SICP 2605 #/22 days



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Case No.

- (ee) Extend the Devils Fork Gallup Pool boundary in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPM  
Section 3: SW/4  
Section 9: E/2 of NE/4  
Section 10: NW/4

Based on:

Merrion & Bayless, #185 Canyon Largo Unit NP  
K-3-24N-6W  
IP 35 BOPD

- (ff) Extend the Devils Fork Mesaverde Pool boundary in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPM  
Section 7: E/2  
Section 8: S/2  
Section 17: N/2

Based on:

J. Gregory Merrion, #4 Edna  
H-7-24N-6W  
AOF 75 MCFPD, SICP 800 #

Merrion & Bayless, #122 Canyon Largo Unit  
O-8-24N-6W  
IP 187 BOPD

- (gg) OMIT

- (hh) Extend the Escrito Gallup Pool boundary in San Juan and Rio Arriba Counties New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 7 WEST, NMPM  
Section 18: SW/4

Based on:

BCO, INC., #20 Escrito Gallup Unit  
N-18-24N-7W  
IP 34 BOPD

Case No.

- (ii) Extend the Gallegos Gallup Pool boundary in San Juan County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 10 WEST, NMPM

Section 17: W/2 & SE/4

Section 18: S/2

TOWNSHIP 26 NORTH, RANGE 11 WEST, NMPM

Section 13: S/2

Section 24: N/2

TOWNSHIP 27 NORTH, RANGE 13 WEST, NMPM

Section 26: S/2

Section 27: E/2

Based on:

El Paso Natural Gas Company, #112 Huerfano Unit

F-17-26N-10W

IP 168 BOPD (1959)

El Paso Natural Gas Company, #104 Huerfano Unit

P-17-26N-10W

IP 188 BOPD (1958)

Dietrich Exploration Company, #1 Federal

G-27-27N-13W

IP 137 BOPD

Kirby Exploration Company, #1 Kirby Gallegos

P-26-27N-13W

IP 80 BOPD

- (jj) Extend the South Gallegos Fruitland Pool boundary in San Juan County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 11 WEST, NMPM

Section 7: All

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM

Section 8: N/2

Section 9: N/2

Section 10: N/2

Section 13: E/2

Section 24: E/2

Section 25: E/2

Based on:

Dugan Production Corporation, #6 Western Federal

J-7-26N-11W

AOF 229 MCFPD, SICP 395 #/7 days

Bedford, Inc., #1 Ram

A-8-26N-12W

AOF 650 MCFPD, SICP 320 #

Jerome P. McHugh, #8 Chaco Plant

O-25-26N-12W

O-25-26N-12W

AOF 258 MCFPD, SICP 225 #/7 days

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Case No.

(kk). Extend the Gobernador Pictured Cliffs Pool boundary in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 29 NORTH, RANGE 4 WEST, NMPM

Section 19: S/2  
Section 30: All  
Section 31: NE/4  
Section 32: N/2 & SE/4

TOWNSHIP 29 NORTH, RANGE 5 WEST, NMPM

Section 3: W/2  
Section 10: N/2  
Section 11: W/2  
Section 13: W/2  
Section 14: All

Based on:

John E. Schalk, #3 Schalk 29-4  
A-32-29N-4W  
AOF 780 MCFPD, SICP 1003 #

John E. Schalk, #4 Schalk 29-4  
D-32-29N-4W  
AOF 505 MCFPD, SICP 1065 #

John E. Schalk, #2 Schalk 29-4  
P-32-29N-4W  
AOF 1254 MCFPD, SICP 686 #

Dugan Production Corporation, #2 Sherman  
E-3-29N-5W  
AOF 625 MCFPD, SICP 1191 #/7 days

Dugan Production Corporation, #2 Sherman Edwards  
M-3-29N-5W  
AOF 1050 MCFPD, SICP 1174 #/7 days

(ll). Extend the Kutz Fruitland Pool boundary in San Juan County, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM

Section 30: S/2  
Section 31: N/2

Based on:

Dugan Production Corporation, #1 Knauff  
C-31-28N-10W  
AOF 328 MCFPD, SICP 550 #/7 days

(mm) Extend the Kutz Gallup Pool boundary in San Juan County, New Mexico, to include therein:

TOWNSHIP 27 NORTH, RANGE 10 WEST, NMPM

Section 5: NW/4  
Section 6: N/2

TOWNSHIP 27 NORTH, RANGE 11 WEST, NMPM

Section 1: N/2

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM

Section 32: SW/4

Based on:

Crown Central Petroleum Corporation, #1 Kutz "A" Federal  
K-32-28N-10W  
IP 15 BOPD

-14-  
Case No.

- (nn) Extend the Largo Chacra Pool boundary in San Juan County, New Mexico, to include therein:

TOWNSHIP 27 NORTH, RANGE 8 WEST, NMPM  
Section 3: S/2  
Section 4: SE/4  
Section 22: N/2

Based on:

Great Lakes Chemical Corporation, #1-A Graham  
P-4-27N-8W  
AOF 1346 MCFPD, SICP 857 #

R & G Drilling Company, #42-A Marron  
C-22-27N-8W  
AOF 699 MCFPD, SICP 1011 #/8 days

- (oo) Extend the West Lindrith Gallup Pool boundary in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 4 WEST, NMPM  
Section 17: S/2  
Section 18: S/2  
Section 20: W/2 & NE/4

Based on:

Continental Oil Company, #4 Jicarilla 20  
K-18-25N-4W  
IP 246 BOPD

Continental Oil Company, #2 Jicarilla 20  
M-20-25N-4W  
IP 65 BOPD

Continental Oil Co., #3 Jicarilla 20  
K-20-25N-4W  
IP 144 BOPD

- (pp) Extend the NIPP Pictured Cliffs Pool boundary in San Juan County, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 12 WEST, NMPM  
~~Section 2: W/2~~  
Section 3: All  
~~Section 11: W/2~~

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM  
Section 20: NW/4  
Section 21: SE/4  
Section 22: S/2

Based on:

Dugan Production Corporation, #3 Red Mac  
D-3-25N-12W  
AOF 111 MCFPD, SICP 222 #/7 days

Dugan Production Corporation, #2 Red Mac  
G-3-25N-12W  
AOF 102 MCFPD, SICP 180 #/7 days

Dugan Production Corporation, #1 Red Mac  
J-3-25N-12W  
AOF 117 MCFPD, SICP 190 #/7 days

Shell Oil Company, #13-11 Carson Unit  
L-11-25N-12W  
AOF 2986 MCFPD, SICP 224 #/6 days

Dugan Production Corporation, #1 Mike  
C-20-26N-12W  
AOF 128 MCFPD, SICP 232 #/7 days

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Case No.

Dugan Production Corporation, #2 County Seat  
J-21-26N-12W  
AOF 109 MCFPD, SICP 228 #/7 days

Jerome P. McHugh, #12 Chaco Plant  
I-22-26N-12W  
AOF 240 MCFPD, SICP 242 #/7 days (Commingled with Fruitland)

Dugan Production Corporation, #1 George Washington  
N-35-26N-12W  
AOF 535 MCFPD, SICP 299 #/7 days

(qq) Extend the Otero Chacra Pool boundary in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM  
Section 4: W/2  
Section 5: S/2  
Section 7: All  
Section 8: NW/4  
Section 25: SW/4

TOWNSHIP 26 NORTH, RANGE 7 WEST, NMPM  
Section 12: E/2

Based on:

Caulkins Oil Company, #51 Breech "E"  
D-4-26N-6W  
AOF 453 MCFPD, SICP 1040 #/7 days

Caulkins Oil Company, #5 Sanchez  
M-25-26N-6W  
AOF 1147 MCFPD, SICP 860 #

Caulkins Oil Company, #581 Breech "E"  
L-5-26N-6W  
AOF 687 MCFPD, SICP 1060 #/7 days

(rr) Extend the Otero Gallup Pool boundary in Rio Arriba County New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 5 WEST, NMPM  
Section 15: S/2

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM  
Section 26: S/2

Based on:

Continental Oil Company, #8 NE Haynes  
P-15-24N-5W  
IP 94 BOPD

Amerada Hess Corporation, #7 Jicarilla Apache "A"  
J-26-25N-5W  
IP 102 BOPD

(ss) Extend the East Puerto Chiquito Gallup Pool boundary in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 24 NORTH, Range 1 EAST, NMPM  
Section 5: All

Based on:

Benson-Montin-Greer Drilling Corporation, #1 Arellano  
F-5-24N-1E  
IP 336 BOPD

Benson-Montin-Greer Drilling Corporation, #1 Renco  
N-5-24N-1E  
IP 55 BOPD

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Case No.

- (tt) Extend the Pinon Fruitland Pool boundary in San Juan County, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 12 WEST, NMPM  
Section 22: N/2  
Section 23: N/2  
Section 24: N/2

Based on:

Dugan Production Corporation, #4 Gallegos  
E-22-28N-12W  
AOF 246 MCFPD, SICP 311 #/7 days

- (uu) Extend the Rusty Menefee Pool boundary in Sandoval County, New Mexico, to include therein:

TOWNSHIP 22 NORTH, RANGE 7 WEST, NMPM  
Section 13: SW/4  
Section 14: SE/4

Based on:

Chace Oil Company, #4 Rusty Menefee  
M-13-22N-7W  
AOF 1782 MCFPD, SICP 490 #/10 days

Chace Oil Company, #3 Rusty Federal  
P-14-22N-7W  
AOF 2020 MCFPD, SICP 440 #/10 days

- (vv) Extend the Tapacito Pictured Cliffs Pool boundary in Rio Arriba, New Mexico to include therein:

TOWNSHIP 26 NORTH, RANGE 4 WEST, NMPM  
Section 22: W/2

TOWNSHIP 27 NORTH, RANGE 4 WEST, NMPM  
Section 8: W/2  
Section 17: W/2  
Section 19: NE/4  
Section 20: NW/4

Based on:

Southern Union Production Company, #11 Jicarilla E  
C-22-26N-4W  
AOF 5396 MCFPD, SICP 432 #/10 days

El Paso Natural Gas Company, #124 San Juan 27-4 Unit  
K-8-27N-4W  
AOF 1376 MCFPD, SICP 1056 #/20 days

El Paso Natural Gas Company, #105 San Juan 27-4 Unit  
G-19-27N-4W  
AOF 1764 MCFPD, SICP 1025 #/17 days

- (ww) Extend the Ute Dome Dakota Pool boundary in San Juan County New Mexico, to include therein:

TOWNSHIP 32 NORTH, RANGE 13 WEST, NMPM  
Section 30: SW/4

Based on:

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Case No.

(xx) Extend the WAW Pictured Cliffs Pool boundary in San Juan County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 13 WEST, NMPM  
Section 4: NW/4

TOWNSHIP 27 NORTH, RANGE 13 WEST, NMPM  
Section 27: SE/4  
Section 29: NW/4  
Section 30: NE/4  
Section 31: NW/4  
Section 33: All  
Section 34: SW/4 & N/2

Based on:

Kirby Exploration Company, #1-Y Armour  
C-4-26N-13W  
AOF 262 MCFPD, SICP 205 #/7 days

Dietrich Exploration Company, #3 Federal  
P-27-27N-13W  
AOF 1372 MCFPD, SICP 240 #

Dugan Production Corporation, #2 KR  
D-29-27N-13W  
AOF 134 MCFPD, SICP 230 #/7 days

Dugan Production Corporation, #2 FAF  
A-30-27N-13W  
AOF 159 MCFPD, SICP 205 #/7 days

Dugan Production Corporation, #6 Ojo-He-He  
C-31-27N-13W  
AOF 110 MCFPD, SICP 250 #/7 days

Dugan Production Corporation, #2 Ojo-He-He  
E-33-27N-13W  
AOF 167 MCFPD, SICP 225 #/7 days

Dugan Production Corporation, #7 Ojo-He-He  
G-33-27N-13W  
AOF 127 MCFPD, SICP 230 #/7 days

Dugan Production Corporation, #5 Ojo-He-He  
J-33-27N-13W  
AOF 119 MCFPD, SICP 218 #/7 days

Dugan Production Corporation, #3 Ojo-He-He  
L-33-27N-13W  
AOF 18 MCFPD, SICP 140 #/7 days

Dugan Production Corporation, #2 Thomas Jefferson  
M-34-27N-13W  
AOF 117 MCFPD, SICP 227 #/7 days

BEFORE THE  
NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
December 15, 1976

EXAMINER HEARING

IN THE MATTER OF:

Northwestern New Mexico nomenclature ) CASE  
case calling for the creation and ) 5821  
extension of certain pools in San Juan, )  
Rio Arriba, McKinley and Sandoval )  
Counties, New Mexico. )

BEFORE: Richard L. Stamets, Examiner

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the New Mexico Oil	Lynn Teschendorf, Esq.
Conservation Commission:	Legal Counsel for the Commission
	State Land Office Building
	Santa Fe, New Mexico

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General Court Reporting Service  
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501  
Phone (505) 982-9212



I N D E X

Page

NORMAN E. MAXWELL JR.

Direct Examination by Ms. Teschendorf

3

EXHIBIT INDEX

Offered      Admitted

Oil Conservation Commission Exhibit One

8

8

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Phone (505) 982-9212

1 MR. STAMETS: At this time we will call Case 5821.

2 MS. TESCHENDORF: Case 5821, Northwestern New Mexico  
3 nomenclature case calling for the creation and extension of  
4 certain pools in San Juan, Rio Arriba, McKinley and Sandoval  
5 Counties, New Mexico.

6 Lynn Teschendorf appearing for the Commission and  
7 I have one witness.

8 (THEREUPON, the witness was duly sworn.)

9  
10 NORMAN E. MAXWELL, JR.

11 called as a witness, having been first duly sworn, was  
12 examined and testified as follows:

13  
14 DIRECT EXAMINATION

15 BY MS. TESCHENDORF:

16 Q Please state your name and position?

17 A Norman E. Maxwell, Junior. I work for the New Mexico  
18 Oil Conservation Commission in Aztec, New Mexico, District  
19 Three, and I'm the engineer for the district.

20 Q Are you prepared to make recommendations to the  
21 Commission concerning the nomenclature of certain pools in  
22 San Juan, Rio Arriba, McKinley and Sandoval Counties, New  
23 Mexico?

24 A Yes.

25 Q Are your recommendations prepared in the form of an

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1 exhibit?

2 A. Yes.

3 Q Will you please refer to this exhibit and to the  
4 docket that has been prepared and distributed at this hearing  
5 and point out any substantial differences between the two?

6 A. All right, we are all right down to paragraph (h).

7 Q Are you speaking of the docket or the exhibit?

8 A. Well, it should be both, shouldn't it?

9 Q Okay.

10 A. Under paragraph (h) we would like to delete the  
11 second well, Engineering Production Services, Inc. No. 1 Tall  
12 Pine.

13 MR. STAMETS: Does that affect the acreage to be  
14 included in the pool?

15 A. No.

16 MR. STAMETS: So the acreage is the same, there is  
17 no change there?

18 A. Right.

19 MR. STAMETS: Okay, then, that does not represent  
20 a change.

21 A. In acreage?

22 MR. STAMETS: In acreage, yes.

23 A. Okay. Now, under paragraph (m), Franciscan Lake-  
24 Mesaverde at the bottom of the page, we show a Basin Fuels  
25 well in H of 12, 20 North, and 5 West and that should be

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1 6 West. That again does not change the acreage.

2 MR. STAMETS: Which paragraph are we talking about  
3 now?

4 A. Paragraph (m).

5 MR. STAMETS: (n) as in Nancy?

6 A. (m) as in Maxwell.

7 MR. STAMETS: Okay, Basin Fuels, which well comes  
8 out?

9 A. At the bottom of the page, No. 1. It doesn't come  
10 out, we are just correcting the H 12, 20 North, 5 West to  
11 12, 20 North, 6 West.

12 MR. STAMETS: Okay.

13 A. And in paragraph (n) as in Norman, that should be  
14 Section 26 instead of 36 because that's where the discovery  
15 well is, 8, 26, 32 in 8.

16 MR. STAMETS: Okay.

17 A. On the docket, I believe in paragraph (q), I believe  
18 the docket shows the southwest quarter and it should be the  
19 southeast quarter.

20 MR. STAMETS: Okay, it should be the southeast and  
21 not the southwest?

22 A. And in paragraph (r) where we've got 23, 8, Section  
23 8, we need the west half rather than the northwest quarter and  
24 in 23, 9, Section 1 we need the east half rather than the  
25 west half.

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1 MR. STAMETS: What was that again, please?

2 A. In 23, 9, we need the east half of Section 1 rather  
3 than the west half of Section 1.

4 MR. STAMETS: Okay.

5 A. In paragraph (gg), double (g), we would like to  
6 omit the entire paragraph.

7 MR. STAMETS: Okay, that would be the extension to  
8 the Dufers Point Gallup-Dakota Pool, that would be entirely  
9 dismissed?

10 A. Right. Under (hh), the Escrito Gallup Pool, we need  
11 to delete the acreage in Township 24, 8 West and the acreage  
12 in 25 North, 9 West, delete both of those groups of acreage  
13 and leave the acreage in in 24, 7, Section 18, the southwest  
14 quarter.

15 And in that same paragraph we will delete the  
16 Noel Reynolds 3 Paquenche and the El Paso Nageesi No. 1 wells.

17 Under the double (m) we would like to include in  
18 the acreage Township 28 North, Range 10 West, Section 32, the  
19 southwest quarter, and we would like to add that. It was  
20 shown under 27, 10 and it should have been 28, 10 and we've  
21 got to delete it from under 27, 10, 32, southwest quarter.

22 MR. STAMETS: Okay. So, on the docket it says  
23 27 North, 10 West and it lists Section 5, Section 6 and  
24 Section 32, southwest quarter?

25 A. That should be deleted.

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1 MR. STAMETS: That should be deleted and then  
2 included under a separate heading, 28 North, 10 West, Section  
3 32?

4 A. Right, southwest quarter.

5 Under double (o) a well there, Continental Oil  
6 Jicarilla 3, Lease 20, should be Unit letter K instead of  
7 Unit letter M. I don't know if that's shown on the docket.

8 All right then under (pp) Nipp Pictured Cliffs,  
9 Township 25 North, Range 12 West, we need to delete Section 2,  
10 west half and in Section 11, west half, as per a request by  
11 Shell.

12 And this is another unit letter change, do you need  
13 it?

14 MR. STAMETS: If it is on a well, no.

15 A. It's on a well.

16 Under (vv) -- no, that's another well. It was  
17 already in the pool and we want to take it off of our exhibit.  
18 Do you need it?

19 MR. STAMETS: No, we will simply mark that on the  
20 exhibit.

21 A. Under (xx), under Township 27 North, Range 13 West,  
22 we need to add Section 27 above the 29, southeast quarter and  
23 that's it.

24 MR. STAMETS: Are there any questions of this  
25 witness?

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1 He may be excused.

2 (THEREUPON, the witness was excused.)

3 MR. STAMETS: Is there anything further in this  
4 case?

5 Would you like to submit your exhibit?

6 MS. TESCHENDORF: At this time I would like to offer  
7 Commission Exhibit One.

8 MR. STAMETS: Exhibit Number One will be admitted.

9 (THEREUPON, OCC Exhibit One was admitted  
10 into evidence.)

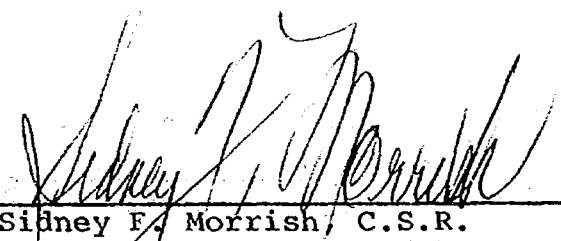
11 MR. STAMETS: The case will be taken under advise-  
12 ment.

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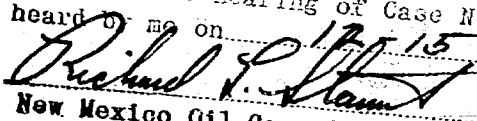
REPORTER'S CERTIFICATE

I, SIDNEY F. MORRISH, a Certified Shorthand Reporter,  
do hereby certify that the foregoing and attached Transcript  
of Hearing before the New Mexico Oil Conservation Commission  
was reported by me, and the same is a true and correct record  
of the said proceedings to the best of my knowledge, skill and  
ability.

  
Sidney F. Morrish, C.S.R.

**sid morrish reporting service**

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825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501  
Phone (505) 982-9212

I do hereby certify that the foregoing is  
a complete record of the proceedings in  
the Examiner hearing of Case No. 5821  
heard of me on 12/15, 1976.  
, Examiner  
New Mexico Oil Conservation Commission





# OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO  
1000 RIO BRAZOS RD. - AZTEC

87410

LAND COMMISSIONER

PHIL R. LUCERO

DIRECTOR  
JOE D. RAMEY



STATE GEOLOGIST  
EMERY C. ARNOLD

November 19, 1976

~~5820~~  
5821

Ms. Lynn Teschendorf  
N.M.O.C.C.  
Box 2088  
Santa Fe, New Mexico 87501

Re: Northwest Nomenclature for December, 1976

Dear Lynn:

Our nomenclature will involve the following:

- Pictured Cliffs*
- a. Create a new ~~gas~~ pool in San Juan County, ~~for Pictured Cliffs production to be known as the~~ *New Mexico, classified as a gas pool for* ~~Patwin-Pictured Cliffs~~ *Gas* ~~Pool, and described as follows:~~

Township 24 North, Range 8 West

Section 14: SW/4  
Section 15: All  
Section 16: E/2

The discovery well is the Dugan Production Corporation ~~#E~~ Mountain well located J-15-24N-8W, ~~perforated 2030-2039 feet, with an AOF 126 MCF/D, SICP 585#.~~ *Said pool would comprise*

- b. Create a new ~~gas~~ pool in San Juan County, ~~for Pictured Cliffs production to be known as the Albino-Pictured Cliffs Gas Pool, and described as follows:~~ *New Mexico, classified as a gas pool*

Township 32 North, Range 8 West

Section 26: SW/4

The discovery well is the Coastline Petroleum Company, Inc. #3 Schalk 94 well, located M-26-32N-8W, ~~perforated 3815-3880 with an AOF 556 MCF/D.~~ *Said pool would comprise*

- c. Create a new ~~gas~~ pool in San Juan County, ~~for Dakota production to be known as the Straight Canyon-Dakota Gas Pool, and described as follows:~~ *New Mexico, classified as a gas pool*

Township 31 North, Range 16 West ✓

Section 14: SW/4

The discovery well is the Robert C. Anderson #1 Ute Mountain Ute located L-14-31N-16W, <sup>N.M.P.M. said pool would comprise</sup> perforated 2262-2279 with an AOF 303 MCF/D, SICP 760#.

- d. Create a new ~~oil~~ pool in McKinley County, <sup>New Mexico, classified as an oil pool for</sup> ~~for~~ Dakota production and designated to be known as the Marcelina-Dakota Oil Pool, and described as follows:

Township 16 North, Range 9 West ✓

Section 18: S/2 of SW/4  
Section 19: N/2 of NW/4

Township 16 North, Range 10 West

Section 24: NE/4 of NE/4

The discovery well is the Fairfax Exploration Corporation #3 Bullseye located in N-18-16N-9W, <sup>N.M.P.M.</sup> perforated 1797-1817 and 1822-1844 with an IP of 33 BOPD.

- e. Create a new ~~gas~~ pool in San Juan County, <sup>The top of the perforations is at 1797 feet. Said pool would comprise:</sup> for Fruitland production ~~to be known~~ as the Jasis Canyon-Fruitland Gas Pool, and described as follows:

Township 29 North, Range 8 West ✓

Section 36: NW/4

The discovery well is the Mesa Petroleum Corporation #39 State Com located in C-36-29N-8W, <sup>N.M.P.M.</sup> perforated 2594-2618 with an AOF 3414 MCF/D, SICP 1063#. <sup>Said pool would comprise:</sup>

- f. Create a new ~~gas~~ pool in San Juan County, <sup>New Mexico, classified as a gas pool</sup> for Fruitland production ~~to be known~~ as the Crouch Mesa-Fruitland Gas Pool, and described as follows:

Township 29 North, Range 12 West ✓

Section 4: NW/4

The discovery well is the Riggs Oil & Gas Corporation #1 Federal located F-4-29N-12W, perforated 1566-73 with an AOF of 1500 MCF/D, SICP 410#. <sup>Said pool would comprise:</sup>

- San Juan County, New Mexico, classified as a gas pool*
- g. Create a new gas pool for the Fruitland production ~~to be known~~ and designated as the Sedro Canyon-Fruitland Gas Pool, ~~and described as follows:~~

Township 31 North, Range 9 West

Section 23: NW/4

The discovery well is the Southern Union Production Company #9 Seymour located in F-23-31N-9W, <sup>N.M.</sup> perforated 2640-2962 with an AOF of 708, SICP 1361#. *Said pool would comprise:*

- and designated*
- h. Create a new gas pool in Sandoval County for Chacra production ~~to be known~~ as the Rusty-Chacra Gas Pool, ~~and described as follows:~~

Township 22 North, Range 7 West

Section 13: E/2

Section 23: All

Section 24: N/2

Section 26: N/2

The discovery well is the Chace Oil Company #1Y Rusty Navajo located in A-23-22N-7W, perforated 1667-1763 with an AOF of 900 MCF/D, SICP 395#. *Said pool would comprise:*

- and designated*
- i. Create a new gas pool in San Juan County, for Chacra production ~~to be known~~ as the Navajo City-Chacra Gas Pool ~~and described as follows:~~

Township 30 North, Range 8 West

Section 24: S/2

Section 25: All

Section 35: N/2

Section 36: N/2

The discovery well is the Lively Exploration Company #7Y Lively located in E-35-30N-8W, perforated 3685-3700 with an AOF of 4545, SICP 748#. *Said pool would comprise:*

- and designated*
- j. Create a new gas pool in San Juan County, for Chacra production ~~to be known~~ as the Animas-Chacra Gas Pool, ~~and described as follows:~~

Township 31 North, Range 10 West

Section 6: NW/4

The discovery well is the Mesa Petroleum Corporation #1A Primo located in D-6-31N-10W, perforated 2711-2723, with an AOF of 7264 MCF/D, SICP 758#. *Said pool would comprise:*

*new Mexico, classified as an oil pool*

- k. Create a new ~~oil~~ pool in San Juan County for Mississippian production ~~to be known as the Beautiful Mountain-Mississippian Oil Pool, and described as follows:~~

Township 26 North, Range 19 West

Section 5: NW/4 ✓

The discovery well is the Petroleum Energy Corporation #1-5 Navajo located in F-5-26N-19W, perforated 5960-6040 with an IP of 110 BOPD. *said pool would comprise:*

- l. Create a new ~~oil~~ pool in San Juan County, for Mississippian production ~~to be known as the North Tocito Dome-Mississippian Gas Pool and described as follows:~~

Township 27 North, Range 18 West ✓

Section 34: S/2

The discovery well is the Saguaro Oil Company #1 Staver Navajo located M-34-27N-18W, perforated 6717-6786 with an AOF of 2000 MCF/D, SICP 800#.

- m. Create a new ~~oil~~ pool in McKinley County, for Mesaverde production ~~to be known as the Franciscan Lake-Mesaverde Oil Pool, and described as follows:~~

Township 20 North, Range 5 West ✓

Section 7: All

Section 18: N/2

Township 20 North, Range 6 West

Section 12: E/2

The discovery well is the Basin Fuels Inc., #1 Star located in M-7-20N-5W, perforated 1980-2706 with an IP of 15 BOPD. *said pool would comprise:*

- n. Create a new ~~oil~~ pool in San Juan County for Gallup production ~~to be known as the Albino-Gallup Gas Pool and described as follows:~~

*new Mexico, classified as a gas pool*

*Delete - error in ad.*

*Delete - error in ad.*

*and designated*

Township 32 North, Range 8 West

Section 36: NE/4

The discovery well is the Coastline Petroleum Co., Inc.,  
#1 Schalk 94 located A-26-32N-8W, perforated 7545-7605 with  
an AOF 2901 MCF/D, SICP 1750 #/7days. *Said pool would confine:*

- and designated* o. Create a new ~~oil~~ pool in San Juan County for Gallup production  
~~to be known as the Knickerbocker Buttes-Gallup Oil Pool. and~~  
~~described as follows:~~ *new Mexico, classified as an oil pool*

Township 30 North, Range 10 West

Section 17: SW/4

The discovery well is the El Paso Natural Gas Company, #13  
Schumacher located in N-17-30N-10W, Perforated 6440-6779 with  
an IP of 5 BOPD. *Said pool would confine:*

- and designated* p. Create a new ~~gas~~ pool in Sandoval County, for Gallup production  
~~to be known as the Rusty-Gallup Gas Pool, and described as follows:~~ *new Mexico, classified as a gas pool*

Township 22 North, Range 7 West

Section 16: NW/4

The discovery well is the Engineering & Production Services, Inc.,  
#1 Dana State located in H-16-22N-7W, perforated 4786-4936 with  
an IP of 155 MCF/D. *Said pool would confine:*

- and designated* q. Create a new ~~oil~~ pool in Sandoval County, for Gallup production  
~~to be known as the Alamito-Gallup Oil Pool and described as follows:~~ *new Mexico, classified as an oil pool*

Township 23 North, Range 7 West

Section 31: SW/4

The discovery well is the BCO, Inc., #1 Federal C located in  
P-31-23N-7W, perforated 4706-4958 with an IP of 50 BOPD. *Said pool would confine:*

- and designated* r. Create a new ~~oil~~ pool in San Juan County for Gallup production  
~~to be known as the Nageezi-Gallup Oil Pool and described as follows:~~ *new Mexico, classified as an oil pool*

Township 23 North, Range 8 West

Section 6: S/2

Section 7: N/2

Section 8: NW/4 & SE/4

Township 23 North, Range 9 West

Section 1: W/2

The discovery well is the BCO, Inc., #1 Federal D located in G-1-23N-9W, perforated 5079-5320 with an IP of 82 BOPD. *Said pool would comprise: new Mexico, classified as an oil pool*

s. Create a new ~~oil~~ pool in Rio Arriba County for Gallup production *and designated to be known as the Ojito-Gallup Oil Pool* and described as follows:

Township 25 North, Range 3 West ✓

Section 17: SW/4

The discovery well is the Skelly Oil Company #4 C. W. Roberts located in M-17-25N-3W, perforated 6960-7250 with an IP of 9 BOPD. *Said pool would comprise: new Mexico, classified as an oil pool*

t. Create a new ~~oil~~ pool in Sandoval County for Gallup production *and designated to be known as the Media-Gallup Oil Pool* and described as follows:

Township 19 North, Range 3 West ✓

Section 22: SW/4 of NE/4

The discovery well is the Petro Lewis Corporation #7 Federal Media located in G-22-19N-3W, perforated 279303262 with an IP of 50 BOPD. *Said pool would comprise: new Mexico, classified as a gas pool*

u. Create a new ~~gas~~ pool in San Juan County for Farmington production *and designated to be known as the South Gallegos-Farmington Gas Pool* and described as follows:

Township 26 North, Range 12 West ✓

Section 2: S/2

Section 10: NE/4

Section 11: NW/4

The discovery well is the Dugan Production Corporation #1 Benjamin Franklin located in O-2-26N-12W, perforated 509-519 with an AOF of 122 MCF/D, SICP 272#. *Said pool would comprise:*

Extend the below listed pool boundaries in the counties as shown:

RIO ARRIBA COUNTY

Campos-Gallup Pool ✓  
Devils Fork-Gallup Pool ✓  
Devils Fork-Mesaverde Oil Pool ✓  
East Puerto Chiquito-Mancos Oil Pool ✓  
Gobernador-Pictured Cliffs Pool ✓  
Otero-Chacra Pool ✓  
Otero-Gallup Oil Pool ✓  
Tapacito-Pictured Cliffs Pool ✓  
West Lindrith Gallup-Dakota Oil Pool ✓

SAN JUAN COUNTY

Angels Peak-Gallup Pool  
Aztec-Fruitland Pool  
Aztec-Pictured Cliffs Pool  
Bloomfield-Chacra Pool  
Dufers Point Gallup-Dakota Pool  
Gallegos-Gallup Oil Pool  
Kutz-Fruitland Pool  
Kutz Gallup Oil Pool  
Nipp-Pictured Cliffs Pool  
Pinon-Fruitland Pool  
South Gallegos-Fruitland Pool  
Ute Dome-Dakota Pool  
Waw-Pictured Cliffs Pool

SANDOVAL COUNTY

Rusty-Menefee Oil Pool

RIO ARRIBA & SAN JUAN COUNTIES

Blanco-Mesaverde Pool  
Blanco-Pictured Cliffs Pool  
Largo-Chacra Pool


RIO ARRIBA, SAN JUAN & SANDOVAL COUNTIES

Ballard-Pictured Cliffs Pool  
South Blanco-Pictured Cliffs Pool

A copy of the exhibit will be prepared and sent next week for the preparation of the docket.

If there are questions, please call.

Yours very truly,

  
A. R. Kendrick  
District Supervisor

ARK/bk

CASE 5821: Northwestern New Mexico nomenclature case calling for the creation and extension of certain pools in San Juan, Rio Arriba, McKinley and Sandoval Counties, New Mexico.

a) CREATE a new pool in San Juan County, New Mexico, classified as a gas pool for Pictured Cliffs production and designated as the Potwin-Pictured Cliffs Gas Pool. The discovery well is the Dugan Production Corporation Mountain Well No. 1 located in Unit J of Section 15, Township 24 North, Range 8 West, NMPM. Said pool would comprise:

TOWNSHIP 24 NORTH, RANGE 8 WEST, NMPM  
Section 14: SW/4  
Section 15: All  
Section 16: E/2

b) CREATE a new pool in San Juan County, New Mexico, classified as a gas pool for Pictured Cliffs production and designated as the Albino-Pictured Cliffs Gas Pool. The discovery well is the Coastline Petroleum Company, Inc. #3 Schalk Well No. 94 located in Unit M of Section 26, Township 32 North, Range 8 West, NMPM. Said pool would comprise:

TOWNSHIP 32 NORTH, RANGE 8 WEST, NMPM  
Section 26: SW/4

c) CREATE a new pool in San Juan County, New Mexico, classified as a gas pool for Dakota production and designated as the Straight Canyon-Dakota Gas Pool. The discovery well is the Robert C. Anderson Ute Mountain Ute Well No. 1 located in Unit L of Section 14, Township 31 North, Range 16 West, NMPM. Said pool would comprise:

TOWNSHIP 31 NORTH, RANGE 16 WEST, NMPM  
Section 14: SW/4

d) CREATE a new pool in McKinley County, New Mexico, classified as an oil pool for Dakota production and designated as the Marcelina-Dakota Oil Pool. The discovery well is the Fairfax Exploration Corporation Bullseye Well No. 3 located in Unit N of Section 18, Township 16 North, Range 9 West, NMPM. The top of the perforations is at 1797 feet. Said pool would comprise:

TOWNSHIP 16 NORTH, RANGE 9 WEST, NMPM  
Section 18: S/2 SW/4  
Section 19: N/2 NW/4

TOWNSHIP 16 NORTH, RANGE 10 WEST, NMPM  
Section 24: NE/4 NE/4

e) CREATE a new pool in San Juan County, New Mexico, classified as a gas pool for Fruitland production and designated as the Jasis Canyon-Fruitland Gas Pool. The discovery well is the Mesa Petroleum Corporation State Com Well No. 39 located in Unit C of Section 36, Township 29 North, Range 8 West, NMPM. Said pool would comprise:

TOWNSHIP 29 NORTH, RANGE 8 WEST, NMPM  
Section 36: NW/4

f) CREATE a new pool in San Juan County, New Mexico, classified as a gas pool for Fruitland production and designated as the Crouch Mesa-Fruitland Gas Pool. The discovery well is the Riggs Oil & Gas Corporation Federal Well No. 1 located in Unit F of Section 4, Township 29 North, Range 12 West, NMPM. Said pool would comprise:

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

g) CREATE a new pool in San Juan County, New Mexico, classified as a gas pool for Fruitland production and designated as the Sedro Canyon-Fruitland Gas Pool. The discovery well is the Southern Union Production Company Seymour Well No. 9 located in Unit F of Section 23, Township 31 North, Range 9 West, NMPM. Said pool would comprise:

TOWNSHIP 31 NORTH, RANGE 9 WEST, NMPM  
Section 23: NW/4

h) CREATE a new pool in Sandoval County, New Mexico, classified as a gas pool for Chacra production and designated as the Rusty-Chacra Gas Pool. The discovery well is the Chace Oil Company Rusty Navajo Well No. 1Y located in Unit A of Section 23, Township 22 North, Range 7 West, NMPM. Said pool would comprise:



TOWNSHIP 22 NORTH, RANGE 7 WEST, NMPM

Section 13: E/2

Section 23: All

Section 24: N/2

Section 26: N/2

i) CREATE a new pool in San Juan County, New Mexico, classified as a gas pool for Chacra production and designated as the Navajo City-Chacra Gas Pool. The discovery well is the Lively Exploration Company Lively Well No. 7Y located in Unit E of Section 35, Township 30 North, Range 8 West, NMPM. Said pool would comprise:

TOWNSHIP 30 NORTH, RANGE 8 WEST, NMPM

Section 24: S/2

Section 25: All

Section 35: N/2

Section 36: N/2

j) CREATE a new pool in San Juan County, New Mexico, classified as a gas pool for Chacra production and designated as the Animas-Chacra Gas Pool. The discovery well is the Mesa Petroleum Corporation Primo Well No. 1A located in Unit D of Section 6, Township 31 North, Range 10 West, NMPM. Said pool would comprise:

TOWNSHIP 31 NORTH, RANGE 10 WEST, NMPM

Section 6: NW/4

k) CREATE a new pool in San Juan County, New Mexico, classified as an oil pool for Mississippian production and designated as the Beautiful Mountain-Mississippian Oil Pool. The discovery well is the Petroleum Energy Corporation Navajo Well No. 1-5 located in Unit F of Section 5, Township 26 North, Range 19 West, NMPM. The top of the perforations is at 5960 feet. Said pool would comprise:

TOWNSHIP 26 NORTH, RANGE 19 WEST, NMPM

Section 5: NW/4

l) CREATE a new pool in San Juan County, New Mexico, classified as a gas pool for Mississippian production and designated as the North Tooto Dome-Mississippian Gas Pool. The discovery well is the Saguaro Oil Company Staver Navajo Well No. 1 located in Unit M of Section 34, Township 27 North, Range 18 West, NMPM. Said pool would comprise:

TOWNSHIP 27 NORTH, RANGE 18 WEST, NMPM

Section 34: S/2

m) CREATE a new pool in McKinley County, New Mexico, classified as an oil pool for Mesaverde production and designated as the Franciscan Lake-Mesaverde Oil Pool. The discovery well is the Basin Fuels Inc. Star Well No. 1 located in Unit M of Section 7, Township 20 North, Range 5 West, NMPM. The top of the perforations is at 1980 feet. Said pool would comprise:

TOWNSHIP 20 NORTH, RANGE 5 WEST, NMPM

Section 7: All

Section 18: N/2

TOWNSHIP 20 NORTH, RANGE 6 WEST, NMPM

Section 12: E/2

n) CREATE a new pool in San Juan County, New Mexico, classified as a gas pool for Gallup production and designated as the Albino-Gallup Gas Pool. The discovery well is the Coastline Petroleum Co., Inc. Schalk 94 Well No. 1 located in Unit A of Section 26, Township 32 North, Range 8 West, NMPM. Said pool would comprise:

TOWNSHIP 32 NORTH, RANGE 8 WEST, NMPM

Section 36: NE/4

o) CREATE a new pool in San Juan County, New Mexico, classified as an oil pool for Gallup production and designated as the Knickerbocker Buttes-Gallup Oil Pool. The discovery well is the El Paso Natural Gas Company Schumacher Well No. 13 located in Unit N of Section 17, Township 30 North, Range 10 West, NMPM. The top of the perforations is at 6440 feet. Said pool would comprise:

TOWNSHIP 30 NORTH, RANGE 10 WEST, NMPM

Section 17: SW/4

p) CREATE a new pool in Sandoval County, New Mexico, classified as a gas pool for Gallup production and designated as the Rusty-Gallup Gas Pool. The discovery well is the Engineering & Production Services, Inc. Dana State Well No. 1 located in Unit H of Section 16, Township 22 North, Range 7 West, NMPM. Said pool would comprise:

TOWNSHIP 22 NORTH, RANGE 7 WEST, NMPM  
Section 16: NW/4

q) CREATE a new pool in Sandoval County, New Mexico, classified as an oil pool for Gallup production and designated as the Alanito-Gallup Oil Pool. The discovery well is the ECO, Inc. Federal C Well No. 1 located in Unit P of Section 31, Township 23 North, Range 7 West, NMPM. The top of the perforations is at 4706 feet. Said pool would comprise:

TOWNSHIP 23 NORTH, RANGE 7 WEST, NMPM  
Section 31: SW/4

r) CREATE a new pool in San Juan County, New Mexico, classified as an oil pool for Gallup production and designated as the Nageezi-Gallup Oil Pool. The discovery well is the ECO, Inc. Federal D Well No. 1 located in Unit G of Section 1, Township 23 North, Range 9 West, NMPM. The top of the perforations is at 5079 feet. Said pool would comprise:

TOWNSHIP 23 NORTH, RANGE 8 WEST, NMPM  
Section 6: S/2  
Section 7: N/2  
Section 8: NW/4 & SE/4

TOWNSHIP 23 NORTH, RANGE 9 WEST, NMPM  
Section 1: W/2

s) CREATE a new pool in Rio Arriba County, New Mexico, classified as an oil pool for Gallup production and designated as the Ojito-Gallup Oil Pool. The discovery well is the Skelly Oil Company C. W. Roberts Well No. 4 located in Unit M of Section 17, Township 25 North, Range 3 West, NMPM. The top of the perforations is at 6960 feet. Said pool would comprise:

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM  
Section 17: SW/4

t) CREATE a new pool in Sandoval County, New Mexico, classified as an oil pool for Gallup production and designated as the Media-Gallup Oil Pool. The discovery well is the Petro Lewis Corporation Federal Media Well No. 7 located in Unit G of Section 22, Township 19 North, Range 3 West, NMPM. The top of the perforations is at 2793 feet. Said pool would comprise:

TOWNSHIP 19 NORTH, RANGE 3 WEST, NMPM  
Section 22: SW/4 NE/4

u) CREATE a new pool in San Juan County, New Mexico, classified as a gas pool for Farmington production and designated as the South Gallegos-Farmington Gas Pool. The discovery well is the Dugan Production Corporation Benjamin Franklin Well No. 1 located in Unit O of Section 2, Township 26 North, Range 12 West, NMPM. Said pool would comprise:

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM  
Section 2: S/2  
Section 10: NE/4  
Section 11: NW/4

v) EXTEND the Angels Peak Gallup Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 27 NORTH, RANGE 10 WEST, NMPM  
Section 36: All

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

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM  
Section 4: W/2

TOWNSHIP 30 NORTH, RANGE 10 WEST, NMPM  
Section 33: SW/4

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

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM  
Section 19: W/2

y) EXTEND the Ballard Pictured Cliffs Pool in Sandoval County, New Mexico, to include therein:

TOWNSHIP 23 NORTH, RANGE 4 WEST, NMPM

Section 19: S/2  
Section 20: All  
Section 21: W/2  
Section 27: W/2 & SE/4  
Section 28: All  
Section 29: All  
Section 30: All  
Section 31: N/2  
Section 32: N/2  
Section 33: NW/4

TOWNSHIP 24 NORTH, RANGE 4 WEST, NMPM

Section 33: E/2

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPM

Section 35: SW/4

z) EXTEND the Blanco Mesaverde Pool in Rio Arriba and San Juan Counties, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 4 WEST, NMPM

Section 2: W/2  
Section 3: E/2  
Section 4: All  
Section 9: All  
Section 16: N/2

TOWNSHIP 30 NORTH, RANGE 5 WEST, NMPM

Section 4: All  
Section 5: All

TOWNSHIP 32 NORTH, RANGE 5 WEST, NMPM

Section 33: All

aa) EXTEND the Blanco Pictured Cliffs Pool in Rio Arriba and San Juan Counties, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 7 WEST, NMPM

Section 18: N/2

TOWNSHIP 31 NORTH, RANGE 10 WEST, NMPM

Section 3: All  
Section 4: All  
Section 9: All  
Section 10: All  
Section 13: All  
Section 14: E/2

TOWNSHIP 32 NORTH, RANGE 10 WEST, NMPM

Section 30: W/2  
Section 31: NW/4

TOWNSHIP 32 NORTH, RANGE 11 WEST, NMPM

Section 15: W/2  
Section 18: S/2

TOWNSHIP 32 NORTH, RANGE 12 WEST, NMPM

Section 13: N/2 & SE/4

bb) EXTEND the South Blanco Pictured Cliffs Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 4 WEST, NMPM

Section 9: S/2  
Section 13: S/2  
Section 16: All  
Section 21: N/2

cc) EXTEND the Bloomfield Chacra Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 29 NORTH, RANGE 10 WEST, 13PM  
Section 9: S/2  
Section 10: S/2  
Section 11: S/2  
Section 12: S/2

TOWNSHIP 29 NORTH, RANGE 11 WEST, 13PM  
Section 35: NE/4

dd) EXTEND the Campo Gallup Pool in Rio Arriba County, New Mexico, to include therein:

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

ee) EXTEND the Devils Fork Gallup Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 6 WEST, 12PM  
Section 3: SW/4  
Section 9: E/2 NE/4  
Section 10: NW/4

ff) EXTEND the Devils Fork Mesaverde Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 6 WEST, 12PM  
Section 7: E/2  
Section 8: S/2  
Section 17: N/2

gg) EXTEND the Dufers Point Gallup-Dakota Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 7 WEST, 12PM  
Section 7: S/2

TOWNSHIP 24 NORTH, RANGE 8 WEST, 12PM  
Section 12: SE/4

hh) EXTEND the Escrito Gallup Pool in San Juan and Rio Arriba Counties, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 7 WEST, 12PM  
Section 18: SW/4

TOWNSHIP 24 NORTH, RANGE 8 WEST, 12PM  
Section 2: SW/4  
Section 11: NW/4  
Section 10: N/2

TOWNSHIP 25 NORTH, RANGE 9 WEST, 12PM  
Section 12: E/2  
Section 13: E/2  
Section 24: E/2

ii) EXTEND the Gallegos Gallup Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 10 WEST, 12PM  
Section 17: W/2 & SE/4  
Section 18: S/2

TOWNSHIP 26 NORTH, RANGE 11 WEST, 12PM  
Section 13: S/2  
Section 24: N/2

TOWNSHIP 27 NORTH, RANGE 13 WEST, 12PM  
Section 26: S/2  
Section 27: E/2

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

TOWNSHIP 26 NORTH, RANGE 11 WEST, 12PM  
Section 7: All

TOWNSHIP 26 NORTH, RANGE 12 WEST, 12PM  
Section 8: N/2  
Section 9: N/2

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM con'd  
Section 10: N/2  
Section 13: E/2  
Section 24: E/2  
Section 25: E/2

kk) EXTEND the Gobernador Pictured Cliffs Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 29 NORTH, RANGE 4 WEST, NMPM  
Section 19: S/2  
Section 30: All  
Section 31: NE/4  
Section 32: N/2 & SE/4

TOWNSHIP 29 NORTH, RANGE 5 WEST, NMPM  
Section 3: W/2  
Section 10: N/2  
Section 11: W/2  
Section 13: W/2  
Section 14: All

ll) EXTEND the Kutz Fruitland Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM  
Section 30: S/2  
Section 31: N/2

mm) EXTEND the Kutz Gallup Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 27 NORTH, RANGE 10 WEST, NMPM  
Section 5: NW/4  
Section 6: N/2  
Section 32: SW/4

TOWNSHIP 27 NORTH, RANGE 11 WEST, NMPM  
Section 1: N/2

nn) EXTEND the Largo Chacra Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 27 NORTH, RANGE 8 WEST, NMPM  
Section 3: S/2  
Section 4: SE/4  
Section 22: N/2

oo) EXTEND the West Lindrith Gallup Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 4 WEST, NMPM  
Section 17: S/2  
Section 18: S/2  
Section 20: W/2 & NE/4

pp) EXTEND the NIPP Pictured Cliffs Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 12 WEST, NMPM  
Section 2: W/2  
Section 3: All  
Section 11: W/2

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM  
Section 20: NW/4  
Section 21: SE/4  
Section 22: S/2

qq) EXTEND the Otero Chacra Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM  
Section 4: W/2  
Section 5: S/2  
Section 7: All  
Section 8: NW/4  
Section 25: SW/4

TOWNSHIP 26 NORTH, RANGE 7 WEST, NMPM  
Section 12: E/2

rr) EXTEND the Otero Gallup Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 5 WEST, 12PM  
Section 15: S/2

TOWNSHIP 25 NORTH, RANGE 5 WEST, 12PM  
Section 26: S/2

ss) EXTEND the East Puerto Chiquito Gallup Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 1 EAST, 12PM  
Section 5: All

tt) EXTEND the Pinon Fruitland Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 12 WEST, 12PM  
Section 22: N/2  
Section 23: N/2  
Section 24: N/2

uu) EXTEND the Rusty Menefee Pool in Sandoval County, New Mexico, to include therein:

TOWNSHIP 22 NORTH, RANGE 7 WEST, 12PM  
Section 13: SW/4  
Section 14: SE/4

vv) EXTEND the Tapacito Pictured Cliffs Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 4 WEST, 12PM  
Section 22: W/2

TOWNSHIP 27 NORTH, RANGE 4 WEST, 12PM  
Section 8: W/2  
Section 17: W/2  
Section 19: NE/4  
Section 20: NW/4

ww) EXTEND the Ute Dome Dakota Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 32 NORTH, RANGE 13 WEST, 12PM  
Section 30: SW/4

xx) EXTEND the WAW Pictured Cliffs Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 13 WEST, 12PM  
Section 4: NW/4

TOWNSHIP 27 NORTH, RANGE 13 WEST, 12PM  
Section 29: NW/4  
Section 30: NE/4  
Section 31: NW/4  
Section 33: All  
Section 34: SW/4 & N/2

DRAFT

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE NO. 5821

Order No. R- 5339

(Cg v (occ v 1 -  
y) ✓ rem - x/

San Juan, McKinley, (h) -  
Sandoval and Rio Arriba

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on Dec 15,  
1976, at Santa Fe, New Mexico, before Examiner RZS

NOW, on this January day of 1977, the Commission,  
a quorum being present, 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 Commission has jurisdiction of this cause and the subject  
matter thereof.

(2) That there is need for the creation of a new gas  
pool in San Juan County, New Mexico, for the production  
of gas from the Pictured Cliffs formation, said pool to bear  
the designation of Potwin - Pictured Cliffs Pool. Said  
Potwin - Pictured Cliffs Pool was discovered by the Dugan  
Production Corporation Mountain Well No. 1, located in  
Unit J of Section 15, Township 24 North, Range 6 West NMPM.  
It was completed in the Pictured Cliffs formation on May 7, 1976.  
The top of the perforated interval is at 2030 feet.





- (6) That there is need for the creation of a new gas pool in San Juan County, New Mexico, for the production of gas from the Fruitland formation, said pool to bear the designation of Jasie Canyon - Fruitland Pool. Said Jasie Canyon - Fruitland Pool was discovered by the Mesa Petroleum Corporation State Com Well no. 39, located in Unit C of Section 36, Township 29 North, Range 8 West, NMPM. It was completed in the Fruitland formation on June 7, 1976. The top of the perforated interval is at 2594 feet.
- (7) That there is need for the creation of a new gas pool in San Juan County, New Mexico, for the production of gas from the Fruitland formation, said pool to bear the designation of Crouch Mesa - Fruitland Pool. Said Crouch Mesa - Fruitland Pool was discovered by the Riggs Oil & Gas Corporation Federal Well no. 1, located in Unit F of Section 4, Township 29 North, Range 12 West, NMPM. It was completed in the Fruitland formation on June 29, 1959. The top of the perforated interval is at 1566 feet.
- (8) That there is need for the creation of a new gas pool in San Juan County, New Mexico, for the production of gas from the Fruitland formation, said pool to bear the designation of Sedro Canyon - Fruitland Pool. Said Sedro Canyon - Fruitland Pool was discovered by the Southern Union Production Company Seymour Well no. 9, located in Unit F of Section 23, Township 31 North, Range 9 West, NMPM. It was completed in the Fruitland formation on July 26, 1973. The top of the perforated interval is at 2640 feet.
- (9) That there is need for the creation of a new gas pool in Sandoval County, New Mexico, for the production of gas from the Chavira formation, said pool to bear the designation of Rusty - Chavira Pool. Said Rusty - Chavira Pool was discovered by the Chase Oil Company Rusty Navajo Well no. 11, located in Unit A of Section 23, Township 22 North, Range 7 West, NMPM. It was completed in the Chavira formation on July 25, 1976. The top of the perforated interval is at 1667 feet.
- (10) That there is need for the creation of a new gas pool in San Juan County, New Mexico, for the production of gas from the Chavira formation, said pool to bear the designation of Navajo City - Chavira Pool. Said Navajo City - Chavira Pool was discovered by the Lively Exploration Company Well no. 7-Y, located in Unit E of Section 35, Township 30 North, Range 8 West, NMPM. It was completed in the Chavira formation on April 20, 1975. The top of the perforated interval is at 3685 feet.
- (11) That there is need for the creation of a new gas pool in San Juan County, New Mexico, for the production of gas from the Chavira formation, said pool to bear the designation of Animas - Chavira Pool. Said Animas - Chavira Pool was discovered by the Mesa Petroleum Corporation Prime Well no. 1-A, located in Unit D of Section 6, Township 31 North, Range 10 West, NMPM. ~~The top of the perforated interval is at~~ It was completed in the Chavira formation on December 31, 1975. The top of the perforated interval is at 3444 feet.

- (12) That there is need for the creation of a new oil pool in San Juan County, New Mexico, for the production of oil from the Mississippian formation, said pool to bear the designation of Beautiful Mountain - Mississippian Oil Pool. Said Beautiful Mountain - Mississippian Oil Pool was discovered by the Petroleum Energy Corporation Navajo Well No. 1-5 Navajo, located in Unit F of Section 5, Township 26 North, Range 19 West, NMPM. It was completed in the Mississippian formation on June 3, 1975. The top of the perforated interval is at 5960 feet.
- (13) That there is need for the creation of a new gas pool in San Juan County, New Mexico, for the production of gas from the Mississippian formation, said pool to bear the designation of North Torito Dome - Mississippian Gas Pool. Said North Torito Dome - Mississippian Gas Pool was discovered by the Saguaro Oil Company Star Navajo Well No. 1, located in Unit M of Section 34, Township 27 North, Range 18 West, NMPM. It was completed in the Mississippian formation on April 6, 1975. The top of the perforated interval is at 6717 feet.
- (14) That there is need for the creation of a new oil pool in McKinley County, New Mexico, for the production of oil from the Mesaville formation, said pool to bear the designation of Franciscan Lake - Mesaville Oil Pool. Said Franciscan Lake - Mesaville Oil Pool was discovered by the Basin Fuels, Inc. Star Well No. 1, located in Unit M of Section 7, Township 20 North, Range 5 West, NMPM. It was completed in the Mesaville formation on May 15, 1975. The top of the perforated interval is at 1980 feet.
- (15) That there is need for the creation of a new gas pool in San Juan County, New Mexico, for the production of gas from the Gallup formation, said pool to bear the designation of Albino - Gallup Pool. Said Albino - Gallup Pool was discovered by the Coastline Petroleum Company, Inc. Schalk 94 Well No. 1 located in Unit A of Section 26, Township 32 North, Range 6 West, NMPM. It was completed in the Gallup formation on February 28, 1975. The top of the perforated interval is at 7545 feet.
- (16) That there is need for the creation of a new oil pool in San Juan County, New Mexico, for the production of oil from the Gallup formation, said pool to bear the designation of Knickerbocker Butte - Gallup Oil Pool. Said Knickerbocker Butte - Gallup Oil Pool was discovered by the El Paso Natural Gas Company Schumacher Well No. 13 located in Unit N of Section 17, Township 30 North, Range 10 West, NMPM. It was completed in the Gallup formation on June 13, 1975. The top of the perforated interval is 6440 feet.
- (17) That there is need for the creation of a new gas pool in Sandoval County, New Mexico, for the production of gas from the Gallup formation, said pool to bear the designation of Pesty - Gallup Pool. Said Pesty - Gallup Pool was discovered by the Engineering & Production Service, Inc. Dana State Well No. 1 located in Unit H of Section 16, Township 22 North, Range 7 West, NMPM. It was completed in the Gallup formation on July 15, 1975. The top of the perforated interval is at 4786 feet.

- (18) That there is need for the creation of a new oil pool in Sandoval County, New Mexico, for the production of oil from the Gallup formation, said pool to bear the designation of Alamito - Gallup Oil Pool. Said Alamito - Gallup Oil Pool was discovered by the BCO, Inc. Federal C Well No. 1 located in Unit P of Section 31, Township 23 North, Range 7 West, NMMA. It was completed in the Gallup formation on July 17, 1971. The top of the perforated interval is at 4706 feet.
- (19) That there is need for the creation of a new oil pool in San Juan County, New Mexico, for the production of oil from the Gallup formation, said pool to bear the designation of Nageezi - Gallup Oil Pool. Said Nageezi - Gallup Oil Pool was discovered by the BCO, Inc. Federal D Well No. 1 located in Unit G of Section 1, Township 23 North, Range 9 West, NMPM. It was completed in the Gallup formation on June 29, 1971. The top of the perforated interval is at 5079 feet.
- (20) That there is need for the creation of a new oil pool in Rio Arriba County, New Mexico, for the production of oil from the Gallup formation, said pool to bear the designation of Ojito - Gallup Oil Pool. Said Ojito - Gallup Oil Pool was discovered by the Skelly Oil Company C.W. Roberts Well No. 4 located in Unit M of Section 17, Township 25 North, Range 3 West, NMPM. The top of the perforated interval is at 6960 feet.  
(It was completed in the Gallup formation on October 10, 1974)
- (21) That there is need for the creation of a new oil pool in Sandoval County, New Mexico, for the production of oil from the Gallup formation, said pool to bear the designation of Media - Gallup Oil Pool. Said Media - Gallup Oil Pool was discovered by the Petros Lewis Corporation Federal Media Well No. 7 located in Unit G of Section 22, Township 19 North, Range 3 West, NMPM. It was completed in the Gallup formation on April 9, 1975. The top of the perforated interval is at 2793 feet.
- (22) That there is need for the creation of a new gas pool in San Juan County, New Mexico, for the production of gas from the Farmington formation, said pool to bear the designation of South Gallegos - Farmington Pool. Said South Gallegos - Farmington Pool was discovered by the Dugan Production Corporation Benjamin Franklin Well No. 1, located in Unit A of Section 10, Township 26 North, Range 12 West, NMPM. It was completed in the Farmington formation on August 21, 1976. The top of the perforated interval is at 640 feet.

(23) That there is need for certain extensions to the South Blanco - Pictured Cliffs Pool, the Campo - Gallup Pool, the Devils Fork - Gallup Pool, the Devils Fork - Mesaverde Oil Pool, the Laborador - Pictured Cliffs Pool, the West Lindville - Gallup - Dakota<sup>Oil</sup> Pool, the Otero - Chavira Pool, the Otero - Gallup<sup>Oil</sup> Pool, the East - Puerto Chiquito - Gallup Pool, and the Tapacito - Pictured Cliffs Pool, all in Rio Arriba County, New Mexico; the Ballard - Pictured Cliffs Pool and the Rusty - Menefee<sup>Oil</sup> Pool in Sandoval County, New Mexico; the Angels Peak - Gallup<sup>Oil</sup> Pool, the Aztec - Fruitland Pool, the Aztec - Pictured Cliffs Pool, the Bloomfield - Chavira Pool, the Defers Point - Gallup - Dakota Pool, the Gallegos - Gallup Oil Pool, the South Gallegos - Fruitland Pool, the Kutz - Fruitland Pool, the Kutz - Gallup<sup>Oil</sup> Pool, the Largo - Chavira Pool, the Nipp - Pictured Cliffs Pool, the Pinon - Fruitland Pool, the Ute Dome - Dakota Pool, and the WAW - Pictured Cliffs Pool, all in San Juan County, New Mexico; and the Blanco - Mesaverde Pool, the Blanco - Pictured Cliffs Pool<sup>Oil</sup>, the Escrito - Gallup Pool, all in Rio Arriba and San Juan Counties, New Mexico.

(24) That the proposed extension of the Defers Point - Gallup - Dakota Pool ~~and~~ in San Juan County, New Mexico, and the East - Puerto Chiquito - Gallup Pool in Rio Arriba County, New Mexico, should be dismissed.

*It is therefore ordered:*

(a) That a new pool in San Juan  
County y, New Mexico, classified as a gas pool for  
Pictured Cliffs production, is hereby created and designated as the  
Potivim - Pictured Cliffs Pool, consisting  
of the following-described area:

TOWNSHIP 24 NORTH, RANGE 8 WEST, NMPM  
Section 14: SW/4  
Section 15: All  
Section 16: E/2

(b) That a new pool in San Juan  
County y, New Mexico, classified as a gas pool for  
Pictured Cliffs production, is hereby created and designated as the  
Albino - Pictured Cliffs Pool, consisting  
of the following-described area:

TOWNSHIP 32 NORTH, RANGE 8 WEST, NMPM  
Section 26: SW/4

(c) That a new pool in San Juan  
County y, New Mexico, classified as a gas pool for  
Dakota production, is hereby created and designated as the  
Straight Canyon - Dakota Pool, consisting  
of the following-described area:

TOWNSHIP 31 NORTH, RANGE 16 WEST, NMPM  
Section 14: SW/4

(d) That a new pool in McKinley  
County y, New Mexico, classified as an oil pool for  
Dakota production, is hereby created and designated as the  
Marcelina - Dakota Oil Pool, consisting  
of the following-described area:

TOWNSHIP 16 NORTH, RANGE 9 WEST, NMPM  
Section 18: S/2 SW/4  
Section 19: N/2 NW/4

TOWNSHIP 16 NORTH, RANGE 10 WEST, NMPM  
Section 24: NE/4 NE/4

(e) That a new pool in San Juan  
County y, New Mexico, classified as a gas pool for  
Fruitland production, is hereby created and designated as the  
Jelic Canyon - Fruitland Pool, consisting  
of the following-described area:

TOWNSHIP 29 NORTH, RANGE 8 WEST, NMPM  
Section 36: NW/4

(f) That a new pool in San Juan  
County y, New Mexico, classified as a gas pool for  
Fruitland production, is hereby created and designated as the  
Crouch Mesa - Fruitland Pool, consisting  
of the following-described area:

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

(g) That a new pool in San Juan  
County y, New Mexico, classified as a gas pool for  
Fruitland production, is hereby created and designated as the  
Sedro Canyon - Fruitland Pool, consisting  
of the following-described area:

TOWNSHIP 31 NORTH, RANGE 9 WEST, NMPM  
Section 23: NW/4

(h) That a new pool in Sandoval  
County y, New Mexico, classified as a gas pool for  
Chacra production, is hereby created and designated as the  
Pesty - Chacra Pool, consisting  
of the following-described area:

TOWNSHIP 22 NORTH, RANGE 7 WEST, NMPM  
Section 13: E/2  
Section 23: A11  
Section 24: N/2  
Section 26: N/2

(i) That a new pool in San Juan  
County y, New Mexico, classified as a gas pool for  
Chacra production, is hereby created and designated as the  
Navajo City - Chacra Pool, consisting  
of the following-described area:

TOWNSHIP 30 NORTH, RANGE 8 WEST, NMPM  
Section 24: S/2  
Section 25: A11  
Section 35: N/2  
Section 36: N/2

(j) That a new pool in San Juan  
County y, New Mexico, classified as a gas pool for  
Chacra production, is hereby created and designated as the  
Animas - Chacra Pool, consisting  
of the following-described area:

TOWNSHIP 31 NORTH, RANGE 10 WEST, NMPM  
Section 6: NW/4

(k) That a new pool in San Juan  
County y, New Mexico, classified as an oil pool for  
Mississippian production, is hereby created and designated as the  
Beautiful Mountain - Mississippian Oil Pool, consisting  
of the following-described area:

TOWNSHIP 26 NORTH, RANGE 19 WEST, NMPM  
Section 5: NW/4

(l) That a new pool in San Juan  
County, New Mexico, classified as a gas pool for  
Mississippian production, is hereby created and designated as the  
North Tocito Dome - Mississippian Pool, consisting  
of the following-described area:

Township 27 North, Range 18 West, NMPM  
Section 34: E/2

(m) That a new pool in McKinley  
County, New Mexico, classified as an oil pool for  
Mesaverde production, is hereby created and designated as the  
Franciscan Lake - Mesaverde Oil Pool, consisting  
of the following-described area:

TOWNSHIP 20 NORTH, RANGE 5 West, NMPM  
Section 7: All  
Section 18: N/2

TOWNSHIP 20 NORTH, RANGE 6 WEST, NMPM  
Section 12: E/2

(n) That a new pool in San Juan  
County, New Mexico, classified as a gas pool for  
Gallup production, is hereby created and designated as the  
Albino - Gallup Pool, consisting  
of the following-described area:

TOWNSHIP 32 NORTH, RANGE 8 WEST, NMPM  
Section 26: NE/4

(o) That a new pool in San Juan  
County, New Mexico, classified as an oil pool for  
Gallup production, is hereby created and designated as the  
Knickerbocker Butte - Gallup Oil Pool, consisting  
of the following-described area:

TOWNSHIP 30 NORTH, RANGE 10 WEST, NMPM  
Section 17: SW/4

(p) That a new pool in Sandoval  
County, New Mexico, classified as a gas pool for  
Gallup production, is hereby created and designated as the  
Pisty - Gallup Pool, consisting  
of the following-described area: Township 22 North, Range 7 West, NMPM  
Section 16: NW/4

(3) That a new pool in Sandoval  
County y, New Mexico, classified as an oil pool for  
Gallup production, is hereby created and designated as the  
Alamito - Gallup Oil Pool, consisting  
of the following-described area:

Township 23 North, Range 7 West, NMPM  
Section 31: SE/4

(u) That a new pool in San Juan  
County y, New Mexico, classified as an oil pool for  
Gallup production, is hereby created and designated as the  
Nageezi - Gallup Oil Pool, consisting  
of the following-described area:

TOWNSHIP 23 NORTH, RANGE 8 WEST, NMPM  
Section 6: S/2  
Section 7: N/2  
Section 8: ~~SW/4~~ SE/4 & W/2

TOWNSHIP 23 NORTH, RANGE 9 WEST, NMPM  
Section 1: ~~W/2~~ E/2

(v) That a new pool in Rio Arriba  
County y, New Mexico, classified as an oil pool for  
Gallup production, is hereby created and designated as the  
Ojito - Gallup Oil Pool, consisting  
of the following-described area:

Township 25 North, Range 3 West, NMPM  
Section 17: SW/4

(t) That a new pool in Sandoval  
County y, New Mexico, classified as an oil pool for  
Gallup production, is hereby created and designated as the  
Media - Gallup Oil Pool, consisting  
of the following-described area:

Township 19 North, Range 3 West, NMPM  
Section 22: SW/4 NE/4

(w) That a new pool in San Juan  
County y, New Mexico, classified as a gas pool for  
Harrington production, is hereby created and designated as the  
South Hallegos - Harrington Pool, consisting  
of the following-described area:

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM  
Section 2: S/2  
Section 10: NE/4  
Section 11: NW/4



(V) That the Angels Peak - 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 10 West, NMPM

Section 36: all

(W) 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 4: W/2

Township 30 north, Range 10 West, NMPM

Section 33: SW/4

(X) 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 19: W/2

(Y) That the Ballard - Pictured Cliffs Pool  
in Sandoval County, New Mexico, as heretofore classified,  
defined, and described, is hereby extended to include therein:

TOWNSHIP 23 NORTH, RANGE 4 WEST, NMPM

Section 19: S/2  
Section 20: All  
Section 21: W/2  
Section 27: W/2 & SE/4  
Section 28: All  
Section 29: All  
Section 30: All  
Section 31: N/2  
Section 32: N/2  
Section 33: NW/4

TOWNSHIP 24 NORTH, RANGE 4 WEST, NMPM

Section 33: N/2

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPM

Section 35: SW/4

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

TOWNSHIP 25 NORTH, RANGE 4 West, NMPM

Section 2: W/2  
Section 3: E/2  
Section 4: All  
Section 9: All  
Section 16: N/2

TOWNSHIP 30 NORTH, RANGE 5 WEST, NMPM

Section 4: All  
Section 5: All

TOWNSHIP 32 NORTH, RANGE 5 WEST, NMPM

Section 33: All

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

TOWNSHIP 28 NORTH, RANGE 7 WEST, NMPM  
Section 18: N/2

TOWNSHIP 31 NORTH, RANGE 10 WEST, NMPM  
Section 3: All  
Section 4: All  
Section 9: All  
Section 10: All  
Section 13: All  
Section 14: E/2

TOWNSHIP 32 NORTH, RANGE 10 WEST, NMPM  
Section 30: W/2  
Section 31: NW/4

TOWNSHIP 32 NORTH, RANGE 11 WEST, NMPM  
Section 15: W/2  
Section 18: S/2

TOWNSHIP 32 NORTH, RANGE 12 WEST, NMPM  
Section 13: N/2 & SE/4

(b) That the South Blanco - 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 4 WEST, NMPM  
Section 9: S/2  
Section 13: S/2  
Section 16: All  
Section 21: N/2

(cc) That the Bloomfield - Chaco 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 9: S/2  
Section 10: S/2  
Section 11: S/2  
Section 12: S/2

TOWNSHIP 29 NORTH, RANGE 11 WEST, NMPM  
Section 35: NE/4

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

TOWNSHIP 29 NORTH, RANGE 4 West, NMPM

Section 12: NE/4

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

TOWNSHIP 24 NORTH, RANGE 6 West, NMPM

Section 3: SW/4

Section 9: E/2 NE/4

Section 10: NW/4

(ff) That the Devils Fork - Mesaville Oil Pool  
in Rio Arriba County, New Mexico, as heretofore classified,  
defined, and described, is hereby extended to include therein:

TOWNSHIP 24 NORTH, RANGE 6 West, NMPM

Section 7: E/2

Section 8: S/2

Section 17: N/2

(gg) That the proposed extension to the  
Dufers Point Gallup-Dakota Pool  
in San Juan County, New Mexico, as heretofore classified,  
defined, and described, is hereby ~~extended to include therein:~~  
dismissed.

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

TOWNSHIP 24 NORTH, RANGE 7 West, NMPM

Section 18: SW/4

(ii) 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 10 WEST, NMPM

Section 17: W/2 & SE/4

Section 18: S/2

TOWNSHIP 26 NORTH, RANGE 11 WEST, NMPM

Section 13: S/2

Section 24: N/2

TOWNSHIP 27 NORTH, RANGE 13 WEST, NMPM

Section 26: S/2

Section 27: E/2

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

TOWNSHIP 26 NORTH, RANGE 11 WEST, NMPM

Section 7: All

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM

Section 8: N/2

Section 9: N/2

TOWNSHIP 26 NORTH, RANGE 12 West, NMPM

Section 10: N/2

Section 13: E/2

Section 24: E/2

Section 25: E/2

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

TOWNSHIP 29 NORTH, RANGE 4 WEST, NMPM

Section 19: S/2  
Section 30: All  
Section 31: NE/4  
Section 32: N/2 & SE/4

TOWNSHIP 29 NORTH, RANGE 5 WEST, NMPM

Section 3: W/2  
Section 10: N/2  
Section 11: W/2  
Section 13: W/2  
Section 14: All

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

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM

Section 30: S/2  
Section 31: N/2

(mm) 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 10 WEST, NMPM

Section 5: NW/4  
Section 6: N/2  
~~Section 30: NW/4~~

TOWNSHIP 27 NORTH, RANGE 11 WEST, NMPM

Section 1: N/2

Township 28 North, Range 10 West, NMPM  
Section 32: SW/4

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

TOWNSHIP 27 NORTH, RANGE 8 WEST, NMPM

Section 3: S/2  
Section 4: SE/4  
Section 22: N/2

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

TOWNSHIP 25 NORTH, RANGE 4 WEST, NMPM

Section 17: S/2  
Section 18: S/2  
Section 20: W/2 & NE/4

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

TOWNSHIP 25 NORTH, RANGE 12 WEST, NMPM

~~Section 21: NW/2~~

Section 3: All

~~Section 21: NW/2~~

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM

Section 20: NW/4

Section 21: SE/4

Section 22: S/2

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

TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM

Section 4: W/2

Section 5: S/2

Section 7: All

Section 8: NW/4

Section 25: SW/4

TOWNSHIP 26 NORTH, RANGE 7 WEST, NMPM

Section 12: E/2

(nn) 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 NORTH, RANGE 5 WEST, NMPM

Section 15: S/2

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM

Section 26: S/2

(ss) That the proposed extension to the  
East Puerto Chiquito - Gallup Pool  
in Rio Arriba County, New Mexico, as heretofore classified,  
defined, and described, is hereby ~~extended to include therein:~~  
dismissed.

(KA) 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 12 WEST, NMPM

Section 22: N/2

Section 23: N/2

Section 24: N/2

NMPM

(iii) That the Pretty - Manatee Dil Pool  
in Sandoval County, New Mexico, as heretofore classified,  
defined, and described, is hereby extended to include therein:

TOWNSHIP 22 NORTH, RANGE 7 WEST, NMPM  
Section 13: SW/4  
Section 14: SE/4

1M

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

TOWNSHIP 26 NORTH, RANGE 4 WEST, NMPM  
Section 22: W/2

1PM

TOWNSHIP 27 NORTH, RANGE 4 WEST, NMPM  
Section 8: W/2  
Section 17: W/2  
Section 19: NE/4  
Section 20: NW/4

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

TOWNSHIP 32 NORTH, RANGE 13 West, NMPM

Section 30: SW/4

(xx) That the WAW - 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 13 WEST, NMPM  
Section 4: NW/4

TOWNSHIP 27 NORTH, RANGE 13 WEST, NMPM  
Section 29: NW/4  
Section 30: NE/4  
Section 31: NW/4  
Section 33: All  
Section 34: SW/4 & N/2

Section 27: SE/4

DRAFT

dr/

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE No. 5821 DE NOVO

Order No. R- 5339-B

APPLICATION OF BLACKWOOD AND  
NICHOLS CO., LTD., FOR A HEARING  
DE NOVO, SAN JUAN COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on March 23, 1977,  
at Santa Fe, New Mexico, before the Oil Conservation Commission  
of New Mexico, hereinafter referred to as the "Commission."

NOW, on this        day of May, 1977, the Commission,  
a quorum being present, having considered the testimony presented  
and the exhibits received at said hearing, and being fully advised  
in the premises,

FINDS:

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

(2) That in Case 5821, by its Order No. R-5339, Paragraph (i),  
the Commission created and defined the Navajo City-Chiaca Pool  
in Township 30 North, Range 8 West, NMPM, San Juan County, New  
Mexico.

-2-  
Case No. 5821 De Novo  
Order No. R-5339-B

(3) That in Case 5821, by its Order No. R-5339, Paragraph (j), the Commission created and defined the Animas-Chacra Pool in Township 31 North, Range 10 West, San Juan County, New Mexico.

(4) That said Commission Order No. R-5339 was entered on the 25th day of January, 1977, with an effective date of February 1, 1977.

(5) That on February 10, 1977, the applicant, Blackwood & Nichols Co., Ltd., submitted an application for a hearing de novo on said Paragraphs (i) and (j) of said Case 5821 and Order No. R-5339.

(6) That said application was timely filed and was set for hearing.

(7) That at the time of creation of said Navajo City-Chacra Pool and said Animas-Chacra Pool a Commission-called committee was studying pool limits around and within the area of said pools.

(8) That said Navajo City-Chacra Pool and said Animas-Chacra Pool should not have been created or defined until after said Committee had concluded its study and made its recommendations to the Commission.

(9) That said Paragraphs (i) and (j) of said Commission Order No. R-5339, as amended, should be deleted.

(10) That such deletion will not violate correlative rights nor result in waste.

IT IS THEREFORE ORDERED:

(1) That effective January 23, 1977, Paragraphs (i) and (j) of Commission Order No. R-5339, as amended, are hereby deleted.

(2) That jurisdiction of this cause is ~~hereby~~ retained for the entry of such further orders as the Commission may deem necessary.

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



Pictorial Cliff

Huerfano

Chaco

Chaco

Rock Desert

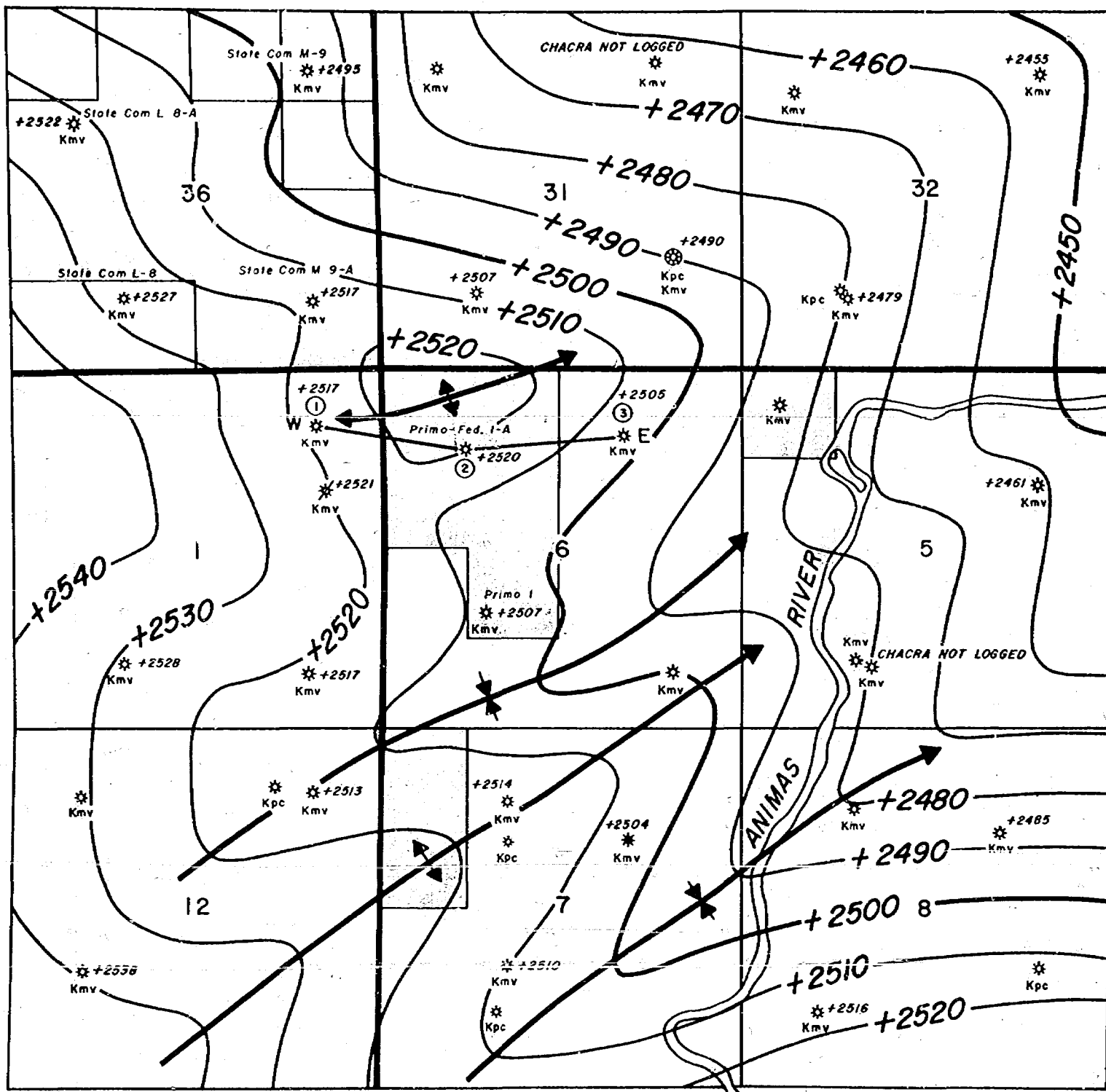
BEFORE THE  
OIL CONSERVATION COMMISSION  
San Antonio, New Mexico

Case No. 5821 Sub No. 3  
Submitted by MESA  
Hearing Date 3/23/77

DATE: 3/23/77		TIME: 10:00 AM	
BY: [Signature]		BY: [Signature]	
TITLE: [Blank]		TITLE: [Blank]	

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BEFORE THE  
OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

Case No. 5821 Exhibit No. 2

Submitted by Mesa

Hearing Date 3/23/77



MESA PETROLEUM CO.  
CENTRAL DIVISION

SAN JUAN CO., NEW MEXICO

EXHIBIT #  
STRUCTURE MAP  
CONTOURED ON TOP CHACRA  
C.I. = 10'

Scale: 1" = 2000'

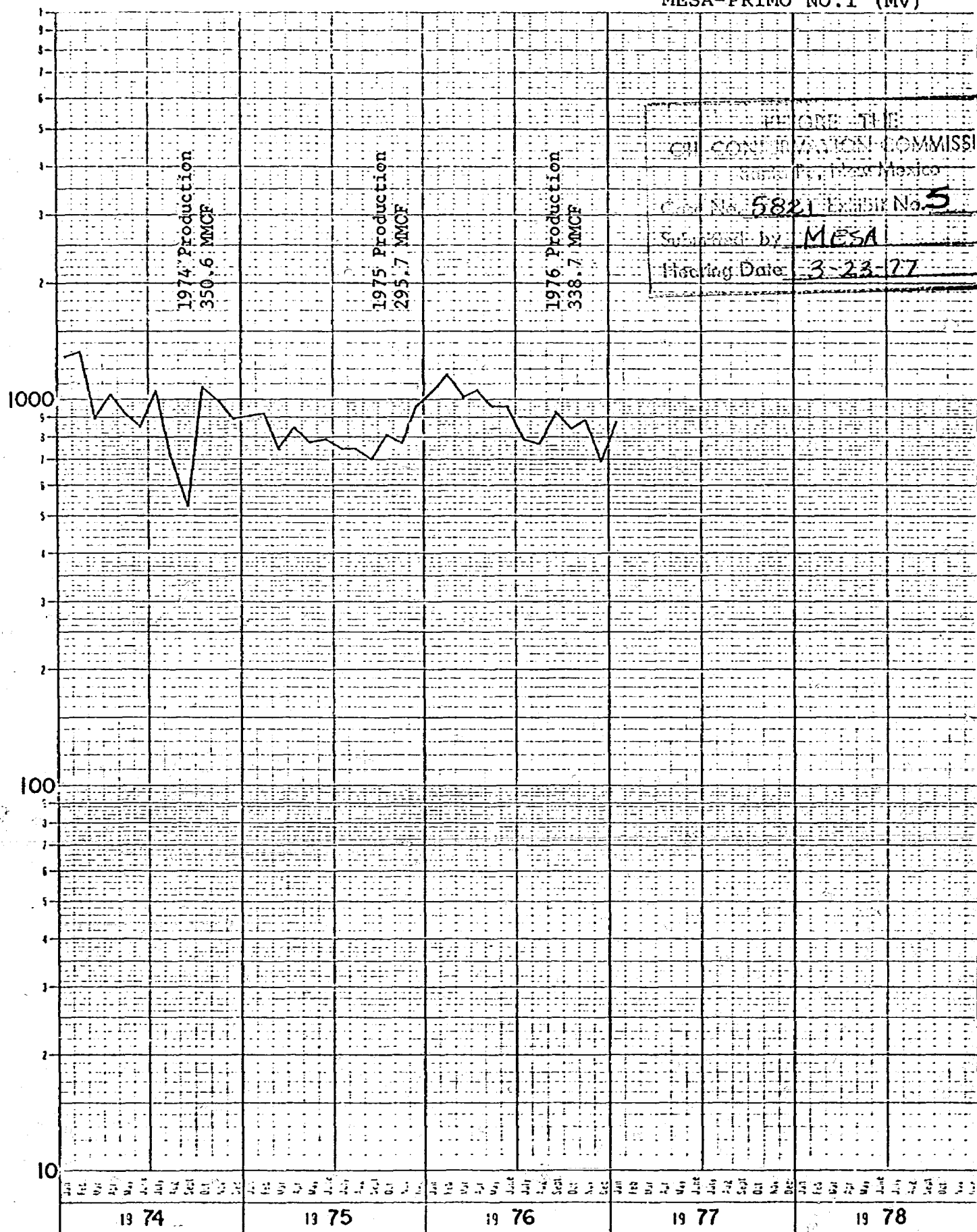
Mar., 1977  
D. Hamilton

BLANCO FIELD  
SAN JUAN CO., N. MEX.  
MESA-PRIMO NO.1 (MV)

10 YEARS BY MONTHS X 3 LOG CYCLES BU 4079 CO

**Dr. J. Edgar Hoover** | Director, Federal Bureau of Investigation  
U.S. Department of Justice | Washington, D.C. 20535

**GAS PRODUCTION-MCFD**



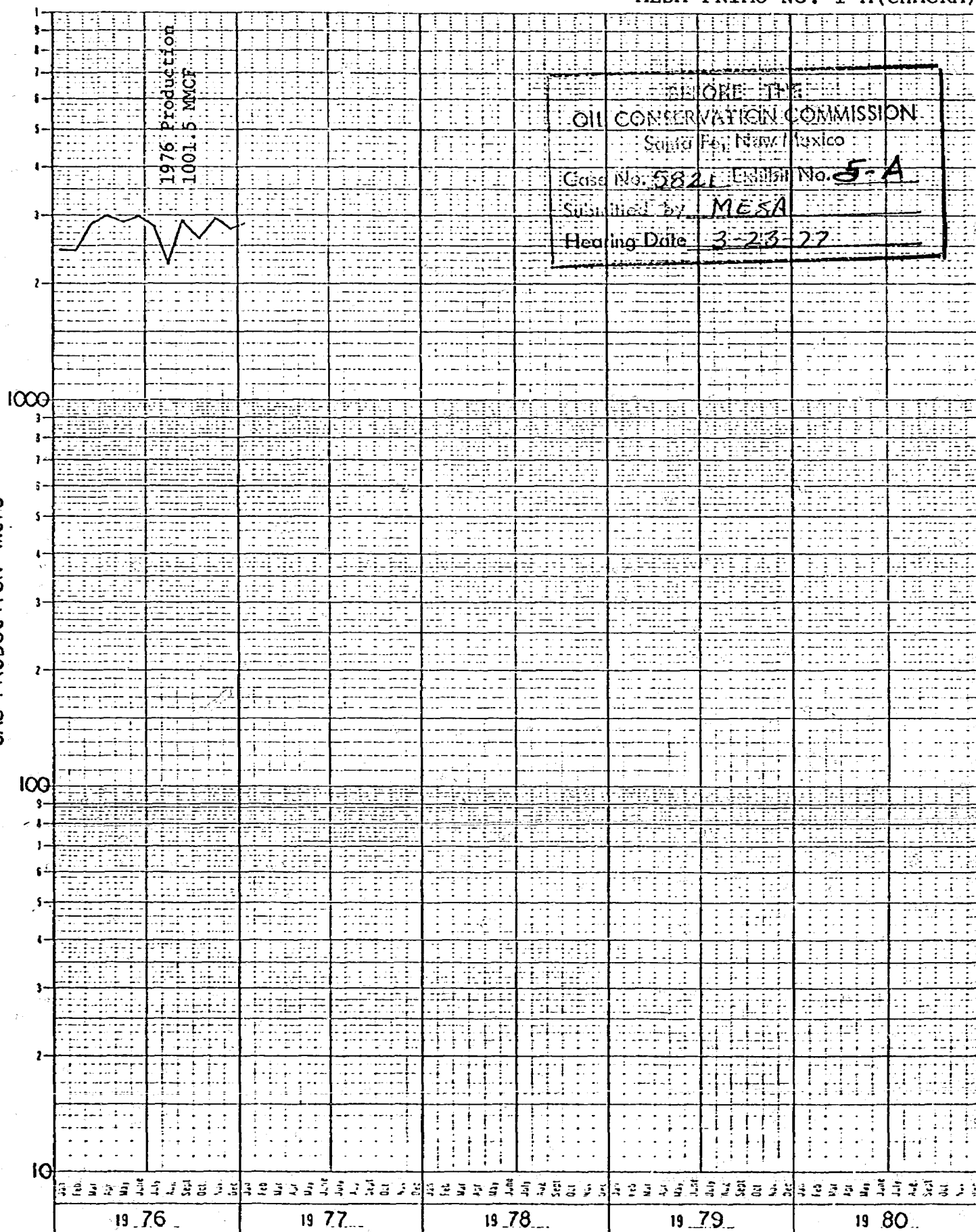
80 4079-60

10 YEARS BY MONTHS X 3 LOG CYCLES

Buffalo, New York

© 1976 by The American Petroleum Institute, Washington, D.C.

GAS PRODUCTION - MCFD



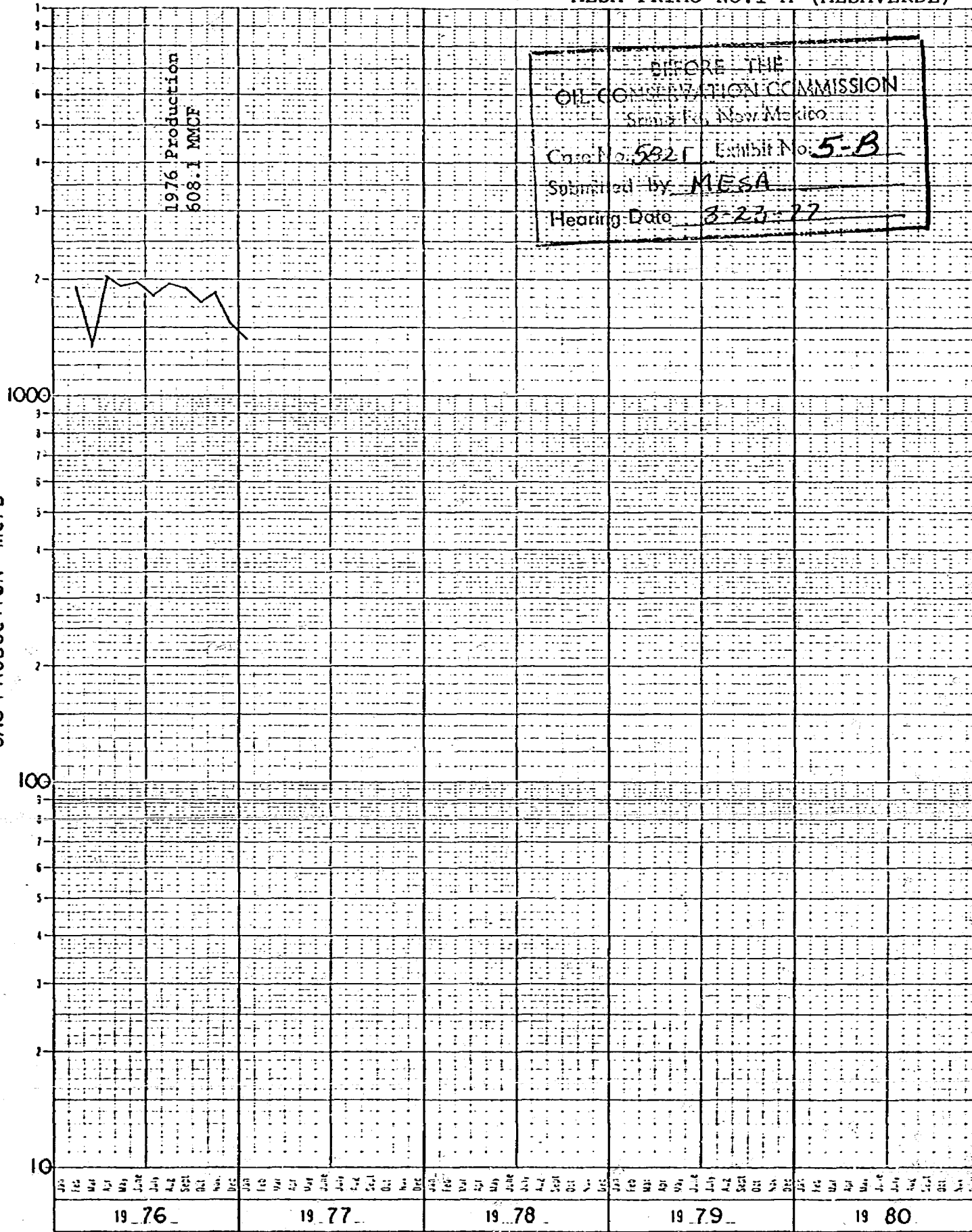
BEFORE THE  
OIL CONSERVATION COMMISSION  
State of New Mexico  
Case No. 5821-ENR-1511 No. 5-A  
Submitted by MESA  
Hearing Date 3-23-77

BLANCO FIELD  
SAN JUAN CO., N. MEX.  
MESA-PRIMO NO.1-A (MESAVERDE)

10 YEARS BY MONTHS X 3 LOG CYCLES 80 4079 CO

15 YEARS BY MONTHS X 3 LOG CYCLES 80 4079 CO

GAS PRODUCTION - MCFD



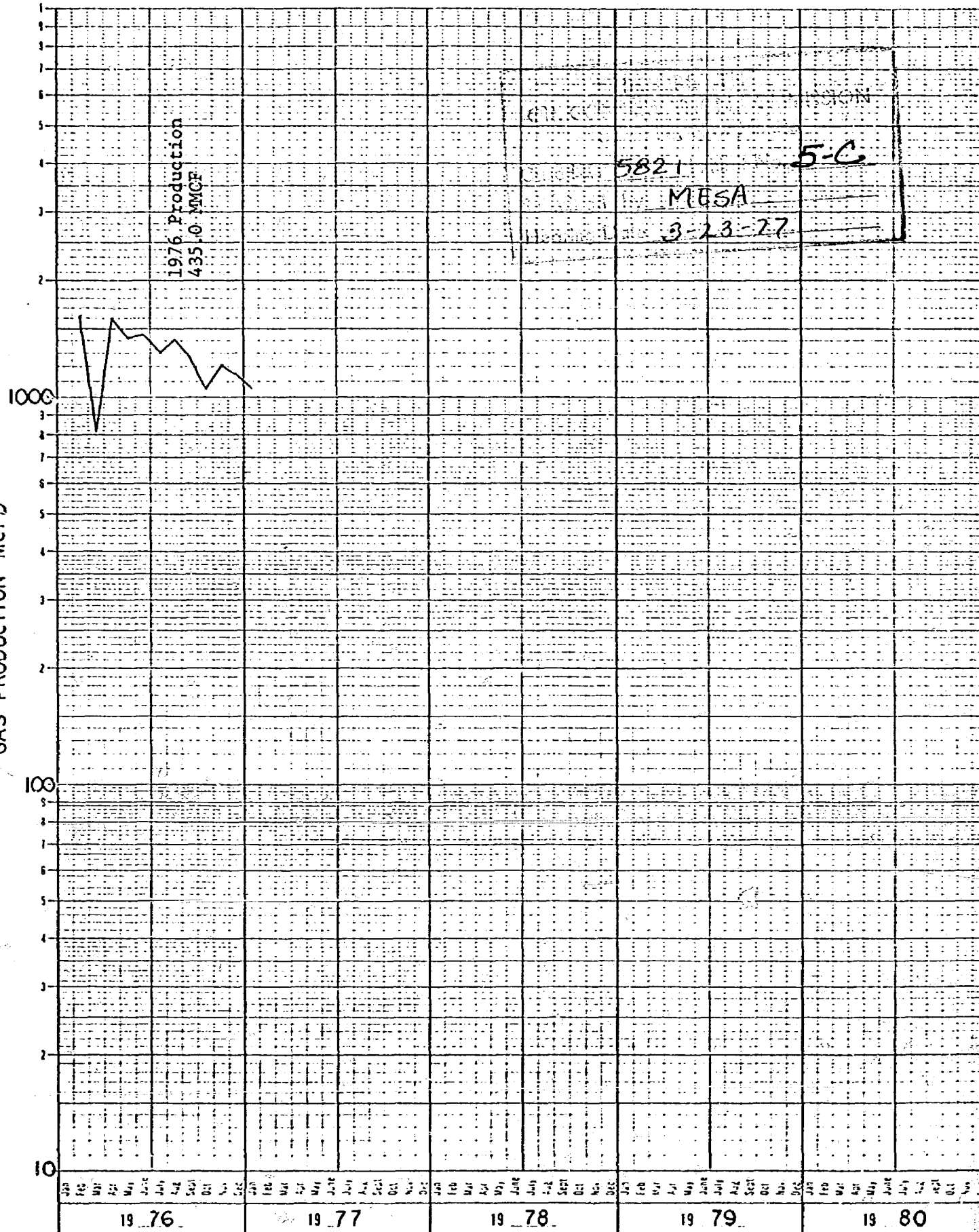
BEFORE THE  
OIL COMMISSION  
San Juan Co., New Mexico  
Case No. 5821 Exhibit No. 5-B  
Submitted by MESA  
Hearing Date 3-23-77

BLANCO FIELD  
SAN JUAN CO., N. MEX.  
MESA-PRIMO NO.1-A (PIC. CLIFFS)

10 YEARS BY MONTHS X 3 LOG CYCLES 80 4079-60

AMERICAN PETROLEUM CORPORATION Indian New York

GAS PRODUCTION - MCFD



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10 YEARS BY MONTHS X 3 LOG CYCLES 80-4079-CO

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GAS PRODUCTION - MCFD

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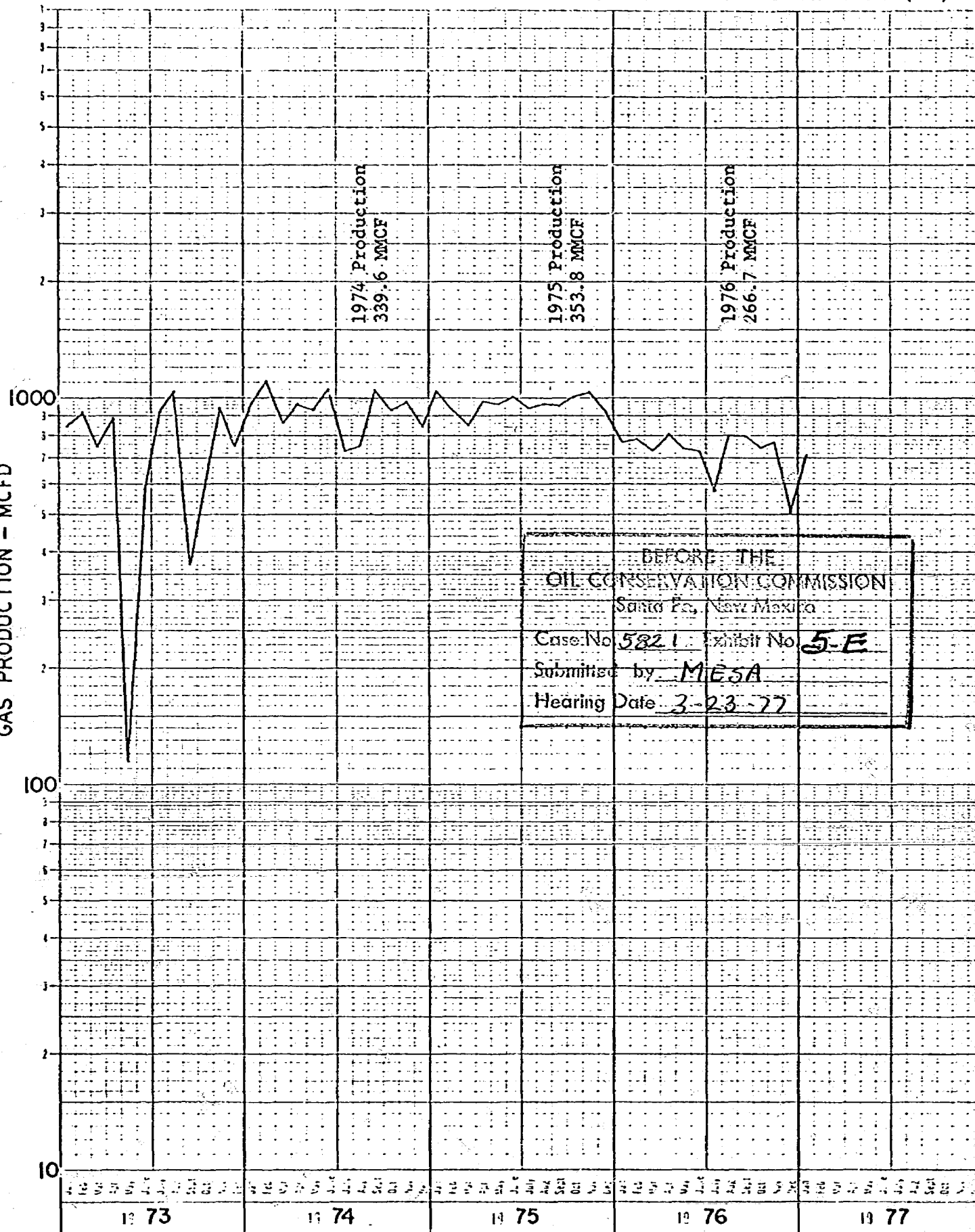
1976 Production  
 413.6 MMCF

BEFORE THE  
 OIL CONSERVATION COMMISSION  
 Santa Fe, New Mexico  
 Case No. 5821  
 Submitted by MESA  
 Hearing Date 3-23-77



10 YEARS BY MONTHS X 3 LOG CYCLES 80 4079 60

GAS PRODUCTION - MCFD

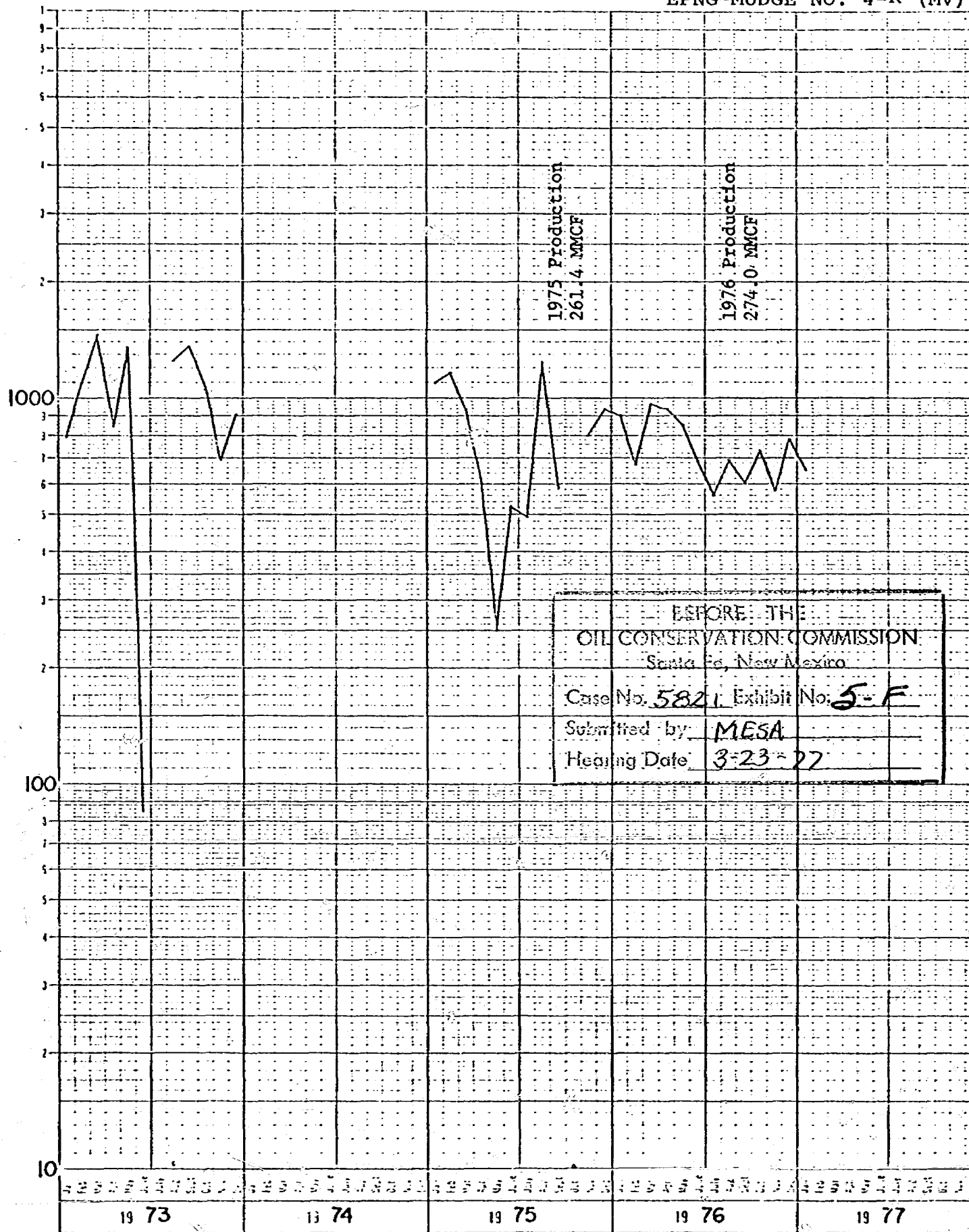




10 YEARS BY MONTHS X 3 LOG CYCLES BU 40/9 CO

ES. STATE OF NEW MEXICO DEPARTMENT OF REVENUE  
Bureau of Taxation

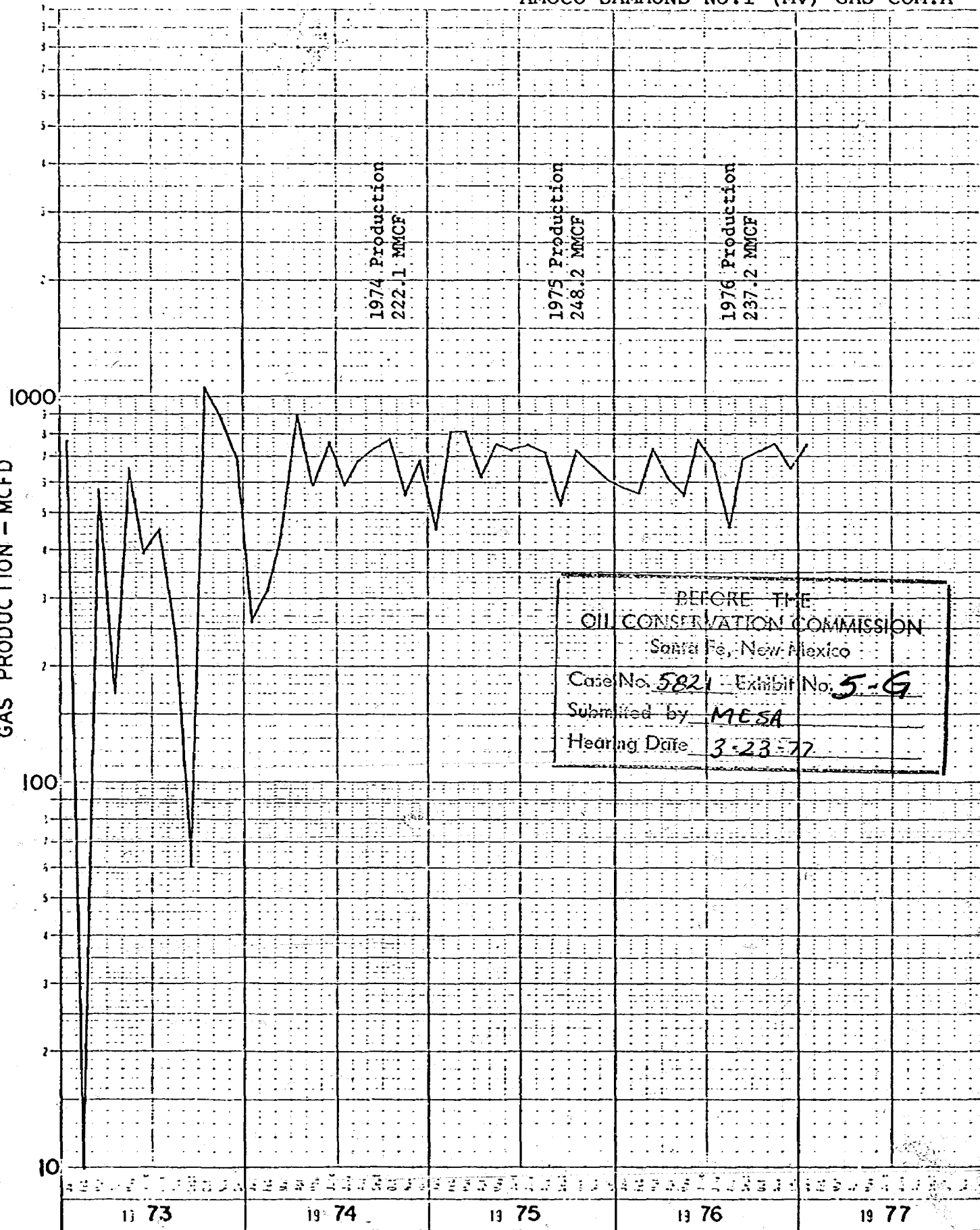
GAS PRODUCTION - MCFD



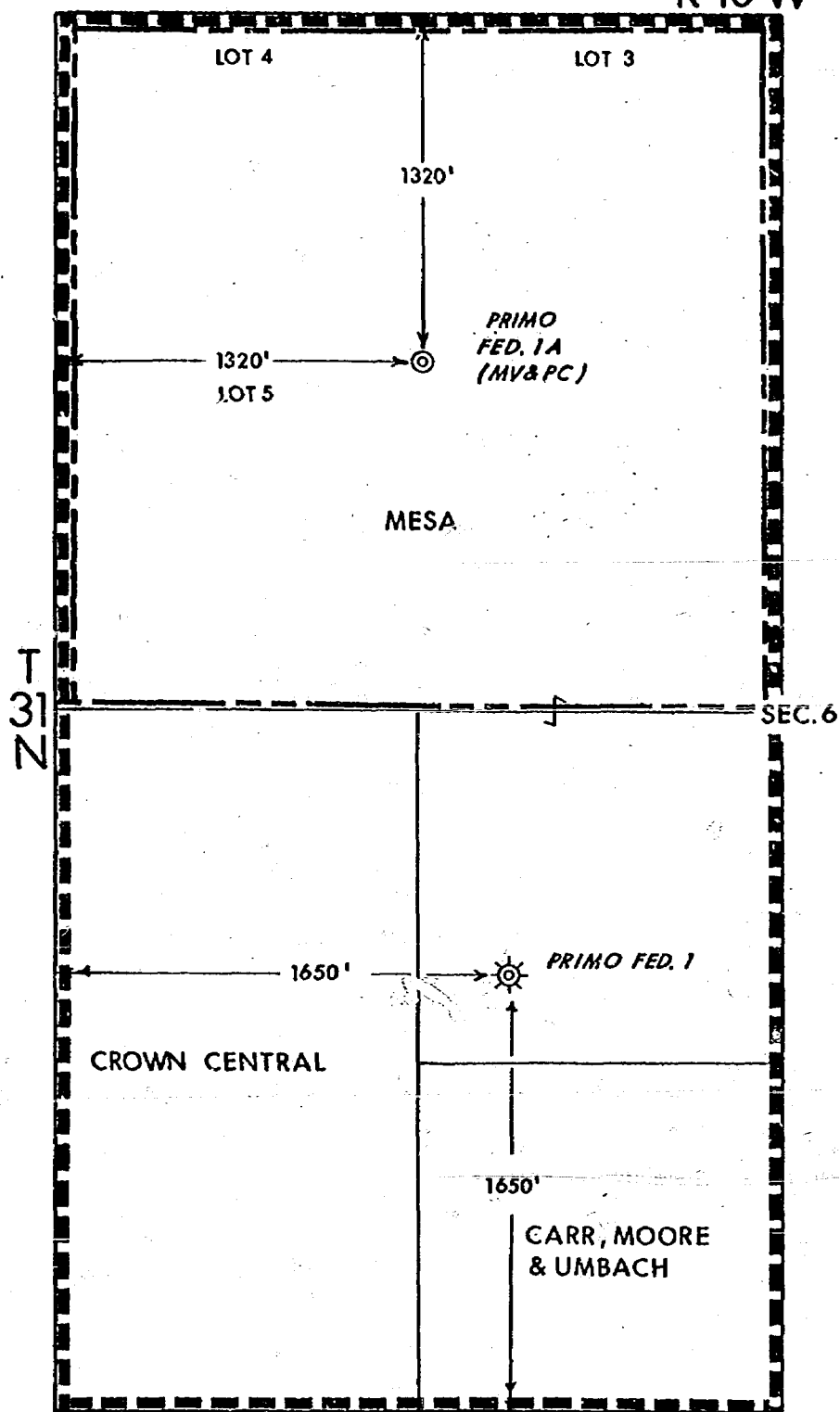
10 YEARS BY MONTHS X 3 LOG CYCLES 80 4079 CO

AMOCO-SAMMONS NO.1 (MV)-GAS COM.A

GAS PRODUCTION - MCFD



R 10 W



BEFORE THE  
OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
Case No. 5821  
Submitted by Mesa Petroleum Co.  
Hearing Date 3-23-77

PRORATION UNITS

- - - - - MV - 307.57 AC - MESA WI 62.42130%
- - - - - PC & CHACRA - 151.09 AC - MESA WI 100.0000%

FED. LEASE SF 078215B  
SAN JUAN CO. NEW MEXICO