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

# CASE NO.

582/

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

MAR 1 1 1982
OIL CURSE SANTA FE

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 Perticipating 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
Jacqulyn M. Williams	.00260911
Westland Oil Development Corp.	.04940999
Total	.67983705

Those voting not to adopt the definition were as follows:

El Paso Natural Gas Company		.21199416
Tenneco 0il Company		.01440596
Continental Oil Company	<u>,</u>	.01440595
Total		.24080607

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

y General Partner

**OPERATOR** 

STATE OF OKLAHOMA )

COUNTY OF OKLAHOMA )

Before me, the undersigned, a notary public in and for said County and State, on the 15th day of November, 1976, presonally appeared

F. G. 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.

Notary Public

Myscomission expires:

. October 12, 1980

#### 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  $4,252^{\circ}$ .

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 nippling 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 the 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 this ving 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

Basin New Mexico and Colorado" shows clearly that the Mesaverde group is not limited to the "Massive Sandstone Members" of the Point Lookout or Cliff House. A cross section Figure 1, shows that benches of the Point Lookout extend 200'-500' below the "Massive Sandstone Member". Benches also extend 600'-800' above the top of the "Massive Sandstone Member" of the Cliff House. In A.A.P.G. Bulletin Vol. 40, No. 9, September, 1956, a paper by Beaumont, Dane and Sears, of the U.S.G.S., entitled "Revised Nomenclature of Mesaverde Group, San Juan Basin on page 2159 states that "In view of the continuity of the massive sandstone unit through this area the name Cliff House sandstone of the Mesaverde group will replace Chacra sandstone member throughout the former extent of that unit."

In U.S.G.S. Professional Paper 400-B 1960, entitled "New Information on the Areal Extent of Some Upper Cretaceous Units in North-western New Mexico", C. H. Dane refers to "The Hosta sandstone, a lower tongue of the Point Lookout sandstone of the Mesaverde Group." This points out the problem with limiting the lower limits to the base of the thick easily identified thick "Massive Sandstone Member" of Point Lookout Sandstone.

A cross section reproduced from A.A.P.G. Bulletin, Vol. 44, No. 1, 1960, "Upper Cretaceous Stratigraphy, Rocky Mountains" by R. J. Weimer is shown below which illustrates the continuity of deposition and transgressive/regressive relationship.

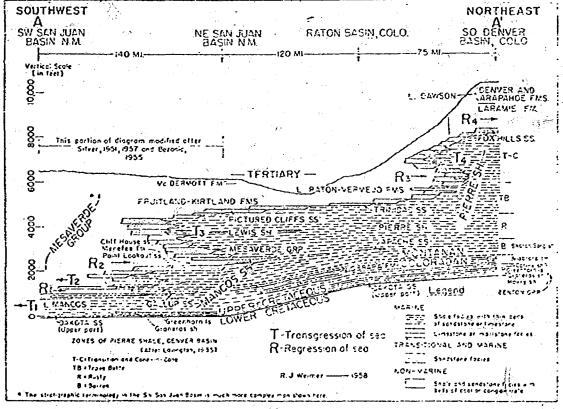


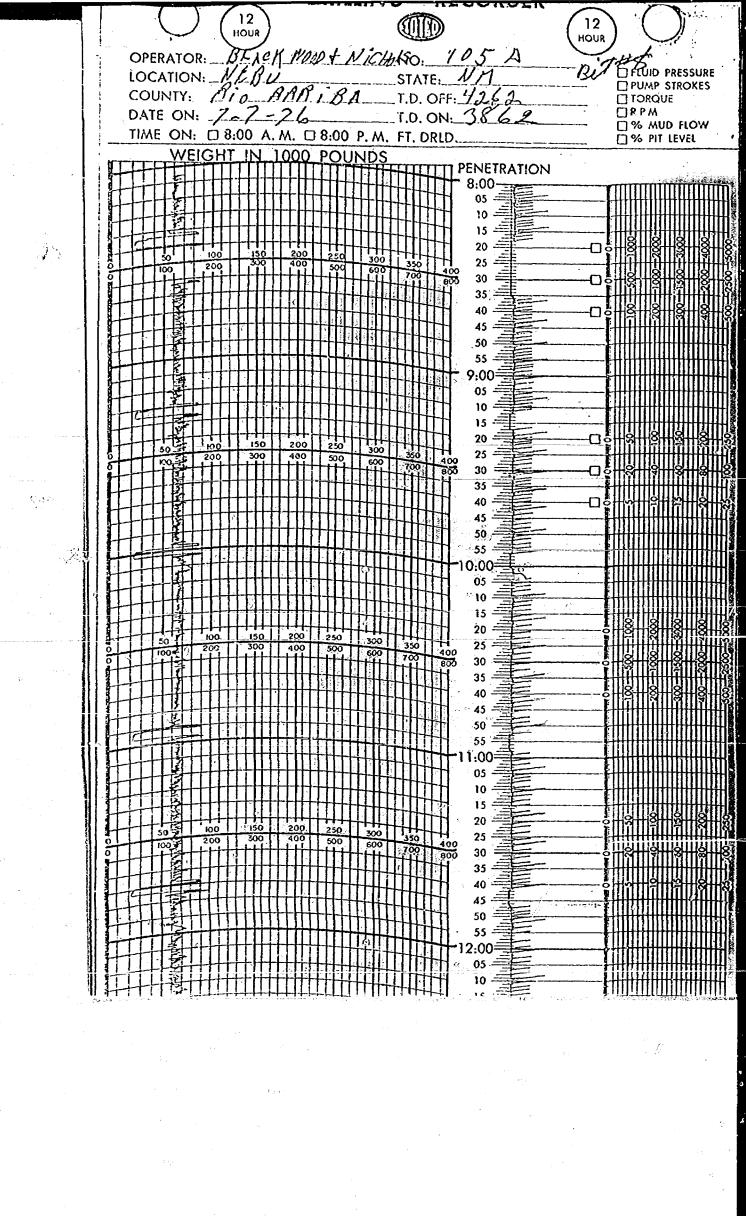
Fig. 2.—Diagrammatic restored section of Upper Cretaceous rocks extending from southwest San Juan Basin of New Mexico to south part of Denver Basin, Colorado. Tertiary rocks regionally cover erosional surface of Cretaceous strata. Diagram structurally distorts this surface.

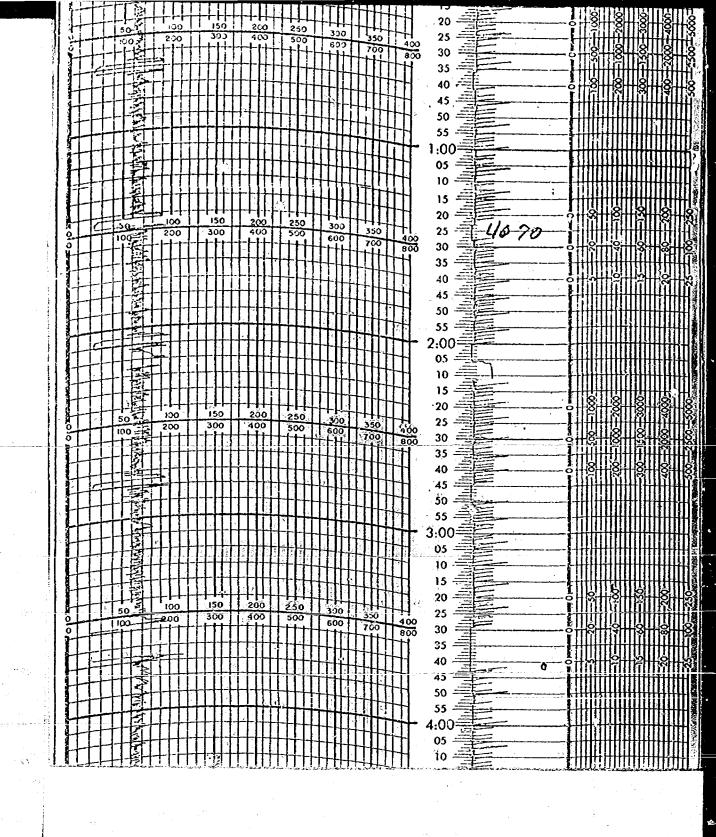
In the 1961 A.A.P.G. Book, "Geometry of Sandstone Bodies", a paper by Charles T. Hollenshead and Roy L. Pritchard entitled "Geometry of Producing Mesaverde Sandstones, San Juan Basin" in describing the "Green Marker Horizon" on page 106 stated "It is believed to represent approximate contemporanenty 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.

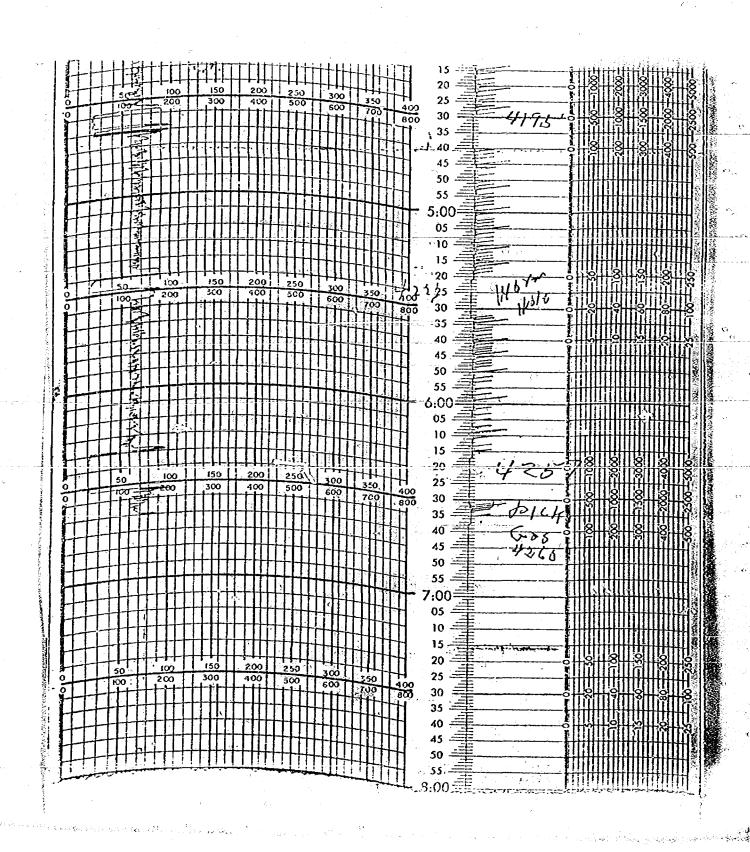
In the "Geologic Atlas of the Rocky Mountain" published in 1972 by the Rocky Mountain Association of Geologists Figure 35, taken from work by R. J. Weimer, shows the Mesaverde group from the San Juan Basin to Wyoming. The vertical limits vary greatly from one area to another.

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 continuam 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.







Form 23-118T (Rev. 5-62)

### EL PASO NATURAL GAS COMPANY SAN JUAN LABORATORY

Data of Run	10-5-76			Analysis No. VF29588
			Date Secured	
Sample From	N. E. Blan		4 .	Secured By RcLasso_Loos
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		<del></del>	<del></del>	HEATING VALUE
COMPONENT	MOL. %	G. P. M.	LIQ. VOL. %	B.T.U. PER CU. FT.
Carbon Dioxide	.92			Dry Basis, 14.695 lbs./sq. in., 50° F. Calculated from % Gomposition 1107
Hydrogen Sulfide	.00			
Nitrogen	,20	, s		Calorimeter SULPHUR CONTENT
Methane	89.95			GRAINS PER 100 CU. FT.
Ethane	5.60	<del></del>		14.7 Ibs./sq. In., 60° F. Hydrogen Sulfide
Propune	2.06	. 5654		Mercaptans
I-Butane	.34	.1109		
N-Butane	.47	,1477	1	SPECIFIC GRAVITY  14.696 lbs./sq. in., 60° F.
I-Pentane	,13	.0474		Calculated from % Composition 633
N-Pentane	.09	.0325		Calculated from % Liquid
Hexane	.24	.1044		VAPOR PRESSURE
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## EL PASO NATURAL GAS COMPANY SAN JUAN LABORATORY

Date of Run	10-5-76		· · · · · · · · · · · · · · · · · · ·	Analysis No.	VF29586	·
Sample From	Blackwood I	Date Secured	10-4-76			
Sample Marked				Secured By	DeLasso Loos	<del></del>
					HEATING VALUE	
COMPONENT	MOL. %	G.P.M.	LIQ. VOL. %	e de la companya de l	B.1.U. PER CU. FT.	•
Carbon Dioxide	.14			Dry Basis, 14.696 Calculated from %	lbs./sq. in., 60°F.	.50
Hydrogen Sulfide	.00			Calorimeter		5
vitrogen	,32	· -			SULPHUR CONTENT	
Methane	37.93			* <b>-</b>	AINS PER 100 CU. FT.	
Ethane	6.96			14.7 lbs./sq. in./ Hydrogen Sulfide	. 1 °00	.00
Propane	2.73	.7493	1	Mercoptons		.00
- Butane	.55	.1794			epekieje objektivo	
V - Butane	.72	.2263		14.696 lbs./sq. in	SPECIFIC GRAVITY	.650
-Pentone	1 ,23	.0839		Calculated from %	Composition	
N-Pentane	.16	.0578		Calculated from %	Liquid	
Hexane	.26	″ <sub>&gt;</sub> ,1131		PSIA at 100° F.	VAPOR PRESSURE	
	j			Calculated from M	ole %	
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Form 13-1157 (Kev. 5-61)

## EL PASO NATURAL GAS COMPANY YNOTAROEAJ NAUL NAS

FRACTIONAL DISTILLATION	N ANALYSIS				GAS CHROMATOGRAPHY ANALYSIS
Date of Run	10-5-76		<del></del>		Analysis No. VF29687
Sample From	Blackwood Nickols				Date Secured 10-4-76
Sample Marked	N. E. Blanco Unit # 105				Secured By DeLasso Loos
	1			_	UCATINO VALUE
COMPONENT	MOL. %	G.P.M.	LIQ. VOL. %		HEATING VALUE B.T.U. PER CU. FT.
Carbon Dioxide	.87				Dry Basis, 14.696 lbs./sq. in., 60° F. Calculated from % Composition 1131
Hydrogen Sulfide	.00				Colorimeter
Nitrogen	.28				SULPHUR CONTENT
Methane	88.33				GRAINS PER 100 CU. FT.
Ethane	6.31		*		14.7 lbs./sq. in., 60° F. Hydrogen Sulfide .00
Ргорапе	2.46	,6752	<u> </u>		Mercaptons00
I-Butane	.48	.1565			
N-Butane	.64	.2012	1 4 T		SPECIFIC GRAVITY 14.696 lbs./sq. In., 60° F.
I-Pentane	•20	.0730	All and the second seco		Calculated from % Composition .649
N-Pentane	.13	.0469			Coiculated from % Liquid
Hexane	÷30	.1305	A Section 1997		VAPOR PRESSURE
					PSIA at 100° F. Calculated from Mole %
TOTALS	100.00	1.284			Column/s Used
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Don Adams	``	· · · · · · · · · · · · · · · · · · ·			Sec. 24 T. 30 N. R. 8 W.
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DIRECTOR

JOE D. RAMEY

## OIL CONSERVATION COMMISSION

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

LAND COMMISSIONER PHIL R. LUCERO June 15, 1977



STATE GEOLOGIST EMERY C. ARNOLD

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

R-5339-B ORDER NO.

Applicant:

CASE NO.

Blackwood & Nichols Co., Ltd.

5821

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 Artesia OCC X Aztec OCC

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

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 herein-above designated.

STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

PHIL R. LUCERO. Chairman

EMERY C. ARNOLD, Member

DOE D. RAMEY, Member & Secretary

SEAL

## 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 Chastline 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, Town-ship 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.

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- (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. 17, 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 Fransciscan Lake-Mesaverde Oil Pool. Said FransciscanLake-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 Auttes-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.

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- (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 of 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, 1972. 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 Uni's 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 Λ 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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- 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:

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:

N/2

TOWNSHIP 30 NORTH, RANGE 8 WEST, NMPM Section 24: Section 25: All Section 35: N/2 Section 36: N/2

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, RUNGE 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

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: S/2

That a new pool in McKinley County, New Mexico, classified as an oil pool for Mesaverde production, is hereby created and designated as the Fransciscan Lake-Mesaverde Oil Pool, Case No. 5821 Order No. R-5339

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, NDPM 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: \$/2 Section 7: N/2 Section 8: \$E/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: A11 Section 211 W/2 Section 27: W/2 and SE/4Section 28: All Section 29: All Section 30: **A11** Section 31: Section 32: N/2 N/2Section 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

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

> TOWNSHIP 50 NORTH, RANGE 5 WEST, NMPM Section 4: All Section 5: All

> TOWNSHIP 32 NORTH, RANGE 5 WEST, NMPM Section 33: AII

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·CELITEEPER

(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 3: \$/2 Section 10: \$/2 Section 11: \$/2 Section 12: \$/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, a 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: 5/2 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 Governador-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

(11) 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: 8/2 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: 5E/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: 5/2

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM Section 26: \$/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 Pînon-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:

NW/4

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

(ww) That the Uto 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, SMPM 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:

Section 20:

(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

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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 herein-above designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

PHIL R. LUCERO, Chairman,

EMERY C. ARNOLD. Member

DOE D. RAMEY, Momber & Secretary

SEAL

dr/

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

February 16, 1977

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

 $G_{\mathbb{R}}$ 

# LAW OFFICES MCAFEE, TAFT, MARK, BOND, RUCKS & WOODRUFF A PROPESSIONAL CORPORATION

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GARY F. FULLER
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February 10, 1977

DEWEY D. DOBSON
TERRY R. HARRETT
ROBERT H. GILLIAND, JR.
JAMES DUDLEY HYDE
RICHARD A. RIGOS
JOHN N. HERMES
CONNIE!W. GORE
REBECCA O. MARSHALL
CHARLES DAVID STINSON
JAMES F. MADDOX

OHN B. DUDLEY (1911-1971)

OF COUNSEL EUGENE KUNTZ RICHARD W. FOWLER

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. Cuf

SLC:j1 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

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, Twonship 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:

3.1

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

# TOWNSRIP 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

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

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 OWN MOTION FOR AN ORDER CREAT-ING AND EXTENDING CERTAIN POOLS IN SAN JUAN, McKINLEY, SANDOVAL AND RIO ARRIBA COUNTIES, NEW MEXICO.

APPLICATION
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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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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

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 OWN MOTION FOR AN ORDER CREAT-ING AND EXTENDING CERTAIN POOLS IN SAN JUAN, MCKINLEY, SANDOVAL AND RIO ARRIBA COUNTIES, NEW MEXICO.

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Section 24: S/2 Section 25: A11 Section 35: N/2 Section 36: N/2

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### TOWNSHIP 31 NORTH, RANGE 10 WEST, NMPM Section 6: NW/4"

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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,

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Stanley L. Cunningham Terry R. Barrett

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 OWN MOTION FOR AN ORDER CREAT-ING AND EXTENDING CERTAIN POOLS IN SAN JUAN, MCKINLEY, SANDOVAL AND RIO ARRIBA COUNTIES, NEW MEXICO.

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

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### 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

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,

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Stanley L. Cunningham Terry R. Barrett

y 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 Fool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 24 FAST, NAPM 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, NAPM Scotlon 5: S/2

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

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

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

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NAPM 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, NAPM Section 22: S/2 NE/4 Section 23: S/2 SE/4 and S#/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, NAPM 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, NAPM 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, NAPM Section 15: All Section 28: All

TOWNSHIP 25 SOUTH, RANGE 26 EAST, NAPM 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

ASE 5893: Application of the Oil Conservation Coemission 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 intervel 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 & Michols Co., Ltd., for a hearing de novo, Can Juan County, New Mexico. Upon petition of applicant in the above-styled cause and pursuant to the provisions of Rule 1220, Paragraphs (1) and (j) of Case No. 5221 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.

dr/

(B)

### 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 (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

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\_\_\_\_ 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.

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### TOWNSHIP 22 NORTH, RANGE 7 WEST, NAPM 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: A11
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.

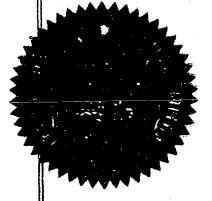
DONE at Santa Fe, New Mexico, on this 8th day of February, 1977.

STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

PHIL R. LUCERO, Chairman

THE ATTIMENT

JOE S. WAMEY, 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 kichard L. Stamets, Examiner, or Laniel S. Nutter, 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.

> 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.

CASE 5815:

Application of Eark 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 formain 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 Fast, 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.

CASE 5816:

Need

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 rederal Well No. 1 to be drilled 1,027 feet from the North line and 2230 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.

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

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 sllowable for its Tracy Well No. 1 located in Unit C of Section 10, Township 22 South, Range 27 East, Esperanza-Delaware Pool, Eddy County, Hew l'exico.

CASE 5819:

In the matter of the hearing called by the Oil Conservation Cossission on its own motion to permit Scurlock 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-Relaware Pool, Eddy County, New Mexico.

Application of Thornton Hopper for salt water disposal, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced suft water into the Relaware formation through the open-hole interval from 1987 feet to 2000 feet of his Bradley Federal Well No. 6, located in Unit D of Section 11, Township 24 South, Hange 26 Fast, Black River-Delaware Pool, Eddy County, Hew Mexico.

- CASE 58/2: Southenstern New Mexico nomenclature case calling for the creation, extension, and contraction of certain pools in Lea and Chaves Counties, New Mexico.
  - a) CHEATE a new pool in Lea County, New Mexico, classified as an oil pool for Bone Springs production and designated as the Antelope Ridge-Rone Springs Pool. The discovery well is the Superior Oil Company State "R" Well No. 1 located in Unit N of Section 25, Township 23 South, Range 34 East, NAMA. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 34 FAST, MAPM 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, MAFM Section 22: SW/A 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, PANGE 37 EAST, REPM 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, NEUPM Section 18: NE/4

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

TOWNSHIP 8 SOUTH, RANGE 33 FAST, MAPM 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 FAST, NEPPM Section 20: SW/4

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

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

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

TOWNSHIP 19 SOUTH, RANGE 32 FAST, NAPPH Section 15: 53/4

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

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

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

TOWNSHIP 10 SOUTH, RANGE 38 FAST, HEAPM 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, ISHMA Section 2: NE/4

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

TOWNSHIP 17 COURTH, RANGE 35 EAST, REMAN Section 7: NE/4

CASE 2632:

Morthweatern New Mexico nomenclature case calling for the creation and extension of certain pools in Can Juan, Rio Arriba, Eckinley 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 Countain Well No. 1 located in Unit J of Section 15, Township 24 North, Range 8 West, ESPM. Said pool would comprise:

TOWNSHIP 24 NORTH, RANGE 8 WEST, MANA Section 14: SW/4
Section 15: All

Section 15: All Section 16: E/2

7 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 Coestline Petroleum Company, Inc. #3 Schalk Well No. 94 located in Unit M of Section 26, Township 32 North, Range 8 West, ESPM. Said pool would comprise:

TOWNSHIP 32 NORTH, RANCE 8 WEST, REPM Section 26: SN/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, NAPM. Said pool would comprise:

TOWNSHIP 31 HORTH, RANGE 16 WEST, MAPH VR.

d) CREATE a new pool in McKinley County, New Mexico, classified as an oil pool for Dekota 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, PANGE 9 WEST, NEPM V. Section 16: S/2 SW/4
Section 19: N/2 NW/4

TOWNSHIP 16 NORTH, RANGE 10 WEST, MEMM V & 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 Cas 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, NVFM. Said pool would comprise:

TOWNSHIP 29 NORTH, RANGE 8 WEST, 18.09M y &

1 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 & Cas Corporation Federal Well No. 1 located in Unit F of Section 4, Township 29 North, Range 12 West, MATM. Said pool would comprise:

TOWNSHIP 29 NORTH, RANGE 12 WEST, CEPM VR

8 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 Cas 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, MAPM. Said pool would comprise:

TOWNSHIP 31 KORTH, FARGE 9 WEST, RURH UR Section 23: No/4

9 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. 17 located in Unit A of Section 23, Township 22 North, Range 7 West, M.M. Said pool would comprise:

TOWNSHIP 22 HOMH, MANGE 7 WHOT, MAN Section 13: E/2
Section 23: All
Section 24: N/2
Section 26: N/2

1) 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. 77 located in Unit E of Section 35, Township 30 North, Range 8 West, MAPM. Said pool would comprise:

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 HORTH, PANGE 10 WEST, 18/PM V R Section 6: NW/4.

Wk) 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 Navejo Well No. 1-5 located in Unit F of Section 5, Township 26 North, Range 19 West, NAPM. The top of the perforations is at 5960 feet. Said pool would comprise:

TOWNSHIP 26 NORTH, RANGE 19 WEST, NAPA VR Section 9: NW/4

1) CREATE a new pool in San Juan County, New Mexico, classified as a gas pool for Mississippian production and designated as the North Tocito 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, MEPM. Said pool would comprise:

TOWNSHIP 27 NORTH, PANCE 18 WEST, NAPM V & 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 Fransciscan 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, NEPM. The top of the perforations is at 1980 feet. Said pool would comprise:

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

TOWNSHIP 20 HORTH, RANGE 6 WEST, MAPA 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 Constline Petroleum Co., Inc. Schalk 94 Well No. 1 located in Unit A of Section 26, Township 32 North, Range 8 West, NAPM. Said pool would comprise:

TOWNSHIP 32 MORTH, RANGE 8 WEST, MAPAN Section 26: 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 Knickerbecker Buttes-Gallup Oil Pool. The discovery well is the El Paro Katural Gas Company Schuracher Well Ko. 13 located in Unit H of Section 17, Township 30 North, Range 10 West, NEWM. The top of the perforations is at 6440 feet. Said pool would comprise:

TOWNSHIP 30 MORTH, RANGE 10 WEST, 120PM Section 17: 58/4

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

TOWNSHIP 22 NORTH, PAROE 7 WEST, 13994 Section 16: NW/4

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

TOWNSHIP 23 NORTH, RANGE 7 WEST, REPH. Section 31: 54/4 Section

Tr) 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 BCO, Inc. Federal D Well No. 1 located in Unit G of Section 1, Township 23 North, Hange 9 West, NEPM. The top of the perforations is at 5079 feet. Said pool would comprise:

TOWNSHIP 23 NORTH, RANGE 8 WEST, MAPIA

Section 6: S/2 Section 7: N/2

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

TOWNSHIP 23 NORTH, RANGE 9 WEST, MAPM Section 1: WHE 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 M of Section 17, Township 25 North, Range 3 West, NAPM. The top of the perforations is at 6960 feet. Said pool would comprise:

TOWNSHIP 25 NORTH, PANGE 3 WEST, MAPH / 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 Levis Corporation Federal Media Well No. 7 located in Unit G of Section 22, Township 19 North, Range 3 West, N.PM. The top of the perforations is at 2793 feet. Said pool would comprise:

TOWNSHIP 19 HORTH, FANGE 3 WEST, NAMPA 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 Dugen Production Corporation Benjamin Franklin Well No. 1 located in Unit O of Geotion 2, Township 20 North, Range 12 West, MATM. Said pool would comprise:

> TOWNSHIP 26 NORTH, RANGE 12 WEST, M.P.M. Section 2: S/2 Section:10: NE/4

Section 11: NW/4

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

TOWNSHIP 27 NORTH, PANGE 10 WEST, ISSEM Section 36: All

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

TOWNSHIP 29 NORTH, PANCE 10 WEST, HEAM Section 4: W/2

TOWNSHIP 30 NORTH, RANGE 16 WEST, 1994. Section 33: SW/4

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

TOWNSHIP 20 HORTH, BANGE 10 WEST, MARM Section 19: W/2

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

TOWNSHIP 23 NORTH, RANGE & WEST, HASM Section 19: 5/2 Section 20: All Section 21: W/2 Section 27: W/2 & SE/4 Section 28: All Section 28: All Section 29: All Section 30: All Section 31: N/2 Section 32: N/2 Section 33: NW/4 TOWNSHIP 24 MORTH, MANGE 4 WEST, NEATH Section 33: N/2

TOWNSHIP 24 MORTH, PANGE 6 WEST, MAPM Section 35: SW/4

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

TOWNSHIP 25 NORTH, RANGE 4 WEST, MAPM Section 2: W/2 Section 3: E/2 Section 4: All Section 9: All Section 16: N/2 TOWNSHIP 30 NORTH, RANGE 5 WEST, MAPM Section 4: All Section 5: All

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

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

TOWNSHIP 26 NORTH, RANGE 7 WEST, NAPM Section 18: N/2 TOWNSHIP 31 MORTH, RANGE 10 WEST, Section 3: All Section 4: All

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

TOWNSHIP 32 HORTH, BANGE 10 WEST, 19/PM Section 30: W/2 Section 31: NW/4

DOWNSHIP 32 NORTH, RANGE 11 WEST, NAPM

Section 15: W/2 Section 16: S/2

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

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

YOW THE 24 NORTH, RANGE 4 WEST, EXPM Section 9: S/2 Section 13: S/2 Section 16: All Section 21: 11/2



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

10WHSHIP 29 BORTH, BANGE 10 WEST, 17944
Section 9: 5/2
Section 10: 5/2
Section 11: 5/2
Section 12: 5/2

TOWNSHIP 29 HORTH, PANCE 11 WEST, 15974 Section 39: HE/4

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

TOWNSHIP 29 NORTH, PANGE 4 WEST, MITM. Section 12: 18:/4

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

TOWNSHIP 24 NORTH, RANGE 6 WEST, NEPH 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, NAMES 6 WEST, MAPM 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 MORTH, PANGE 7 WEST, MEMI
Section 7: \$72

TOWNSHIP 24 NORTH, PANGE 8 WEST, MEMI
Section 12: \$874

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

Dismis s

TOWNSHIP 24 NORTH, HANGE 7 WEST, 12:FH
Section 18: SW/4

TOWNSHIP 24 NORTH, PANGE 8 WEST, NORM
Section 2: SW/4
Section 11: NW/4
Section 10: N/2

Section 11: MV/4
Section 10: M/2

TOWNSHIP 25 NORTH, RANCE 9 WEST, MMPM
Section 12: L/2
Section 13: E/2
Section 24: E/2

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

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

TOWNSHIP 26 NORTH, PANCE 11 WEST, 191PM Section 13: 5/2
Section 24: 11/2

TOWNSHIP 27 NORTH, RANGE 13 WEST, ISBM 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 HORTH, RANGE 11 WEST, HMEM Section 7: All

TOWNSHIP 26 POINTH, PAINGE 12 WEST, FREM Section 8: 11/2
Section 9: 11/2

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Docket 16. 34-76
Examiner Hearing - Wednesday - December 15, 1976
                          TOWNSHIP 26 HORTH, PARGE 12 WEST, BAM con'd
                         Section 10: N/2
Section 13: E/2
                          Section 24: E/2
Section 25: E/2
             kk) EXTERD the Cobernador Pictured Cliffs Pool in Rio Arriba County, New Mexico, to include therein:
                          TOWNSHIP 29 NORTH, MANGE A WEST, HOPM
                          Section 19: S/2
                          Section 30: All
Section 31: NE/4
                          Section 32: 11/2 & SE/4
                          TOWNSHIP 29 HORTH, BANGE 5 WEST, MEPM
                         Section 3: W/2
Section 10: N/2
Section 11: W/2
Section 13: W/2
                          Section 14: All
             11) EXTEND the Kutz Fruitland Pool in San Juan County, New Mexico, to include therein:
                          TOWNSHIP 28 NORTH, RANGE 10 WEST, NAPM
                         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, MAPM
                         Section 5: 187/4
Section 6: 11/2
                         TOWNSHIP 27 NORTH, RANGE 11 WEST, NAPM Section 1: N/2
            nn) EXTEND the Largo Chacra Pool in San Juan County, New Mexico, to include therein:
                         TOWNSHIP 27 MORTH, RANGE 8 WEST, 18754
Section 3: S/2
Section 4: SE/4
                          Section 22: N/2
            oo) EXTEND the West Lindrith Gailup Pool in Rio Arriba County, New Mexico, to include therein:
                          TOWNSHIP 25 NORTH, RANGE 4 WEST, MAPM
                         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, MAPM
                          Section 3: All
                          Ocytion 11:
                         TOWNSHIP 26 NORTH, PANGE 12 WEST, NMPM
Section 20: 153/4
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, NIAM Section 4: W/2
                          Section 5: S/2
                         Section 7: All
Section 8: NW/4
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Section 25: SW/4

Section 12: E/2

TOWNSHIP 26 HORTH, RANGE 7 WEST, MAIN

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

TOWNSHIP 24 HORIN, NAMES 5 WEST, HAPRE Section 15: S/2

TOWNSHIP 25 NORTH, NAMESE 5 WEST, MAPEN Section 26: S/2

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

TOWNSHIP 24 HORTH, RANGE 1 EAST, NUMM Section 5: All

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

TOWNSHIP 28 HORTH, RANGE 12 WEST, RESPM Section 22: 11/2 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, MAPM

Section 13: S#/4 Section 14: SE/4

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

TOWNSHIP 26 HORTH, RANGE 4 WEST, MARK Section 22: W/2

TOWNSHIP 27 NORTH, FANGE 4 WEST, NATM 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, MATH Section 30: SW/4

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

TOWNSHIP 26 HORTH, RANGE 13 WEST, HAPM Section 4: NW/4

TOWNSHIP 27 HORTH, RANGE 13 WEST, 19 PM Section 29: NW/4

Section 30: NE/4 Section 31: NN/4 Section 33: All

Section 34: SW/4 & N/2

BEFORE EXAMINER STAMETS OIL CONSERVATION COMMISSION	
EXHBIT NO.	
CASE NO. 5821	
Submitted by	
Hearing Date 12 - 15 - 76	NMOCC Exhibit No. 1 Case No.
	tase 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 Swith 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

Ougan 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 0-16-24N-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 #

-2-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 1P 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
AOF 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
AOF 1500 MCFPD, SICP 410 #/7 days

(g) Create a new gas pool in San Juan County for the Fruit and 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 AOF 708 MCFPD, SICP 1361 #/7 days (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 3: E/2

Section 23: 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 Navnjo 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: \$/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 #

-4-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

(1) 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 0-34-27N-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 Fransciscan 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 0-7-201-5W IP 25 80PD

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

Basin Fuels, Inc., #1 Easter Flats H-12-20N-**6**W 1P-32-BOPD -5-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: 8CO, Inc., #1 Federal C P-31-23N-7W IP 50 BOPD

8CO, Inc., #2 Federal C 1-31-23N-7W IP 15 8OPD (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: \$/2
Section 7: N/2
Section 8: \frac{442}{42} \& \text{SE}/4

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

8CO, Inc., #1 Federal F J-8-23N-8W IP 27 BOPD

8CO, 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 #

-7-Case No.

> Jerome P. McHugh, #2 Bengal B 0-2-26N-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 Natual 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 011 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 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

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-47/ AOF 739 MCFPD, SICP 690 #

Jack A. Cole, #13 Apache Flats 0-27-23N-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-LW 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 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:

100

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 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 #77 days

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

Koch industries, Inc., #3 Walker P-10-31N-100/ AOF 1576 MCFPD, SICP 887 #/9 days

Kogh industries, Inc., #5 Walker A-13-31N-10W AOF 1291 MCFPD, SICP 843 #/7 days 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: 5/2 Section 13: 5/2 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 0-16-24N-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: \$/2 Section 10: \$/2 Section 11: \$/2 Section 12: \$/2

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

#### Based on:

El Paso Natural Gas Company, #7 Lackey 0-12-29N-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

-11-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 N'E/4 Section 10: NW/4

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 VEST, NMPM

Section 7: E/2

Section 8: \$/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 0-8-24N-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

(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 NOPTH, RANGE 11 WEST, NMPM

Section 13: \$/2 Section 24: N/2

TOWNSHIP 27 NORTH, RANGE 13 WEST, NMPM

Section 26: S/2 Section 27: E/2

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-1 IV AOF 229 MCFPD, SICP 395 #/7 days

13

Bedford, Inc., #1 Ram A-8-26N-12W AOF 650 MCFPD, SICP 320 #

Jerome P. McHugh, #8 Chaco Plant 0-25-2611-124

(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: \$/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

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

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM Section 30: \$/2

Section 31: N/2

Section 32: SW/4

#### Based on:

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

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, NAPH

Section 1: N/2 TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM

Crown Central Petroleum Corporation, #1 Kutz "A" Federal K-32-28N-10W IP 15.80PD

-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 80PD

(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 -15-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 1-22-26N-12W AOF 240 MCFPD, SICP 242 #/7 days (Commingled with Fruitland)

Dugan Production Corporation, #1 George Washington N-35-26N-12W ANF 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

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

Section 25: SW/4

#### Based on:

Caulkins Oil Company, #51 Breech "E" D-4-26N-6W ANF 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-Kontin-Greer Drilling Corporation, #1 Renco N-5-24N-1E IP 55 BOPD -16-Case No.

(tt) Extend the Pinon Fruitland Poel 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 8: W/Z Section 17: W/Z 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:

(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 0jo=Hc=Hc 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-\$3W AOF 18 MCFPD, SICP \$47 days

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

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BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSIO Santa Fe, New Mexico December 15, 1976	OIL CONSERVATION COMMISSION anta Fe, New Mexico		
EXAMINER HEARING			
PER OF:			
vestern New Mexico nomenclature )	CASE		

IN THE MATTER OF:

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.

BEFORE: Richard L. Stamets, Examiner

#### TRANSCRIPT OF HEARING

#### APPEARANCES

For the New Mexico Oil
Conservation Commission:

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

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General Court Reporting Service
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Calle Mejia, No. 122, Santa Fe, New Mexico 8750
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MR. STAMETS: At this time we will call Case 5821.

MS. TESCHENDORF: 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.

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

(THEREUPON, the witness was duly sworn.)

#### NORMAN E. MAXWELL, JR.

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

#### DIRECT EXAMINATION

BY MS. TESCHENDORF:

- Q Please state your name and position?
- A. Norman E. Maxwell, Junior. I work for the New Mexico
  Oil Conservation Commission in Aztec, New Mexico, District
  Three, and I'm the engineer for the district.
- Q. Are you prepared to make recommendations to the Commission concerning the nomenclature of certain pools in San Juan, Rio Arriba, McKinley and Sandoval Counties, New Mexico?
  - A. Yes.
  - Q Are your recommendations prepared in the form of an

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exhibit?

A. Yes.

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

- A. All right, we are all right down to paragraph (h).
- Q. Are you speaking of the docket or the exhibit?
- A. Well, it should be both, shouldn't it?
- Q. Okay.

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

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

A. No.

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

A. Right.

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

A. In acreage?

MR. STAMETS: In acreage, yes.

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

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6 West. That again does not change the acreage.

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

A. Paragraph (m).

MR. STAMETS: (n) as in Nancy?

A. (m) as in Maxwell.

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

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

MR. STAMETS: Okay.

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

MR. STAMETS: Okay.

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

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

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

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MR. STAMETS: What was that again, please?

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

MR. STAMETS: Okay.

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

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

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

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

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

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

That should be deleted.

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

Right, southwest quarter.

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

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

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

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

It's on a well.

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

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

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

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

He may be excused.

(THEREUPON, the witness was excused.)

MR. STAMETS: Is there anything further in this

case?

Would you like to submit your exhibit?

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

> MR. STAMETS: Exhibit Number One will be admitted. (THEREUPON, OCC Exhibit One was admitted into evidence.)

> MR. STAMETS: The case will be taken under advise-

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.

sid morrish reporting service

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

t do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 582/

New Mexico Gil Conservation Commission



DIRECTOR

JOE D. RAMEY

#### **OIL CONSERVATION COMMISSION**

STATE OF NEW MEXICO 1000 RIO BRAZOS RD. - AZTEC

> 87410 LAND COMMISSIONER

PHIL R. LUCERO



STATE GEOLOGIST EMERY C. ARNOLD

November 19, 1976

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

Re: Northwest Nomenclature for December, 1976

Dear Lynn:

Pictured Cliffs production to be kindle as Potwin-Rictured Cliffs Pool. It pool and described as follows:

Township 24 North, Range 8 West

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

Create a new was 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

Section 26: SW/4

The discovery well is the Coastline Petrojeum Company, Inc.
#3 Schalk 94 well, located M-26-32N-8V, perforated 3815-3880
with an AOF 556 MCF/D. Said posses was less constitution of the believe as pool in San Juan County, for Dakota production
to be known as the Straight Canyon-Dakota 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, perforated 2262-2279 with an AOF 303 M6F/D; \$1CP 760#.

d. Create a new off pool in McKinley County, for Dakota production and designated to-be-known as the Marcelina-Dakota All Dool and described follows:

#### Township 16 North, Range 9 West

Section 18: \$/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 top of the perforations is at 1797 feet Said seed would

The discovery well is the Fairfax Exploration Corporation #3
Bullseye located in N-18-16N-9W, perforated 1797-1817 and 1822-

e. Create a new gas pool in San Juan County, 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, perforated 2594-2618 with an AOF 3414 MCF/D, SICP 1063#. Said pose were comprise &

f. Create a new gets 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

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#. Dais good would compaine.

Create a new gas pool for the Fruitland production to be known and lead as the Sedro Canyon-Fruitland Gas Pool, and described as

#### 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, perforated 2640-2962 with an AOF of 708, SICP 1361#. Said production Company #9 pur necius, cla

known as the Rusty-Chacra Gas Pool, and described as follows: Create a new ges pool in Sandoval County for Chacra production to be

#### 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#. Did good world comprise:

Create a new as pool in San Juan County, for Chacra production

#### 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#. Dail good would conquire. Quising

Create a new pool in San Juan County for Chacra production to be known as the Animas-Chacra for Day 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 #IA Primo located in D-6-31N-10W, perforated 2711-2723, with an AOF of 7264 MCF/D, SICP 758#. paid good would compare:

Mexico, classified as an

k. Create a new 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 BOPO. paid pool would compare the contract of the contra her Mexico, dass

Create a new composition of 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#.

1. Create a new of pool in McKinley County, for Mesaverde production to be known as the Fransciscan 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

M-7-20N-5W, perforated 1980-2706 with an IP of 15 BORD. Other Companies Create a new pool in San Juan County for Gallup production to be known as the Albino-Gallup Gas Pool and described as the Albino-Gas Pool and described as the Albin

be known as the Albino-Gallup Gas Pool and described as follows:

#### 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.

and desirated

Create a new and 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

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. And good world congress:

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

#### 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. Dail pool would conguse.

q. Create a new pool in Sandoval County, for Gallup production to he known as the Alamito-Gallup Oil Pool and described as follows:

#### Township 23 North, Range 7 West

Section 31: SW/4

The discovery well is the BCO, Inc., #I Federal C located in P-31-23N-7W, perforated 4706-4958 with an IP of 50 BOPD. Paris Computer

r. Create a new 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

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. Reid pool wanted

s. Create a new 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 Vest

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.

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.

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.

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located in M-17-25N-3W, perforated 6960-7250 with an IP of 9 BOPD.

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located in M-17-25N-3W, perforated 6960-7250 with an IP of 9 BOPD.

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.

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located in M-17-25N-3W, perforated 6960-7250 with an IP of 9 BOPD.

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located in M-17-25N-3W, perforated 6960-7250 with an IP of 9 BOPD.

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located in M-17-25N-3W, perforated 6960-7250 with an IP of 9 BOPD.

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located in M-17-25N-3W, perforated 6960-7250 with an IP of 9 BOPD.

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located in M-17-25N-3W, perforated 6960-7250 with an IP of 9 BOPD.

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located in M-17-25N-3W, perforated 6960-7250 with an IP of 9 BOPD.

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.

The discovery well is the Skelly Oil Company #4 C. W. Roberts

The discovery well is the Skelly Oil Company #4 C. W. Roberts

The discovery well is the Skelly Oil Company #4 C. W. Roberts

The discovery well is the Skelly Oil Company #4 C. W. Roberts

The discovery well is the Skelly Well is the Skelly Well is the Skelly Well is the Skelly Well is the Sk

#### Township 19 North, Range 3 West

Section 22: SW/4 of NE/4

located in G-22-19N-3W, perforated 279303262 with an IP of 50 BOPD.

And good ware complise:

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:

The discovery well is the Petro Lewis Corporation #7 Federal Media

and being atel

#### 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 0-2-26N-12W, perforated 509-519 with an AOF of 122 MCF/D, SICP 272#. Acres Quel Company:

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 Cas 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, NPM. Said pool would comprise:

TOWNSHIP 24 NORTH, RANGE 8 WEST, NMPH

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, N.P.M. Said pool would comprise:

TOWNSHIP 32 NORTH, RANGE 8 WEST, NAPM 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, MPM. The top of the perforations is at 1797 feet. Said pool would comprise:

TOWNSHIP 16 NORTH, PANGE 9 WEST, NAPM Section 18: S/2 SW/4.
Section 19: N/2 NW/4

TOWNSHIP 16 NORTH, RANGE 10 WEST, MAPAN 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, HMPM 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 & Cas Corporaticn Federal Well No. 1 located in Unit F of Section 4, Township 29 North, Range 12 West, NAPM. Said pool would comprise:

TOWNSHIP 29 NORTH, RANGE 12 WEST, NORTH 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 Cas 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, NAPM. Said pool would comprise:

TOWNSHIP 31 NORTH, BANGE 9 WEST, BEPM 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 Cas Pool. The discovery well is the Chace Oil Company Rusty Navajo Well No. 17 located in Unit A of Section 23, Township 22 North, Range 7 West, NAPM. Said pool would TOWNSHIP 22 HORTH, RANGE 7 WEST, NAPM

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 Mayajo 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, NAPM. Said pool would comprise:

#### TOWNSHIP 30 NORTH, RANGE 8 WEST, NMPM

Section 24:

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

### 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, NAPM. The top of the perforations is at 5960 feet. Said pool would comprise:

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

1) CREATE a new pool in San Juan County, New Mexico, classified as a gas pool for Mississippian production and designated as the North Tocito 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, NAPM. Said pool would comprise:

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

m) CRFATE a new pool in McKinley County, New Mexico, classified as an oil pool for Mesaverde production and designated as the Fransciscan 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, NAPM. 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, RAPM 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 MORTH, 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, NAPM. The top of the perforations is at 6440 feet. Said pool would comprise:

### TOWNSHIP 30 NORTH, RANGE 10 WEST, NAPM 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 N of Section 16, Township 22 North, Range 7 West, MMPM. Said pool would comprise:

TOWNSHIP 22 MORTH, RANGE 7 WEST, MAPA Section 16: NW/4

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

TOWNSHIP 23 NORTH, RANGE 7 WEST, MAPPM Section 31: SW/4

r) CHEATE 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 BCO, Inc. Federal D Well No. 1 located in Unit G of Section 1, Township 23 North, Range 9 West, NAPM. The top of the perforations is at 5079 feet. Said pool would comprise:

TOWNSHIP 23 NORTH, RANGE 8 WEST, NAPM

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, NAPM. The top of the perforations is at 6960 feet. Said pool would comprise:

TOWNSHIP 25 NORTH, RANGE 3 WEST, NAPM 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, NAPM. The top of the perforations is at 2793 feet. Said pool would comprise:

TOWNSHIP 19 NORTH, RANGE 3 WEST, NAPM 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, MAM. Said pool would comprise:

TURNSHIP 26 NORTH, RANGE 12 WEST, MAPM

Section 2: \$/2

Section 10: NE/4

Section 11: NW/4

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

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

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

TOWNSHIP 29 NORTH, PANGE 10 WEST, NMFM 172

TOWNSHIP 30 NORTH, RANGE 10 WEST, NAPM

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

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

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

TOWNSHIP 23 NORTH, RANGE WEST, NORTH
Section 19: S/2
Section 20: All
Section 27: W/2 & SF/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, NAPM
Section 33: N/2

TOWNSHIP 24 NORTH, RANGE 6 WEST, NAPM
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, NAPM
Section 2: W/2
Section 3: E/2
Section 4: All
Section 9: All
Section 16: N/2

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

TOWNSHIP 32 NORTH, RANGE 5 WEST, NAPM
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 HORTH, RANGE 10 WEST, NMPM
Section 3: All
Section 4: All
Section 9: All
Section 10: All
Section 13: All
Section 13: All

TOWNSHIP 32 NORTH, RANGE 10 WEST, NAPM Section 30: W/2
Section 31: NW/4
TOWNSHIP 32 NORTH, RANGE 11 WEST, MAPM

TOWNSHIP 32 HORTH, RANGE 11 WEST, NAPM Section 15: W/2 Section 18: S/2

TOWNSHIP 32 NORTH, RANGE 12 WEST, NAPM 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, MEM Section 9: S/2
Section 13: S/2
Section 16: All
Section 21: N/2

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

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

Section 12: S/2

TOWNSHIP 29 HORTH, FANGE 11 WEST, MAPM Section 35: HF/4

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

TOWNSHIP 29 NORTH, PANGE 4 WFST, MAPM Section 12: NE/4

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

TOWNSHIP 24 NORTH, RANGE 6 WEST, NO.PM

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, MAPM 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, MEAPM Section 7: S/2

TOWNSHIP 24 NORTH, RANGE 8 WEST, NMPM Section 12: SE/4

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

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

TOWNSHIP 24 NORTH, RANGE 8 WEST, NAPM Section 2: SW/4
Section 11: NW/4

Section 10: N/2

TOWNSHIP 25 NORTH, PANGE 9 WEST, NAPM

Section 12: E/2 Section 13: E/2 Section 24: E/2

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

TOWNSHIP 26 NORTH, RANGE 10 WEST, NAPA

Section 17: W/2 & SE/4 Section 18: S/2

TOWNSHIP 26 NORTH, RANGE 11 WEST, NAPM

Section 13: S/2 Section 24: N/2

TOWNSHIP 27 NORTH, RANGE 13 WEST, NOPM

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, NAMPM

Section 7: All

TOWNSHIP 26 NORTH, RANGE 12 WEST, NAPM Section 8: 11/2

Section 9: N/2

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TOWNSHIP 26 NORTH, RANGE 12 WEST, 1849M con'd Section 10: N/2
Section 13: E/2
Section 24: E/2
Section 25: E/2
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kk) EXTEND the Gobernador Pictured Cliffs Pool in Rio Arriba County, New Mexico, to include therein:

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

TOWNSHIP 29 NORTH, RANGE 5 WEST, NAPM Section 3: W/2
Section 10: N/2
Section 10: N/2
Section 11: W/2
Section 13: W/2
Section 14: All
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11) EXTEND the Kutz Fruitland Pool in San Juan County, New Mexico, to include therein:

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TOWNSHIP 28 NORTH, RANGE 10 WEST, MAPM Section 30: S/2 Section 31: N/2
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mm) EXTEND the Kutz Gallup Pool in San Juan County, New Mexico, to include therein:

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

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TOWNSHIP 27 NORTH, RANGE 8 WEST, NAPM Section 3: S/2
Section 4: SE/4
Section 22: N/2
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oo) EXTEND the West Lindrith Gallup Pool in Rio Arriba County, New Mexico, to include therein:

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TOWNSHIP 25 NORTH, RANGE 4 WEST, NAPM Section 17: S/2
Section 18: S/2
Section 20: W/2 & NE/4
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pp) EXTEND the NIPP Pictured Cliffs Pool in San Juan County, New Mexico, to include therein:

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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
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Section 22: S/2

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

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TOWNSHIP 26 NORTH, RANGE 6 WEST, NAPM
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, NAPM
Section 12: E/2
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rr) EXTEND the Otero Gallup Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 5 WEST, 19.PM Section 15: S/2

TOWNSHIP 25 MORTH, RANGE 5 WEST, MAPPA 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, NAPM Section 5: All

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

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

Section 24: N/2

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

TOWNSHIP 22 NORTH, RANGE 7 WEST, NAPM Section 13: SN/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, NJPM Section 22: W/2

TOWNSHIP 27 NORTH, RANGE 4 WEST, NAPM 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, NAPM Section 30: SW/4

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

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

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

### 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:

THE PURPOSE OF CONSIDERING:	• • • • • • • • • • • • • • • • • • •
	CASE NO. 5821
(Cgu (occ u 1 =	Order No. R- 5339
(Cg U (OCC V / c -y). / name / x/. Sandaval and Rio arribo	(lo = -e)
ORDER OF THE COMMI	SSION
BY THE COMMISSION:	
This cause came on for hearing	at 9 a.m. on Dec 15
19 <u>76</u> , at Santa Fe, New Mexico, be	
NOW, on this day of Ja a quorum being present, having cons and the recommendations of the Examin the premises,	idered the testimony, the recordiner, and being fully advised
FINDS:	
(1) That due public notice has law, the Commission has jurisdiction matter thereof.	ving been given as required by n of this cause and the subject
(2) That there is need for	the creation of a new gas
pool in San Juan County, M. of per from the Pictured cliffs	ew Mexico, for the production
of gas from the Victured life.	follow, said foot to wan
the designation of Potwin-Piete Post was	ud Cliffe fool. Said
Poterin- Pictured Cliffe Pool was	e descovered by the Wilgan
Preduction Corporation mounta	in wind the 1, to the h
Unit I of Section 15, Township &	y how, Range Dweet MI
It was completed in the Pictured	eliffe formation on may, 1116.
The top of the perforated interval	e at 2030 fut.

That there is need for the creation of a new gas pool in San from County, New Mexico, for the production of gas from the Dakota formation, I said pool to bear the designation of straight Conyon-Dokota Pool. Said straight Cangon-Dakota Pool was discoursed by the Robert C. Anderson Ute Mountain Well no. | located in Unit L of Section 14, Township 31 north, Range 16 West, NMPM. It was completed in The Dakota formation on Detaker 3, 1975. The top of the perforated interval is at 1262 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 Maruslina - Dakota Oil Pool. Said Maruslina Wall no. 3, located in theit N of Section of School on Corporation Bulleys
Well no. 3, located in their N of Section of School on January 16 north, Ronge 9 west,
NMPM. It was completed in the Dakota formation on January 6, 1975. The top of
the perforated interval in at 1797 feet.

- (6) That there is need for the creation of a new pre pool in Sone furan County, New Mexico, for the production of pre from the Fruitland formation, said pool to bear the designation of Jacie Carryon Fruitland Pool Said Jasie Conyon Fruitland Food Well no. 39, localed in Unit C of Saidion 36, Township 29 north, Range & West, NMPM. It was completed in the fruitland formation on fune 7,1976. The top of the perforated interval is at 2594 feet.
- (7) That there is need for the creation of a new fac pool in San furn 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 Rigge Oil & Kas 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 fat.
- (8) That there is need for the creation of a new gas pool in San fusu County, New Mexico, for the production of gas from the Inuitland formation, said pool to bear the designation of Sedro Canyon-Firstland Pool Said Sedro Canyon-Firstland Pool was discovered by the Southern Union Production Company Seymour Well no.9, located in Unit Fof Section 23, Township 31 north, Range 9 West NMPM. It was completed in the Firstland formation on July 26, 1973. The top of the perforated winterval is at 2640 feel.
- (9) That there is need for the creation of a new parpool in Sandoval County, New Mexico, for the production of gas from the Chara formation, I said pool to bear the designation of Ruly-Chara Pool. Said Rusty-Chara Pool was discovered by the Chara Oil Tompany Port, Kings Well no. 17, located on Unit A of Section 23, Township 22 north, Range 7 West NMPM It was completed in the Chara 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 Jacpool in San Juan County, New Mexico, for the production of par from the Chava formation, said pool to bear the designation of Navajo City-Chava Pool, Said Navajo Chava Pool, Said Navajo
- That there is need for the creation of a new gac pool in Lan Juan County, New Mexico, for the production of par from the thana formation, I said pool to bear the designation of animae. Chava Pool. Said Animas. Chava Posl was discovered by the Mara Petrolum Emporation Primo Well no. 1-A, located in Unit D of Soction 6, Township 31 north, Range 10 West, NMPM. The top of the perforated interval is at It was completed in the Chava formation on December 31, 1975. The top of eleperforated interval is at 3444 feet.

- (12) That there is need for the creation of a new sil nool in San from County, New Mexico, for the production of sil from the missiscippion formation, said pool to bear the designation of Boardiful mountain. Missiscippion Oil Pool was discound by the Patrolaum I may Comparation horago well no. 1-5 Navojo, located in Unit F of Soction 5. Yourship 26 north, Pange 19 West, NMPM. It was completed in the missiscippion formation on June 3, 1975. The top of the perforoted internal in at 5960 feet.
- (13) That there is need for the creation of a new gar Dool in San Juan County, New Mexico, for the production of gas from the mississippion formation, said pool to bear the designation of North Toxito Dome-Mississippion San Fool. Said horth Toxito Dome-Mississippion San Pool was discovered by the Saguars Oil lompany Staver Newayo Well No. 1, locatefin Unit M of Section 34 Township 21 horth, Range 18 West, NMPM. It was completed in the Mississippion formation on april 6, 1975. The top of the perforated internal is at 6717 feet.
- (14) That there is need for the creation of a new oil pool in Mc Kinley Count 4.

  New Mexico, for the production of oil from the Manual formation, said pool to bear the designation of Franciscon Lake Macaverde Oil Pool.

  Said Franscian Lake Manaverde Oil Pool was discovered by the Basin Fuels, Inc. Star Well no. 1, located in Unit Mof Section 7, Township 20 north, Rouge 5 West, NMPM. It was completed in the Macaverde formation on May 15, 1975. The top of the perforated interval is at 1970 feet.
- (15) That there is need for the creation of a new gas pool in Son from County, New Mexico, for the production of gas from the Gallup formation, said pool to bear the designation of Albino-Gallup Pool. Said Albino-Hallup Fool was discovered by the Coartline Petroleum Company, Inc. Schalk 94 well not located in Unit A of Solio. 26, Township 32 north, Range & west, HMPM. It was competed in the Gallup formation on February 28, 1975. The top of the perforated interval is at 7545 feet.
- (14) That there is need for the creation of a new oil pool in San from County, New Mexico, for the production of oil from the Kallup formation, said pool to bear the designation of Knickerbocker Butter Gallup Oil Pool, Said Knickerbocker Butter Gallup Oil Pool was discovered by the 3 l faco Natural Gas Company Schumacher Well no. 13 located in Unit N of Section 17, Township 30 north, Ponge 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 fac pool in Sandoval County, New Mexico, for the production of gas from the Hallup formation. To said pool to bear the designation of furty Hallup Fool, Said Rusty Hallup Fool was discovered by the Engineering & Production Service, Inc. Dana State well res. I located in Unit Hof Section 16, Township 22 harth, Range 7 West, NMPM. It was completed in the Hallup formation on July 15, 1975. The top of the perforated interval is at 4786 feet.

- New Mexico, for the production of sil from the Kolling formation, said I pool to bear the designation of allowed by the BCD, Said Clamito. Destroy Oil Pool, S
- (19) That there is need for the creation of a new oil nool in Son Juan County, New Mexico, for the production of oil from the <u>Sallup</u> Gormation, to said pool to bear the designation of nagery Sallup Oil Pool, Said Nagery Said Nage
- (20) That there is need for the creation of a new oil pool in Pio arriba County, New Mexico, for the production of oil from the Gallup formation, said pool to bear the designation of Ogito-Itallup Oil Pool. Said Ogito-Itallup Oil Pool was discovered by the Skelly Oil Company C. W. Pobute 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 Sallup formation on October 10, 1974
- That there is need for the creation of a new vilpool in San Joval County, New Mexico, for the production of oil from the Gallup formation, to said pool to bear the designation of Media-Gallup Oil Fool. Said Media-Ballup Oil Fool was discount by the Petro Lewis Corporation Federal Media well no. 7 located in Unit C of Soction 22, Township 19 north, Range 3 West, NMPH. It was completed in the Hallup formation on april 9, 1975. The top of the perforated intend in at 2793 fut.
- That there is need for the creation of a new gas pool in Some from County, New Mexico, for the production of gas from the Francington formation, said pool to bear the designation of South Hallegos Framington Pool.

  Said South Hallegos Framington Pool was discovered by the Dugan Production Corporation Benjamin Franklin Well No. 1, located in Unit A of Section 10, Township 26 North, Pange 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 extensiones to the

Smith Elanco - Pidemod Cliffe Pool, The Campo - Vallup Pool, The Devile Fronk - Stalley Pool, The Double Fork Messaverde bil Pool, the Labornador - Piction of Cliffe Pool, the West Lindville Holley-Debota Pool, The Oters- Chaird Pool, The Otoro- Gallup Fool, The East Pointo Chiquito - Gallup Park, and the Tapacito- Victured Cliffe Pool, all in Rio arriba County, New Mexico; the Ballard - Pictured Cliffi Pool and the Rusty-Monefect Pool in Sandoval County, new moxico; the angele Peak - Hallup Fool, the after Fruitland Pool, the Oxtec-Pictured Cliffe Pool, the Bloomfield-Chaira Pool, The Disfers Point Salley-Deksta Pool, The Gallegor-Golfing Oil Pool, the South Gallegor - Fruitland Pool, the Kity - Fruitland Pool, The Kutz- Gallupo Pool, the Largo- Chaira Pool, the Nipp-Pictured cliffs Pool, the Pinon - Fruitland Pool, The Ute Dome - Dakota" Pool, and the WAW- Pictured Cliffe Pool, all in San Juan County, New Mexico; and the Clanco-Mosowerde Pool, the Blanco-Pictured Cliffe Poul out the Escrito-Itallup Pool, all in Rio arriba and Son Juan Counties, New Mexico.

(24) That the proposed extension of the Defers. Paint Sucap Dakoha Pool and in San Juan County, how mexico, and the East Process Chiquito Ballup Pool in Ris Cerriba Carmet, how mexico, should be drawinged.

It is therefore ordered:

(A) mi ( )	1
(2) That a new pool in	e guare
Count & New Mexico, classified	as a pool for
Picture Cliffe production, is her Potivin - Picture	ed Cliffy Pool, consisting
of the following-described area:	<del></del>
	NORTH, RANGE 8 WEST, NAPA
Section 14: Section 15:	
Section 16:	
	, A
County New Mexico, classified rectard Cliffe production, is here	San delan
County, New Mexico, classified	as a gar pool for
Pictured Cliffe production, is her	eby created and designated as the
albino- Pictured	Cliffe Pool, consisting
of the following-described area:	
TOWNSLIP Section 2	32 NORTH, RANGE 8 WEST, NAPM 6: SW/4
	en e
(c) That a new pool in	San Juan
(c) That a new pool in County, New Mexico, classified Falsta production, is her	as a ges pool for
Paketa production, is her	eby created and designated as the
Straight Carryon	- Dakota Pool, consisting
of the following-described area:	
TOWNSHIP 31 NORTS Section 14: SW/	TH, RANGE 16 WEST, NAPM
	and the second control of the second
(L) That a new pool in Count 4. New Mexico, classified	Mc Kinley
Count 4 New Mexico, classified	as an oil pool for
Wakota production, is here	eby created and designated as the
Marcilina - Was	kota Oil Pool, consisting
of the following-described area:	TOWNSHIP 16 NORTH, RANGE 9 WEST, MADM
	Section 18: S/2 SW/4 Section 19: N/2 NW/4
<u>Contractors of the second of </u>	
	TOWNSHIP 16 NORTH, RANGE 10 WEST, MAPM Section 24: NE/4 NE/4
(0) That a new need in	San Augus
(2) That a new pool in County, New Mexico, classified a	os a most for
Inuitand production, is here	thy created and decignated as the
helie Carryon	- Fruittand Pool consisting
of the following-described area:	tool, consisting
The state of the s	
TOWNSHIP 29 NORTH, RA	NGE 8 WEST, NMPM
Section 36: NW/4	
(A That a many	S. When the contract of the co
Count y, New Mexico, classified a Fruitland production, is here	san jum
The tree most co, classified a	is a gas pool for
production, is here	by created and designated as the
of the following-described area:	a-Fruitland Pool, consisting
and rearroughly accounting a sage	e di control de la control de
	and the second control of the control of the second control of the second control of the second control of the

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

(2) That a new pool in production, is hereby created and designated as the following-described area:    TORKENIP 31 NOWER, PANON 9 NEST, IMPH	(9) That	a new pool in	San Jua		
Townstip a production, is hereby created and designated as the following-described area:    Townstip al Morth, PANOR 9 WEST, MORTH   Pool, consisting	Count 4, New	Mexico, classified	d as a	gas	pool for
Township 11 North, RANGE 9 REST, RAPH  Section 23: North  New Mexico, classified as a par pool for chara production, is hereby created and designated as the production area:  Township 20 NORTH, RANGE 8 West, NMPM Section 25: N/2 Section 25: N	Fruitland	production, is he	ereby created	and desig	nated as the
(A) That a new pool in Sendowal  Chara production, is hereby created and designated as the Pool, consisting Section 23: 1874  (b) That a new pool in Section 23: 1875  Chara production, is hereby created and designated as the Pool, consisting Section 23: 1872  Section 23: 1872  Section 23: 1872  Section 23: 1872  (c) That a new pool in Section 24: 1872  Section 25: 1874  (d) That a new pool in Section 25: 1874  (e) That a new pool in Section 25: 1874  Section 25: 1874  Section 23: 1872  (f) That a new pool in Section 23: 1872  (g) That a new pool in Section 23: 1872  (g) That a new pool in Section 23: 1872  (g) That a new pool in Section 23: 1872  Section 25: 1874  Secti	· · · · · · · · · · · · · · · · · · ·				
TOWNSHIP 31 NONTH, PANCE 10 WEST, NOTH  Section 23: 180/4  (A) That a new pool in  Ounty New Moxico, classified as a production, is hereby created and designated as the Pool, consisting of the following-described area:  TOWNSHIP 22 NONTH, RANGE 7 WEST, NOTH  Section 23: 18/2  Section 24: 18/2  Section 25: 18/2  Section 26: 18/2  Section 26: 18/2  Section 26: 18/2  TOWNSHIP 20 NORTH, RANGE 8 West, NAPPH  Section 26: 18/2  TOWNSHIP 20 NORTH, RANGE 8 West, NAPPH  Section 26: 18/2  TOWNSHIP 20 NORTH, RANGE 10 WEST, NAPPH  Section 6: 18/4  TOWNSHIP 21 NORTH, RANGE 10 WEST, NAPPH  Section 6: 18/4  TOWNSHIP 20 NORTH, RANGE 10 WEST, NAPPH  Section 6: 18/4  TOWNSHIP 20 NORTH, RANGE 10 WEST, NAPPH  Section 6: 18/4  TOWNSHIP 20 NORTH, RANGE 20 WEST, NAPPH  Section 6: 18/4  TOWNSHIP 20 NORTH, RANGE 20 WEST, NAPPH  Section 6: 18/4  TOWNSHIP 20 NORTH, RANGE 20 WEST, NAPPH  Section 6: 18/4  TOWNSHIP 20 NORTH, RANGE 20 WEST, NAPPH  Section 6: 18/4  TOWNSHIP 20 NORTH, RANGE 20 WEST, NAPPH  Section 6: 18/4  TOWNSHIP 20 NORTH, RANGE 20 WEST, NAPPH  Section 6: 18/4  TOWNSHIP 20 NORTH, RANGE 20 WEST, NAPPH  Section 6: 18/4  TOWNSHIP 20 NORTH, RANGE 20 WEST, NAPPH  TOWNSHIP 20 NORTH, RANGE 20 NORTH, RANGE 20 WEST, NAPPH  TOWNSHIP 20 NORTH, RANGE 20 NORTH, RANGE 20 WEST, NAPPH  TOWNSHIP 20 NORTH, RANGE 20 WEST, NAPPH  TOWNSHIP 20 NORTH, RANGE 2	of the followin	q-described area:	<b>*</b>		· · · · · · · · · · · · · · · · · · ·
Ounty New Mexico, classified as a por pool for Chara production, is hereby created and designated as the following-described area:  TOMNSHIP 22 DORMI, RANGE 7 WEST, 1899H Section 23: M2 Section 23: M2 Section 23: M2 Section 24: M2 Section 25: M2  (i) That a new pool in Serve from production, is hereby created and designated as the production, is hereby created and designated as the Marajo Cly Chara Pool, consisting for this following-described area:  TOMNSHIP 20 DORTH, RANGE 8 West, NAPPA Section 25: M1 Section 25: M2 Section 25: M1 Section 25: M2 Section		**************************************			
(A) That a new pool in Sandoval  ounty, New Mexico, classified as a port pool for Chara production, is hereby created and designated as the fully Chara Pool, consisting of the following-described area:  TOMBINITY 2 DORTH, PANGE 7 WEST, 1879H  Section 23: M1 Section 23: M2 Section 23: M2 Section 24: M2 Section 25: M2 Section 25: M2  (A) That a new pool in Sandoval Pool, consisting ounty, New Mexico, classified as a part pool for production, is hereby created and designated as the Marajo City Chara Pool, consisting of this following-described area:  (b) That a new pool in Section 25: M1 Section 25: M1 Section 26: M2 Section 26: M2 Section 26: M2  (c) That a new pool in Section 36: M2  (d) That a new pool in Section 36: M2  (e) That a new pool in Section 36: M2  TOWNSHIP 21 MORTH, PANGE 10 WEST, MEM Section 6: MM/A  (f) That a new pool in Section 36: M2  TOWNSHIP 21 MORTH, PANGE 10 WEST, MEM Section 6: MM/A  TOWNSHIP 21 MORTH, PANGE 10 WEST, MEM Section 6: MM/A  TOWNSHIP 21 MORTH, PANGE 10 WEST, MEM Section 6: MM/A  TOWNSHIP 25 MORTH, RANGE 10 WEST, MEM Section 6: MM/A  TOWNSHIP 26 MORTH, RANGE 10 WEST, MEM Section 6: MM/A  TOWNSHIP 26 MORTH, RANGE 10 WEST, MEM		mownette of North	H PANCE O WEST MIP	•	
f the following-described area:    Comment   County   Chara   Pool, consisting				-	
f the following-described area:    Composition   Compositi				· ·	
f the following-described area:    Common   Comm			. <b></b>		
f the following-described area:    TONNSHIP 21 NORTH, RANGE 10 WEST, NAPM		·			•
f the following-described area:    Composition   Compositi			6 . 0	. 1	
f the following-described area:    Section 20   107	(水) That	a new pool in	- Jacabo		
f the following-described area:    Section 20   107	County, New	Mexico, classified	las a 🔼	gar	pool for
TOWNSHIP 21 NORTH, RANGE 10 WEST, NORTH  Section 13: EVE Section 24: W/2 Section 24: W/2 Section 24: W/2 Section 25: EVE Section 26: EVE Section 36: EVE SECTION EVE SECTI	Chacra	_production, is he	ereby created	and desig	nated as the
County, New Mexico, classified as a pool for the following-described area:  (k) That a new pool in San fuer pool for the following-described area:  (k) That a new pool in San fuer pool, consisting for the following-described area:  (k) That a new pool in San fuer pool for the following-described area:  (k) That a new pool in San fuer pool for the following-described area:  (k) That a new pool in San fuer pool for the following-described area:  (k) That a new pool in San fuer pool for the following-described area:  (k) That a new pool in San fuer pool for the following-described area:  (k) That a new pool in San fuer pool for pool for the following-described area:  (k) That a new pool in San fuer pool for pool for the following-described area:  (k) That a new pool in San fuer pool for pool for production, is hereby created and designated as the pool for production for production, is hereby created and designated as the pool for production production, is hereby created and designated as the pool for production production for production, is hereby created and designated as the pool for production production, is hereby created and designated as the pool for production production, is hereby created and designated as the pool for production production, is hereby created and designated as the pool for production production, is hereby created and designated as the pool for production production, is hereby created and designated as the pool for production production, is hereby created and designated as the pool for production producti			y-Chaera	Po	ol, consisting
Section 23: All Section 24: W/2  Section 23: All Section 26: W/2  County New Mexico, classified as a par pool for the following-described area:  (i) That a new pool in San from Pool, consisting of the following-described area:  (j) That a new pool in San from Section 25: All Section 35: N/2  Section 36: N/2  County New Mexico, classified as a par pool for Chara production, is hereby created and designated as the Pool, consisting of the following-described area:  (k) That a new pool in San from Pool, consisting of the following-described area:  TOWNSHIP 31 HORTH, RANGE 10 WEST, NATM  Section 6: 18874  County New Mexico, classified as an oil pool for Michigan production, is hereby created and designated as the Pool, consisting of the following-described area:	of the following	g-described area: `	MOVINIONE DO MARTIN		
Section 24: N/2 Section 26: N/2 Section 26: N/2  (i) That a new pool in		•	Section 13: E/2	, RANGE 7 WEST,	NAPM
(i) That a new pool in San fuan  County, New Mexico, classified as a fas pool for chara production, is hereby created and designated as the pool, consisting f the following-described area:  (j) That a new pool in San fuan  County, New Mexico, classified as a fast pool for production, is hereby created and designated as the following-described area:  TOWNSHIP 21 NORTH, PANGE 10 WEST, NORTH  Section 5: N/2  County, New Mexico, classified as a fuen pool for production is hereby created and designated as the following-described area:  TOWNSHIP 21 NORTH, PANGE 10 WEST, NORTH  County, New Mexico, classified as an oll pool for production, is hereby created and designated as the feature production, is hereby created and designated as the feature production, is hereby created and designated as the feature production, is hereby created and designated as the feature production, is hereby created and designated as the feature for production where the following-described area:			Section 23: All	*	*
Accepted and designated as the Marajo City - Chara Pool, consisting of the following-described area:  TOWNSHIP 30 NORTH, RANGE & West, NMPM Section 23: S/2 Section 33: N/2 Section 35: N/2 Section 36: N/2  That a new pool in San from Pool for Chara production, is hereby created and designated as the Annuar Chara Pool, consisting of the following-described area:  TOWNSHIP 31 NORTH, PANCE 10 WEST, NAPM Section 6: NW/A  Township 31 NORTH, PANCE 10 WEST, NAPM Section 6: NW/A  TOWNSHIP Marajora Oil Pool, consisting of the following-described area:					
Township 31 North, RANGE 10 WEST, NATH  Township 1 North, Range 10 West, NATH  Township 2 North, Range 10 West, NATH  Township 26 North, Range 10 West, NATH					
Acceptable described area:    Marria   Pool, consisting	(L) That	a new pool in	San Jua	en	•
Accepted and designated as the Marajo City - Chara Pool, consisting of the following-described area:  TOWNSHIP 30 NORTH, RANGE & West, NMPM Section 23: S/2 Section 33: N/2 Section 35: N/2 Section 36: N/2  That a new pool in San from Pool for Chara production, is hereby created and designated as the Annuar Chara Pool, consisting of the following-described area:  TOWNSHIP 31 NORTH, PANCE 10 WEST, NAPM Section 6: NW/A  Township 31 NORTH, PANCE 10 WEST, NAPM Section 6: NW/A  TOWNSHIP Marajora Oil Pool, consisting of the following-described area:	Count v. New	Mexico, classified	l as a	gas	pool for
Township 31 Horth, PANCE 10 WEST, NAPA  Section 6: IW/A  Township 30 North, RANCE 8 West, NAPA  Section 24: \$1/2 Section 25: All Section 36: N/2  County, New Mexico, classified as a gar pool for production, is hereby created and designated as the Auman Chana Pool, consisting of the following-described area:  TOWNSHIP 31 HORTH, PANCE 10 WEST, NAPA  Section 6: IW/A  County, New Mexico, classified as an oil pool for production, is hereby created and designated as the Paratiful Manuatan Missinghian oil Pool, consisting of the following-described area:	Charge	production is he	reby created	and desig	
TOWNSHIP 21 HORTH, RANGE 10 WEST, NATH  (f) That a new pool in Section 29: All Section 39: N/2 Section 39: N/2 Section 39: N/2 Section 36: N/2  That a new pool in Section 36: N/2  County, New Mexico, classified as a gas pool for Chara production, is hereby created and designated as the Annual Chara Pool, consisting of the following-described area:  TOWNSHIP 21 HORTH, PANGE 10 WEST, NAPM Section 6: NW/A  (f) That a new pool in San fuon  County, New Mexico, classified as an oil pool for Missingson production, is hereby created and designated as the Beautiful Missingson Pool, consisting of the following-described area:	0.0000	production, 25 in	d.	Po	al consisting
TOWNSHIP 21 HORTH, RANGE 10 WEST, NATH  (f) That a new pool in Section 29: All Section 39: N/2 Section 39: N/2 Section 39: N/2 Section 36: N/2  That a new pool in Section 36: N/2  County, New Mexico, classified as a gas pool for Chara production, is hereby created and designated as the Annual Chara Pool, consisting of the following-described area:  TOWNSHIP 21 HORTH, PANGE 10 WEST, NAPM Section 6: NW/A  (f) That a new pool in San fuon  County, New Mexico, classified as an oil pool for Missingson production, is hereby created and designated as the Beautiful Missingson Pool, consisting of the following-described area:	6 11 2 6 3 3 2 2 2 2 2	dans in all and			011 00010019
Chara production, is hereby created and designated as the Annuas Chara Pool, consisting of the following-described area:  TOWNSHIP 31 NORTH, RANGE 10 WEST, NAPM Section 6: NW/4  County New Mexico, classified as an oll pool for minimizing an production, is hereby created and designated as the Beautiful Mountain Minimizing of the following-described area:  TOWNSHIP 26 NORTH, RANGE 19 WEST, MAPA					
Chara production, is hereby created and designated as the Annuas Chara Pool, consisting of the following-described area:  TOWNSHIP 31 NORTH, RANGE 10 WEST, NAPM Section 6: NW/4  County New Mexico, classified as an oll pool for minimizing an production, is hereby created and designated as the Beautiful Mountain Minimizing of the following-described area:  TOWNSHIP 26 NORTH, RANGE 19 WEST, MAPA		• • • • • • • • • • • • • • • • • • •		, , , , , , , , , , , , , , , , , , ,	
Chara production, is hereby created and designated as the Annuas Chara Pool, consisting of the following-described area:  TOWNSHIP 31 NORTH, RANGE 10 WEST, NAPM Section 6: NW/4  County New Mexico, classified as an oll pool for minimizing an production, is hereby created and designated as the Beautiful Mountain Minimizing of the following-described area:  TOWNSHIP 26 NORTH, RANGE 19 WEST, MAPA	•			8	
Chara production, is hereby created and designated as the Annuas Chara Pool, consisting of the following-described area:  TOWNSHIP 31 NORTH, RANGE 10 WEST, NAPM Section 6: NW/4  County, New Mexico, classified as an oll pool for minimizing an production, is hereby created and designated as the Beautiful mountain - Minimizing of the following-described area:  TOWNSHIP 26 NORTH, RANGE 19 WEST, MAPM					•
Chara production, is hereby created and designated as the Annuas Chara Pool, consisting of the following-described area:  TOWNSHIP 31 NORTH, RANGE 10 WEST, NAPM Section 6: NW/4  County New Mexico, classified as an oll pool for minimizing an production, is hereby created and designated as the Beautiful Mountain Minimizing of the following-described area:  TOWNSHIP 26 NORTH, RANGE 19 WEST, MAPA	(4) That	a new pool in	San Je	ean	· · · · · · · · · · · · · · · · · · ·
Chara production, is hereby created and designated as the Annuas Chara Pool, consisting of the following-described area:  TOWNSHIP 31 NORTH, RANGE 10 WEST, NAPM Section 6: NW/4  County New Mexico, classified as an oll pool for minimizing an production, is hereby created and designated as the Beautiful mountain Minimizing of the following-described area:  TOWNSHIP 26 NORTH, RANGE 19 WEST, MAPA	Count a New	Mexico classified	las a gas	<del></del>	nool for
County New Mexico, classified as an oil pool for production, is hereby created and designated as the Beautiful Mountain - Mississippian Oil Pool, consisting of the following-described area:	Chacra	production is he	reby created	and design	
(k) That a new pool in  Son from  Section 6: NW/4  County New Mexico, classified as an oil pool for production, is hereby created and designated as the Beautiful Mountain - Mississippian Oil Pool, consisting of the following-described area:	· · · · · · · · · · · · · · · · · · ·	Design asser C	sara	=	
TOWNSHIP 31 NORTH, RANGE 10 WEST, NAPM  Section 6: NW/4  County New Mexico, classified as an oil pool for production, is hereby created and designated as the Beautiful Mountain - Mississippian Oil Pool, consisting of the following-described area:	of the following			· ``	ya i vonogovings
(R) That a new pool in San from  County, New Mexico, classified as an oil pool for  Mississippian production, is hereby created and designated as the  Resultful Mountain - Mississippian Oil Pool, consisting  of the following-described area:  TOWNSHIP 26 NORTH, RANGE 19 WEST, MARKE		, accertace dicu.			
(R) That a new pool in San from  County, New Mexico, classified as an oil pool for  Mississippian production, is hereby created and designated as the  Resultful Mountain - Mississippian Oil Pool, consisting  of the following-described area:  TOWNSHIP 26 NORTH, RANGE 19 WEST, MARKE					
(k) That a new pool in Sur 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, MICH.		TOWNSHIP 31 NO	RTH, RANGE 10 WEST, N	MPM	
of the following-described area:  TOWNSHIP 26 NORTH, RANGE 19 WEST, MARK		Section 6: NW	<b>/4</b>		
of the following-described area:  TOWNSHIP 26 NORTH, RANGE 19 WEST, MARK	. 4				• •
of the following-described area:  TOWNSHIP 26 NORTH, RANGE 19 WEST, MARK			\$		
of the following-described area:  TOWNSHIP 26 NORTH, RANGE 19 WEST, MARK				· - 4	
of the following-described area:  TOWNSHIP 26 NORTH, RANGE 19 WEST, MARK	n		< 1		
of the following-described area:  TOWNSHIP 26 NORTH, RANGE 19 WEST, MARK	(水) That	a new pool in	san je	con	
of the following-described area:  TOWNSHIP 26 NORTH, RANGE 19 WEST, MARK	County, New	Mexico, classified	las än	oil	pool for
of the following-described area:  TOWNSHIP 26 NORTH, RANGE 19 WEST, MARK	Missierippian	_production, is he	reby created	and design	nated as the
of the following-described area:  TOWNSHIP 26 NORTH, RANGE 19 WEST, MARK	Beautif	In Mountain - M	ississippion	oil Po	ol, consisting
TOWNSHIP 26 NORTH, RANGE 19 WEST, NAPA Section 5: NW/4	of the following	g-described area:	rane in la caracter de la caracter La caracter de la car	To the second	
Section 7: MW/4	40		TOWNSHIP 26 NORT	H, RANGE 19 WEST	, NMPM
		· '	bection 5: hw/4		• '

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Carrint	That a new poo , New Mexico, c	l in	(ي	du franc	<del></del>
Count	, New Mexico, c	classified a	s a		_pool for
Micewell	ian producti	on, is here	by created	and designa	ted as the
	north	Tocilo Wome	e- Micrise	ppian Pool	, consisting
of the fol	lowing-describe				
	Town	adig 27 2	routh, Rom	rge 18 West,	NMPN
		Section 34.	. 5/2		
		-			
•					٠.,
(m)	That a new poo	l in	Me Ke	uley	
County.	That a new poo New Mexico, c	lassified a	s an	oil	pool for
Megaverl	producti	on, is here	by created	and designa	ted as the
77	Frans	rise an Fa	k = 30 = 00	d. m: 1 Pool	l, consisting
of the fall	owing-describe		- TO Deave	00.00.	., considering
or clic loss	Owing describe	u aiva.	TOWNSHIP 20 NORT	H, RANGE 5 Was	t NIMPM
•			Section 7: All Section 18: N/2		•
	•	•	· ·		
•			Section 12: E/2	H, RANGE 6 WEST, N	<u>мРм</u>
(n)	That a new poo	] in			
ount 4	That a new poo New Mexico, c production	lassified a	s a	9	nool for
8 1 1 1	nnaduati	on is hand	by cheated	and decians	_poor rora
racing.	broducti		a oc.	anu uesiyna	teu as the
			· · · · · · · · · · · · · · · · · · ·	. 001	, consisting
or the 1011	owing-described	d area:			
المعترب والمواجع		e ere			****
		TOWNSHIP Section 1	32 NORTH, RANGE 8	WEST, NMPM	•
			<b>*</b>	in Kanada a manada kanada kan	
فرام المام ماريان إعلانت عبالغيا فاعتب			<u>a a antinu mang at alam sa</u> Tingga		ida ing ing panganananananananananananananananananan
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	•			· · · · · · · · · · · · · · · · · · ·	
(10)	That a new-non	1. in		San Luan	المناسبين المناسبين المناسب
Country	New Marico c	laccified a	S 22	- N. B	pool for
0 4 g	nnoducti	on ic hard	hy created	and designa	ted as the
vall	ap producti	ch. I Res.	13.116 17.	The act Pool	consisting
- 6 AD - 6-13	That a new poo New Mexico, c up producti	denson		1001	, consisting
of the 1011	lowing-describe	a area:			
		TOWNSHIP 30 NO	ORTH, RANGE 10 WES	ST. NAPM	•
		Section 17: S		<u> </u>	
-					
•				and the second second	
		8 8	5 . 1	0	
(p)	That a new poo New Mexico, c producti	l in	Landowa	Y	
Count	New Mexico, c	lassified a	s a	gas	_pool for
Gallup	producti	on, is here	by created	and designa	ted as the
	lowing-describe	ty- Gall	up	Pool	, consisting
of the foll	owing-describe	d area: To	conship 22 )	with, Roug	17 West NMPM
*.	•			NW/	and the second s
		j	Section 16:	11/4	

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(3) That a new pool in	Sandoral
County, New Mexico, classified as a	oil pool for
production, is hereby	created and designated as the
Olomito - Golley Oil	Pool, consisting
At the fellenting december asset	
Township 23 horth, Ro	inge T WAST, MMPM
collin 31: 5E/4	
(n) That a new pool in	Dan Juan
County, New Mexico, classified as a	n oil pool for
County, New Mexico, classified as a sallup production, is hereby  Nageeri - Sallup	created and designated as the Pool, consisting
of the following-described area:	NUMBER TO MODELL DANGE & WINCE MICH
	OWNSHIP 23 NORTH, RANGE 8 WEST, NMPM Section 6: S/2
\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	ection 7: N/2 SE/4 & W/2
TO S	DWNSHIP 23 NORTH, RANGE 9 WEST, NAPM ection 1: 4/2 8/2
(4) That a new pool in $\mathcal{R}$	io anila
(1) That a new pool in Pounty, New Mexico, classified as a gallup production, is hereby  Ofito- Salluy  f the following-described area:	nool for
Or 44 - production is haraby	created and designated as the
salup production, is neverly	Dool consisting
f the following-described ared:	
	rth, Range 3 West, MMPM
Township & s no	out, it is
Section 1	$7: S\omega/4$
- A	
<u></u>	
(t) That a new pool in	Soudoval
County, New Mexico, classified as a	n oil pool for
County, New Mexico, classified as a production, is hereby	created and designated as the
media- Nacio	Pool, consisting
of the following-described area:	
Township 19 no	The Range 3 West NMPM
Section 22: 5	
Sellion X2.	
	estatus ir
(µ) That a new pool in	fuan
(11) That a new pool in San County, New Mexico, classified as a Framington production, is hereby South Hallegoe - Franchis	gas pool for
Framington production, is hereby	created and designated as the
South Hallegor - Fre	ermington Pool, consisting
of the following-described grea:	TOWNSHIP 26 NORTH, RANGE 12 WEST, MA
	Section 2: S/2 Section 10: NE/4
	Section 11: NW/4

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	d described, is hereby extended to include therein township 27 NORTH, RANGE 1ついっけ 、MAPM	11.1
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(id)		
(i)	Excline 36: all	•
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ر دلن		
	That the after-Fruitland p	00
in San	That the After-Fruitland p  County, New Mexico, as heretofore classi	fi
defined, an	d described, is hereby extended to include therei	n:
-	TOWNSHIP 29 NORTH, RANGE 10 West, NMPM	
	Section 4: W/2	
	Lection 4. 1/2	
	Township 30 north, Range 10 West, NMPM	
	The second secon	
	Section 33: 5W/4.	
•		
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	That the Agree - Pictured Cliffs portion County, New Mexico, as heretofore classic	
(70)	That the Country New Mewica, as heretofore alassi	€1 00
2 - 6 d as - 2	d described, is hereby extended to include therei	~ -
the state of the s	Section 19: W/2	1.1
**************************************		•
(4) T	hat the Ballard Pictured Cliffs Poo	1
n Sandov	County, New Mexico, as heretofore classif	ic
errned, and	described, is hereby extended to include therein	):
The state of the s	TOWNSHIP 23 KONTH, RANGE 4 WEST, NUPM Section 19: S/2	:
	Section 20: All	
an an <b>w</b> i	Section 21: W/2 Section 27: W/2 & SE/4	
	Section 28: All Section 29: All	
	Section 30: All	
	Section 31: N/2	
e dan ku di Perete Suban	n market <b>Section :32: 대)/2</b>	
e din in di Paese Sudan La Sa	Section 32: NV/4	
e din in different die in Diffe	Section 33: NW/4 TOWNSHIP 24 NORTH, RANGE 4 WEST, NMPM	
	Section 33: NW/4  TOWNSHIP 24 NORTH, RANGE 4 WEST, NMPM Section 33: N/2	
	Section 33: NW/4  TOWNSHIP 24 HORTH, RANGE 4 WEST, NMPM Section 33: N/2  TOWNSHIP 24 HORTH, RANGE 6 WEST, NMPM	
	Section 33: NW/4  TOWNSHIP 24 NORTH, RANGE 4 WEST, NMPM Section 33: N/2	
CSA mu	Section 33: NW/4  TOWNSHIP 24 NORTH, RANGE 4 WEST, NMPM Section 33: N/2  TOWNSHIP 24 HORTH, RANGE 6 WEST, NMPM Section 35: SW/4	
(3) Th	Section 33: NW/4  TOWNSHIP 24 NORTH, RANGE 4 WEST, NMPM Section 33: N/2  TOWNSHIP 24 HORTH, RANGE 6 WEST, NMPM Section 35: SW/4	1
(3) The Gridson efined. and	Section 33: NW/4  TOWNSHIP 24 HORTH, RANGE 4 WEST, NMPM Section 33: N/2  TOWNSHIP 24 HORTH, RANGE 6 WEST, NMPM Section 35: SW/4  That the Blanco: Meracede Poolsan fusucounts New Mexico, as heretofore classif	l ie
(3) The first and efined, and	Section 33: NW/4  TOWNSHIP 24 NORTH, RANGE 4 WEST, NMPM Section 33: N/2  TOWNSHIP 24 HORTH, RANGE 6 WEST, NMPM Section 35: SW/4	l ie
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in the Blanco - Patient Cliffe Pool County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein: TOWNSHIP 28 MORTH, RANGE 7 WEST, MMPM Section 18: N/2 TOWNSHIP 31 NORTH, RANGE 10 WEST, MAPM Section 3: 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, NAPM Section 15: W/2 Section 18: S/2 TOWNSHIP 32 NORTH, RANGE 12 WEST, NAMPM Section 13: N/2 & SE/4 in Rio Aniba South Blanco-Pictured Cliffs Pool County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein: TOWNSHIP 24 NORTH, RANGE 4 WEST, NAMPM Section 9: S/2 Section 13: S/2 Section 16: All Section 21: N/2 ((c) That the Bloomfield-Chaira

County Now Marie County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein: TOWNSHIP 29 HORTH, RANGE 10 WEST, MAPA Section 9: S/2 Section 10: S/2 Section 11: S/2 Section 12: S/2 TOWNSHIP 29 HORTH, RANGE 11 WEST, NAPM Section 35: NE/4 in Rio Ariba County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein: TOWNSHIP 29 NORTH, RANGE 4 West Section 12: NE/4 in Rio Oviba County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein: TOWNSHIP 24 NORTH, RANGE 6 West Section 3: 5W/4 Section 9: E/2NE/4.

Section 10: NW/4

	in fin T	hat the $\delta_{\rho}$	County	New Me	xico.	s heret	ofore c	<u>/</u> Pool lassified
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	(fl)	That the	Esvi	ito-Ga	llup		<i>'</i>	Pool
	in Rio arriba a	ed Son Juan	County	, New M	exico,	as heret	ofore c	lassifie
	defined, and	d describ	ped, is	hereby	extend	ed to in	iclude t	herein:
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đ	efined, and	described	d, is h	ereby e	xtended	l to inc	lude the	erein:
****			TOWNSHI	P 26 NÖRTH,	RANGE 10 W	EST. NMPM	**************************************	
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•	e e		Section	P. 27 NORTH, 26: S/2	RANGE 13 W	est, inpm		
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	in San lua	nat the	County,	New Me	xico, a	s hereto	fore cl	Poo. assified
	defined, and	describe	d, is	hereby	extende	d to inc	lude th	erein:
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			TOWNSHIP	26 NORTH, R	Mange 12 wes	ST, NAPM		
			Section 8	11/2				

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

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$(\ell\ell)$ That the	he Sobernador - Pictured Cliffy Pool County, New Mexico, as heretofore classified
in Rio Urrila	County, New Mexico, as heretorore classified
defined, and desc	ribed, is hereby extended to include therein:
	TOWNSHIP 29 NORTH, RANGE 4 With NMPM Section 19: 5/2
•	Section 30: All
•	Section 31: NE/4 Section 32: N/2 & SE/4
	TOWNSHIP 29 HORTH, RANGE 5 WEST, NAPM Section 3: W/2
	Section 10: N/2
•	Section 11: W/2 Section 13: W/2
	Section 14: All
(22) That t	the <u>Kutz-Inuitland</u> Pool County, New Mexico, as heretofore classified cribed, is hereby extended to include therein:
in San Luan	County, New Mexico, as heretofore classifie
defined. and desc	cribed, is hereby extended to include therein:
	TOWNSHIP 28 NORTH, RANGE 10 WEST, NAPM
	Section 30: S/2
	Section 31: N/2
•	
(mm) That t	the Kutz - Gallup Oil Pool
in Son buan	County, New Mexico, as heretofore classified
defined, and desc	cribed, is hereby extended to include therein:
•	
	TOWNSHIP 27 NORTH, RANGE 10 WEST, NAPM
	Section 5: NW/4 Section 6: N/2
•	Section -90-many4
	TOWNSHIP 27 NORTH, RANGE 11 WEST, NMPM
	36\\ \cdot\ \tag{\cdot\ \tag{\cdot\ \tag{\cdot\ \cdot\ \tag{\cdot\ \cdot\
•	Township 28 horth, Range 10 west, MMPM Section 32: 5W/4
garan kanan dari kanan dari ka	C. T. C. C. C.
	relion 31; July 4
	4. 01
(hy) That the	he Largo - Chava Pool County, New Mexico, as heretofore classified
in san fran	County, New Mexico, as nerecorore classified
defined, and descr	ribed, is hereby extended to include therein:
	TOWNSHIP 27 NORTH, RANGE 8 WEST, NAPM Section 3: S/2
	Section 4: SE/4
<b>X</b> :	Section 22: N/2
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(00) What t	he West Lindrith Sallup-Dakola O'll Pool County, New Mexico, as heretofore classifie
in Rio amilia	County New Mayico as horotofore classific
defined, and desc	ribed, is hereby extended to include therein:
acamou, and desc	TTOOM TO METERN EXCENDED OF INCIDES CHELGIU:
	TOWNSHIP 25 NORTH, RANGE 4 WEST, NAPM

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(cg) That th	ne <u>Mipp - Pictured Cliff</u> County, New Mexico, as ribed, is hereby extended		Pool
in Son Juan	County, New Mexico, as	heretofore	classifie
defined, and descr	ribed, is hereby extended	to include	therein:
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	TOWNSHIP 25 NORTH, RANGE 12 WEST, NO.	IPM	
	Section 3: All		
· ·	-Bastion-drive-W/C	1-, 0	
	TOWNSHIP 26 NORTH, RANGE 12 WK Section 20: 189/4	, nm Pm	
	Section 21: SE/4 Section 22: S/2		
	Decoron EE, O/E		
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(2) That the	he Oters Chavra  County, New Mexico, as	horotoforo	POOL
	county, new mexico, as ribed, is hereby extended		
delinea, and deber			
	TOWNSHIP 26 NORTH, RANGE 6 W. Section 4: W/2	NM NM	PM .
en e	Section 7: S/2 Section 7: All		
	Section 8: NW/4	e no acceptance	
	Section 25: SW/4	1	
	TOWNSHIP 26 NORTH, RANGE '7 W. Section 12: E/2	st, MMPM.	
(nh) That th	ne Otero- Hallup	Oil	Pool
in fis arriba	ne Otero - Hallup County, New Mexico, as	heretofore	classifie
	ribed, is hereby extended		
	TOWNSHIP 24 NORTH, RANGE 5 WEST, 1 Section 15: S/2	MPM	
	Disk.	au);	
	TOWNSHIP 25 NORTH, RANGE 5 WEST, 1 Section 26: S/2	ana ta	
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(ss) That the	proporto East Puento Chi	quito-Valley	Pool
in Rio arriba .	County, New Mexico, as	heretofore	classified
defined, and descri	bed, is hereby entended,	to include :	bleasskin:
tarian de la companya de la company	dismisse	<b>d</b> ,	4
		V	
(/t/) That the	Pinon-Fruitland	V	Pool

in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 28 HORTH, RANGE 12 WEST, MAPM Section 22: N/2
Section 23: N/2
Section 24: N/2

(//// That the	County, New Mexico, as	Oil	Pool
	County, New Mexico, as bed, is hereby extended		

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

(VV) 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, MAPM Section 22: W/2

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

(WW) That the Ut. Powl - Dakota Pool in San fuan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 32 NORTH, RANGE 13 West, NMPM Section 30: 5w/4

in San fuan 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, NJPM
Section 29: NW/4
Section 30: NE/4
Section 31: NW/4

Section 33: All Section 34: SW/4 & N/2

Section 27: 5E/4

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# 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.

AST

ORDER OF THE COMMISSION

#### BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on March 23, 19 77, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this day of day of 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, Runge 8 West, NMPM, San Juan County, New Mexico.

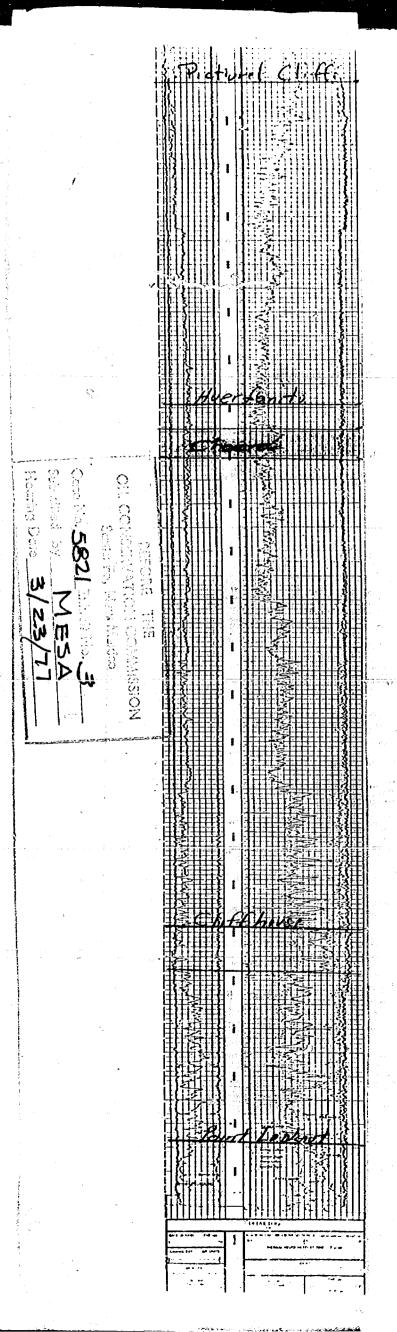
-2-Case No. 5821 <u>De Novo</u> Order No. R-5339-B

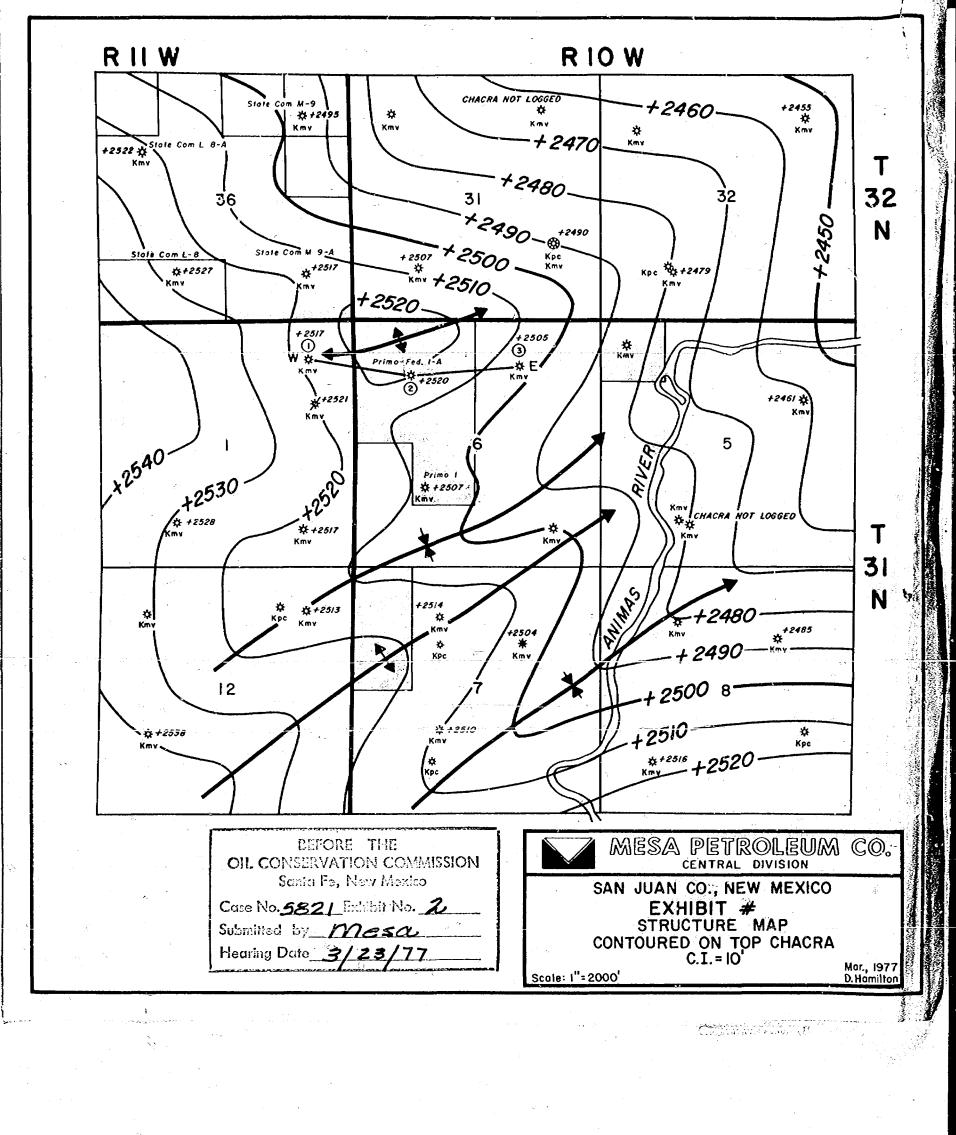
- (3) That in Case 5821, by its Order No. R-5339, Paragraph (j), the Commission created and defined the Animas-Chacra Pool in Township 31 North, Range 10 West, San Juan County, New Mexico.
- (4) That said Commission Order No. R-5339 was entered on the 25th day of January, 1977, with an effective date 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 kereby 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.

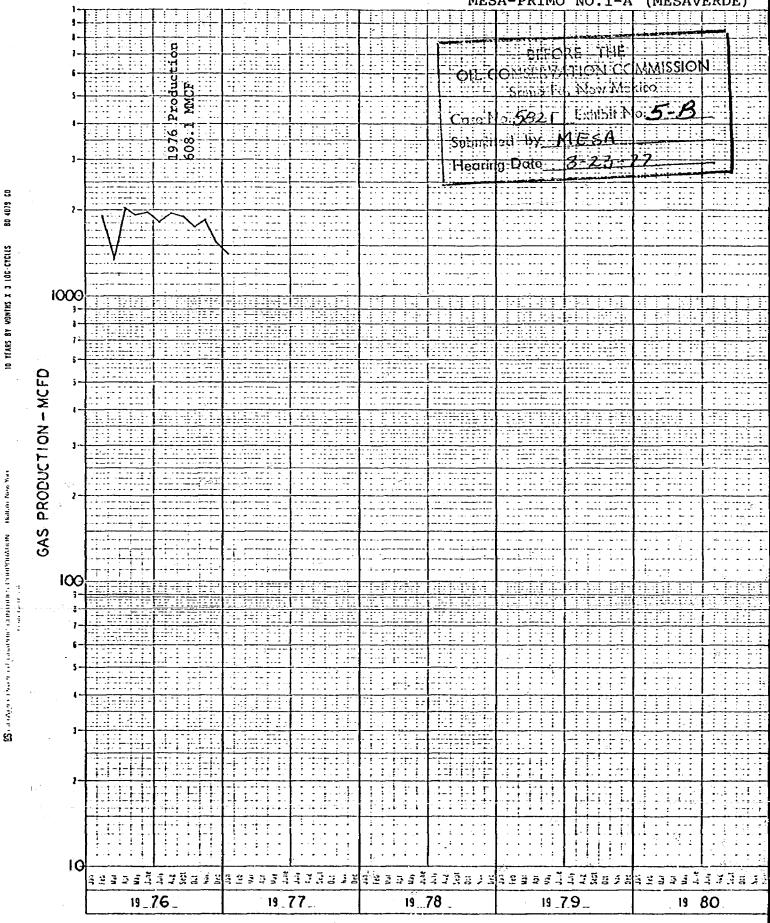


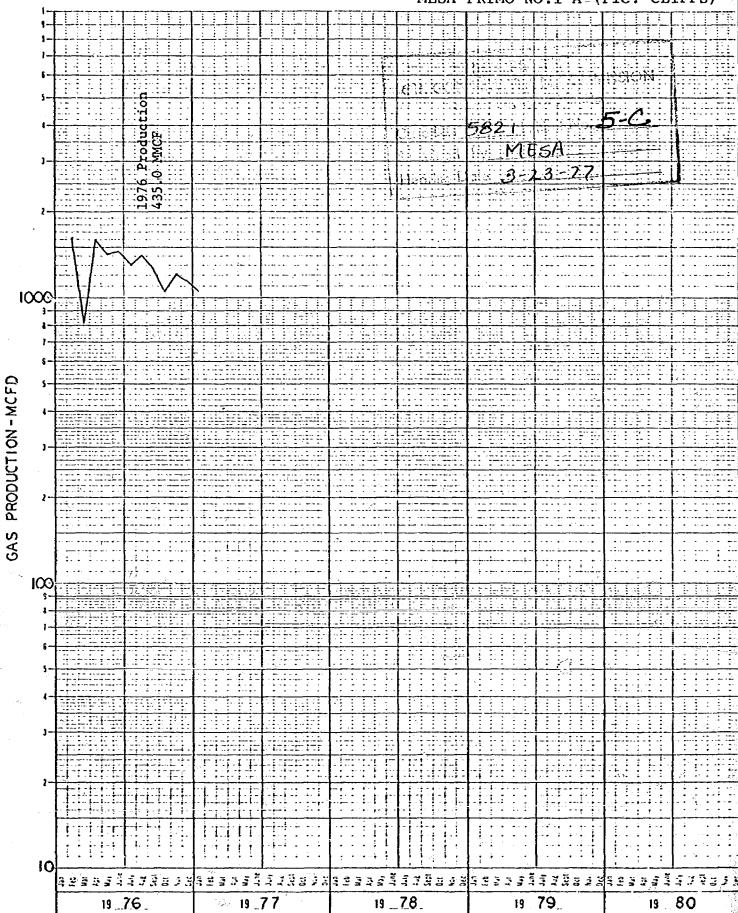


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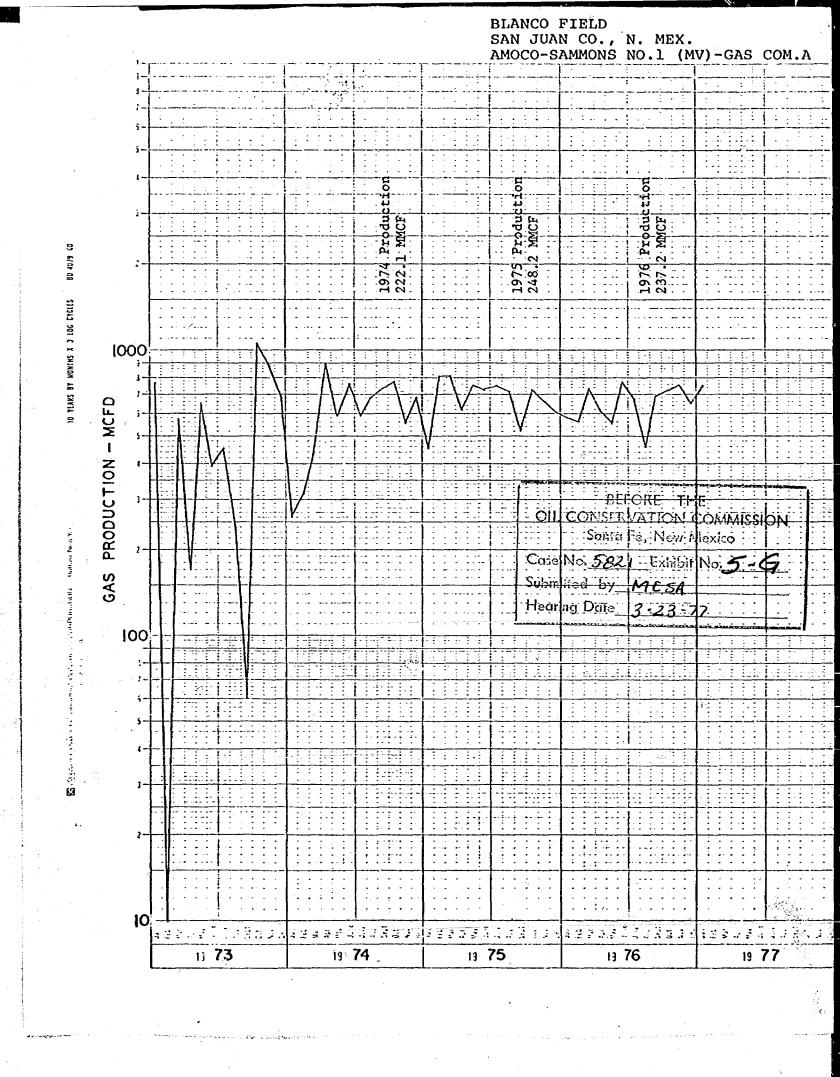


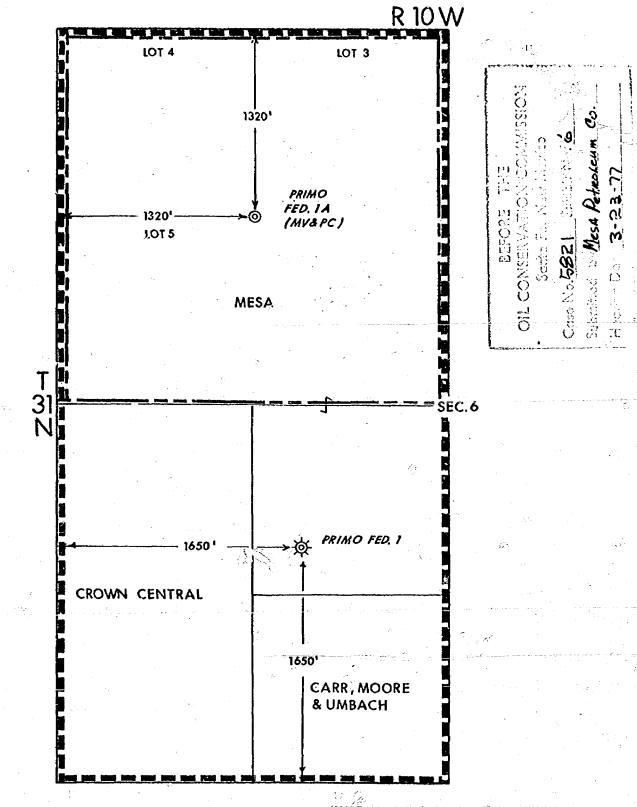
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BLANCO FIELD SAN JUAN CO., N. MEX. AZTEC O&G-HARRISON NO.1 (MV) 1000 GAS PRODUCTION - MCFD BEFORE THE NESERVATION COMMISSION Case:No Sobmittee Hearing Date 3.-100 10 និងមាននឹងនឹងនឹងនៅ និងមាននឹងនឹងនឹងនៅ ង៥១*នំ១ងីជន*និង*រុំ* នន្ទភ្នំជំនឹងអ៊ីម*ទ*ន 19 73 13 74 19 75 19 76 19 77

BLANCO FIELD SAN JUAN CO., N. MEX. EPNG-MUDGE NO. 4-R (MV) 1976 Production 274.0 MMCF 1975 1000 PRODUCTION - MCFD ESPORE THE OIL CONSERVATION COMMISSION Case No. 582 ( Exhibit No. 5-GAS Submitted by\_ MESA Hearing Date 100 10 «មិនភេឌជីជីជាអ៊ុន១៧«មិនភេឌជីជាអ៊ុន១២»មិនជនជីជាអ៊ុន១២«មិនគេគឺជីជីស៊ីបុខស៊ុនមិនគេគឺជីជីស៊ីបុខស៊ុនមិនគេគឺជីជីអ៊ូយប់ខ្ 19 73 19 75 19 76 19 77 13 74





## PRORATION UNITS

FED. LEASE SF 078215B SAN JUAN CO. NEW MEXICO

- MV- 307.57 AC.- MESA WI 62.42130%

--- PC & CHACRA - 151.09 AC-MESA WI 100.0000%