



# CONFIDENTIAL

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34192  
 Name: SandRidge Exploration and Production LLC  
 Address 1: 123 ROBERT S. KERR AVE  
 Address 2: \_\_\_\_\_  
 City: OKLAHOMA CITY State: OK Zip: 73102 + 6406  
 Contact Person: Tiffany Golay  
 Phone: ( 405 ) 429-6543  
 CONTRACTOR: License # 34464  
 Name: Lariat Services, Inc.  
 Wellsite Geologist: Kathy Gentry  
 Purchaser: DCP Midstream, LP (Gas) NCRA (Oil)  
 Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     WSW     SWD     SIOW  
 Gas     D&A     ENHR     SIGW  
 OG     GSW     Temp. Abd.  
 CM (Coal Bed Methane)  
 Cathodic     Other (Core, Expl., etc.): \_\_\_\_\_  
 If Workover/Re-entry: Old Well Info as follows:  
 Operator: \_\_\_\_\_  
 Well Name: \_\_\_\_\_  
 Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to ENHR     Conv. to SWD  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_  

|                                   |                  |   |
|-----------------------------------|------------------|---|
| <u>9/4/2012</u>                   | <u>10/4/2012</u> | <u>10/7/2012</u>                        |
| Spud Date or<br>Recompletion Date | Date Reached TD  | Completion Date or<br>Recompletion Date |

API No. 15 - 15-033-21670-01-00  
 Spot Description:  
SE SE SW SW Sec. 26 Twp. 33 S. R. 18  East  West  
200 Feet from  North /  South Line of Section  
1250 Feet from  East /  West Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
 County: Comanche  
 Lease Name: Crosby 3318 Well #: 1-26H  
 Field Name: \_\_\_\_\_  
 Producing Formation: Mississippian  
 Elevation: Ground: 1919 Kelly Bushing: 1939  
 Total Depth: 9999 Plug Back Total Depth: \_\_\_\_\_  
 Amount of Surface Pipe Set and Cemented at: 875 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set: \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from: \_\_\_\_\_  
 feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

### Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 30000 ppm Fluid volume: 2470 bbls  
 Dewatering method used: Hauled to Disposal  
 Location of fluid disposal if hauled offsite: \_\_\_\_\_  
 Operator Name: Guard, Inc  
 Lease Name: Unnamed License #: 99999  
 Quarter SW Sec. 23 Twp. 22 S. R. 13  East  West  
 County: Major, OK Permit #: 342682

### AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

### KCC Office Use ONLY

Letter of Confidentiality Received  
 Date: 01/02/2013  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
 ALT  I  II  III Approved by: NAOMI JAMES Date: 01/11/2013

Section 22  
33S 18W

Section 23  
33S 18W

624' FWL

396' FNL

BHL: 10,034'

-99.25159 37.149179

Bottom Perf: 9566'

-99.251626 37.147972

Section 27  
33S 18W

Section 26  
33S 18W

Top Perf: 6528'  
-99.251627 37.139519

Miss Entry: 5217'  
-99.250498 37.136356

CROSBY 3318 1-26H



Section 34  
33S 18W

Section 35  
33S 18W



Actual Bottom-Hole Location of Crosby 3118 1-26H

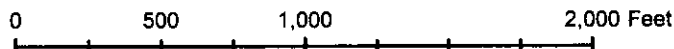
Comanche County, Kansas

T&R: 33S 18W

Section: 26, 624' FWL & 396' FNL

Long/Lat: -99.25159 37.149179

1 in = 667 ft



● Actual BH Location

\* SandRidge Wells

Perf

Sections

Draftsman:

Aaron Birk

Draft Date: 12/18/2010

Drawing Name/Number:

Addendum\_Crosby\_1-26H.mxd

Coordinate System:

NAD 1927 State Plane  
Kansas South FIPS: 1502

| Directional<br>Survey<br>Calculations | Measured<br>Depth<br>(ft) | Sub-Sea<br>Incl.<br>(deg) | Vertical<br>Azim.<br>(ft) | True Vert<br>Depth<br>(ft) | Northings (+)<br>Southings (-)<br>(ft) | Eastings (+)<br>Westings (-)<br>(ft) | Vert<br>Section<br>(ft) | DLS<br>deg/100'<br>(deg) | FNL  | FSL  | FWL  | FEL  |
|---------------------------------------|---------------------------|---------------------------|---------------------------|----------------------------|--|--------------------------------------|-------------------------|--------------------------|------|------|------|------|
|                                       |                           |                           |                           |                            |  |                                      |                         |                          |      |      |      |      |
| SHL                                   | 0                         | 0.00                      | 0.00                      | 0.00                       | 0.00                                   | 0.00                                 | 0.00                    | 0.00                     | 5156 | 200  | 1251 | 4022 |
| BHL                                   | 10034                     | 88.30                     | 2.20                      | 5314.51                    | 4823.49                                | -674.00                              | 4870.30                 | 0.00                     | 330  | 5024 | 637  | 4628 |
| Miss Entry                            | 5034                      | 70.49                     | 337.54                    | 5248.78                    | 444.41                                 | -625.22                              | 524.04                  | 7.69                     | 4710 | 645  | 631  | 4641 |
| Top Perf                              | 5660                      | 71.20                     | 339.63                    | 5257.31                    | 467.27                                 | -634.20                              | 547.88                  | 8.24                     | 4687 | 668  | 622  | 4650 |
| Bottom Perf                           | 9915                      | 88.61                     | 2.01                      | 5312.01                    | 4704.64                                | -678.80                              | 4753.16                 | 0.85                     | 449  | 4905 | 631  | 4634 |

| Survey Points | NW Corner XY Coord | X       | Y      | Surface XY | X | Y | m | North Line slope |
|---------------|--------------------|---------|--------|------------|---|---|---|------------------|
|               |                    |         |        |            |   |   |   | 0.00284954       |
|               | SW Corner XY Coord | 1780470 | 171540 |            |   |   |   | East Line slope  |
|               | NE Corner XY Coord | 1785867 | 176900 |            |   |   |   | South Line slope |
|               | SE Corner XY Coord | 1785743 | 171545 |            |   |   |   | West Line slope  |
|               |                    |         |        |            |   |   |   | -0.0125163       |

|                                   | Measured<br>Depth<br>(ft) | Sub-Sea<br>Incl.<br>(deg) | Vertical<br>Azim.<br>(ft) | True Vert<br>Depth<br>(ft) | Northings (+)<br>Southings (-)<br>(ft) | Eastings (+)<br>Westings (-)<br>(ft) | Vert<br>Section<br>(ft) | DLS<br>deg/100'<br>(deg) | FNL  | FSL  | FWL  | FEL  |
|-----------------------------------|---------------------------|---------------------------|---------------------------|----------------------------|--|--------------------------------------|-------------------------|--------------------------|------|------|------|------|
|                                   |                           |                           |                           |                            |  |                                      |                         |                          |      |      |      |      |
|                                   | 0                         | 0.0                       | 0                         | 0                          | 0                                      | 0                                    | 0                       | 0                        | 5156 | 200  | 1251 | 4022 |
|                                   | 249                       | 0.90                      | 0.15                      | 248.99                     | 1.96                                   | 0.01                                 | 1.94                    | 0.38                     | 5154 | 202  | 1251 | 4022 |
|                                   | 497                       | 0.50                      | 0.14                      | 496.97                     | 4.99                                   | 0.01                                 | 4.94                    | 0.16                     | 5151 | 205  | 1251 | 4022 |
|                                   | 745                       | 0.30                      | 0.14                      | 744.96                     | 6.72                                   | 0.02                                 | 6.65                    | 0.08                     | 5149 | 207  | 1251 | 4022 |
|                                   | 873                       | 0.70                      | 0.15                      | 872.86                     | 7.83                                   | 0.02                                 | 7.76                    | 0.31                     | 5148 | 208  | 1251 | 4022 |
|                                   | 1029                      | 0.00                      | 260.80                    | 1028.96                    | 8.79                                   | 0.02                                 | 8.70                    | 0.45                     | 5147 | 209  | 1251 | 4022 |
|                                   | 1487                      | 0.20                      | 48.40                     | 1486.95                    | 9.32                                   | 0.62                                 | 9.15                    | 0.04                     | 5146 | 209  | 1251 | 4021 |
|                                   | 1964                      | 0.40                      | 103.30                    | 1963.95                    | 9.49                                   | 2.86                                 | 9.02                    | 0.07                     | 5146 | 209  | 1253 | 4019 |
|                                   | 2441                      | 0.40                      | 162.90                    | 2440.94                    | 7.51                                   | 4.97                                 | 6.78                    | 0.08                     | 5148 | 207  | 1258 | 4017 |
|                                   | 2916                      | 0.50                      | 109.80                    | 2915.93                    | 5.23                                   | 7.41                                 | 4.19                    | 0.09                     | 5151 | 205  | 1258 | 4015 |
|                                   | 3394                      | 0.00                      | 336.70                    | 3393.92                    | 4.52                                   | 9.37                                 | 3.23                    | 0.10                     | 5151 | 204  | 1260 | 4013 |
|                                   | 3870                      | 0.20                      | 56.40                     | 3869.92                    | 4.98                                   | 10.07                                | 3.59                    | 0.04                     | 5151 | 205  | 1261 | 4012 |
|                                   | 4061                      | 0.40                      | 214.60                    | 4060.92                    | 4.61                                   | 9.98                                 | 3.24                    | 0.31                     | 5151 | 204  | 1261 | 4012 |
|                                   | 4156                      | 0.40                      | 205.90                    | 4155.92                    | 4.04                                   | 9.63                                 | 2.72                    | 0.06                     | 5152 | 204  | 1260 | 4013 |
|                                   | 4219                      | 0.20                      | 181.10                    | 4218.91                    | 3.74                                   | 9.53                                 | 2.43                    | 0.37                     | 5152 | 204  | 1260 | 4013 |
|                                   | 4251                      | 0.20                      | 240.90                    | 4250.91                    | 3.85                                   | 9.48                                 | 2.35                    | 0.62                     | 5152 | 203  | 1260 | 4013 |
|                                   | 4283                      | 1.90                      | 312.40                    | 4282.91                    | 3.98                                   | 9.04                                 | 2.74                    | 5.77                     | 5152 | 204  | 1260 | 4013 |
|                                   | 4315                      | 3.70                      | 329.70                    | 4314.87                    | 5.23                                   | 8.13                                 | 4.10                    | 6.15                     | 5151 | 205  | 1259 | 4014 |
|                                   | 4346                      | 5.40                      | 324.70                    | 4345.77                    | 7.29                                   | 6.78                                 | 6.31                    | 5.83                     | 5148 | 207  | 1257 | 4015 |
|                                   | 4378                      | 7.40                      | 317.30                    | 4377.57                    | 10.03                                  | 4.51                                 | 9.34                    | 6.75                     | 5146 | 210  | 1255 | 4018 |
|                                   | 4410                      | 9.10                      | 312.90                    | 4409.24                    | 13.27                                  | 1.26                                 | 12.98                   | 5.88                     | 5142 | 213  | 1252 | 4021 |
|                                   | 4442                      | 10.80                     | 306.40                    | 4440.75                    | 16.79                                  | -3.03                                | 17.04                   | 6.63                     | 5139 | 217  | 1248 | 4025 |
|                                   | 4474                      | 12.50                     | 298.50                    | 4472.09                    | 20.23                                  | -8.51                                | 21.19                   | 7.06                     | 5135 | 220  | 1242 | 4030 |
|                                   | 4505                      | 14.80                     | 288.40                    | 4502.21                    | 23.09                                  | -15.21                               | 24.91                   | 10.66                    | 5133 | 223  | 1236 | 4037 |
|                                   | 4537                      | 16.80                     | 280.70                    | 4533.01                    | 25.23                                  | -23.04                               | 28.17                   | 9.04                     | 5130 | 225  | 1227 | 4046 |
|                                   | 4569                      | 18.50                     | 277.90                    | 4563.50                    | 26.79                                  | -33.21                               | 30.99                   | 5.94                     | 5129 | 227  | 1218 | 4055 |
|                                   | 4601                      | 19.90                     | 275.40                    | 4593.72                    | 28.00                                  | -43.66                               | 33.59                   | 5.07                     | 5128 | 228  | 1207 | 4065 |
|                                   | 4632                      | 21.90                     | 271.00                    | 4622.68                    | 28.60                                  | -54.70                               | 35.66                   | 8.20                     | 5127 | 228  | 1196 | 4077 |
|                                   | 4664                      | 24.50                     | 270.10                    | 4652.09                    | 28.72                                  | -67.30                               | 37.46                   | 8.20                     | 5127 | 229  | 1184 | 4089 |
|                                   | 4696                      | 26.20                     | 272.30                    | 4681.01                    | 29.01                                  | -81.00                               | 39.58                   | 6.07                     | 5127 | 229  | 1170 | 4103 |
|                                   | 4728                      | 28.00                     | 273.80                    | 4709.50                    | 29.79                                  | -95.55                               | 42.30                   | 6.02                     | 5126 | 230  | 1155 | 4117 |
|                                   | 4759                      | 30.80                     | 275.50                    | 4736.50                    | 31.03                                  | -110.72                              | 45.56                   | 9.42                     | 5124 | 231  | 1140 | 4132 |
|                                   | 4791                      | 33.60                     | 276.30                    | 4763.59                    | 32.79                                  | -127.67                              | 49.57                   | 8.85                     | 5123 | 233  | 1123 | 4149 |
|                                   | 4823                      | 35.80                     | 278.30                    | 4789.88                    | 35.12                                  | -145.74                              | 54.29                   | 7.74                     | 5120 | 235  | 1105 | 4167 |
|                                   | 4855                      | 37.40                     | 282.50                    | 4815.58                    | 38.57                                  | -164.49                              | 60.22                   | 9.28                     | 5117 | 239  | 1087 | 4186 |
|                                   | 4887                      | 39.10                     | 287.10                    | 4840.71                    | 43.64                                  | -183.63                              | 67.81                   | 10.36                    | 5112 | 244  | 1067 | 4205 |
|                                   | 4918                      | 40.40                     | 291.00                    | 4864.55                    | 50.12                                  | -202.38                              | 76.73                   | 9.07                     | 5105 | 250  | 1049 | 4224 |
|                                   | 4950                      | 42.60                     | 290.20                    | 4888.52                    | 58.45                                  | -221.84                              | 87.59                   | 11.08                    | 5097 | 258  | 1029 | 4243 |
|                                   | 4982                      | 46.00                     | 296.60                    | 4911.42                    | 68.22                                  | -241.94                              | 99.96                   | 11.08                    | 5087 | 268  | 1009 | 4263 |
| <b>Top of Tangent<br/>@ 5030'</b> | 5013                      | 49.60                     | 297.70                    | 4932.24                    | 78.70                                  | -262.37                              | 113.08                  | 11.81                    | 5076 | 279  | 989  | 4283 |
|                                   | 5045                      | 51.30                     | 298.20                    | 4952.61                    | 90.28                                  | -284.16                              | 127.46                  | 5.45                     | 5065 | 290  | 967  | 4305 |
|                                   | 5077                      | 51.60                     | 298.10                    | 4972.66                    | 102.07                                 | -308.23                              | 142.11                  | 0.97                     | 5053 | 302  | 946  | 4327 |
|                                   | 5109                      | 51.70                     | 298.10                    | 4992.41                    | 113.89                                 | -328.38                              | 158.78                  | 0.31                     | 5041 | 314  | 924  | 4349 |
|                                   | 5141                      | 52.00                     | 299.40                    | 5012.18                    | 126.00                                 | -350.43                              | 171.73                  | 3.33                     | 5029 | 326  | 902  | 4371 |
| <b>Blm of Tangent<br/>@ 5204'</b> | 5172                      | 52.40                     | 300.80                    | 5031.18                    | 138.28                                 | -371.82                              | 186.74                  | 3.79                     | 5016 | 338  | 881  | 4392 |
|                                   | 5204                      | 53.40                     | 302.80                    | 5050.48                    | 151.73                                 | -393.30                              | 202.97                  | 5.88                     | 5003 | 352  | 859  | 4413 |
|                                   | 5236                      | 54.70                     | 304.90                    | 5069.27                    | 166.16                                 | -414.81                              | 220.15                  | 6.69                     | 4988 | 366  | 838  | 4435 |
|                                   | 5267                      | 55.90                     | 308.00                    | 5088.92                    | 181.30                                 | -435.31                              | 237.89                  | 9.09                     | 4973 | 382  | 817  | 4455 |
|                                   | 5299                      | 56.50                     | 310.60                    | 5104.72                    | 198.15                                 | -455.88                              | 257.33                  | 7.01                     | 4956 | 398  | 797  | 4475 |
|                                   | 5331                      | 58.00                     | 313.80                    | 5122.04                    | 216.22                                 | -475.81                              | 277.92                  | 9.63                     | 4938 | 416  | 777  | 4495 |
|                                   | 5363                      | 60.10                     | 317.20                    | 5138.50                    | 235.80                                 | -495.03                              | 299.89                  | 11.23                    | 4919 | 436  | 756  | 4514 |
|                                   | 5394                      | 62.30                     | 319.80                    | 5153.43                    | 258.15                                 | -513.02                              | 322.46                  | 10.22                    | 4898 | 456  | 741  | 4532 |
|                                   | 5426                      | 64.00                     | 322.60                    | 5167.89                    | 278.40                                 | -530.91                              | 346.90                  | 9.44                     | 4876 | 479  | 723  | 4549 |
|                                   | 5458                      | 65.20                     | 325.00                    | 5181.62                    | 301.72                                 | -547.98                              | 372.30                  | 7.74                     | 4852 | 502  | 706  | 4566 |
|                                   | 5490                      | 65.50                     | 327.40                    | 5194.96                    | 325.89                                 | -564.15                              | 398.41                  | 6.88                     | 4828 | 526  | 690  | 4582 |
|                                   | 5521                      | 66.10                     | 330.00                    | 5207.67                    | 350.05                                 | -578.84                              | 424.31                  | 7.89                     | 4804 | 550  | 676  | 4596 |
|                                   | 5553                      | 67.80                     | 332.40                    | 5220.20                    | 375.85                                 | -593.02                              | 451.78                  | 8.71                     | 4778 | 576  | 662  | 4610 |
|                                   | 5585                      | 69.20                     | 334.10                    | 5231.93                    | 402.43                                 | -606.42                              | 479.92                  | 6.60                     | 4752 | 603  | 649  | 4623 |
|                                   | 5617                      | 70.00                     | 336.00                    | 5243.09                    | 429.63                                 | -619.07                              | 508.56                  | 6.10                     | 4724 | 630  | 637  | 4635 |
|                                   | 5648                      | 70.90                     | 338.80                    | 5253.46                    | 456.59                                 | -630.29                              | 536.78                  | 8.99                     | 4697 | 657  | 626  | 4646 |
|                                   | 5680                      | 71.70                     | 341.00                    | 5263.72                    | 485.06                                 | -640.70                              | 566.38                  | 8.98                     | 4669 | 685  | 616  | 4656 |
|                                   | 5712                      | 73.30                     | 342.90                    | 5273.36                    | 514.07                                 | -650.16                              | 596.40                  | 7.55                     | 4640 | 715  | 607  | 4665 |
|                                   | 5744                      | 76.00                     | 344.20                    | 5281.82                    | 543.66                                 | -658.89                              | 626.90                  | 9.30                     | 4610 | 744  | 598  | 4673 |
|                                   | 5775                      | 78.60                     | 345.20                    | 5288.63                    | 572.83                                 | -666.87                              | 656.87                  | 8.96                     | 4581 | 773  | 591  | 4681 |
|                                   | 5807                      | 79.70                     | 347.10                    | 5294.66                    | 603.34                                 | -674.39                              | 688.11                  | 6.77                     | 4550 | 804  | 584  | 4688 |
|                                   | 5839                      | 80.60                     | 348.70                    | 5300.13                    | 634.17                                 | -681.00                              | 719.55                  | 5.67                     | 4520 | 835  | 577  | 4694 |
|                                   | 5871                      | 81.80                     | 350.10                    | 5305.03                    | 665.25                                 | -688.82                              | 751.13                  | 5.72                     | 4489 | 866  | 572  | 4700 |
|                                   | 5902                      | 84.00                     | 351.10                    | 5308.86                    | 695.60                                 | -691.84                              | 781.88                  | 7.79                     | 4458 | 896  | 567  | 4704 |
|                                   | 5934                      | 86.50                     | 353.10                    | 5311.51                    | 727.18                                 | -696.22                              | 813.76                  | 9.98                     | 4427 | 928  | 563  | 4708 |
|                                   | 5966                      | 87.80                     | 355.00                    | 5313.10                    | 758.97                                 | -699.53                              | 845.70                  | 7.19                     | 4395 | 959  | 560  | 4711 |
|                                   | 6022                      | 88.70                     | 354.90                    | 5314.81                    | 814.72                                 | -704.46                              | 901.62                  | 1.62                     | 4339 | 1015 | 556  | 4715 |
|                                   | 6052                      | 88.80                     | 355.10                    | 5315.46                    | 844.60                                 | -707.08                              | 931.58                  | 0.75                     | 4309 | 1045 | 554  | 4717 |
|                                   | 6083                      | 89.20                     | 356.20                    | 5316.00                    | 875.51                                 | -709.43                              | 962.52                  | 3.78                     | 4278 | 1076 | 552  | 4719 |

| Measured Depth (ft) | Sub-Sea Incl. (deg) | Vertical Azim. (ft) | True Vert Depth (ft) | Northings (+) Southings (-) (ft) | Eastings (+) Westings (-) (ft) | Vert Section (ft) | DLS deg/100' (deg) | FNL  | FSL  | FWL | FEL  |
|---------------------|---------------------|---------------------|----------------------|----------------------------------|--------------------------------|-------------------|--------------------|------|------|-----|------|
| 6114                | 89.60               | 357.80              | 5310.33              | 906.46                           | -711.05                        | 993.41            | 5.32               | 4247 | 1107 | 551 | 4720 |
| 6144                | 90.00               | 358.50              | 5316.43              | 936.45                           | -712.02                        | 1023.26           | 2.69               | 4217 | 1137 | 550 | 4721 |
| 6175                | 90.00               | 357.80              | 5316.43              | 967.43                           | -713.02                        | 1054.10           | 2.26               | 4186 | 1168 | 550 | 4722 |
| 6206                | 89.90               | 359.40              | 5316.46              | 998.42                           | -713.78                        | 1084.91           | 5.17               | 4155 | 1199 | 549 | 4722 |
| 6237                | 89.60               | 0.10                | 5316.60              | 1029.42                          | -713.01                        | 1115.85           | 2.46               | 4124 | 1230 | 549 | 4722 |
| 6267                | 89.80               | 359.50              | 5318.75              | 1059.42                          | -714.02                        | 1145.39           | 2.11               | 4094 | 1260 | 550 | 4721 |
| 6298                | 90.00               | 359.50              | 5318.81              | 1090.42                          | -714.29                        | 1178.15           | 0.65               | 4063 | 1291 | 550 | 4721 |
| 6329                | 90.60               | 359.80              | 5318.64              | 1121.42                          | -714.53                        | 1206.90           | 1.96               | 4032 | 1322 | 550 | 4721 |
| 6360                | 91.20               | 0.30                | 5316.16              | 1152.41                          | -714.56                        | 1237.82           | 2.97               | 4001 | 1353 | 550 | 4720 |
| 6391                | 91.50               | 0.50                | 5315.43              | 1183.40                          | -714.34                        | 1268.31           | 1.18               | 3970 | 1384 | 551 | 4720 |
| 6421                | 91.70               | 0.60                | 5314.59              | 1213.39                          | -714.05                        | 1297.09           | 0.75               | 3940 | 1414 | 552 | 4719 |
| 6452                | 91.70               | 0.60                | 5313.67              | 1244.37                          | -713.67                        | 1328.64           | 0.64               | 3909 | 1446 | 552 | 4718 |
| 6483                | 91.80               | 0.60                | 5312.72              | 1275.36                          | -713.29                        | 1359.29           | 0.72               | 3878 | 1476 | 553 | 4717 |
| 6514                | 92.10               | 0.20                | 5311.67              | 1306.34                          | -713.08                        | 1389.97           | 1.61               | 3847 | 1507 | 554 | 4717 |
| 6544                | 92.40               | 0.30                | 5310.49              | 1336.31                          | -712.95                        | 1419.66           | 1.05               | 3817 | 1537 | 554 | 4716 |
| 6575                | 91.20               | 0.20                | 5309.52              | 1367.30                          | -712.81                        | 1450.35           | 3.88               | 3786 | 1568 | 555 | 4716 |
| 6605                | 90.60               | 0.60                | 5309.05              | 1397.29                          | -712.60                        | 1480.04           | 2.40               | 3756 | 1598 | 555 | 4715 |
| 6636                | 90.90               | 1.00                | 5308.64              | 1428.29                          | -712.17                        | 1510.70           | 1.61               | 3725 | 1629 | 556 | 4714 |
| 6667                | 91.20               | 1.20                | 5308.07              | 1459.28                          | -711.58                        | 1541.33           | 1.16               | 3694 | 1660 | 557 | 4713 |
| 6698                | 90.10               | 1.70                | 5307.72              | 1490.26                          | -710.79                        | 1571.94           | 3.90               | 3663 | 1691 | 558 | 4712 |
| 6730                | 90.30               | 2.40                | 5307.61              | 1522.24                          | -709.65                        | 1603.48           | 2.28               | 3631 | 1723 | 560 | 4710 |
| 6762                | 90.50               | 2.00                | 5307.38              | 1554.22                          | -708.42                        | 1635.00           | 1.40               | 3600 | 1755 | 562 | 4709 |
| 6794                | 89.50               | 2.50                | 5307.38              | 1586.19                          | -707.16                        | 1666.52           | 3.49               | 3568 | 1787 | 563 | 4707 |
| 6826                | 87.90               | 3.80                | 5308.11              | 1618.13                          | -705.38                        | 1697.83           | 6.64               | 3536 | 1819 | 565 | 4705 |
| 6858                | 87.70               | 3.80                | 5309.34              | 1650.04                          | -703.23                        | 1729.26           | 0.70               | 3504 | 1851 | 568 | 4702 |
| 6890                | 89.50               | 3.70                | 5310.12              | 1681.96                          | -701.14                        | 1760.62           | 5.63               | 3472 | 1882 | 570 | 4700 |
| 6922                | 91.00               | 5.20                | 5309.98              | 1713.86                          | -698.65                        | 1791.90           | 6.63               | 3440 | 1914 | 573 | 4697 |
| 6954                | 91.20               | 5.30                | 5309.37              | 1745.72                          | -695.73                        | 1823.08           | 0.70               | 3408 | 1946 | 577 | 4693 |
| 6985                | 91.00               | 4.60                | 5308.77              | 1776.60                          | -693.05                        | 1853.33           | 2.35               | 3377 | 1977 | 580 | 4690 |
| 7017                | 91.30               | 4.60                | 5308.13              | 1808.48                          | -690.49                        | 1884.59           | 0.94               | 3345 | 2009 | 583 | 4687 |
| 7049                | 89.80               | 4.10                | 5307.82              | 1840.39                          | -688.06                        | 1915.88           | 4.94               | 3313 | 2041 | 585 | 4684 |
| 7081                | 89.40               | 4.10                | 5308.05              | 1872.31                          | -685.77                        | 1947.21           | 1.25               | 3281 | 2073 | 588 | 4681 |
| 7113                | 89.60               | 4.10                | 5308.32              | 1904.23                          | -683.48                        | 1978.53           | 0.62               | 3250 | 2105 | 591 | 4679 |
| 7145                | 90.10               | 4.50                | 5308.41              | 1936.14                          | -681.08                        | 2009.83           | 2.00               | 3218 | 2137 | 594 | 4678 |
| 7177                | 90.70               | 4.30                | 5308.19              | 1968.04                          | -678.63                        | 2041.12           | 1.98               | 3186 | 2169 | 597 | 4673 |
| 7209                | 90.50               | 3.40                | 5307.85              | 1999.97                          | -676.48                        | 2072.47           | 2.88               | 3154 | 2200 | 599 | 4670 |
| 7241                | 90.20               | 3.20                | 5307.65              | 2031.92                          | -674.64                        | 2103.89           | 1.13               | 3122 | 2232 | 601 | 4668 |
| 7273                | 90.80               | 3.80                | 5307.38              | 2063.85                          | -672.56                        | 2135.27           | 2.88               | 3090 | 2264 | 604 | 4666 |
| 7304                | 91.40               | 3.70                | 5306.78              | 2094.78                          | -670.60                        | 2166.65           | 2.04               | 3059 | 2295 | 606 | 4663 |
| 7336                | 91.50               | 2.10                | 5305.97              | 2126.73                          | -668.99                        | 2197.09           | 5.01               | 3027 | 2327 | 608 | 4661 |
| 7368                | 92.00               | 1.40                | 5304.99              | 2158.70                          | -668.01                        | 2228.64           | 2.69               | 2995 | 2359 | 610 | 4660 |
| 7400                | 92.20               | 0.80                | 5303.82              | 2190.67                          | -667.39                        | 2260.25           | 1.98               | 2963 | 2391 | 611 | 4659 |
| 7432                | 91.60               | 1.10                | 5302.76              | 2222.65                          | -666.86                        | 2291.86           | 2.10               | 2931 | 2423 | 611 | 4658 |
| 7464                | 91.30               | 1.20                | 5301.95              | 2254.63                          | -666.22                        | 2323.47           | 0.90               | 2899 | 2455 | 613 | 4656 |
| 7496                | 90.60               | 1.10                | 5301.42              | 2286.62                          | -665.50                        | 2355.09           | 2.21               | 2867 | 2487 | 614 | 4655 |
| 7528                | 90.90               | 0.90                | 5301.00              | 2318.61                          | -665.02                        | 2386.72           | 1.13               | 2835 | 2519 | 615 | 4654 |
| 7560                | 90.50               | 1.10                | 5300.61              | 2350.60                          | -664.46                        | 2418.35           | 1.40               | 2803 | 2551 | 615 | 4653 |
| 7592                | 89.20               | 0.70                | 5300.69              | 2382.60                          | -663.96                        | 2449.99           | 4.25               | 2771 | 2583 | 616 | 4652 |
| 7655                | 89.00               | 359.20              | 5301.88              | 2445.59                          | -664.02                        | 2512.42           | 2.40               | 2708 | 2646 | 617 | 4652 |
| 7719                | 89.70               | 359.50              | 5302.41              | 2509.58                          | -664.74                        | 2575.94           | 1.19               | 2644 | 2710 | 617 | 4651 |
| 7783                | 89.20               | 0.10                | 5303.02              | 2573.58                          | -664.96                        | 2639.39           | 1.22               | 2580 | 2774 | 618 | 4651 |
| 7847                | 89.20               | 1.20                | 5303.92              | 2637.57                          | -664.24                        | 2702.71           | 1.72               | 2516 | 2838 | 619 | 4649 |
| 7910                | 89.30               | 0.80                | 5304.74              | 2700.55                          | -663.14                        | 2764.98           | 0.65               | 2453 | 2901 | 621 | 4647 |
| 7942                | 89.30               | 0.30                | 5305.13              | 2732.55                          | -662.83                        | 2796.64           | 1.58               | 2421 | 2933 | 622 | 4646 |
| 8006                | 89.70               | 360.00              | 5305.89              | 2798.54                          | -662.66                        | 2860.04           | 0.78               | 2357 | 2997 | 623 | 4645 |
| 8070                | 89.70               | 0.10                | 5306.03              | 2860.54                          | -662.61                        | 2923.46           | 0.16               | 2293 | 3061 | 624 | 4644 |
| 8102                | 90.00               | 0.20                | 5306.11              | 2892.54                          | -662.53                        | 2955.10           | 0.99               | 2261 | 3093 | 624 | 4644 |
| 8166                | 90.20               | 359.70              | 5306.00              | 2956.54                          | -662.58                        | 3018.59           | 0.84               | 2197 | 3157 | 625 | 4643 |
| 8230                | 89.30               | 359.80              | 5306.28              | 3020.54                          | -662.86                        | 3082.06           | 1.41               | 2133 | 3221 | 625 | 4642 |
| 8293                | 88.90               | 359.50              | 5307.27              | 3083.53                          | -663.25                        | 3144.53           | 0.79               | 2070 | 3284 | 626 | 4642 |
| 8389                | 89.10               | 359.80              | 5308.94              | 3179.51                          | -664.00                        | 3239.75           | 0.23               | 1974 | 3380 | 626 | 4641 |
| 8485                | 89.80               | 358.80              | 5310.03              | 3275.50                          | -665.34                        | 3335.05           | 0.98               | 1878 | 3476 | 626 | 4641 |
| 8581                | 89.80               | 358.30              | 5310.53              | 3371.46                          | -667.77                        | 3430.48           | 0.56               | 1782 | 3572 | 625 | 4642 |
| 8677                | 90.20               | 357.90              | 5310.53              | 3467.41                          | -670.95                        | 3525.99           | 0.59               | 1686 | 3668 | 623 | 4644 |
| 8772                | 90.20               | 357.40              | 5310.20              | 3562.33                          | -674.85                        | 3620.58           | 0.53               | 1591 | 3763 | 620 | 4647 |
| 8868                | 90.50               | 357.40              | 5309.62              | 3658.23                          | -679.20                        | 3716.20           | 0.31               | 1496 | 3859 | 617 | 4650 |
| 8964                | 90.40               | 357.80              | 5308.86              | 3754.14                          | -683.22                        | 3811.79           | 0.43               | 1400 | 3955 | 614 | 4652 |
| 9059                | 89.40               | 357.90              | 5309.03              | 3849.07                          | -688.79                        | 3906.35           | 1.06               | 1305 | 4050 | 612 | 4654 |
| 9155                | 88.70               | 358.10              | 5310.62              | 3945.00                          | -690.14                        | 4001.86           | 0.76               | 1209 | 4145 | 610 | 4656 |
| 9211                | 88.50               | 357.40              | 5311.99              | 4000.94                          | -692.33                        | 4057.59           | 1.30               | 1153 | 4201 | 608 | 4658 |
| 9243                | 89.00               | 358.00              | 5312.89              | 4032.91                          | -693.62                        | 4089.44           | 2.44               | 1121 | 4233 | 607 | 4659 |
| 9274                | 89.80               | 359.00              | 5313.01              | 4063.89                          | -694.43                        | 4120.26           | 4.13               | 1090 | 4264 | 607 | 4659 |
| 9306                | 90.20               | 0.10                | 5313.01              | 4095.89                          | -694.88                        | 4152.00           | 3.68               | 1058 | 4296 | 607 | 4659 |
| 9338                | 90.30               | 0.90                | 5312.87              | 4127.89                          | -694.40                        | 4183.68           | 2.52               | 1026 | 4328 | 608 | 4658 |
| 9402                | 91.30               | 1.70                | 5311.98              | 4191.87                          | -692.95                        | 4246.89           | 2.00               | 962  | 4392 | 610 | 4656 |
| 9466                | 90.90               | 1.80                | 5311.53              | 4255.85                          | -691.39                        | 4310.08           | 0.85               | 898  | 4456 | 612 | 4653 |
| 9530                | 90.10               | 1.40                | 5310.97              | 4319.82                          | -689.60                        | 4373.24           | 1.40               | 834  | 4520 | 615 | 4651 |
| 9594                | 90.00               | 1.60                | 5310.92              | 4383.80                          | -687.92                        | 4436.42           | 0.35               | 770  | 4584 | 617 | 4648 |
| 9657                | 90.80               | 1.30                | 5310.48              | 4446.77                          | -688.33                        | 4498.62           | 1.36               | 707  | 4647 | 620 | 4646 |
| 9753                | 90.00               | 1.60                | 5309.81              | 4542.74                          | -683.90                        | 4593.40           | 0.89               | 611  | 4743 | 623 | 4642 |
| 9848                | 89.10               | 1.80                | 5310.55              | 4637.69                          | -681.08                        | 4687.12           | 0.97               | 516  | 4838 | 627 | 4638 |
| 9943                | 88.40               | 2.10                | 5312.82              | 4732.62                          | -677.85                        | 4780.78           | 0.80               | 421  | 4933 | 632 | 4633 |
| 9980                | 88.30               | 2.20                | 5312.91              | 4769.55                          | -676.07                        | 4817.13           | 0.38               | 384  | 4970 | 634 | 4631 |
| 10034               | 88.30               | 2.20                | 5314.51              | 4823.49                          | -674.00                        | 4870.30           | 0.00               | 330  | 5024 | 637 | 4628 |

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