



BRUCE KING
GOVERNOR
ANITA LOCKWOOD
CABINET SECRETARY

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

OCT 1997
DEC 9 1997

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

ADMINISTRATIVE ORDER DHC-930

Meridian Oil Company
P.O. Box 4289
Farmington, NM 87499-4289

Attention: Arden L. Walker, Jr.

Jicarilla 98 Well No. 12
Unit J, Section 18, Township 26 North, Range 3 West, NMPM,
Rio Arriba County, New Mexico.
Blanco Mesaverde and Tapacito Pictured Cliffs Pools

RECEIVED
DEC - 9 1997

OIL CON. DIV.
DIST. 3

Dear Mr. Walker:

Reference is made to your recent application for an exception to Rule 303-A of the Division Rules and Regulations to permit the subject well to commingle production from both pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303-C, and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the two zones is hereby placed in abeyance.

In accordance with the provisions of Rule 303-C-4., total commingled oil production from the subject well shall not exceed 20 barrels per day, and total water production shall not exceed 40 barrels per day. The maximum amount of gas which may be produced daily from the well shall be determined by Division Rules and Regulations or by the gas allowable for each respective prorated pool as printed in the Division's San Juan Basin Gas Proration Schedule.

FURTHER: The operator shall notify the Aztec District Office of the Division upon implementation of the commingling process.

Control Number: 015252

POINT OF DISPOSITION AND WELL COMPLETION INFORMATION

OGRID: 014538 Operator Name: MERIDIAN OIL INC
801 CHERRY ST

FORT WORTH

TX 76102

C-115 Filer Contact Name: _____

Phone: () _____

FAX: () _____

POD: 1509130 Product Type: GAS Facility Type: 01

Location: K 18 30N 10W County SAN JUAN

OGRID Name

OGRID Name

Authorized Transporter(s): 007057 EL PASO NATURAL GAS COMPANY

Description of POD (40 characters or less): _____

POD: 1509150 Product Type: WATER Facility Type: 05

Location: K 18 30N 10W County SAN JUAN

Description of POD (40 characters or less): _____

WELL COMPLETIONS

Code Pool Name

Code Producing Property Name

API Well No.

Location

Well

71599 BASIN DAKOTA (PRORATED GAS)

007491 SCHUMACHER

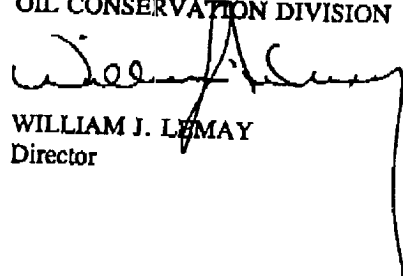
30-045-09480 K 18 30N 10W 011

Administrative Order DHC-930
Meridian Oil Company
September 27, 1993
Page 2

Pursuant to Rule 303-C-5, the commingling authority granted by the order may be rescinded by the Division Director if, in his opinion, conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 27th day of September, 1993.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


WILLIAM J. LEMAY
Director

S E A L

WJL/BES/amg

cc: Oil Conservation Division - Aztec
US Bureau of Land Management - Farmington

Control Number: 015251

POINT OF DISPOSITION AND WELL COMPLETION INFORMATION

OGRID: 014538 Operator Name: MERIDIAN OIL INC
801 CHERRY ST

FORT WORTH

TX 76102

C-115 Filer Contact Name: _____

Phone: ())

FAX: ())

POD: 1509010 Product Type: OIL Facility Type: 03

Location: N 17 30N 10W County SAN JUAN

OGRID Name

OGRID Name

Authorized Transporter(s): 014546 MERIDIAN OIL INC.

Description of POD (40 characters or less): _____

POD: 1509030 Product Type: GAS Facility Type: 01

Location: N 17 30N 10W County SAN JUAN

OGRID Name

OGRID Name

Authorized Transporter(s): 007057 EL PASO NATURAL GAS COMPANY

Description of POD (40 characters or less): _____

POD: 1509050 Product Type: WATER Facility Type: 05

Location: N 17 30N 10W County SAN JUAN

Description of POD (40 characters or less): _____

WELL COMPLETIONS

Code Pool Name

Code Producing Property Name

API Well No.

Location

Well

71599 BASIN DAKOTA (PRORATED GAS)

007491 SCHUMACHER

30-045-09441

N 17 30N 10W 012

JICARILLA 98 #12
NW/SE 18-26N-3W
Pictured Cliffs / Mesaverde Commingle
Production Allocation Method
 PC-MV NEW DRILL 100% GWI

Pictured Cliffs DP # 37961A
 Mesaverde DP # 37961B

$$Qpc(t) = Qtot(t) - Qmv(t)$$

12,628 = Initial Monthly MV Production
 0.46% = MV Monthly Decline

$Qtot(t)$ = TOTAL Production (Mcf/m)
 $Qmv(t)$ = MV Production (Mcf/m)
 $Qpc(t)$ = PC Production (Mcf/m)
 (t) = Month

Decline = $-\ln(1-De) = -\ln(1-0.5356) = 5.505\% / \text{year}$
 Monthly Decline = $5.505\% / 12 = 0.4588\%$

All volumes in (Mcf / month)

100% of oil is assigned to Mesaverde

Month	(t)	Qtot	De(t)	Qmv Calculated	Qmv Final	Qpc Final	Qmv Cum	Qmv Over/under	Qmv Deficit
Oct-94	0	18,756	1.000000	12,628	12,628	6,128	0	-6128	0
Nov-94	1	12,088	0.995423	12,570	12,088	0	0	482	482
Dec-94	2	9,513	0.990866	12,513	9,513	0	482	3482	3482
Jan-95	3	8,553	0.986330	12,455	8,553	0	3,482	7384	7384
Feb-95	4	4,410	0.981815	12,398	4,410	0	7,384	15373	15373
Mar-95	5	8,707	0.977321	12,342	8,707	0	15,373	19007	19007
Apr-95	6	6,218	0.972847	12,285	6,218	0	19,007	25074	25074
May-95	7	5,952	0.968394	12,229	5,952	0	25,074	31351	31351
Jun-95	8	4,421	0.963961	12,173	4,421	0	31,351	39103	39103
Jul-95	9	5,951	0.959549	12,117	5,951	0	39,103	45269	45269
Aug-95	10	5,655	0.955157	12,062	5,655	0	45,269	51676	51676
Sep-95	11	5,019	0.950784	12,007	5,019	0	51,676	58664	58664
Oct-95	12	5,043	0.946432	11,952	5,043	0	58,664	65572	65572
Nov-95	13	3,890	0.942100	11,897	3,890	0	65,572	73579	73579
Dec-95	13	0	0.000000	0	0	0	73,579	73579	73579
Jan-96	13	0	0.000000	0	0	0	73,579	73579	73579
Feb-96	13	0	0.000000	0	0	0	73,579	73579	73579
Mar-96	13	0	0.000000	0	0	0	73,579	73579	73579
Apr-96	13	0	0.000000	0	0	0	73,579	73579	73579
May-96	13	0	0.000000	0	0	0	73,579	73579	73579
Jun-96	13	0	0.000000	0	0	0	73,579	73579	73579
Jul-96	13	0	0.000000	0	0	0	73,579	73579	73579
Aug-96	13	0	0.000000	0	0	0	73,579	73579	73579
Sep-96	13	0	0.000000	0	0	0	73,579	73579	73579
Oct-96	13	0	0.000000	0	0	0	73,579	73579	73579
Nov-96	13	0	0.000000	0	0	0	73,579	73579	73579
Dec-96	13	0	0.000000	0	0	0	73,579	73579	73579
Jan-97	13	0	0.000000	0	0	0	73,579	73579	73579
Feb-97	13	0	0.000000	0	0	0	73,579	73579	73579
Mar-97	13	0	0.000000	0	0	0	73,579	73579	73579
Apr-97	13	0	0.000000	0	0	0	73,579	73579	73579
May-97	13	0	0.000000	0	0	0	73,579	73579	73579
Jun-97	13	0	0.000000	0	0	0	73,579	73579	73579
Jul-97	13	0	0.000000	0	0	0	73,579	73579	73579
Aug-97	13	0	0.000000	0	0	0	73,579	73579	73579
Sep-97	13	0	0.000000	0	0	0	73,579	73579	73579
Oct-97	13	0	0.000000	0	0	0	73,579	73579	73579
Nov-97	13	0	0.000000	0	0	0	73,579	73579	73579
Dec-97	13	0	0.000000	0	0	0	73,579	73579	73579
Jan-98	13		0.000000	0	0	0	73,579	73579	73579
Feb-98	13		0.000000	0	0	0	73,579	73579	73579

Control Number: 015250

POINT OF DISPOSITION AND WELL COMPLETION INFORMATION

OGRID: 014538 Operator Name: MERIDIAN OIL INC
801 CHERRY ST

FORT WORTH

TX 76102

C-115 Filer Contact Name: _____

Phone: () _____

FAX: () _____

POD: 1508910 Product Type: OIL Facility Type: 03

Location: H 26 32N 06W County RIO ARriba

OGRID Name

OGRID Name

Authorized Transporter(s): 014546 MERIDIAN OIL INC.

Description of POD (40 characters or less): _____

POD: 1508930 Product Type: GAS Facility Type: 01

Location: H 26 32N 06W County RIO ARriba

OGRID Name

OGRID Name

Authorized Transporter(s): 016191 NORTHWEST PIPELINE CORP.

Description of POD (40 characters or less): _____

POD: 1508950 Product Type: WATER Facility Type: 05

Location: H 26 32N 06W County RIO ARriba

Description of POD (40 characters or less): _____

WELL COMPLETIONS

Code Pool Name

Code Producing Property Name

API Well No.

Location

Well

71599 BASIN DAKOTA (PRORATED GAS)

007472 SAN JUAN 32 S UNIT

30-039-07990 H 26 32N 06W 014

active pool

API # doesn't exist in API 011

<u>Month</u>	<u>(t)</u>	<u>Qtot</u>	<u>De(t)</u>	<u>Qmv</u> <u>Calculated</u>	<u>Qmv</u> <u>Final</u>	<u>Qpc</u> <u>Final</u>	<u>Qmv</u> <u>Cum.</u>	<u>Qmv</u> <u>Over/under</u>	<u>Qmv</u> <u>Deficit</u>
Mar-98	13		0.000000	0	0	0	73,579	73579	73579
Apr-98	13		0.000000	0	0	0	73,579	73579	73579
May-98	13		0.000000	0	0	0	73,579	73579	73579
Jun-98	13		0.000000	0	0	0	73,579	73579	73579
Jul-98	13		0.000000	0	0	0	73,579	73579	73579

Control Number: 015249

POINT OF DISPOSITION AND WELL COMPLETION INFORMATION

OGRID: 014538 Operator Name: MERIDIAN OIL INC
801 CHERRY ST

FORT WORTH

TX 76102

C-115 Filer Contact Name: _____

Phone: () _____

FAX: () _____

POD: 1508810 Product Type: OIL Facility Type: 03

Location: C 26 32N 06W County RIO ARriba

OGRID Name

OGRID Name

Authorized Transporter(s): 014546 MERIDIAN OIL INC.

Description of POD (40 characters or less): _____

POD: 1508830 Product Type: GAS Facility Type: 01

Location: C 26 32N 06W County RIO ARriba

OGRID Name

OGRID Name

Authorized Transporter(s): 016191 NORTHWEST PIPELINE CORP.

Description of POD (40 characters or less): _____

POD: 1508850 Product Type: WATER Facility Type: 05

Location: C 26 32N 06W County RIO ARriba

Description of POD (40 characters or less): _____

WELL COMPLETIONS

Code Pool Name

Code Producing Property Name

API Well No.

Location

Well

71599 BASIN DAKOTA (PRORATED GAS)

007472 SAN JUAN 32 5 UNIT

30-039-07993 C 26 32N 06W 017