

Submit 3 Copies To Appropriate District Office
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
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-045-24941
5. Indicate Type of Lease STATE ☒ FEE
6. State Oil & Gas Lease No.

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.)		7. Lease Name or Unit Agreement Name: Coldiron Com A
1. Type of Well: Oil Well ☐ Gas Well ☒ Other		
2. Name of Operator BP America Production Company Attn: Mary Corley	8. Well No. 1M	
3. Address of Operator P.O. Box 3092 Houston, TX 77253	9. Pool name or Wildcat Blanco Mesaverde & Basin Dakota	
4. Well Location Unit Letter F 1720 feet from the North line and 1545 feet from the West line Section 02 Township 30N Range 11W NMPM San Juan County 10. Elevation (Show whether DR, RKB, RT, GR, etc.) 5812' KB		

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: AddPay in Mesaverde & Downhole Commingle ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐

OTHER: ☐

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

BP America Production Company request permission to convert the subject well from a dual string completion to a single string completion, Add Pay and Fracture Stimulate in the Mesaverde Pool, and commingle production downhole from the Basin Dakota & Blanco Mesaverde Pools as per the attached procedure.

The Basin Dakota (71599) & the Blanco Mesaverde (72319) Pools are Pre-Approved for Downhole Commingling per NMOCD Order R - 11363. The working and overriding royalty interest owners in the proposed commingled pools are not identical, and are, therefore being notification of this application via certified mail (return receipt). Additionally, notice has been submitted to State Land Office.

Since the Dakota has been off production from April 2001 thru March 2002 and because we intend to add pay and fracture stimulate the Mesaverde, we propose that production to be allocated based on the subtraction method using the projected future decline for production from the Dakota utilizing production from year 2000. That production shall serve as a base for production subtracted from the total production for the commingled well. The balance of the production will be attributed to the Mesaverde. Attached is the future production decline estimates for the Dakota.

Commingling Production Downhole in the subject well from the proposed pools with not reduce the value of the total remaining production.

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

SIGNATURE Mary Corley TITLE Sr. Regulatory Analyst DATE 09-10-2002

Type or print name Mary Corley Telephone No. 281-366-4491

(This space for State use)

APPROVED BY Original [Signature] TITLE DEPUTY OIL & GAS INSPECTOR DATE SEP 11 2002

Conditions of approval, if any:

Coldiron Com A #1M Payadd Procedure
T30N-R11W-Sec2
API #: 30-045-24941

1. Check anchors. MIRU workover rig.
2. Kill with 2% KCL water if necessary. Nipple down WH. NU BOPs.
3. Tally OH with short string and long string of 2-3/8" production tubing visually inspect for potential hole and scale.
4. Drill-out Baker Model D packer and TOH with packer (set at 6690').
5. TIH with bit and scraper for 7" casing to top of liner @ 4342' and scraper for 4-1/2" casing to 4532'.
6. RIH with 4 1/2" CIBP. Set CIBP at 4532'. Load hole with 2% KCL.
7. Pressure test to 1500 psi
8. Run GR/CBL log over Menefee and Lewis Shale
9. RIH with 3-1/8" casing guns with Schlumberger's Prospector, select-fire charge. Perforate Menefee formation (correlate to GR log).
10. Install wellhead isolation tool.
11. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
12. Flowback frac immediately.
13. RIH with 7" CIBP set at depth TBD after logging.
14. RIH with 4-1/2" casing guns with Schlumberger's Prospector, select-fire charge. Perforate Lewis Shale formation (correlate to GR log).
15. RU frac equipment and install wellhead isolation tool. Use 2% KCL-N2 foam in fracture stimulation.
16. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule. Flush frac with foam.
17. Flowback frac immediately.
18. TIH with tubing and bit. Cleanout fill and drill bridge plugs set at (TBD from logging) and 4532'. Cleanout fill to PBD at 6983'. Blow well dry at PBD.
19. Land single string of 2-3/8" production tubing at 6850'.
20. Swab water from the tubing w/ sandline.
21. ND BOP's. NU WH. Test well for air. Return well to production.

Coldiron Com A #1M

Sec 2, T30N, R11W

API #: 30-04524941

History:

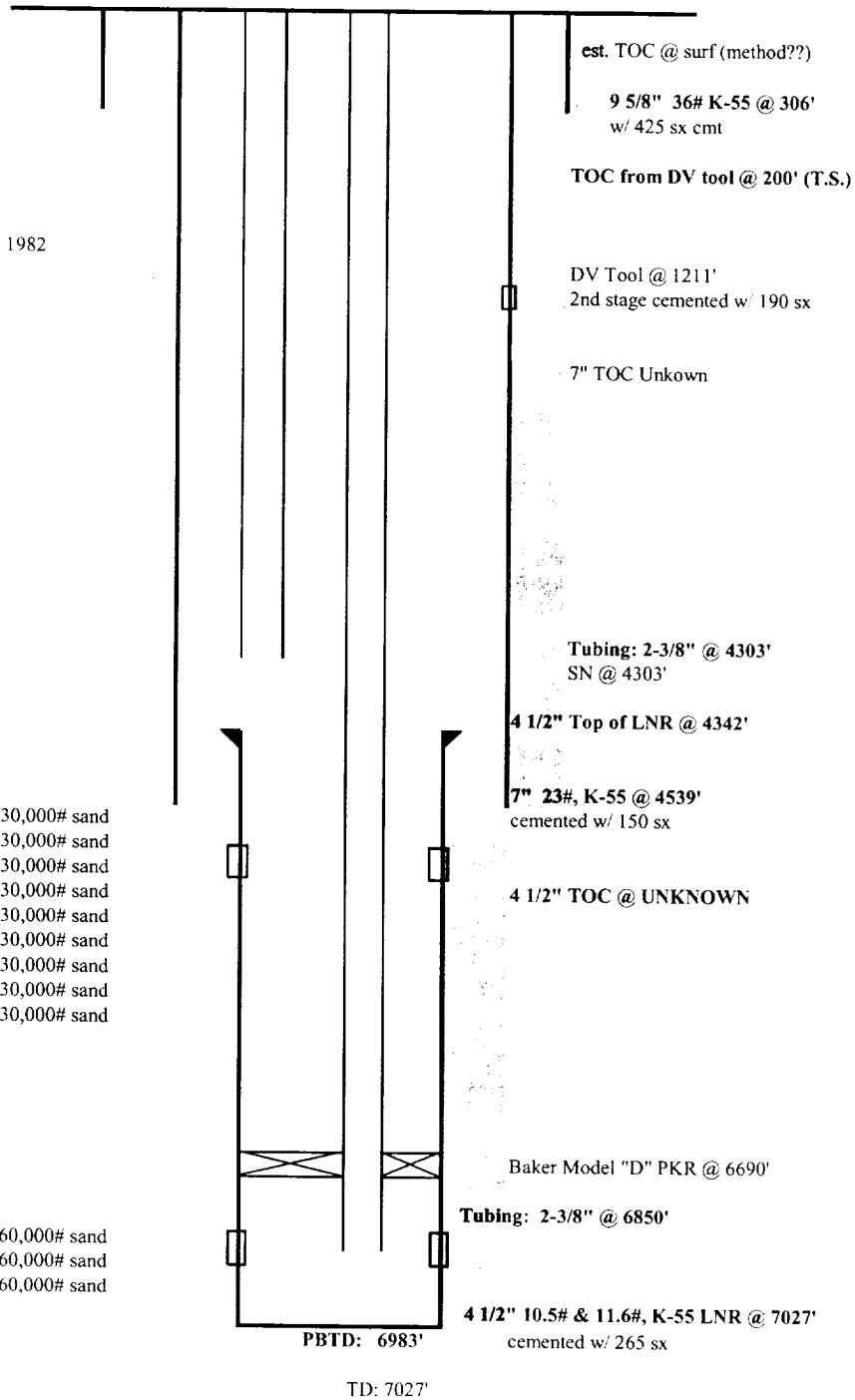
- Drilled and dual completed in 1982

MV perforations

4636 - 4644', 1 SPF, frac'd w/ 130,000# sand
4651 - 4655', 1 SPF, frac'd w/ 130,000# sand
4661 - 4665', 1 SPF, frac'd w/ 130,000# sand
4672 - 4675', 1 SPF, frac'd w/ 130,000# sand
4680 - 4690', 1 SPF, frac'd w/ 130,000# sand
4701 - 4707', 1 SPF, frac'd w/ 130,000# sand
4720 - 4724', 1 SPF, frac'd w/ 130,000# sand
4759 - 4766', 1 SPF, frac'd w/ 130,000# sand
4862 - 4868', 1 SPF, frac'd w/ 130,000# sand

DK Perfs

6736 - 6748', 1 SPF, frac'd w/ 160,000# sand
6818 - 6843', 1 SPF, frac'd w/ 160,000# sand
6904 - 6910', 1 SPF, frac'd w/ 160,000# sand



updated: 05/28/02 MNP

BEASLEY, DELMA JEANNE
2831 S PEACH HOLLOW CIR
PEARLAND, TX, 77584-2031

BELL, COY
1144 W PICACHO
LAS CRUCES, NM, 88005-2230

BELL, H BRIAN
4706 N MIDKIFF, #281
MIDLAND, TX, 79705

BELL, JAMES C, JR
111 MARK ST
GRANBURY, TX, 76048-2249

BELL, ROSS
1144 W PICACHO
LAS CRUCES, NM, 88005-2230

BELL, WILLIAM BURKE
3218 ROSETTI DR
SAN ANTONIO, TX, 78247-5105

BP AMERICA PRODUCTION COMPANY
(918) 925-6883
P O BOX 591
TULSA, OK, 74102-0591

BURLINGTON RESOURCES OIL AND GAS CO
PO BOX 840656
DALLAS, TX, 75284-0656

CALLOWAY, PAUL C, TRUST
PAUL C CALLOWAY TRUSTEE
9869 N 110 AVE
SUN CITY, AZ, 85351-4356

CHATTERSON, JACK, SR
319 EAST VAN WAGENEN STREET
HENDERSON, NV, 89015-7375

DAVIS, DONNA JOHNSON
550 A EAST NAVAJO
HOBBS, NM, 88240-9335

DUNNING, JACK
PO BOX 151
AZTEC, NM, 87410-0151

ENGFER, CARL J
AND/OR UNA V ENGFER
5407 77TH AVENUE CT WEST
TACOMA, WA, 98467-4519

EVANS, TRACY JOHNSON
PO BOX 904
CAPITAN, NM, 88316-0904

GRIFFITH, BARBARA A HATELY
2802 BRINEGAR
COPPERAS COVE, TX, 76522-7207

HATELY LIVING TRUST
U/A DATED MARCH 30, 1995
EUGENE R AND H YVONNE HATELY TRUSTEES
26019 EXMOOR DR
MOUNT PLYMOUTH, FL, 32776-8707

HATELY, WILLIAM F
12441 PROSPECT NE
ALBUQUERQUE, NM, 87112-3648

JENKINS, BEVERLY
309 EL FAISAN DR
SAN RAFAEL, CA, 94903-3535

JENNINGS, BETTY L
93 GOLDEN HINDE BLVD
SAN RAFAEL, CA, 94903-3847

JOHNSON, FERRIS LAWEIR
1273 MERRIMACK CT
CRYSTAL LAKE, IL, 60014

JOHNSON, JERRY LAVERNE
PO BOX 1774
BRAZORIA, TX, 77422-1774

JONES, MONTE
525 W 1ST AVE
KENNEWICK, WA, 99336-3924

KRAUSS, ILSE CHRISTINE, REVOCABLE
FAMILY TRUST
C/O ILSE KRAUSS
15727 NE RUSSELL
PORTLAND, OR, 97230-8294

MCCARTY, FRANCIS M, AND
BERNIECE MCCARTY TRUSTEES
U/T/A DATED 5-4-90
803 UTE
AZTEC, NM, 87410-2239

MCCARTY, S G
RT I BOX 88
MCLEAN, TX, 79057-9731

MID TEX RESOURCES
116 EDWARDS
MERKEL, TX, 79536-3802

MOORE, BEDA M JOHNSON
1104 S CHURCH ST
BRADY, TX, 76825-6234

MUTTER, KATHIE JOHNSON
10257 SLATER AVE #102
FOUNTAIN VALLEY, CA, 92708

NEW MEXICO, STATE OF
COMMISSIONER OF PUBLIC LANDS
GAS DEPARTMENT
SANTA FE, NM, 87501

PEMBERTON, PATTY MCCARTY
803 UTE
AZTEC, NM, 87410-2239

READ, GWENDOLYN, AND
COLENE BOX
JOINT TENANTS
286 S ROOSEVELT RD S
PORTALES, NM, 88130-9016

RICHARDSON, DELORES W
5803 BELL PARK
AMARILLO, TX, 79109-5731

ROBISON, EARL F
26412 S HIGHWAY 170
CANBY, OR, 97014

ROYCE, BYRON AND CHARLENE, LIVING TR
BYRON AND CHARLENE ROYCE TRUSTEES
7748 CREEKSIDE DR
PLEASANTON, CA, 94588-3687

SIMPSON FAMILY TRUST
JOHN A SIMPSON & DEBORAH LYNN JACK
CO-TRUSTEES UTA 6/2/86
P O BOX 2048
WALDPOR, OR, 97394-2048

SWANSON, DOROTHY
RUTH HEMMINGSEN CASE ATTY-IN-FACT
C/O MICHAEL A KRICKL CPA
1583 HOLIDAY DRIVE
SANDWICH, IL, 60548-9372

TATE, JAMES
2871 BURNING LOG
SAN ANTONIO, TX, 78247-3854

TITT, KENNETH
4702 LILAC
VICTORIA, TX, 77904-2173

TITT, ROBERT L
PO BOX 412
VAN VLECK, TX, 77482-0412

TORGERSON, MARY JOE
2922 FORAKER PL NW
ALBUQUERQUE, NM, 87107-1218

TOWNSEND, MARY ALICE MCCARTY
3914 N MESA VERDE AVE
FARMINGTON, NM, 87401-2351

VANDEVER, GARY DEAN
PO BOX 242
AZTEC, NM, 87410-0242

Coldiron Com A #11M

Future Production Decline Estimate Dakota

(Monthly Factor .333%)

Month	Gas Volume
Jan-2000	1081
Feb-2000	1048
Mar-2000	1201
Apr-2000	1243
May-2000	1318
Jun-2000	1249
Jul-2000	1312
Aug-2000	1256
Sep-2000	1249
Oct-2000	1301
Nov-2000	1197
Dec-2000	1166
Jan-2001	1292
Feb-2001	1060
Mar-2001	1247
Apr-2001	574
May-2001	0
Jun-2001	0
Jul-2001	0
Aug-2001	0
Sep-2001	0
Oct-2001	0
Nov-2001	0
Dec-2001	0
Jan-2002	0
Feb-2002	0
Mar-2002	0
Apr-2002	72
May-2002	3461
Jun-2002	2713
Jul-2002	2206
Aug-2002	2199
Sep-2002	2191
Oct-2002	2184
Nov-2002	2177
Dec-2002	2170

$\ln(Q_f/Q_i) = -dt$
 $Q_i = 1301$ MCFD (10/2000)
 $Q_f = 1247$ MCFD (03/2001)
 $t = 5$ months (.41666 yrs)
 $d = 0.32$ annual decline
 0.027 monthly decline (0.32/12)

Corrected Volumes
 $1247/1301 = 0.95849$
 $.95849 * .41666 = .39937$
 0.033280833

Market Shut in

Returned to Production

Month	Gas Volume
Jan-2003	2162
Feb-2003	2162
Mar-2003	2154
Apr-2003	2097
May-2003	2041
Jun-2003	1986
Jul-2003	1933
Aug-2003	1881
Sep-2003	1831
Oct-2003	1782
Nov-2003	1734
Dec-2003	1688
Jan-2004	1643
Feb-2004	1599
Mar-2004	1556
Apr-2004	1514
May-2004	1474
Jun-2004	1434
Jul-2004	1396
Aug-2004	1359
Sep-2004	1322
Oct-2004	1287
Nov-2004	1253
Dec-2004	1219
Jan-2005	1186
Feb-2005	1155
Mar-2005	1124
Apr-2005	1094
May-2005	1065
Jun-2005	1036
Jul-2005	1008
Aug-2005	981
Sep-2005	955
Oct-2005	930
Nov-2005	905
Dec-2005	880

Month	Gas Volume
Jan-2006	877
Feb-2006	874
Mar-2006	871
Apr-2006	868
May-2006	865
Jun-2006	862
Jul-2006	859
Aug-2006	856
Sep-2006	854
Oct-2006	851
Nov-2006	848
Dec-2006	845
Jan-2007	842
Feb-2007	839
Mar-2007	836
Apr-2007	833
May-2007	830
Jun-2007	827
Jul-2007	824
Aug-2007	822
Sep-2007	819
Oct-2007	816
Nov-2007	813
Dec-2007	810
Jan-2008	808
Feb-2008	805
Mar-2008	802
Apr-2008	799
May-2008	796
Jun-2008	794
Jul-2008	791
Aug-2008	788
Sep-2008	786
Oct-2008	783
Nov-2008	780
Dec-2008	777

Coldiron Com A #11M
Future Production Decline Estimate Dakota
(Monthly Factor .333%)

Month	Gas Volume
Jan-2009	775
Feb-2009	772
Mar-2009	769
Apr-2009	767
May-2009	764
Jun-2009	761
Jul-2009	759
Aug-2009	756
Sep-2009	754
Oct-2009	751
Nov-2009	748
Dec-2009	746
Jan-2010	743
Feb-2010	741
Mar-2010	738
Apr-2010	736
May-2010	733
Jun-2010	731
Jul-2010	728
Aug-2010	725
Sep-2010	723
Oct-2010	720
Nov-2010	718
Dec-2010	716
Jan-2011	713
Feb-2011	711
Mar-2011	708
Apr-2011	706
May-2011	703
Jun-2011	701
Jul-2011	698
Aug-2011	696
Sep-2011	694
Oct-2011	691
Nov-2011	689
Dec-2011	686

Month	Gas Volume
Jan-2012	684
Feb-2012	682
Mar-2012	680
Apr-2012	678
May-2012	676
Jun-2012	674
Jul-2012	672
Aug-2012	670
Sep-2012	668
Oct-2012	666
Nov-2012	664
Dec-2012	662
Jan-2013	660
Feb-2013	658
Mar-2013	656
Apr-2013	654
May-2013	652
Jun-2013	650
Jul-2013	648
Aug-2013	646
Sep-2013	644
Oct-2013	643
Nov-2013	641
Dec-2013	639
Jan-2014	637
Feb-2014	635
Mar-2014	633
Apr-2014	631
May-2014	629
Jun-2014	627
Jul-2014	625
Aug-2014	623
Sep-2014	622
Oct-2014	620
Nov-2014	618
Dec-2014	616

Month	Gas Volume
Jan-2015	614
Feb-2015	612
Mar-2015	611
Apr-2015	609
May-2015	607
Jun-2015	605
Jul-2015	603
Aug-2015	601
Sep-2015	600
Oct-2015	598
Nov-2015	596
Dec-2015	594
Jan-2016	592
Feb-2016	591
Mar-2016	589
Apr-2016	587
May-2016	585
Jun-2016	584
Jul-2016	582
Aug-2016	580
Sep-2016	578
Oct-2016	577
Nov-2016	575
Dec-2016	573
Jan-2017	571
Feb-2017	570
Mar-2017	568
Apr-2017	566
May-2017	565
Jun-2017	563
Jul-2017	561
Aug-2017	560
Sep-2017	558
Oct-2017	556
Nov-2017	555
Dec-2017	553

Month	Gas Volume
Jan-2018	550
Feb-2018	547
Mar-2018	545
Apr-2018	542
May-2018	539
Jun-2018	537
Jul-2018	534
Aug-2018	531
Sep-2018	529
Oct-2018	526
Nov-2018	523
Dec-2018	521
Jan-2019	518
Feb-2019	515
Mar-2019	513
Apr-2019	510
May-2019	508
Jun-2019	505
Jul-2019	503
Aug-2019	500
Sep-2019	498
Oct-2019	495
Nov-2019	493
Dec-2019	490
Jan-2020	488
Feb-2020	485
Mar-2020	483
Apr-2020	480
May-2020	478
Jun-2020	476
Jul-2020	473
Aug-2020	471
Sep-2020	469
Oct-2020	466
Nov-2020	464
Dec-2020	462

Coldiron Com A #1M
Future Production Decline Estimate Dakota
(Monthly Factor .333%)

Month	Gas Volume
Jan-2021	459
Feb-2021	457
Mar-2021	455
Apr-2021	452
May-2021	450
Jun-2021	448
Jul-2021	446
Aug-2021	443
Sep-2021	441
Oct-2021	439
Nov-2021	437
Dec-2021	435
Jan-2022	432
Feb-2022	430
Mar-2022	428
Apr-2022	426
May-2022	424
Jun-2022	422
Jul-2022	420
Aug-2022	418
Sep-2022	415
Oct-2022	413
Nov-2022	411
Dec-2022	409
Jan-2023	407
Feb-2023	405
Mar-2023	403
Apr-2023	401
May-2023	399
Jun-2023	397
Jul-2023	395
Aug-2023	393
Sep-2023	391
Oct-2023	389
Nov-2023	387
Dec-2023	385

Month	Gas Volume
Jan-2024	383
Feb-2024	382
Mar-2024	380
Apr-2024	378
May-2024	376
Jun-2024	374
Jul-2024	372
Aug-2024	370
Sep-2024	368
Oct-2024	367
Nov-2024	365
Dec-2024	363
Jan-2025	361
Feb-2025	359
Mar-2025	357
Apr-2025	356
May-2025	354
Jun-2025	352
Jul-2025	350
Aug-2025	349
Sep-2025	347
Oct-2025	345
Nov-2025	343
Dec-2025	342
Jan-2026	340
Feb-2026	338
Mar-2026	337
Apr-2026	335
May-2026	333
Jun-2026	332
Jul-2026	330
Aug-2026	328
Sep-2026	327
Oct-2026	325
Nov-2026	323
Dec-2026	322

Month	Gas Volume
Jan-2027	320
Feb-2027	319
Mar-2027	317
Apr-2027	315
May-2027	314
Jun-2027	312
Jul-2027	311
Aug-2027	309
Sep-2027	308
Oct-2027	306
Nov-2027	304
Dec-2027	303
Jan-2028	301
Feb-2028	300
Mar-2028	298
Apr-2028	297
May-2028	295
Jun-2028	294
Jul-2028	293
Aug-2028	291
Sep-2028	290
Oct-2028	288
Nov-2028	287
Dec-2028	285
Jan-2029	284
Feb-2029	282
Mar-2029	281
Apr-2029	280
May-2029	278
Jun-2029	277
Jul-2029	275
Aug-2029	274
Sep-2029	273
Oct-2029	271
Nov-2029	270
Dec-2029	269

Month	Gas Volume
Jan-2030	267
Feb-2030	265
Mar-2030	264
Apr-2030	262
May-2030	261
Jun-2030	260
Jul-2030	258
Aug-2030	257
Sep-2030	256
Oct-2030	254
Nov-2030	253
Dec-2030	252
Jan-2031	251
Feb-2031	249
Mar-2031	248
Apr-2031	247
May-2031	246
Jun-2031	244
Jul-2031	243
Aug-2031	242
Sep-2031	241
Oct-2031	240
Nov-2031	238
Dec-2031	237
Jan-2032	236
Feb-2032	235
Mar-2032	234
Apr-2032	233
May-2032	231
Jun-2032	230
Jul-2032	229
Aug-2032	228
Sep-2032	227
Oct-2032	226
Nov-2032	225
Dec-2032	223