

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
CONOCO, INC.

3a. Address
P.O. BOX 2197 DU 3084HOUSTONTX77252

3b. Phone No. (include area code)
(281)293-1005

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec. 20, T28N, R7W, Unit Ltr. G
1765' FNL & 1490' FEL

5. Lease Serial No.

NMSF 078417

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

SAN JUAN 28-7 UNIT #232

9. API Well No.

30-039-20993

10. Field and Pool, or Exploratory Area

Blanco Mesaverde/Basin Dakota

11. County or Parish, State

RIO ARRIBA

New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/ Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>DHC</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Conoco proposes to recomplete this well and downhole commingle as per the attached.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)
DEBORAH MARBERRY

Title
REGULATORY ANALYST

Signature

Date
01/25/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ Jim Lovato

Title

Petr. Eng.

Date

1/31/02

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

BLM- FFO

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

NMOC

SAN JUAN 28-7 UNIT #232
Recomplete to Mesaverde and DHC with Dakota
September 5, 2001
PEER REVIEWED, 9/13/01-CEM

API# 300392099300 **Location:** NMPM -28N-7W-27-M, 800' FSL, 800' FWL

Objective

This project is to recomplete this well to Mesa Verde Cliff House, Menefee, and Point Lookout, Intervals and down hole commingle with Dakota production. Multi stage fracture stimulation will be performed to enhance production. Stabilized test will be performed prior to commingling production. Dakota interval will be reperforated with 4 SPF to improve Dakota production. Small tubing currently in the well will be replaced with 2.-3/8" tubing and landed at 7150' with plunger lift to optimize production. Dakota formation in this well is currently producing 10 Mcfgd, estimated project uplift from Mesa Verde is 300 Mcfgd.

The following are the recommended Mesa Verde intervals:

Cliff House: 4406' – 4418', 4424' – 4448', 4455' – 4473', 4493' – 4503', 4510' – 4555', total 111'.

Menefee: 4654' – 4687', 4701' – 4711', 4717' – 4729', 4758' – 4768', 4833' – 4852', 4854' – 4859', 4877' – 4892', total 105'.

Point Lookout: 4976' – 4994', 4999' – 5021', 5022' – 5029', 5047' – 5052', 5068' – 5073', 5078' – 5086', 5090' – 5099', 5106' – 5111', 5125' – 5131', 5159' – 5168', 5225' – 5231', total 102'.

Well Data : PBDT @ 7268', TD @ 7276' Spud date 10/24/74

Surface Casing: 9.625", 32.3#, H-40, 7 jts., set @ 240', cemented to surface

Intermediate Casing: 7", 23#, K-55, 68 jts., set @ 2996', TOC @ 1900' by TS.

Production Casing: 4.5"OD, 10.5#, K-55, 183 joints, set @ 7276', TOC @ 2200' by TS.

DK Perforations are @ 7048' – 7249'

Tubing size: 1.902" OD, 2.9#, landed @ 7225', with a check valve on bottom and SN one joint up from bottom.

Completion details contained in Wellview files and schematics.

Procedure

- 1) Move in workover rig, hold safety meeting, note prevailing wind direction at location, designate muster point, review procedure, identify potential hazards, isolate lines and facilities, blow down lines, lock out tag out, spot equipment, rig up, WORK SAFELY!
- 2) Kill tubing with minimum amount of KCl, and POOH 1.902" OD tubing laying down.

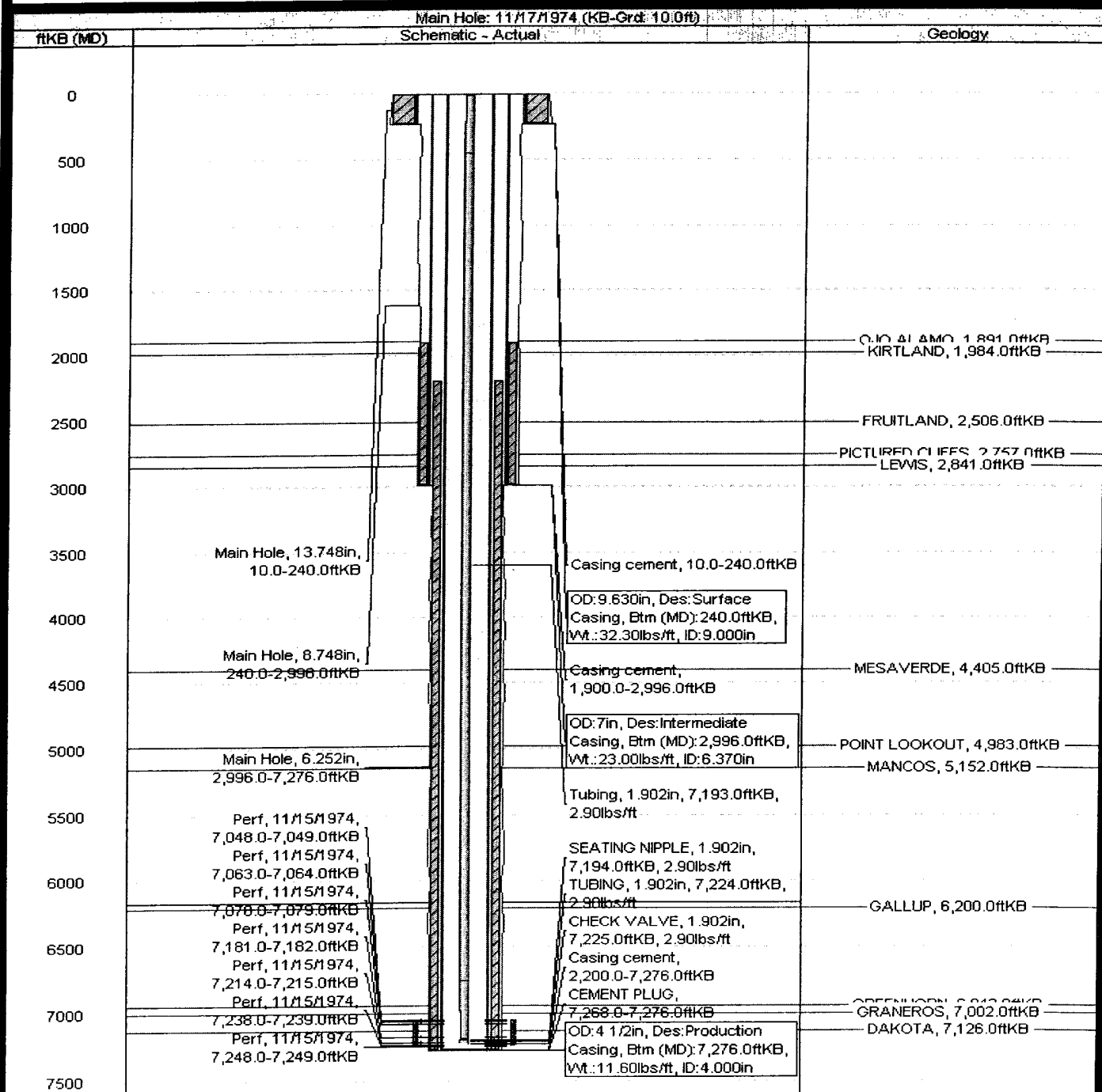
- 3) RIH with CIBP and set at 5300', bottom of Point Lookout @ 5231'. Load hole and pressure test plug/casing to 1000 psi. POOH
- 4) RIH wireline and run CBL log from 5250' to TOC (1900' by TS) to locate cement top and to ensure sufficient coverage/isolation. If leaks detected RIH and isolate interval, call Houston engineering to decide on path forward (cement squeeze or back off and replace upper casing) since records indicate no cement in upper wellbore. BE PREPARED TO PRESSURE UP CBL LOG to 1000 psi, in event of microannulus. After log, and no squeeze necessary, repressure test casing/plug to 3000 psi (check w/ Lucas to determine what maximum pressure required, within limits of casing).
- 5) RIH wireline perforating gun, perforate as per Lucas Bazan's procedure.
- 6) Rig up stimulation company and frac as per Lucas Bazan's procedure
- 7) Pick up 2-3/8" tubing RIH and cleanout/unload; obtain 4 hr stabilized C-104 test and report to Christine Valvatne and Yolanda Perez. After test, drill out BP over DK @ 5,300'. Clean out to PBTD @ 7,268' unload hole and POOH stripping out, lay down bit (and drill collars if used).
- 8) Rig up wireline, RIH and re-perforate DK with 4 SPF at following depths: 7249' – 7248', 7239' – 7238', 7215' – 7214', 7182' – 7181', 7079' – 7078', 7064' – 7063', 7049' – 7048', POOH wireline and rig down
- 9) RIH 2-3/8" production tubing and land at depth of 7150' + or - with SN and mule shoe on bottom. Unload well with air package, (blow spent acid out). Notify operator of commingle status and to resume plunger lift production.

San Juan East Team (drw)

Cc: Central Records, and 3 Copies to Farmington Project Leads.

Current Schematic

API	300392099300	Field Name	BASIN DK	Area	EAST	Operator	County	RIO ARRIBA	State/Province	NEW MEXICO	
KB Elev (ft)	6159.00	Ground Elev (ft)	6149.00	Casing Flange Elev (ft)	6149.00	KB-Ground Distance (ft)	10.00	KB-Casing Flange Distance (ft)	10.00	Spud Date	10/24/1974



Submit 3 Copies To Appropriate District
Office

District I

1625 N. French Dr., Hobbs, NM 87240

District II

811 South First, Artesia, NM 87210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, NM 87505

Form C-103

Revised March 25, 1999

WELL API NO.

30-039-20993

5. Indicate Type of Lease

STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unti Agreement Name
SAN JUAN 28-7 UNIT

8. Well No. 232

9. Pool name or Wildcat
Blanco Mesaverde/Basin Dakota

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH
PROPOSALS.)

1. Type of Well:

Oil Well ☐ Gas Well ☒ Other

2. Name of Operator CONOCO, INC.

3. Address of Operator P.O. BOX 2197 DU 3084HOUSTONTX77252

4. Well Location

Unit Letter G 1765 feet from the NORTH line and 1490 feet from the EAST line

Section 20

Township 28N

Range 7W

NMPM

County RIO ARRIBA

10. Elevation (Show whether DR. RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: DHC ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOBS ☐

OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and proposed work). SEE RULE 1103. For Multiple Completions: Attach diagram of proposed completion or recompletion.

In reference to Order #R-11363 Conoco proposes to downhole commingle in the Blanco Mesaverde and Basin Dakota.

Perforations are:

Blanco Mesaverde 4406' - 5200'

Basin Dakota 7048' - 7248'

Allocation will be by subtraction (see attached)

Commingling in this well will not reduce the value of the remaining production.

BLM has been notified of our intent.

In reference to Order #R-10476-B interest owners were not notified.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Deborah Marberry TITLE REGULATORY ANALYST DATE 01/25/2002

Type or print name DEBORAH MARBERRY

Telephone No. (281)293-1005

(This space for State use)

APPROVED BY _____ TITLE _____ DATE _____

Conditions of approval, if any:

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name	
30-039-20993		72319		BLANCO MESAVERDE	
4 Property Code		5 Property Name			6 Well Number
016608		SAN JUAN 28-7 UNIT			232
7 OGRID No.		8 Operator Name			9 Elevation
005073		CONOCO, INC.			

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	20	28N	7W		1765	NORTH	1490	EAST	RIO ARRIBA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres	13 Joint or Infill I	14 Consolidation Code U	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

[illegible]

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-20993		2 Pool Code 71599		3 Pool Name Basin Dakota	
4 Property Code 016608		5 Property Name SAN JUAN 28-7 UNIT			6 Well Number 232
7 OGRID No. 005073		8 Operator Name CONOCO, INC.			9 Elevation

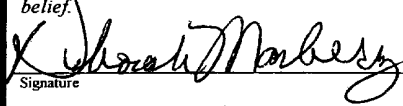
10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	20	28N	7W		1765	NORTH	1490	EAST	RIO ARRIBA

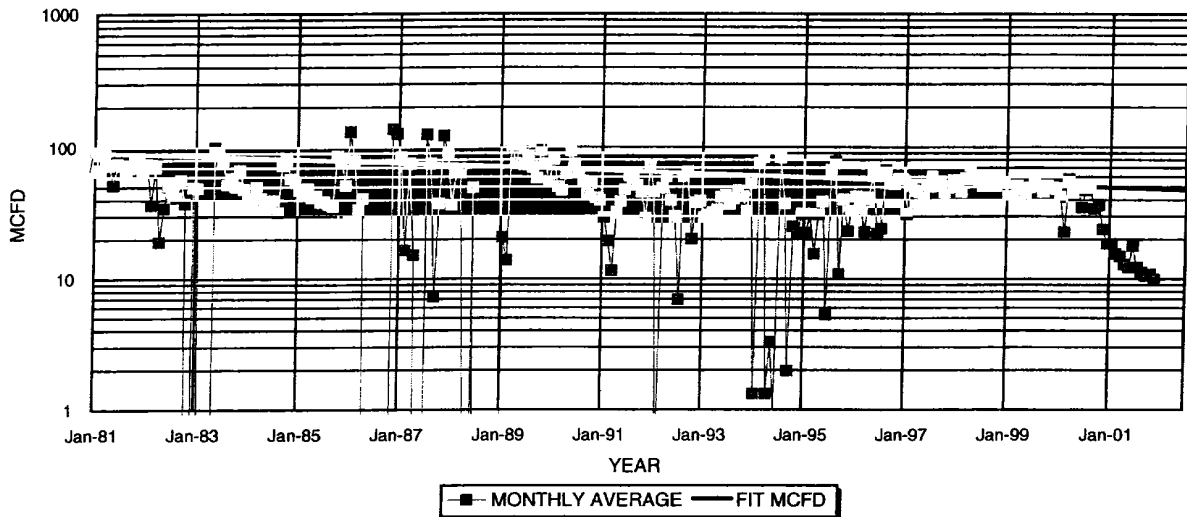
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres		13 Joint or Infill I		14 Consolidation Code U		15 Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16									
									17 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature DEBORAH MARBERRY Printed Name REGULATORY ANALYST Title 01/04/2001 Date
									18 SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

**SJ 28-7 #232 DAKOTA PRODUCTION
SECTION 20-28N-07W, RIO ARriba COUNTY, NEW MEXICO**



DAKOTA PRODUCTION		1ST PROD: 02/75	DAKOTA PROJECTED DATA	
OIL CUM:	4.26	MBO	Jan '01 Qi:	50 MCFD
GAS CUM:	624.5	MMCF	DECLINE RATE:	3.0% (EXPONENTIAL)
OIL YIELD:	6.8215	BBL/MMCF	API #30-039-20993	

PRODUCTION FORECAST FOR SUBTRACTION METHOD COMMINGLE ALLOCATION

NOTE: Decline rate is approximately 3.0%/year with well producing at it's potential.
Reperforation of the DK zone is expected to regain the production potential of this well.
Production data from PEEP.

YEAR	MID-YEAR AVG. MCFD	MID-YEAR AVG. BOPD
2001	49	0.3
2002	47	0.3
2003	46	0.3
2004	45	0.3
2005	43	0.3
2006	42	0.3
2007	41	0.3
2008	39	0.3
2009	38	0.3
2010	37	0.3
2011	36	0.2
2012	35	0.2
2013	34	0.2
2014	33	0.2
2015	32	0.2
2016	31	0.2
2017	30	0.2
2018	29	0.2
2019	28	0.2
2020	27	0.2
2021	27	0.2
2022	26	0.2
2023	25	0.2
2024	24	0.2
2025	24	0.2
2026	23	0.2
2027	22	0.2
2028	21	0.1
2029	21	0.1
2030	20	0.1
2031	20	0.1