

See attachment in Order file DTC
NSK ✓

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

**IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:**

**CASE NO. 11349
Order No. R-10476**

**APPLICATION OF CONOCO INC. FOR
DOWNHOLE COMMINGLING AND FOR TWO
UNORTHODOX GAS WELL LOCATIONS, RIO
ARRIBA COUNTY, NEW MEXICO.**

RECEIVED
OCT 10 1995
OIL CON. DIV.
DIST. 3

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on July 27, 1995, at Santa Fe, New Mexico, before Examiner David R. Catanach.

NOW, on this 6th day of October, 1995, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

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

(2) The applicant, Conoco Inc., seeks approval to commingle gas production from the Basin-Dakota and Blanco-Mesaverde Gas Pools within fourteen (14) existing Basin-Dakota Gas Pool wells, and within seventeen (17) wells to be subsequently drilled as Dakota-Mesaverde commingled completions, all as shown on Exhibit "A" attached hereto, and all located within its San Juan 28-7 Unit located in portions of Townships 27 and 28 North, Range 7 West, NMPM, Rio Arriba County, New Mexico.

CASE NO. 11349

Order No. R-10476

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JAN - 4 1986

OIL CON. DIV.
DIST. 3

EXHIBIT "A"
DIVISION CASE NO. 11349
ORDER NO. R- 10476
EXISTING WELLS

<u>WELL NAME & NUMBER</u>	<u>WELL LOCATION</u>
San Juan 28-7 Unit No. 242E ✓	900' FSL & 800' FWL (M) 7-28N-7W
San Juan 28-7 Unit No. 233 ✓	1460' FNL & 1000' FWL (E) 14-28N-7W
San Juan 28-7 Unit No. 255 ✓	1890' FNL & 1130' FWL (E) 15-28N-7W
San Juan 28-7 Unit No. 255E ✓	1540' FSL & 800' FWL (L) 15-28N-7W
San Juan 28-7 Unit No. 234 ✓	2150' FSL & 1840' FEL (J) 15-28N-7W
San Juan 28-7 Unit No. 231 ✓	1495' FNL & 875' FWL (E) 16-28N-7W
San Juan 28-7 Unit No. 231E ✓	1915' FSL & 1930' FWL (K) 16-28N-7W
San Juan 28-7 Unit No. 195 ✓	1550' FSL & 1840' FEL (J) 16-28N-7W
San Juan 28-7 Unit No. 239 ✓	2080' FSL & 950' FWL (L) 17-28N-7W
San Juan 28-7 Unit No. 257E ✓	990' FSL & 1850' FEL (O) 19-28N-7W
San Juan 28-7 Unit No. 194E ✓	1670' FSL & 1060' FEL (I) 21-28N-7W
San Juan 28-7 Unit No. 252 ✓	79' FNL & 1850' FWL (C) 32-28N-7W
San Juan 28-7 Unit No. 192 ✓	736' FNL & 990' FWL (D) 33-28N-7W
San Juan 28-7 Unit No. 191 ✓	890' FSL & 1780' FEL (O) 33-28N-7W

WELLS TO BE DRILLED

San Juan 28-7 Unit No. 159M	1550' FSL & 1850' FEL (J) 22-28N-7W
San Juan 28-7 Unit No. 258M ✓	1523' FNL & 933' FWL (E) 23-28N-7W
San Juan 28-7 Unit No. 259M ✓	790' FNL & 960' FWL (D) 24-28N-7W
San Juan 28-7 Unit No. 222M ✓	916' FNL & 813' FWL (D) 25-28N-7W
San Juan 28-7 Unit No. 188M ✓	1640' FNL & 1530' FWL (F) 26-28N-7W
San Juan 28-7 Unit No. 223M	830' FSL & 930' FEL (P) 26-28N-7W
San Juan 28-7 Unit No. 230M <i>none</i>	1190' FSL & 870' FEL (P) 29-28N-7W
San Juan 28-7 Unit No. 131M ✓	1150' FNL & 1055' FWL (D) 34-28N-7W
San Juan 28-7 Unit No. 225M ✓	830' FSL & 930' FEL (P) 34-28N-7W
San Juan 28-7 Unit No. 183M <i>none</i>	870' FSL & 1480' FEL (O) 1-27N-7W
San Juan 28-7 Unit No. 130M ✓	808' FNL & 1182' FWL (D) 2-27N-7W
San Juan 28-7 Unit No. 182M <i>none</i>	1610' FSL & 1674' FEL (J) 3-27N-7W
San Juan 28-7 Unit No. 156M <i>none</i>	1028' FSL & 1872' FEL (O) 10-27N-7W
San Juan 28-7 Unit No. 124M <i>"</i>	1170' FNL & 1842' FWL (C) 11-27N-7W
San Juan 28-7 Unit No. 157M <i>**</i>	798' FSL & 712' FEL (P) 11-27N-7W
San Juan 28-7 Unit No. 125M <i>**</i>	580' FNL & 1140' FWL (D) 12-27N-7W
San Juan 28-7 Unit No. 132M <i>none</i>	1488' FNL & 1100' FWL (E) 15-27N-7W

** - Unorthodox gas well locations as described in Finding No. (3) above.



**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT**

AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-8170 FAX (505) 334-8170

GARY E. JOHNSON
GOVERNOR

JENNIFER A. SALISBURY
CABINET SECRETARY

August 23, 1996

Mr Jerry Hoover
Senior Conservation Coordinator
Conoco Inc
10 Desta Dr Ste 100W
Midland TX 79705-4500

Re: San Juan 28-7 Unit #255, 30-039-21721, E-¹⁵~~33~~-28N-07W

Dear Jerry:

I received your letter dated June 4, 1996, in which you detailed mid-year production projections. Your recommended allocation based on annual mid-year production projections for the existing Basin Dakota and your attribution of any production over these projections to the Blanco Mesaverde is hereby approved for the referenced well.

Yours truly,

Ernie Busch
District Geologist/Deputy O&G Inspector

EB/sh

cc: well file

SAN JUAN 28-7 UNIT NO. 255 DAKOTA PRODUCTION

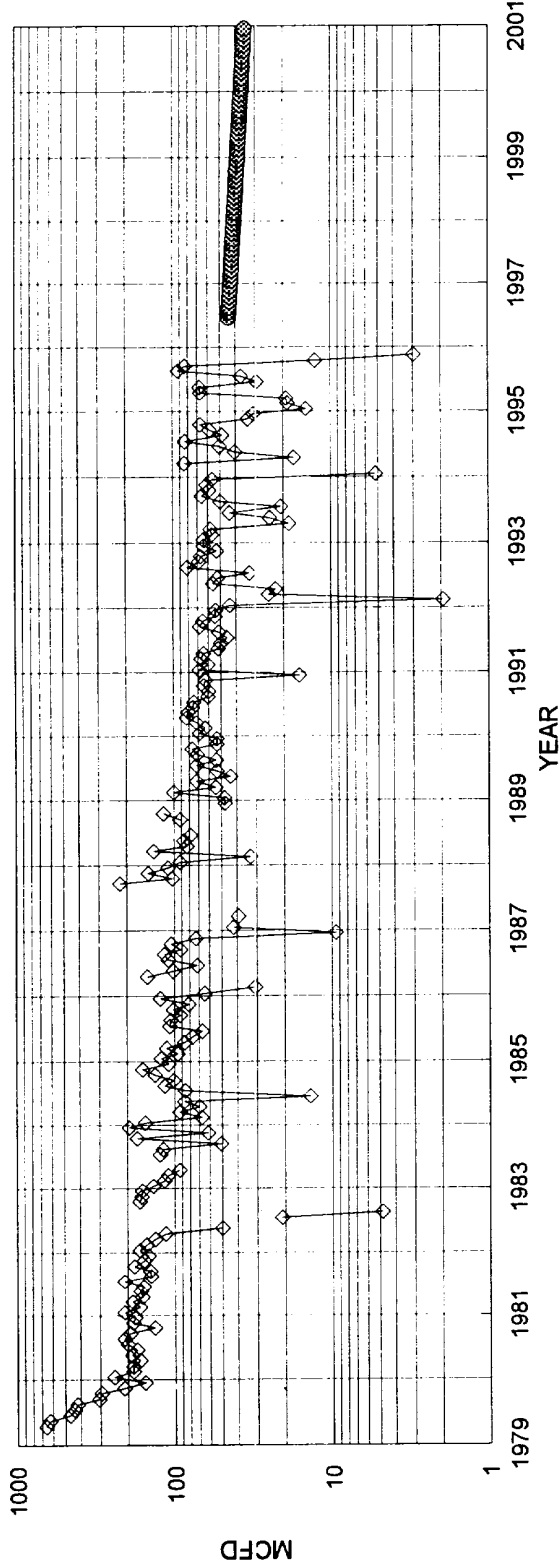
Unit E, Sec. ¹⁵~~33~~, T-28N, R-7W

ANNUAL MID-YEAR DAKOTA PRODUCTION RATES TO ABANDONMENT

@ 5 % Annual Decline

YEAR	Mid-Year Avg. MCFGPD	Mid-Year Avg. BOPD
1996	43	0.12
1997	41	0.11
1998	39	0.11
1999	37	0.10
2000	35	0.10
2001	33	0.09
2002	32	0.09
2003	30	0.08
2004	29	0.08
2005	27	0.08
2006	26	0.07
2007	24	0.07
2008	23	0.06
2009	22	0.06
2010	21	0.06
2011	20	0.06
2012	19	0.05
2013	18	0.05
2014	17	0.05
2015	16	0.05
2016	15	0.04
2017	15	0.04
2018	14	0.04
2019	13	0.04
2020	13	0.04
2021	12	0.03
2022	11	0.03
2023	11	0.03
2024	10	0.03
2025	10	0.03

SAN JUAN 28-7 UNIT NO. 255 DAKOTA PRODUCTION
SECTION 15E-28N-07W



◇ DAKOTA MCFD — FIT MCFD

DAKOTA HISTORICAL DATA:		1ST PROD: 479
OIL CUM:	1.60 MBO	
GAS CUM:	582.9 MMCF	
OIL YIELD:	0.0027 BBL/MCF	

DAKOTA PROJECTED DATA		44 MCFD
6/1/96 Qi:	5.0% (EXPONENTIAL)	
DECLINE RATE:		

*1996 AVG IS FOR 2ND HALF OF YEAR

YEAR	MID-YEAR AVG. MCFD	MID-YEAR AVG. BOPD
1996*	43	0.12
1997	41	0.11
1998	39	0.11
1999	37	0.10
2000	35	0.10

CONTINUE DECLINE UNTIL ABANDONMENT

PRODUCTION FORECAST FOR SUBTARCTION METHOD COMMINGLE ALLOCATION

Dwights

Lease: SAN JUAN 28 7 UNIT 000255

Retrieval Code: 251,039,28N07W15E00DK

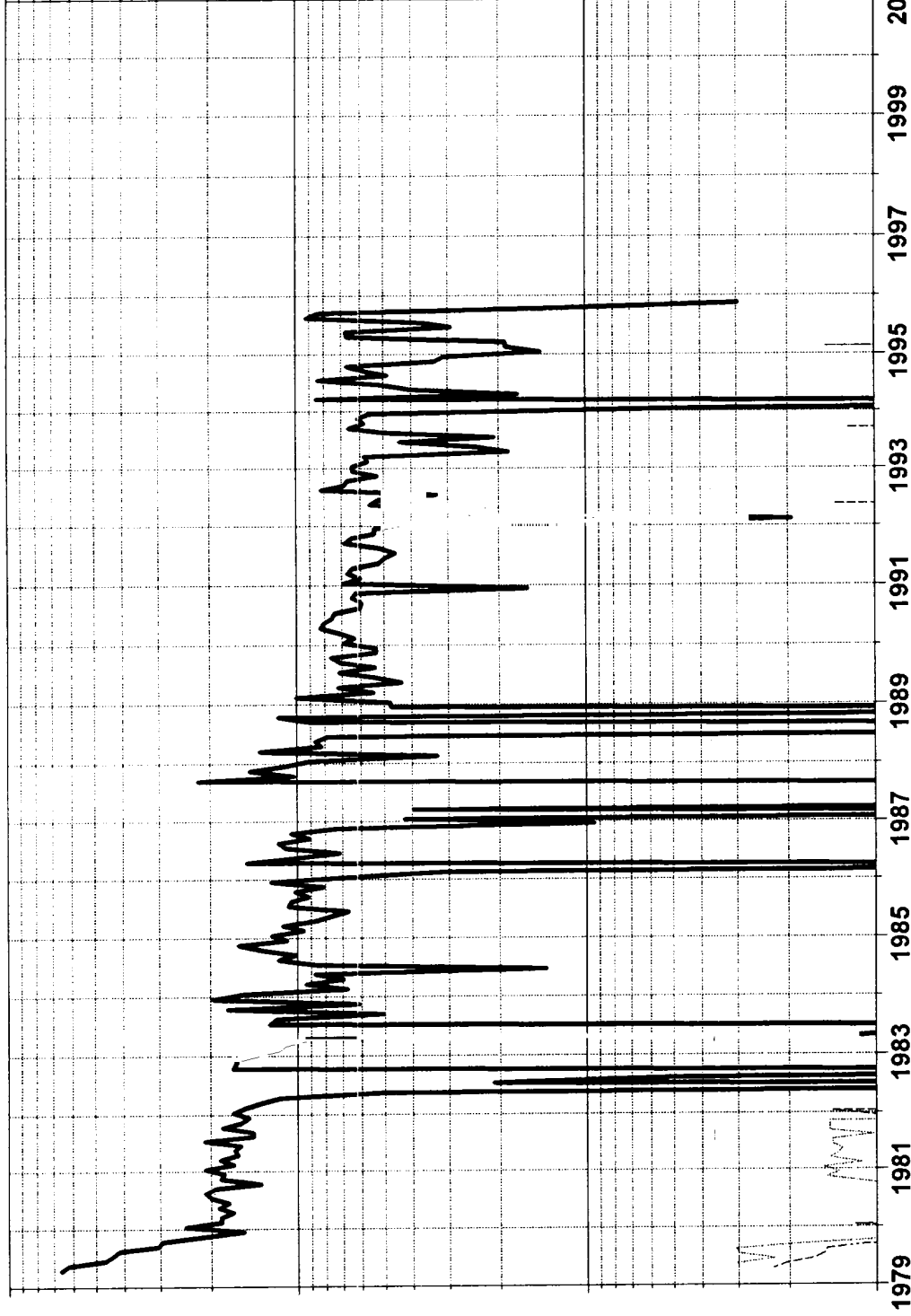
05/29/96

10³
10³
10³

10²
10²
10²

10
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1
1



Gas (mcf/day)

Water (bbl/day)

Oil (bbl/day)

Well Count

F.P. Date: 04/79

Oil Cum: 1602 bbl

Gas Cum: 582.9 mmcf

Location: 15E 28N 7W

County: RIO ARRIBA, NM

Field: BASIN (DAKOTA) DK

Reservoir: DAKOTA

Operator: CONOCO INC