

District I - (505) 393-6161
P. O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
Rio Brazos Road
NM 87410
District IV

New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-14
Originated 11/1/9

Submit Original
Plus 2 Copies
to appropriate
District Office

H-0519

APPLICATION FOR
QUALIFICATION OF WELL WORKOVER PROJECT
AND CERTIFICATION OF APPROVAL

THREE COPIES OF THIS APPLICATION AND ALL ATTACHMENTS MUST BE FILED WITH THE APPROPRIATE DISTRICT OFFICE OF THE OIL CONSERVATION DIVISION.

I. Operator: Titan Resources I, Inc. OGRID #: 150661

Address: 500 West Texas, Suite 500, Midland, Texas 79701

Contact Party: Pete Wilkinson Phone: (915) 498-8642

II. Name of Well: E. O. Carson #5 API #: 30-025-06977

Location of Well: Unit Letter G, 1980 Feet from the N line and 1980 feet from the E line,
Section 33, Township 21S, Range 37E, NMPM, Lea County

III. Date Workover Procedures Commenced: 7-3-98

Date Workover Procedures were Completed: 8-14-98

IV. Attach a description of the Workover Procedures undertaken to increase the production from the Well.

Attach an estimate of the production rate of the Well (a production decline curve or other acceptable method, and table showing monthly oil and/or gas Project Production) based on at least twelve (12) months of established production which shows the future rate of production based on well performance prior to performing Workover.

VI. Pool(s) on which Production Projection is based:

Blinebry

VII. AFFIDAVIT:

State of Texas)

) ss.

County of Midland)

Pete Wilkinson, being first duly sworn, upon oath states:

1. I am the Operator or authorized representative of the Operator of the above referenced Well.
2. I have made, or caused to be made, a diligent search of the production records which are reasonably available and contain information relevant to the production history of this Well.
3. To the best of my knowledge, the data used to prepare the Production Projection for this Well is complete and accurate and this projection was prepared using sound petroleum engineering principles.

Pete Wilkinson
(Name)

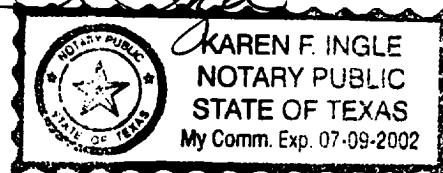
Engineer
(Title)

mP

SUBSCRIBED AND SWORN TO before me this 11th day of November 1998

Karen F. Ingle
Notary Public

My Commission expires: 7-9-02



FOR OIL CONSERVATION DIVISION USE ONLY:

VIII. CERTIFICATION OF APPROVAL:

This Application for Qualification of Well Workover Project is hereby approved and the above referenced Well is designated as a Well Workover Project pursuant to the "Natural Gas and Crude Oil Production Incentive Act" (Laws 1995, Chapter 15, Sections 1 through 8). The Oil Conservation Division hereby verifies the Production Projection for the Well Workover Project attached to this application. By copy of this Application and Certification of Approval, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project has been completed as of 8-14, 1998

Paul J. Kautz
District Supervisor, District 1
Oil Conservation Division

Date: 11/30/98

IX. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT.

DATE: _____

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-025-06977
Indicate Type of Lease STATE ☐ FEE ☒
State Oil & Gas Lease No.
Lease Name or Unit Agreement Name E. O. Carson
Well No. 5
Pool name or Wildcat Blinebry Oil

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.)

Type of Well:
OIL WELL ☒ GAS WELL ☐ OTHER ☐

Name of Operator
Titan Resources I, Inc.

Address of Operator
500 West Texas, Suite 500, Midland, Texas 79701

Well Location
Unit Letter G 1980 Feet From The North Line and 1980 Feet From The East Line
Section 33 Township 21S Range 37E NMPM Lea County

Elevation (Show whether DF, RKB, RT, GR, etc.)
3460' GR

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 ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: Deepen to Blinebry ☒

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.

7/2/98 MIRU, TOH LD rods & pump, ND wellhead, NU BOP.
7/3/98 RIH w/cmt ret & tbg, Set cmt ret @ 3592'. Squeeze open hole 750 sx Class C + 1% CaCl in water, Rev out excess. POH.
7/7/98 Install BOP, RU Rev rig, TIH 6 1/4" bit & drill collars, tag cmt 3337', DO to 3538'.
7/8/98 Tag 3528', DO cmt, tag cmt ret @ 3592', DO to 3714'.
7/9/98 to 7/25/98 Drill out to 6015'.
7/26/98 TIH bit to 6015', circ hole clean, no fill, TOH & LD DC'S & bit, TIH w/shoe, 1 jt, 4 1/2" 11.6# J-55 csg float collar landed @ 5968.57', cmt csg w/400 sx POZ Class C cmt, 125 SX Class C Tail, bump plug, circ 4 SX cmt to pit.
7/28/98 Cut off csg, RIH 179 jts 2 7/8" tbg, TOH LD tbg, TIH 116 jts 10v tbg, TOH & LD tbg.
7/29/98 TIH bit & DC's, Tag 5956', DO cmt to 5990', RU wireline, Run Multi-shot log 6000' - 3700', Run CNL/GR/CCL 6000'-4000'.
7/30/98 Perf Blinebry 5493'-5597', 5606'-5690', 5706'-5894', 5913'-5917', (35 holes), 1 SPF, pickle tbg w/250 glas 15% acid pkr swinging @ 5920', spot 300 gals 15% NEFE, PU hole, set pkr @ 5403', L&T backside, acdz w/2000 gals 15% NEFE, max press 3550 psi, avg pres 3450 psi, air 6.1 BPM, drop 70 BS, 2 complete ball outs
7/31/98 Flow & swab

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

SIGNATURE Shirley Melton TITLE Engineering Tech DATE 11-19-98
TYPE OR PRINT NAME Shirley Melton TELEPHONE NO.

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.
30-025-06977

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

E. O. CARSON

8. Well No.

5

9. Pool name or Wildcat

BLINEBRY OIL

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:

NEW WELL ☐ WORK OVER ☐ DEEPEN ☒ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐

2. Name of Operator

TITAN RESOURCES I, INC.

3. Address of Operator

500 W. TEXAS, STE 500; MIDLAND, TEXAS 79701

4. Well Location

Unit Letter G : 1980 Feet From The N Line and 1980 Feet From The E Line

Section 33 Township 21S Range 37E NMPM LEA County

10. Date Spudded

07/02/98

11. Date T.D. Reached

07/26/98

12. Date Compl. (Ready to Prod.)

08/15/98

13. Elevations (DF & RKB, RT, GR, etc.)

3460' GR

14. Elev. Casinghead

15. Total Depth

6015

16. Plug Back T.D.

6000

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools ☒

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

5493-5917' BLINEBRY

20. Was Directional Survey Made
No

21. Type Electric and Other Logs Run

CNL/GR/CCL

22. Was Well Cored

No

23.

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8	36	1208	12 1/4	325 sx	
7	24	3625	8 3/4	275 sx	
4 1/2	11.6	6014	6 1/4	425 sx	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8	5495.81	

26. Perforation record (interval, size, and number)

BLINEBRY 5493'-5503', 11', 26', 36', 54', 69', 80', 86', 97', 5606', 17', 23', 28', 41', 47', 55', 90', 5706', 11', 36', 47', 53', 63', 5813', 27', 35', 41', 52', 64', 71', 94', 5913', 17', (35 HOLES) 3 1/8" CSG GUN 1 SPF.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5493-5917	2000 GALS 15% NEFE ACID
5496-5917	54,000 GALS SPECTRA FRAC

28.

PRODUCTION

Date First Production 08/16/98	Production Method (Flowing, gas lift, pumping - Size and type pump) 2" X 1 1/4" X 17" PUMP					Well Status (Prod. or Shut-in) PRODUCING	
Date of Test 08/21/98	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 17	Gas - MCF 52	Water - Bbl. 322	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 17	Gas - MCF 52	Water - Bbl. 322	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

Test Witnessed By

30. List Attachments

C-104, Logs

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature

Haylie Urias

Printed Name

HAYLIE URIAS

Title

OPERATIONS TECH.

Date

10/10/98

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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P.O. Drawer DD, Artesia, NM 88210

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

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-025-06977	
Indicate Type of Lease STATE ☐ FEE ☒	
State Oil & Gas Lease No.	
Lease Name or Unit Agreement Name E. O. CARSON	
Well No. 5	
Pool name or Wildcat BLINEBRY OIL	

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.)	
Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER ☐	
Name of Operator TITAN RESOURCES I, INC.	
Address of Operator 500 W. TEXAS, STE 500, MIDLAND, TEXAS 79701	
Well Location Unit Letter <u>G</u> : <u>1980</u> Feet From The <u>N</u> Line and <u>1980</u> Feet From The <u>E</u> Line Section <u>33</u> Township <u>21S</u> Range <u>37E</u> NMPM <u>LEA</u> County	
Elevation (Show whether DF, RKB, RT, GR, etc.) 3460' GR	

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 ☐
OTHER: DEEPEN TO BLINEBRY ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ANBANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

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.

- 1) MIRU pulling unit. POH w/ rods and pump. ND wellhead, NU BOP. POH w/ tbq.
- 2) RIH w/ cmt ret & tbq. Set cmt ret @ 3600'. Squeeze open hole 750 sx Class C + 1% CaCl in water. Rev out excess. POH.
- 3) WOC.
- 4) RIH w/ 6 1/8" bit, drill collars & tbq. Drl out cmt ret & cmt to TD. Drl out formation to TD of 6200' (Blinebry). Note: City of Eunice limits drilling operations to daylight hours.
- 5) Run 4 1/2" 11.6# K-55 casing to total depth. Cement per cement recommendation w/ 425 sx.
- 6) Run GR-CNL from PBTD to 4500'. Perf per log results w/ 1 SPF select fire guns.
- 7) RIH w/ pkr & tbq. Pickle tbq w/ 250 gallons. Spot 300 gallons 15 % NE-FE acid. PU & set pkr @ 5400'. Break formation & acidize w/ 2000 gallons 15 % NE-FE acid w/ ball sealers to ball out.
- 8) Swb back load.
- 9) POH w/ tbq & pkr.
- 10) Frac down 4 1/2" casing per attached frac recommendation.
- 11) Place well on production.

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

SIGNATURE Haylie Urias TITLE OPERATIONS TECH. DATE 06-15-98

TYPE OR PRINT NAME HAYLIE URIAS

TELEPHONE NO. 915-498-8661

(This space for State Use)

ORIGINAL SIGNED BY

GARY WINK

FIELD REP. #

APPROVED BY _____ TITLE _____ DATE _____

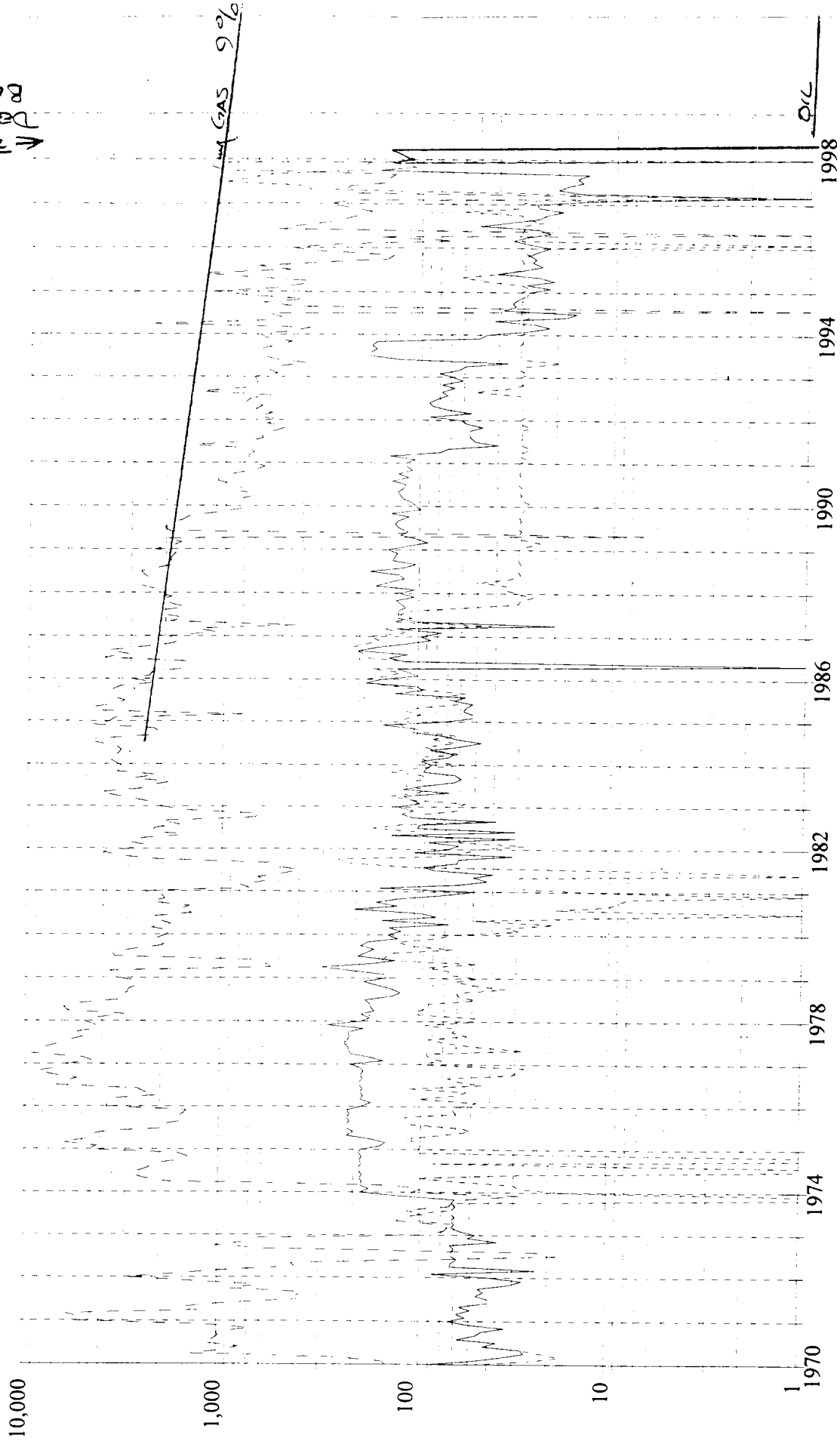
CONDITIONS OF APPROVAL, IF ANY:

Oil
Gas
Water
Wells

Field: PENROSE SKELLY
Lease: E O CARSON | Well #5
Operator: TITAN RESOURCES | INCORPORATED

Production Rate vs Time

For the Period 01/1970 to 12/1998 | API: 30025069770000



Reported Oil Production = 147,548 Bbls
Reported Gas Production = 1,171,717 Mcf
Reported Water Production = 39,606 Bbls

TITAN RESOURCES I, INC.

PRODUCTION PROJECTION

WELL: E. O. CARSON # 5

POOL: PENROSE SKELLY (50350)

DATE	Oil, BBLS	Gas, MCF
Jul-98	0	1100
Aug-98	0	1092
Sep-98	0	1084
Oct-98	0	1075
Nov-98	0	1067
Dec-98	0	1059
Jan-99	0	1051
Feb-99	0	1044
Mar-99	0	1036
Apr-99	0	1028
May-99	0	1020
Jun-99	0	1013
Jul-99	0	1005
Aug-99	0	997
Sep-99	0	990
Oct-99	0	983
Nov-99	0	975
Dec-99	0	968
Jan-00	0	961
Feb-00	0	953
Mar-00	0	946
Apr-00	0	939
May-00	0	932
Jun-00	0	925
Jul-00	0	918
Aug-00	0	911
Sep-00	0	904
Oct-00	0	898
Nov-00	0	891
Dec-00	0	884
Jan-01	0	878
Feb-01	0	871
Mar-01	0	865
Apr-01	0	858
May-01	0	852
Jun-01	0	845
Jul-01	0	839
Aug-01	0	833
Sep-01	0	826

Oct-01	0	820
Nov-01	0	814
Dec-01	0	808
Jan-02	0	802
Feb-02	0	796
Mar-02	0	790
Apr-02	0	784
May-02	0	778
Jun-02	0	772
Jul-02	0	766
Aug-02	0	761
Sep-02	0	755
Oct-02	0	749
Nov-02	0	744
Dec-02	0	738
Jan-03	0	733
Feb-03	0	727
Mar-03	0	722
Apr-03	0	716
May-03	0	711
Jun-03	0	705
Jul-03	0	700
Aug-03	0	695
Sep-03	0	690
Oct-03	0	685
Nov-03	0	679
Dec-03	0	674
Jan-04	0	669
Feb-04	0	664
Mar-04	0	659
Apr-04	0	654
May-04	0	649
Jun-04	0	645
Jul-04	0	640
Aug-04	0	635
Sep-04	0	630
Oct-04	0	625
Nov-04	0	621
Dec-04	0	616
Jan-05	0	611
Feb-05	0	607
Mar-05	0	602
Apr-05	0	598
May-05	0	593
Jun-05	0	589
Jul-05	0	584
Aug-05	0	580
Sep-05	0	576
Oct-05	0	571

Nov-05	0	567
Dec-05	0	563
Jan-06	0	559
Feb-06	0	554
Mar-06	0	550
Apr-06	0	546
May-06	0	542
Jun-06	0	538
Jul-06	0	534
Aug-06	0	530
Sep-06	0	526
Oct-06	0	522
Nov-06	0	518
Dec-06	0	514
Jan-07	0	510
Feb-07	0	507
Mar-07	0	503
Apr-07	0	499
May-07	0	495
Jun-07	0	492
Jul-07	0	488
Aug-07	0	484
Sep-07	0	481
Oct-07	0	477
Nov-07	0	473
Dec-07	0	470
Jan-08	0	466
Feb-08	0	463
Mar-08	0	459
Apr-08	0	456
May-08	0	452
Jun-08	0	449
Jul-08	0	446
Aug-08	0	442
Sep-08	0	439
Oct-08	0	436
Nov-08	0	432
Dec-08	0	429
Jan-09	0	426
Feb-09	0	423
Mar-09	0	420
Apr-09	0	417
May-09	0	413
Jun-09	0	410
Jul-09	0	407
Aug-09	0	404
Sep-09	0	401
Oct-09	0	398
Nov-09	0	395

Dec-09	0	392
Jan-10	0	389
Feb-10	0	386
Mar-10	0	383
Apr-10	0	381
May-10	0	378
Jun-10	0	375
Jul-10	0	372
Aug-10	0	369
Sep-10	0	366
Oct-10	0	364
Nov-10	0	361
Dec-10	0	358
Jan-11	0	356
Feb-11	0	353
Mar-11	0	350
Apr-11	0	348
May-11	0	345
Jun-11	0	342
Jul-11	0	340
Aug-11	0	337
Sep-11	0	335
Oct-11	0	332
Nov-11	0	330
Dec-11	0	327
Jan-12	0	325
Feb-12	0	322
Mar-12	0	320
Apr-12	0	318
May-12	0	315
Jun-12	0	313
Jul-12	0	311
Aug-12	0	308
Sep-12	0	306
Oct-12	0	304
Nov-12	0	301
Dec-12	0	299
Jan-13	0	297
Feb-13	0	295
Mar-13	0	292
Apr-13	0	290
May-13	0	288
Jun-13	0	286
Jul-13	0	284
Aug-13	0	282
Sep-13	0	279
Oct-13	0	277
Nov-13	0	275
Dec-13	0	273

Jan-14	0	271
Feb-14	0	269
Mar-14	0	267
Apr-14	0	265
May-14	0	263
Jun-14	0	261
Jul-14	0	259
Aug-14	0	257
Sep-14	0	255
Oct-14	0	253
Nov-14	0	252
Dec-14	0	250
Jan-15	0	248
Feb-15	0	246
Mar-15	0	244
Apr-15	0	242
May-15	0	240
Jun-15	0	239
Jul-15	0	237
Aug-15	0	235
Sep-15	0	233
Oct-15	0	232
Nov-15	0	230
Dec-15	0	228
Jan-16	0	226
Feb-16	0	225
Mar-16	0	223
Apr-16	0	221
May-16	0	220
Jun-16	0	218
Jul-16	0	216
Aug-16	0	215
Sep-16	0	213
Oct-16	0	212
Nov-16	0	210
Dec-16	0	208
Jan-17	0	207
Feb-17	0	205
Mar-17	0	204
Apr-17	0	202
May-17	0	201
Jun-17	0	199
Jul-17	0	198
Aug-17	0	196
Sep-17	0	195
Oct-17	0	193
Nov-17	0	192
Dec-17	0	190
Jan-18	0	189

Feb-18	0	188
Mar-18	0	186
Apr-18	0	185
May-18	0	183
Jun-18	0	182
Jul-18	0	181
Aug-18	0	179
Sep-18	0	178
Oct-18	0	177
Nov-18	0	175
Dec-18	0	174
Jan-19	0	173
Feb-19	0	171
Mar-19	0	170
Apr-19	0	169
May-19	0	168
Jun-19	0	166
Jul-19	0	165
Aug-19	0	164
Sep-19	0	163
Oct-19	0	161
Nov-19	0	160
Dec-19	0	159
Jan-20	0	158
Feb-20	0	157
Mar-20	0	155
Apr-20	0	154
May-20	0	153
Jun-20	0	152
Jul-20	0	151
Aug-20	0	150
Sep-20	0	148
Oct-20	0	147
Nov-20	0	146
Dec-20	0	145
Jan-21	0	144
Feb-21	0	143
Mar-21	0	142
Apr-21	0	141
May-21	0	140
Jun-21	0	139
Jul-21	0	138
Aug-21	0	0