



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

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

WSS 326
cc: JEM
326

~~FILE HERE~~

OCT 1997

POST OFFICE BOX 2098
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5600

ADMINISTRATIVE ORDER DHC-929

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

Attention: Arden L. Walker, Jr.

RECEIVED
DEC - 9 1997

Jicarilla 98 Well No. 11-A
Unit F, Section 18, Township 26 North, Range 3 West, NMPM,
Rio Arriba County, New Mexico.
Blanco Mesaverde and Tapatio Pictured Cliffs Pools

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: 015256

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: 1509510 Product Type: OIL Facility Type: 03 Location: A 03 27N 09W County SAN JUAN

OGRID Name

OGRID Name

Authorized Transporter(s): 014546 MERIDIAN OIL INC.

Description of POD (40 characters or less): _____

POD: 1509530 Product Type: GAS Facility Type: 01 Location: A 03 27N 09W County SAN JUAN

OGRID Name

OGRID Name

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

Description of POD (40 characters or less): _____

POD: 1509550 Product Type: WATER Facility Type: 05 Location: A 03 27N 09W 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)

007614 TURNER HUGHES

30-045-06892 A 03 27N 09W 015

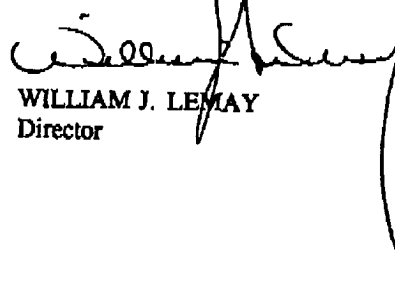
Blanco NW

*Administrative Order DHC-929
Meridian Oil Company
September 27, 1993
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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: 015255

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: 1509410 Product Type: OIL Facility Type: 03

Location: K 02 27N 09W County SAN JUAN

OGRID Name

OGRID Name

Authorized Transporter(s): 014546 MERIDIAN OIL INC.

Description of POD (40 characters or less): _____

POD: 1509430 Product Type: GAS Facility Type: 01

Location: K 02 27N 09W County SAN JUAN

OGRID Name

OGRID Name

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

Description of POD (40 characters or less): _____

POD: 1509450 Product Type: WATER Facility Type: 05

Location: K 02 27N 09W 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)

007611 TURNER B COM J

30-045-11813 K 02 27N 09W 016

JICARILLA 98 #11A
SE/NW 18-26N-3W
Pictured Cliffs / Mesaverde Commingle
Production Allocation Method
 PC-MV NEWDRILL 100% GWI

Pictured Cliffs DP # 37960A
 Mesaverde DP # 37960B

$$Q_{pc}(t) = Q_{tot}(t) - Q_{mv}(t)$$

6,621 = Initial Monthly MV Production
 0.46% = MV Monthly Decline

$Q_{tot}(t)$ = TOTAL Production (Mcf/m)
 $Q_{mv}(t)$ = MV Production (Mcf/m)
 $Q_{pc}(t)$ = PC Production (Mcf/m)
 (t) = Month

Decline = $-\ln(1-De) = -\ln(1-0.05356) = 5.505\% / \text{year}$
 Monthly Decline = $5.505\% / 12 = 0.4588\%$

All volumes in (Mcf / month)

100% of oil is assigned to Mesaverde

Month	(t)	<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>
Oct-94	0	9,926	1.000000	5,621	6,621	3,305	0	-3305	0
Nov-94	1	8,405	0.995423	6,591	6,591	1,814	0	-1814	0
Dec-94	2	7,147	0.990866	6,561	6,561	586	0	-586	0
Jan-95	3	7,360	0.986330	6,530	6,530	830	0	-830	0
Feb-95	4	5,492	0.981815	6,501	5,492	0	0	1009	1009
Mar-95	5	6,715	0.977321	6,471	6,715	0	1,009	764	764
Apr-95	6	5,678	0.972847	6,441	5,678	0	764	1528	1528
May-95	7	6,028	0.968394	6,412	6,028	0	1,528	1911	1911
Jun-95	8	4,257	0.963961	6,382	4,257	0	1,911	4037	4037
Jul-95	9	4,751	0.959549	6,353	4,751	0	4,037	5639	5639
Aug-95	10	5,069	0.955157	6,324	5,069	0	5,639	6894	6894
Sep-95	11	4,521	0.950784	6,295	4,521	0	6,894	8668	8668
Oct-95	12	4,155	0.946432	6,266	4,155	0	8,668	10780	10780
Nov-95	13	3,119	0.942100	6,236	3,119	0	10,780	13898	13898
Dec-95	13	0	0.000000	0	0	0	13,898	13898	13898
Jan-96	13	0	0.000000	0	0	0	13,898	13898	13898
Feb-96	13	0	0.000000	0	0	0	13,898	13898	13898
Mar-96	13	0	0.000000	0	0	0	13,898	13898	13898
Apr-96	13	0	0.000000	0	0	0	13,898	13898	13898
May-96	13	0	0.000000	0	0	0	13,898	13898	13898
Jun-96	13	0	0.000000	0	0	0	13,898	13898	13898
Jul-96	13	0	0.000000	0	0	0	13,898	13898	13898
Aug-96	13	0	0.000000	0	0	0	13,898	13898	13898
Sep-96	13	0	0.000000	0	0	0	13,898	13898	13898
Oct-96	13	0	0.000000	0	0	0	13,898	13898	13898
Nov-96	13	0	0.000000	0	0	0	13,898	13898	13898
Dec-96	13	0	0.000000	0	0	0	13,898	13898	13898
Jan-97	13	0	0.000000	0	0	0	13,898	13898	13898
Feb-97	13	0	0.000000	0	0	0	13,898	13898	13898
Mar-97	13	0	0.000000	0	0	0	13,898	13898	13898
Apr-97	13	0	0.000000	0	0	0	13,898	13898	13898
May-97	13	0	0.000000	0	0	0	13,898	13898	13898
Jun-97	13	0	0.000000	0	0	0	13,898	13898	13898
Jul-97	13	0	0.000000	0	0	0	13,898	13898	13898
Aug-97	13	0	0.000000	0	0	0	13,898	13898	13898
Sep-97	13	0	0.000000	0	0	0	13,898	13898	13898
Oct-97	13	0	0.000000	0	0	0	13,898	13898	13898
Nov-97	13	0	0.000000	0	0	0	13,898	13898	13898
Dec-97	13	0	0.000000	0	0	0	13,898	13898	13898
Jan-98	13	0	0.000000	0	0	0	13,898	13898	13898
Feb-98	13	0	0.000000	0	0	0	13,898	13898	13898

Control Number: 015254

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: 1509310 Product Type: OIL Facility Type: 03

Location: F 01 29N 10W County SAN JUAN

OGRID Name

OGRID Name

Authorized Transporter(s): 014546 MERIDIAN OIL INC.

Description of POD (40 characters or less): _____

POD: 1509330 Product Type: GAS Facility Type: 01

Location: F 01 29N 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: 1509350 Product Type: WATER Facility Type: 05

Location: F 01 29N 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)

007568 SUNRAY F

30-045-20361 F 01 29N 10W 003

<u>Month</u>	<u>(t)</u>	<u>Qtot</u>	<u>De(t)</u>	<u>Qmv Calculated</u>	<u>Qmv Final</u>	<u>Qpc Final</u>	<u>Qmv Cum.</u>	<u>Qmv Over/under</u>	<u>Qmv Deficit</u>
Mar-98	13		0.000000	0	0	0	13,898	13898	13898
Apr-98	13		0.000000	0	0	0	13,898	13898	13898
May-98	13		0.000000	0	0	0	13,898	13898	13898
Jun-98	13		0.000000	0	0	0	13,898	13898	13898
Jul-98	13		0.000000	0	0	0	13,898	13898	13898

Control Number: 015253

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: 1509210 Product Type: OIL Facility Type: 03

Location: M 21 30N 10W County SAN JUAN

OGRID Name

OGRID Name

Authorized Transporter(s): 014546 MERIDIAN OIL INC.

Description of POD (40 characters or less): _____

POD: 1509230 Product Type: GAS Facility Type: 01

Location: M 21 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: 1509250 Product Type: WATER Facility Type: 05

Location: M 21 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)

007566 SUNRAY D

30-045-09295

M 21 30N 10W 001