

Reservoir Development

Drilling & Measurements (Anadrill)

4301 SW 44th St

Oklahoma City, Oklahoma 73119 USA

Phone: (405) 682-2284

Fax: (405) 682-3937

March 29, 2013

Cimarex

600 N MARIENFELD STREET SUITE 600

MIDLAND, TX 79701

HOBBS OCD

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Re:

CLIENT: Cimarex  
WELL: Quail 11 State 1H ST01  
FIELD: Scharb; Bone Spring  
RIG: Scan Eagle  
COUNTY: Lea  
API NO: 30-025-40841-01  
JOB NO: 13MLD0175

P-S11-T19S-R34E 210 FSL 660 FEL  
N 32.66817 W 103.52453

Enclosed, please find the original copy of the survey performed on the referenced well by Drilling & Measurements, a division of Schlumberger Technology Corporation.

Other information required by your office is as follows.

| <u>Name &amp; Title of<br/>Surveyor</u> | <u>Drainhole Number</u>              | <u>Surveyed Depths</u>        | <u>Dates Performed</u>              | <u>Type of Survey</u> |
|-----------------------------------------|--------------------------------------|-------------------------------|-------------------------------------|-----------------------|
| Brandon Fluhman<br>MWD                  | Quail 11 State 1H ST01<br>Side Track | 10346.00 Ft to<br>15198.00 Ft | March 15, 2013 to<br>March 27, 2013 | SlimPulse             |

If any other information is required, please contact the undersigned at the above letterhead and phone number.

Sincerely,

Jasem Alharer  
Field Service Manager

NOV 21 2013

## Reservoir Development

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### Well Reference:

P-S11-T19S-R34E 210 FSL 660 FEL

N 32.66817 W 103.52453

I, Brandon Fluhman certify that; I am employed by Drilling & Measurements (formerly Anadrill), a division of Schlumberger Technology Corporation; that I did on the day(s) of March 15, 2013 through March 27, 2013, conduct or supervise the taking of the SlimPulse surveys from a depth of 10346.00 feet to a depth of 15198.00 feet referenced to driller's depth; that the data is true, correct, complete and within the limitations of the tool as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I am authorized and qualified to make this report; that this survey was conducted at the request of Cimarex for the Quail 11 State 1H ST01 Well (Side Track) API No. 30-025-40841-01 and that I have reviewed this report and find that it conforms to the principals and procedures as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation.

By

Brandon Fluhman

MWD

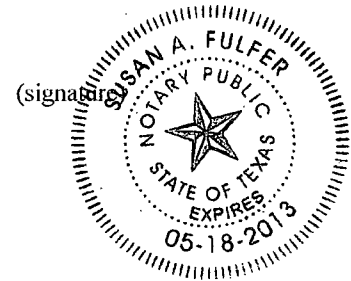
Subscribed and Sworn to before me this 30th day of March (month) 2013 (yr)

My Commission expires:

5/18/13

Susan A. Fulfer  
Notary Public

Midland Texas  
(County State)



SCHLUMBERGER  
Survey Report

19-Apr-2013

Client.....: Cimarex Energy Co.  
Field.....: Scharb; Bone Spring

Well.....: Quail 11 State 1H ST01  
API number.....: 30-025-40841-01  
Engineer.....: Brandon Fluhman

County.....: Lea County  
State.....: New Mexico  
Rig.....: Scan Eagle

Spud date.....: 24-Feb-13  
Last survey date.....: 27-Mar-13  
Total accepted surveys...: 71  
MD of first survey.....: 10346.00 ft  
MD of last survey.....: 15198.00 ft

Latitude.....: 32° 40' 5.428" N  
Longitude.....: 103° 31' 28.308" W

----- Survey calculation methods-----  
Method for positions...: Minimum curvature  
Method for DLS.....: Lubinski

----- Depth reference-----  
Permanent datum.....: MSL  
Depth reference.....: Driller's Depth  
GL above permanent.....: 3961.00  
KB above permanent.....: 3986.00  
DF above permanent.....: 3986.00

----- Vertical section origin-----  
Latitude (+N/S-).....: 0.00 ft  
Departure (+E/W-).....: 0.00 ft

----- Grid Coordinates-----  
NAD27 Texas State Plane, Central Zone, US Feet  
X.....: 790225.10 ft  
Y.....: 607761.20 ft

Azimuth from Vsect Origin to target: 359.50 degrees

-----MWD Survey Reference Criteria-----

-----Run1----- Calculation Date: 15-Mar-2013  
Location G.....: 998.94325 mgn Tolerance G.....: 2.50 mgn  
Location B.....: 48690.27 nT Tolerance B.....: 300.00 nT  
Magnetic Dip: 60.5267 degrees Tolerance Dip: 0.45 degrees

-----Run2----- Calculation Date: 16-Mar-2013  
Location G.....: 998.94325 mgn Tolerance G.....: 2.50 mgn  
Location B.....: 48689.91 nT Tolerance B.....: 300.00 nT  
Magnetic Dip: 60.5266 degrees Tolerance Dip: 0.45 degrees

-----Run3----- Calculation Date: 18-Mar-2013  
Location G.....: 998.94325 mgn Tolerance G.....: 2.50 mgn  
Location B.....: 48689.21 nT Tolerance B.....: 300.00 nT  
Magnetic Dip: 60.5264 degrees Tolerance Dip: 0.45 degrees

-----Run4----- Calculation Date: 20-Mar-2013  
Location G.....: 998.94325 mgn Tolerance G.....: 2.50 mgn  
Location B.....: 48688.5 nT Tolerance B.....: 300.00 nT  
Magnetic Dip: 60.5262 degrees Tolerance Dip: 0.45 degrees

-----Run5----- Calculation Date: 21-Mar-2013  
Location G.....: 998.94325 mgn Tolerance G.....: 2.50 mgn  
Location B.....: 48688.14 nT Tolerance B.....: 300.00 nT  
Magnetic Dip: 60.5261 degrees Tolerance Dip: 0.45 degrees

-----Run6----- Calculation Date: 23-Mar-2013  
Location G.....: 998.94325 mgn Tolerance G.....: 2.50 mgn  
Location B.....: 48687.44 nT Tolerance B.....: 300.00 nT  
Magnetic Dip: 60.5259 degrees Tolerance Dip: 0.45 degrees

BGGM Model: 2012

-----Run1-----  
Magnetic dec (+E/W-).....: 7.4874 degrees  
Grid Conv (+E/W-).....: 0.4374 degrees  
Total Azim Corr (+E/W-)...: 7.05 degrees

-----Run2-----  
Magnetic dec (+E/W-).....: 7.4871 degrees  
Grid Conv (+E/W-).....: 0.4371 degrees  
Total Azim Corr (+E/W-)...: 7.05 degrees

-----Run3-----

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Magnetic dec (+E/W-).....: 7.4865 degrees  
Grid Conv (+E/W-).....: 0.4365 degrees  
Total Azim Corr (+E/W-)...: 7.05 degrees

-----Run4-----  
Magnetic dec (+E/W-).....: 7.4858 degrees  
Grid Conv (+E/W-).....: 0.4358 degrees  
Total Azim Corr (+E/W-)...: 7.05 degrees

-----Run5-----  
Magnetic dec (+E/W-).....: 7.4855 degrees  
Grid Conv (+E/W-).....: 0.4355 degrees  
Total Azim Corr (+E/W-)...: 7.05 degrees

-----Run6-----  
Magnetic dec (+E/W-).....: 7.4849 degrees  
Grid Conv (+E/W-).....: 0.4349 degrees  
Total Azim Corr (+E/W-)...: 7.05 degrees

-----Survey Correction Index Description-----

0 = Uncorrected 1 = Sag Corrected

2 = DMAG Corrected 3 = Sag + DMAG Corrected

| ===== Survey List ===== |            |               |               |                |             |               |              |              |                 |                 |                    |          |            |  |
|-------------------------|------------|---------------|---------------|----------------|-------------|---------------|--------------|--------------|-----------------|-----------------|--------------------|----------|------------|--|
| Seq                     | MD<br>(ft) | Incl<br>(deg) | Azim<br>(deg) | Course<br>(ft) | TVD<br>(ft) | V Sec<br>(ft) | N/-S<br>(ft) | E/-W<br>(ft) | Closure<br>(ft) | at Azi<br>(deg) | DLS<br>(deg/100ft) | Tool     | Correction |  |
| 1                       | 0.00       | 0.00          | 0.00          | -999.25        | 0.00        | 0.00          | 0.00         | 0.00         | 0               | 90.00           | 0.00               | TIP      | 0          |  |
| 2                       | 100.00     | 0.30          | 119.73        | 100.00         | 100.00      | -0.13         | -0.13        | 0.23         | 0.26            | 119.73          | 0.30               | GyroTool | 0          |  |
| 3                       | 200.00     | 0.41          | 121.14        | 100.00         | 200.00      | -0.45         | -0.44        | 0.76         | 0.88            | 120.30          | 0.11               | GyroTool | 0          |  |
| 4                       | 300.00     | 0.48          | 123.54        | 100.00         | 299.99      | -0.87         | -0.86        | 1.42         | 1.66            | 121.30          | 0.07               | GyroTool | 0          |  |
| 5                       | 400.00     | 0.57          | 121.15        | 100.00         | 399.99      | -1.37         | -1.35        | 2.19         | 2.57            | 121.64          | 0.09               | GyroTool | 0          |  |
| 6                       | 500.00     | 0.46          | 66.87         | 100.00         | 499.99      | -1.48         | -1.45        | 2.99         | 3.32            | 115.89          | 0.48               | GyroTool | 0          |  |
| 7                       | 600.00     | 0.66          | 69.27         | 100.00         | 599.98      | -1.12         | -1.09        | 3.89         | 4.04            | 105.61          | 0.20               | GyroTool | 0          |  |
| 8                       | 700.00     | 0.65          | 70.87         | 100.00         | 699.98      | -0.74         | -0.70        | 4.97         | 5.02            | 98.00           | 0.02               | GyroTool | 0          |  |
| 9                       | 875.40     | 0.66          | 104.59        | 175.40         | 875.36      | -0.69         | -0.63        | 6.89         | 6.91            | 95.20           | 0.22               | GyroTool | 0          |  |
| 10                      | 969.90     | 0.68          | 103.61        | 94.50          | 969.86      | -0.97         | -0.90        | 7.96         | 8.01            | 96.42           | 0.02               | GyroTool | 0          |  |
| 11                      | 1064.50    | 0.56          | 108.98        | 94.60          | 1064.45     | -1.26         | -1.18        | 8.94         | 9.02            | 97.51           | 0.14               | GyroTool | 0          |  |
| 12                      | 1159.20    | 0.49          | 121.60        | 94.70          | 1159.15     | -1.63         | -1.54        | 9.72         | 9.84            | 99.00           | 0.14               | GyroTool | 0          |  |
| 13                      | 1254.90    | 0.46          | 139.44        | 95.70          | 1254.85     | -2.14         | -2.05        | 10.32        | 10.52           | 101.22          | 0.16               | GyroTool | 0          |  |
| 14                      | 1348.80    | 0.34          | 158.35        | 93.90          | 1348.74     | -2.69         | -2.59        | 10.67        | 10.98           | 103.66          | 0.19               | GyroTool | 0          |  |
| 15                      | 1443.60    | 0.34          | 203.15        | 94.80          | 1443.54     | -3.21         | -3.11        | 10.66        | 11.11           | 106.27          | 0.27               | GyroTool | 0          |  |
| 16                      | 1538.30    | 0.48          | 220.98        | 94.70          | 1538.24     | -3.76         | -3.67        | 10.29        | 10.93           | 109.63          | 0.20               | GyroTool | 0          |  |
| 17                      | 1633.20    | 0.49          | 228.27        | 94.90          | 1633.14     | -4.33         | -4.24        | 9.73         | 10.61           | 113.55          | 0.07               | GyroTool | 0          |  |
| 18                      | 1727.70    | 0.25          | 239.32        | 94.50          | 1727.63     | -4.70         | -4.61        | 9.25         | 10.34           | 116.52          | 0.26               | GyroTool | 0          |  |
| 19                      | 1822.50    | 0.09          | 272.76        | 94.80          | 1822.43     | -4.79         | -4.72        | 9.00         | 10.16           | 117.67          | 0.19               | GyroTool | 0          |  |
| 20                      | 1917.00    | 0.03          | 33.69         | 94.50          | 1916.93     | -4.77         | -4.69        | 8.94         | 10.09           | 117.70          | 0.11               | GyroTool | 0          |  |
| 21                      | 2011.90    | 0.14          | 80.45         | 94.90          | 2011.83     | -4.73         | -4.65        | 9.06         | 10.19           | 117.17          | 0.13               | GyroTool | 0          |  |
| 22                      | 2106.60    | 0.07          | 76.89         | 94.70          | 2106.53     | -4.70         | -4.62        | 9.24         | 10.33           | 116.58          | 0.07               | GyroTool | 0          |  |
| 23                      | 2201.40    | 0.21          | 74.93         | 94.80          | 2201.33     | -4.64         | -4.56        | 9.46         | 10.5            | 115.75          | 0.15               | GyroTool | 0          |  |
| 24                      | 2296.20    | 0.11          | 88.19         | 94.80          | 2296.13     | -4.60         | -4.51        | 9.72         | 10.72           | 114.91          | 0.11               | GyroTool | 0          |  |
| 25                      | 2391.10    | 0.23          | 57.38         | 94.90          | 2391.03     | -4.50         | -4.41        | 9.97         | 10.9            | 113.85          | 0.15               | GyroTool | 0          |  |
| 26                      | 2486.10    | 0.26          | 84.87         | 95.00          | 2486.03     | -4.38         | -4.29        | 10.34        | 11.2            | 112.51          | 0.13               | GyroTool | 0          |  |
| 27                      | 2580.80    | 0.11          | 85.65         | 94.70          | 2580.73     | -4.35         | -4.26        | 10.65        | 11.47           | 111.80          | 0.16               | GyroTool | 0          |  |
| 28                      | 2675.90    | 0.06          | 336.34        | 95.10          | 2675.83     | -4.30         | -4.21        | 10.72        | 11.52           | 111.43          | 0.15               | GyroTool | 0          |  |
| 29                      | 2770.50    | 0.15          | 23.63         | 94.60          | 2770.43     | -4.14         | -4.05        | 10.75        | 11.49           | 110.64          | 0.12               | GyroTool | 0          |  |
| 30                      | 2864.30    | 0.54          | 16.92         | 93.80          | 2864.23     | -3.61         | -3.51        | 10.93        | 11.48           | 107.82          | 0.42               | GyroTool | 0          |  |
| 31                      | 2959.70    | 0.66          | 8.92          | 95.40          | 2959.62     | -2.64         | -2.54        | 11.14        | 11.43           | 102.84          | 0.15               | GyroTool | 0          |  |
| 32                      | 3054.50    | 0.71          | 1.80          | 94.80          | 3054.42     | -1.51         | -1.41        | 11.25        | 11.34           | 97.17           | 0.10               | GyroTool | 0          |  |
| 33                      | 3149.50    | 0.64          | 332.32        | 95.00          | 3149.41     | -0.45         | -0.36        | 11.02        | 11.03           | 91.85           | 0.37               | GyroTool | 0          |  |
| 34                      | 3244.20    | 0.81          | 324.85        | 94.70          | 3244.10     | 0.57          | 0.66         | 10.39        | 10.41           | 86.37           | 0.21               | GyroTool | 0          |  |
| 35                      | 3338.90    | 0.69          | 329.75        | 94.70          | 3338.79     | 1.61          | 1.70         | 9.72         | 9.86            | 80.08           | 0.14               | GyroTool | 0          |  |
| 36                      | 3433.30    | 0.30          | 312.41        | 94.40          | 3433.19     | 2.28          | 2.36         | 9.25         | 9.54            | 75.70           | 0.44               | GyroTool | 0          |  |
| 37                      | 3464.90    | 0.31          | 277.27        | 31.60          | 3464.79     | 2.34          | 2.42         | 9.10         | 9.42            | 75.09           | 0.58               | GyroTool | 0          |  |
| 38                      | 3528.00    | 0.32          | 290.73        | 63.10          | 3527.89     | 2.43          | 2.51         | 8.77         | 9.12            | 74.04           | 0.12               | GyroTool | 0          |  |
| 39                      | 3604.00    | 0.31          | 348.10        | 76.00          | 3603.89     | 2.71          | 2.78         | 8.53         | 8.97            | 71.92           | 0.40               | Other    | 0          |  |
| 40                      | 3794.00    | 0.22          | 201.59        | 190.00         | 3793.89     | 2.88          | 2.95         | 8.29         | 8.79            | 70.41           | 0.27               | Other    | 0          |  |
| 41                      | 3983.00    | 0.40          | 216.70        | 189.00         | 3982.88     | 2.01          | 2.08         | 7.76         | 8.03            | 74.98           | 0.10               | Other    | 0          |  |
| 42                      | 4173.00    | 0.40          | 205.89        | 190.00         | 4172.88     | 0.89          | 0.95         | 7.07         | 7.14            | 82.32           | 0.04               | Other    | 0          |  |
| 43                      | 4362.00    | 0.40          | 234.99        | 189.00         | 4361.88     | -0.07         | -0.02        | 6.24         | 6.24            | 90.17           | 0.11               | Other    | 0          |  |
| 44                      | 4552.00    | 0.31          | 283.98        | 190.00         | 4551.87     | -0.32         | -0.28        | 5.20         | 5.21            | 93.03           | 0.16               | Other    | 0          |  |
| 45                      | 4741.00    | 0.31          | 324.68        | 189.00         | 4740.87     | 0.23          | 0.27         | 4.41         | 4.42            | 86.55           | 0.11               | Other    | 0          |  |
| 46                      | 4931.00    | 0.40          | 330.79        | 190.00         | 4930.87     | 1.23          | 1.26         | 3.79         | 3.99            | 71.55           | 0.05               | Other    | 0          |  |
| 47                      | 5121.00    | 0.48          | 349.38        | 190.00         | 5120.86     | 2.60          | 2.62         | 3.32         | 4.23            | 51.66           | 0.09               | Other    | 0          |  |
| 48                      | 5310.00    | 0.62          | 9.28          | 189.00         | 5309.85     | 4.38          | 4.41         | 3.34         | 5.53            | 37.11           | 0.12               | Other    | 0          |  |
| 49                      | 5499.00    | 0.79          | 12.18         | 189.00         | 5498.84     | 6.66          | 6.70         | 3.78         | 7.69            | 29.43           | 0.09               | Other    | 0          |  |
| 50                      | 5689.00    | 1.01          | 16.18         | 190.00         | 5688.81     | 9.54          | 9.58         | 4.52         | 10.6            | 25.25           | 0.12               | Other    | 0          |  |
| 51                      | 5877.00    | 1.10          | 15.87         | 188.00         | 5876.78     | 12.86         | 12.91        | 5.48         | 14.02           | 22.98           | 0.05               | Other    | 0          |  |
| 52                      | 6066.00    | 1.19          | 24.88         | 189.00         | 6065.74     | 16.38         | 16.44        | 6.80         | 17.79           | 22.47           | 0.11               | Other    | 0          |  |
| 53                      | 6256.00    | 1.10          | 26.90         | 190.00         | 6255.71     | 19.78         | 19.85        | 8.45         | 21.58           | 23.06           | 0.05               | Other    | 0          |  |
| 54                      | 6443.00    | 1.32          | 30.38         | 187.00         | 6442.67     | 23.22         | 23.31        | 10.35        | 25.51           | 23.95           | 0.12               | Other    | 0          |  |
| 55                      | 6633.00    | 1.19          | 31.87         | 190.00         | 6632.62     | 26.76         | 26.87        | 12.50        | 29.64           | 24.95           | 0.07               | Other    | 0          |  |
| 56                      | 6822.00    | 1.19          | 22.60         | 189.00         | 6821.58     | 30.23         | 30.35        | 14.29        | 33.55           | 25.22           | 0.10               | Other    | 0          |  |
| 57                      | 7011.00    | 1.19          | 8.80          | 189.00         | 7010.54     | 33.97         | 34.10        | 15.35        | 37.4            | 24.23           | 0.15               | Other    | 0          |  |
| 58                      | 7201.00    | 1.10          | 7.70          | 190.00         | 7200.50     | 37.72         | 37.86        | 15.89        | 41.06           | 22.77           | 0.05               | Other    | 0          |  |
| 59                      | 7390.00    | 1.19          | 357.29        | 189.00         | 7389.46     | 41.48         | 41.62        | 16.04        | 44.61           | 21.08           | 0.12               | Other    | 0          |  |

|     |          |       |        |        |          |         |         |        |         |        |       |           |   |
|-----|----------|-------|--------|--------|----------|---------|---------|--------|---------|--------|-------|-----------|---|
| 60  | 7580.00  | 1.10  | 356.01 | 190.00 | 7579.43  | 45.27   | 45.41   | 15.82  | 48.09   | 19.21  | 0.05  | Other     | 0 |
| 61  | 7770.00  | 1.19  | 341.90 | 190.00 | 7769.39  | 48.97   | 49.10   | 15.08  | 51.37   | 17.08  | 0.16  | Other     | 0 |
| 62  | 7959.00  | 1.32  | 336.90 | 189.00 | 7958.34  | 52.85   | 52.97   | 13.62  | 54.7    | 14.42  | 0.09  | Other     | 0 |
| 63  | 8148.00  | 1.32  | 302.66 | 189.00 | 8147.30  | 56.05   | 56.15   | 10.93  | 57.2    | 11.02  | 0.41  | Other     | 0 |
| 64  | 8337.00  | 1.10  | 344.81 | 189.00 | 8336.26  | 59.00   | 59.08   | 8.63   | 59.7    | 8.31   | 0.47  | Other     | 0 |
| 65  | 8527.00  | 1.10  | 347.31 | 190.00 | 8526.22  | 62.54   | 62.61   | 7.75   | 63.09   | 7.05   | 0.03  | Other     | 0 |
| 66  | 8716.00  | 0.79  | 321.07 | 189.00 | 8715.20  | 65.34   | 65.40   | 6.53   | 65.72   | 5.70   | 0.28  | Other     | 0 |
| 67  | 8905.00  | 0.70  | 45.01  | 189.00 | 8904.19  | 67.17   | 67.23   | 6.53   | 67.54   | 5.55   | 0.53  | Other     | 0 |
| 68  | 9094.00  | 0.70  | 45.01  | 189.00 | 9093.17  | 68.79   | 68.86   | 8.16   | 69.34   | 6.76   | 0.00  | Other     | 0 |
| 69  | 9379.00  | 1.01  | 74.28  | 285.00 | 9378.14  | 70.67   | 70.77   | 11.81  | 71.75   | 9.47   | 0.18  | Other     | 0 |
| 70  | 9568.00  | 1.32  | 69.09  | 189.00 | 9567.10  | 71.86   | 72.00   | 15.45  | 73.64   | 12.11  | 0.17  | Other     | 0 |
| 71  | 9757.00  | 1.58  | 61.58  | 189.00 | 9756.04  | 73.84   | 74.02   | 19.77  | 76.61   | 14.96  | 0.17  | Other     | 0 |
| 72  | 9851.00  | 1.71  | 35.08  | 94.00  | 9850.00  | 75.59   | 75.78   | 21.72  | 78.83   | 15.99  | 0.81  | Other     | 0 |
| 73  | 10041.00 | 1.01  | 14.20  | 190.00 | 10039.95 | 79.51   | 79.72   | 23.76  | 83.19   | 16.59  | 0.45  | Other     | 0 |
| 74  | 10230.00 | 0.88  | 320.00 | 189.00 | 10228.93 | 82.25   | 82.45   | 23.23  | 85.66   | 15.74  | 0.46  | Other     | 0 |
| 75  | 10346.00 | 1.34  | 337.93 | 116.00 | 10344.91 | 84.19   | 84.39   | 22.15  | 87.25   | 14.71  | 0.49  | SlimPulse | 0 |
| 76  | 10377.00 | 5.06  | 3.15   | 31.00  | 10375.85 | 85.89   | 86.09   | 22.09  | 88.88   | 14.39  | 12.54 | SlimPulse | 0 |
| 77  | 10409.00 | 8.82  | 3.84   | 32.00  | 10407.61 | 89.75   | 89.95   | 22.33  | 92.68   | 13.94  | 11.75 | SlimPulse | 0 |
| 78  | 10441.00 | 10.90 | 4.39   | 32.00  | 10439.14 | 95.21   | 95.41   | 22.73  | 98.08   | 13.40  | 6.52  | SlimPulse | 0 |
| 79  | 10472.00 | 14.19 | 2.83   | 31.00  | 10469.39 | 101.92  | 102.13  | 23.14  | 104.72  | 12.77  | 10.66 | SlimPulse | 0 |
| 80  | 10504.00 | 16.99 | 4.72   | 32.00  | 10500.21 | 110.50  | 110.71  | 23.72  | 113.22  | 12.09  | 8.90  | SlimPulse | 0 |
| 81  | 10535.00 | 19.41 | 3.34   | 31.00  | 10529.66 | 120.15  | 120.37  | 24.39  | 122.81  | 11.46  | 7.93  | SlimPulse | 0 |
| 82  | 10567.00 | 23.42 | 0.50   | 32.00  | 10559.45 | 131.82  | 132.04  | 24.76  | 134.34  | 10.62  | 12.94 | SlimPulse | 0 |
| 83  | 10599.00 | 27.61 | 358.66 | 32.00  | 10588.32 | 145.60  | 145.82  | 24.64  | 147.89  | 9.59   | 13.32 | SlimPulse | 0 |
| 84  | 10630.00 | 31.46 | 358.20 | 31.00  | 10615.29 | 160.87  | 161.09  | 24.22  | 162.9   | 8.55   | 12.43 | SlimPulse | 0 |
| 85  | 10662.00 | 36.71 | 359.68 | 32.00  | 10641.78 | 178.80  | 179.02  | 23.90  | 180.6   | 7.60   | 16.63 | SlimPulse | 0 |
| 86  | 10693.00 | 40.96 | 1.24   | 31.00  | 10665.92 | 198.23  | 198.45  | 24.07  | 199.9   | 6.91   | 14.05 | SlimPulse | 0 |
| 87  | 10725.00 | 46.63 | 1.70   | 32.00  | 10689.01 | 220.35  | 220.58  | 24.64  | 221.95  | 6.37   | 17.76 | SlimPulse | 0 |
| 88  | 10756.00 | 53.34 | 0.63   | 31.00  | 10708.93 | 244.07  | 244.30  | 25.11  | 245.59  | 5.87   | 21.81 | SlimPulse | 0 |
| 89  | 10788.00 | 59.51 | 359.35 | 32.00  | 10726.62 | 270.72  | 270.95  | 25.10  | 272.11  | 5.29   | 19.56 | SlimPulse | 0 |
| 90  | 10820.00 | 62.08 | 358.90 | 32.00  | 10742.23 | 298.65  | 298.88  | 24.67  | 299.89  | 4.72   | 8.15  | SlimPulse | 0 |
| 91  | 10851.00 | 63.25 | 359.30 | 31.00  | 10756.47 | 326.19  | 326.41  | 24.24  | 327.31  | 4.25   | 3.93  | SlimPulse | 0 |
| 92  | 10883.00 | 64.53 | 358.56 | 32.00  | 10770.55 | 354.92  | 355.14  | 23.70  | 355.93  | 3.82   | 4.51  | SlimPulse | 2 |
| 93  | 10914.00 | 65.58 | 358.28 | 31.00  | 10783.63 | 383.02  | 383.24  | 22.92  | 383.92  | 3.42   | 3.48  | SlimPulse | 2 |
| 94  | 10946.00 | 66.60 | 358.21 | 32.00  | 10796.59 | 412.27  | 412.48  | 22.03  | 413.06  | 3.06   | 3.19  | SlimPulse | 2 |
| 95  | 10977.00 | 68.51 | 358.17 | 31.00  | 10808.43 | 440.91  | 441.11  | 21.12  | 441.62  | 2.74   | 6.16  | SlimPulse | 2 |
| 96  | 11009.00 | 70.92 | 357.08 | 32.00  | 10819.52 | 470.91  | 471.10  | 19.87  | 471.52  | 2.42   | 8.18  | SlimPulse | 2 |
| 97  | 11040.00 | 73.62 | 355.12 | 31.00  | 10828.96 | 500.38  | 500.55  | 17.86  | 500.87  | 2.04   | 10.59 | SlimPulse | 2 |
| 98  | 11072.00 | 77.26 | 354.22 | 32.00  | 10837.01 | 531.23  | 531.39  | 14.98  | 531.6   | 1.62   | 11.70 | SlimPulse | 2 |
| 99  | 11103.00 | 79.76 | 353.48 | 31.00  | 10843.18 | 561.46  | 561.59  | 11.73  | 561.71  | 1.20   | 8.40  | SlimPulse | 2 |
| 100 | 11135.00 | 84.13 | 353.19 | 32.00  | 10847.66 | 592.96  | 593.05  | 8.05   | 593.1   | 0.78   | 13.69 | SlimPulse | 2 |
| 101 | 11167.00 | 88.40 | 353.33 | 32.00  | 10849.75 | 624.69  | 624.75  | 4.31   | 624.77  | 0.39   | 13.35 | SlimPulse | 2 |
| 102 | 11198.00 | 92.03 | 353.95 | 31.00  | 10849.63 | 655.52  | 655.56  | 0.87   | 655.56  | 0.08   | 11.88 | SlimPulse | 2 |
| 103 | 11225.00 | 93.03 | 354.42 | 27.00  | 10848.44 | 682.38  | 682.39  | -1.86  | 682.39  | 359.84 | 4.09  | SlimPulse | 0 |
| 104 | 11320.00 | 92.00 | 354.87 | 95.00  | 10844.27 | 776.95  | 776.88  | -10.72 | 776.96  | 359.21 | 1.19  | SlimPulse | 0 |
| 105 | 11414.00 | 89.41 | 355.20 | 94.00  | 10843.11 | 870.65  | 870.52  | -18.85 | 870.72  | 358.76 | 2.77  | SlimPulse | 0 |
| 106 | 11509.00 | 87.14 | 355.39 | 95.00  | 10845.97 | 965.34  | 965.15  | -26.64 | 965.51  | 358.42 | 2.40  | SlimPulse | 0 |
| 107 | 11604.00 | 86.07 | 356.31 | 95.00  | 10851.59 | 1059.98 | 1059.73 | -33.50 | 1060.26 | 358.19 | 1.48  | SlimPulse | 0 |
| 108 | 11698.00 | 88.56 | 357.95 | 94.00  | 10856.00 | 1153.79 | 1153.50 | -38.21 | 1154.13 | 358.10 | 3.17  | SlimPulse | 0 |
| 109 | 11793.00 | 91.44 | 0.93   | 95.00  | 10855.99 | 1248.77 | 1248.47 | -39.14 | 1249.09 | 358.20 | 4.37  | SlimPulse | 0 |
| 110 | 11888.00 | 92.99 | 2.06   | 95.00  | 10852.32 | 1343.63 | 1343.36 | -36.67 | 1343.86 | 358.44 | 2.01  | SlimPulse | 0 |
| 111 | 11982.00 | 93.10 | 2.96   | 94.00  | 10847.33 | 1437.37 | 1437.14 | -32.56 | 1437.51 | 358.70 | 0.97  | SlimPulse | 0 |
| 112 | 12077.00 | 92.82 | 3.70   | 95.00  | 10842.42 | 1532.03 | 1531.85 | -27.05 | 1532.09 | 358.99 | 0.83  | SlimPulse | 0 |
| 113 | 12172.00 | 92.65 | 4.24   | 95.00  | 10837.89 | 1626.63 | 1626.52 | -20.48 | 1626.65 | 359.28 | 0.59  | SlimPulse | 0 |
| 114 | 12266.00 | 92.34 | 5.38   | 94.00  | 10833.80 | 1720.14 | 1720.10 | -12.60 | 1720.14 | 359.58 | 1.26  | SlimPulse | 0 |
| 115 | 12361.00 | 91.89 | 5.35   | 95.00  | 10830.29 | 1814.58 | 1814.61 | -3.73  | 1814.62 | 359.88 | 0.47  | SlimPulse | 0 |
| 116 | 12455.00 | 92.00 | 5.12   | 94.00  | 10827.10 | 1908.05 | 1908.17 | 4.83   | 1908.18 | 0.15   | 0.27  | SlimPulse | 0 |
| 117 | 12550.00 | 91.68 | 4.60   | 95.00  | 10824.05 | 2002.59 | 2002.78 | 12.88  | 2002.82 | 0.37   | 0.63  | SlimPulse | 0 |
| 118 | 12645.00 | 91.92 | 4.54   | 95.00  | 10821.06 | 2097.17 | 2097.43 | 20.44  | 2097.53 | 0.56   | 0.26  | SlimPulse | 0 |
| 119 | 12739.00 | 91.89 | 3.82   | 94.00  | 10817.93 | 2190.81 | 2191.13 | 27.29  | 2191.3  | 0.71   | 0.76  | SlimPulse | 0 |
| 120 | 12834.00 | 91.86 | 2.43   | 95.00  | 10814.82 | 2285.56 | 2285.93 | 32.47  | 2286.16 | 0.81   | 1.46  | SlimPulse | 0 |
| 121 | 12929.00 | 91.79 | 0.64   | 95.00  | 10811.80 | 2380.45 | 2380.85 | 35.01  | 2381.1  | 0.84   | 1.89  | SlimPulse | 0 |
| 122 | 13023.00 | 91.96 | 359.32 | 94.00  | 10808.73 | 2474.39 | 2474.79 | 34.98  | 2475.04 | 0.81   | 1.41  | SlimPulse | 0 |
| 123 | 13118.00 | 91.92 | 358.07 | 95.00  | 10805.51 | 2569.33 | 2569.71 | 32.81  | 2569.92 | 0.73   | 1.32  | SlimPulse | 0 |
| 124 | 13213.00 | 92.03 | 357.05 | 95.00  | 10802.23 | 2664.22 | 2664.57 | 28.77  | 2664.72 | 0.62   | 1.08  | SlimPulse | 0 |
| 125 | 13307.00 | 91.75 | 357.43 | 94.00  | 10799.13 | 2758.09 | 2758.41 | 24.24  | 2758.51 | 0.50   | 0.50  | SlimPulse | 0 |
| 126 | 13402.00 | 91.93 | 356.85 | 95.00  | 10796.08 | 2852.96 | 2853.24 | 19.50  | 2853.31 | 0.39   | 0.64  | SlimPulse | 0 |
| 127 | 13497.00 | 91.72 | 355.88 | 95.00  | 10793.06 | 2947.77 | 2948.00 | 13.47  | 2948.03 | 0.26   | 1.04  | SlimPulse | 0 |
| 128 | 13591.00 | 90.96 | 355.27 | 94.00  | 10790.86 | 3041.52 | 3041.69 | 6.22   | 3041.7  | 0.12   | 1.03  | SlimPulse | 0 |
| 129 | 13685.00 | 91.58 | 355.64 | 94.00  | 10788.77 | 3135.26 | 3135.37 | -1.23  | 3135.37 | 359.98 | 0.77  | SlimPulse | 0 |
| 130 | 13780.00 | 91.00 | 355.65 | 95.00  | 10786.63 | 3230.03 | 3230.07 | -8.44  | 3230.09 | 359.85 | 0.62  | SlimPulse | 0 |
| 131 | 13874.00 | 91.07 | 356.66 | 94.00  | 10784.94 | 3323.85 | 3323.85 | -14.74 | 3323.88 | 359.75 | 1.07  | SlimPulse | 0 |
| 132 | 13969.00 | 91.00 | 357.36 | 95.00  | 10783.23 | 3418.74 | 3418.70 | -19.69 | 3418.76 | 359.67 | 0.74  | SlimPulse | 0 |
| 133 | 14063.00 | 90.83 | 359.54 | 94.00  | 10781.74 | 3512.71 | 3512.65 | -22.23 | 3512.72 | 359.64 | 2.32  | SlimPulse | 0 |
| 134 | 14158.00 | 90.79 | 359.45 | 95.00  | 10780.40 | 3607.60 | 3607.64 | -23.07 | 3607.71 | 359.63 | 0.10  | SlimPulse | 0 |
| 135 | 14253.00 | 90.58 | 359.32 | 95.00  | 10779.26 | 3702.69 | 3702.62 | -24.09 | 3702.7  | 359.63 | 0.26  | SlimPulse | 0 |
| 136 | 14347.00 | 90.93 | 0.03   | 94.00  | 10778.01 | 3796.68 | 3796.61 | -24.63 | 3796.69 | 359.63 | 0.84  | SlimPulse | 0 |
| 137 | 14442.00 | 90.58 | 359.96 | 95.00  | 10776.76 | 3891.67 | 3891.61 | -24.64 | 3891.68 | 359.64 | 0.37  | SlimPulse | 0 |
| 138 | 14537.00 | 91.00 | 359.94 | 95.00  | 10775.45 | 3986.66 | 3986.60 | -24.72 | 3986.67 | 359.64 | 0.44  | SlimPulse | 0 |
| 139 | 14632.00 | 91.00 | 359.73 | 95.00  | 10773.79 | 4081.64 | 4081.58 | -24.99 | 4081.66 | 359.65 | 0.23  | SlimPulse | 0 |
| 140 | 14726.00 | 91.14 | 359.33 | 94.00  | 10772.04 | 4175.63 | 4175.56 | -25.76 | 4175.64 | 359.65 | 0.44  | SlimPulse | 0 |
| 141 | 14821.00 | 91.07 | 359.04 | 95.00  | 10770.22 | 4270.61 | 4270.53 | -27.11 | 4270.62 | 359.64 | 0.32  | SlimPulse | 0 |
| 142 | 14916.00 | 91.07 | 358.67 | 95.00  | 10768.45 | 4365.59 | 4365.50 | -29.01 | 4365.59 | 359.62 | 0.39  | SlimPulse | 0 |
| 143 | 15010.00 | 90.72 | 357.93 | 94.00  | 10766.99 | 4459.55 | 4459.44 | -31.79 | 4459.56 | 359.59 | 0.87  | SlimPulse | 0 |
| 144 | 15105.00 | 90.96 | 357.65 | 95.00  | 10765.59 | 4554.50 | 4554.36 | -35.46 | 4554.5  | 359.55 | 0.39  | SlimPulse | 0 |
| 145 | 15198.00 | 91.10 | 357.66 | 93.00  | 10763.9  |         |         |        |         |        |       |           |   |