

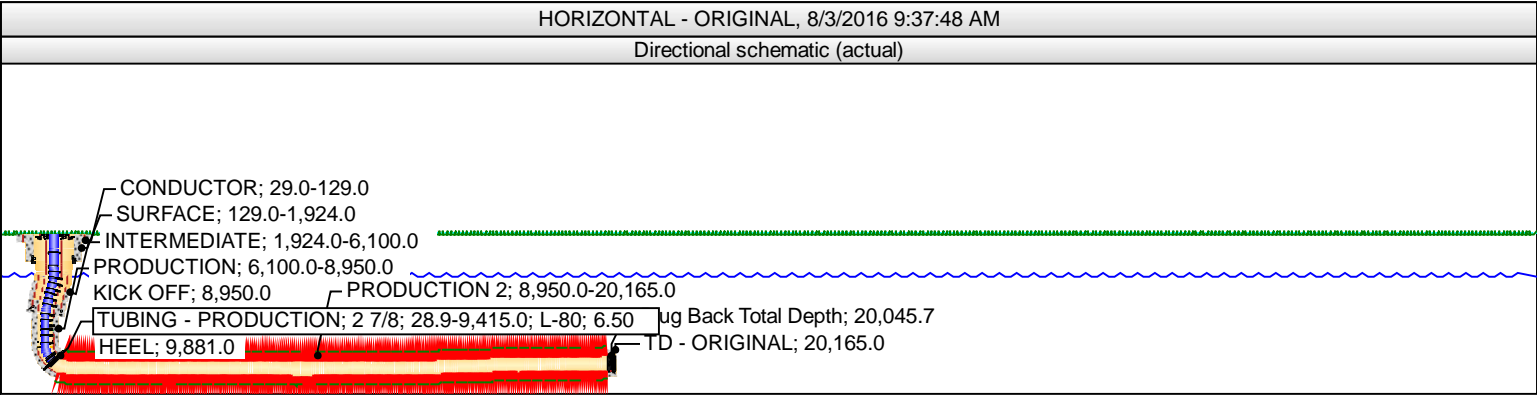
Well Name: UNIVERSITY 7-43 43H

UL Perf Schematic

THIS WELLBORE DIAGRAM IS REFLECTIVE OF THE INFORMATION THAT HAS BEEN PLACED BY FIELD PERSONEL. IF ANY DATA VARIES FROM THE W-2 FILING, THE W-2 SHALL GOVERN.

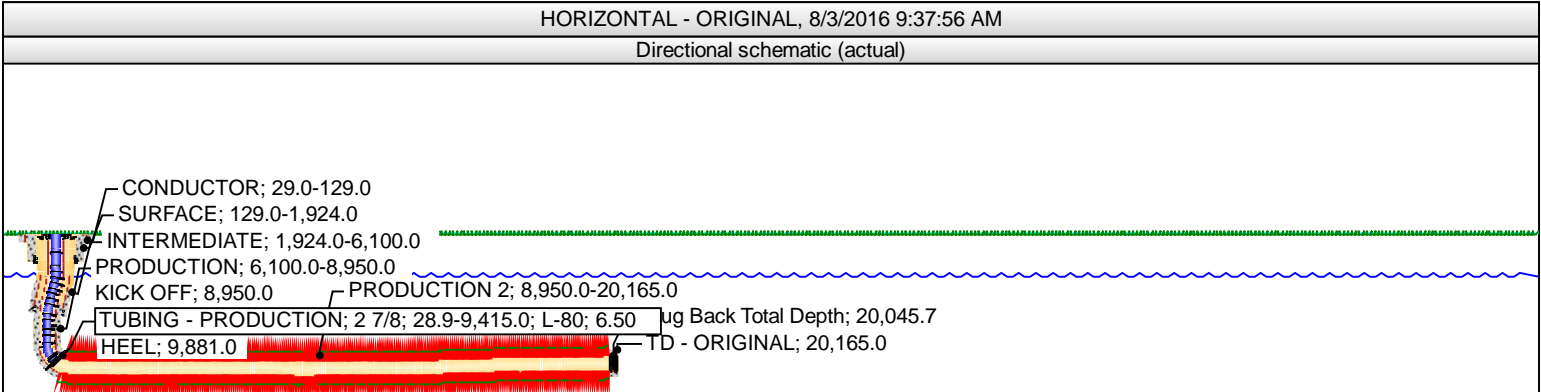
Well Name: UNIVERSITY 7-43 43H

UL Perf Schematic

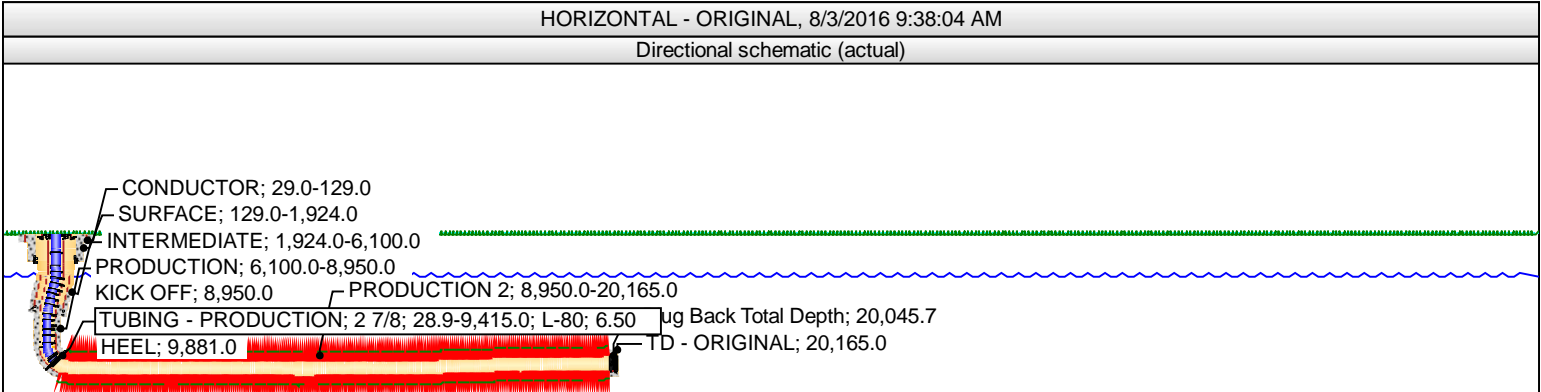


| Perforations | | | | | | | | |
|--------------|-----------|-----------------|-------------------|------------|------------------|------------|------------------|----------------------|
| Int # | Cluster # | Date | Type | Top (ftKB) | Top (TVD) (ftKB) | Btm (ftKB) | Btm (TVD) (ftKB) | Job |
| 32 | 6 | 5/18/2016 07:51 | CONVENTIONAL PERF | 12,358.0 | 9,495.0 | 12,360.0 | 9,495.0 | OCM, 4/22/2016 06:00 |
| 32 | 5 | 5/18/2016 07:50 | CONVENTIONAL PERF | 12,398.0 | 9,494.4 | 12,400.0 | 9,494.4 | OCM, 4/22/2016 06:00 |
| 32 | 4 | 5/18/2016 07:49 | CONVENTIONAL PERF | 12,438.0 | 9,493.4 | 12,440.0 | 9,493.4 | OCM, 4/22/2016 06:00 |
| 32 | 3 | 5/18/2016 07:48 | CONVENTIONAL PERF | 12,478.0 | 9,492.4 | 12,480.0 | 9,492.4 | OCM, 4/22/2016 06:00 |
| 32 | 2 | 5/18/2016 07:47 | CONVENTIONAL PERF | 12,518.0 | 9,491.5 | 12,520.0 | 9,491.5 | OCM, 4/22/2016 06:00 |
| 32 | 1 | 5/18/2016 07:46 | CONVENTIONAL PERF | 12,558.0 | 9,491.0 | 12,560.0 | 9,491.0 | OCM, 4/22/2016 06:00 |
| 31 | 6 | 5/17/2016 22:55 | CONVENTIONAL PERF | 12,597.0 | 9,491.0 | 12,599.0 | 9,491.0 | OCM, 4/22/2016 06:00 |
| 31 | 5 | 5/17/2016 22:55 | CONVENTIONAL PERF | 12,637.0 | 9,491.4 | 12,639.0 | 9,491.4 | OCM, 4/22/2016 06:00 |
| 31 | 4 | 5/17/2016 22:55 | CONVENTIONAL PERF | 12,677.0 | 9,491.9 | 12,679.0 | 9,491.9 | OCM, 4/22/2016 06:00 |
| 31 | 3 | 5/17/2016 22:55 | CONVENTIONAL PERF | 12,717.0 | 9,492.4 | 12,719.0 | 9,492.4 | OCM, 4/22/2016 06:00 |
| 31 | 2 | 5/17/2016 22:55 | CONVENTIONAL PERF | 12,758.0 | 9,492.8 | 12,760.0 | 9,492.8 | OCM, 4/22/2016 06:00 |
| 31 | 1 | 5/17/2016 22:55 | CONVENTIONAL PERF | 12,797.0 | 9,493.0 | 12,799.0 | 9,493.0 | OCM, 4/22/2016 06:00 |
| 30 | 6 | 5/17/2016 14:50 | CONVENTIONAL PERF | 12,836.0 | 9,492.9 | 12,838.0 | 9,492.9 | OCM, 4/22/2016 06:00 |
| 30 | 5 | 5/17/2016 14:49 | CONVENTIONAL PERF | 12,876.0 | 9,492.4 | 12,878.0 | 9,492.3 | OCM, 4/22/2016 06:00 |
| 30 | 4 | 5/17/2016 14:48 | CONVENTIONAL PERF | 12,916.0 | 9,491.6 | 12,918.0 | 9,491.6 | OCM, 4/22/2016 06:00 |
| 30 | 3 | 5/17/2016 14:47 | CONVENTIONAL PERF | 12,956.0 | 9,490.9 | 12,958.0 | 9,490.9 | OCM, 4/22/2016 06:00 |
| 30 | 2 | 5/17/2016 14:46 | CONVENTIONAL PERF | 12,996.0 | 9,490.4 | 12,998.0 | 9,490.3 | OCM, 4/22/2016 06:00 |
| 30 | 1 | 5/17/2016 14:45 | CONVENTIONAL PERF | 13,036.0 | 9,490.2 | 13,038.0 | 9,490.2 | OCM, 4/22/2016 06:00 |
| 29 | 6 | 5/17/2016 05:47 | CONVENTIONAL PERF | 13,075.0 | 9,490.5 | 13,077.0 | 9,490.5 | OCM, 4/22/2016 06:00 |
| 29 | 5 | 5/17/2016 05:46 | CONVENTIONAL PERF | 13,115.0 | 9,490.7 | 13,117.0 | 9,490.7 | OCM, 4/22/2016 06:00 |
| 29 | 4 | 5/17/2016 05:45 | CONVENTIONAL PERF | 13,155.0 | 9,490.7 | 13,157.0 | 9,490.7 | OCM, 4/22/2016 06:00 |
| 29 | 3 | 5/17/2016 05:44 | CONVENTIONAL PERF | 13,195.0 | 9,490.2 | 13,197.0 | 9,490.2 | OCM, 4/22/2016 06:00 |
| 29 | 2 | 5/17/2016 05:43 | CONVENTIONAL PERF | 13,235.0 | 9,489.4 | 13,237.0 | 9,489.3 | OCM, 4/22/2016 06:00 |
| 29 | 1 | 5/17/2016 05:42 | CONVENTIONAL PERF | 13,275.0 | 9,488.1 | 13,277.0 | 9,488.1 | OCM, 4/22/2016 06:00 |
| 28 | 6 | 5/16/2016 14:37 | CONVENTIONAL PERF | 13,314.0 | 9,487.1 | 13,316.0 | 9,487.1 | OCM, 4/22/2016 06:00 |
| 28 | 5 | 5/16/2016 14:36 | CONVENTIONAL PERF | 13,354.0 | 9,486.3 | 13,356.0 | 9,486.3 | OCM, 4/22/2016 06:00 |
| 28 | 4 | 5/16/2016 14:35 | CONVENTIONAL PERF | 13,394.0 | 9,485.6 | 13,396.0 | 9,485.6 | OCM, 4/22/2016 06:00 |
| 28 | 3 | 5/16/2016 14:34 | CONVENTIONAL PERF | 13,434.0 | 9,484.8 | 13,436.0 | 9,484.7 | OCM, 4/22/2016 06:00 |
| 28 | 2 | 5/16/2016 14:33 | CONVENTIONAL PERF | 13,474.0 | 9,483.8 | 13,476.0 | 9,483.8 | OCM, 4/22/2016 06:00 |
| 28 | 1 | 5/16/2016 14:32 | CONVENTIONAL PERF | 13,514.0 | 9,482.9 | 13,516.0 | 9,482.9 | OCM, 4/22/2016 06:00 |
| 27 | 6 | 5/16/2016 03:56 | CONVENTIONAL PERF | 13,553.0 | 9,482.2 | 13,555.0 | 9,482.2 | OCM, 4/22/2016 06:00 |
| 27 | 5 | 5/16/2016 03:55 | CONVENTIONAL PERF | 13,593.0 | 9,482.1 | 13,595.0 | 9,482.1 | OCM, 4/22/2016 06:00 |
| 27 | 4 | 5/16/2016 03:54 | CONVENTIONAL PERF | 13,633.0 | 9,482.8 | 13,635.0 | 9,482.8 | OCM, 4/22/2016 06:00 |
| 27 | 3 | 5/16/2016 03:53 | CONVENTIONAL PERF | 13,673.0 | 9,484.1 | 13,675.0 | 9,484.2 | OCM, 4/22/2016 06:00 |
| 27 | 2 | 5/16/2016 03:52 | CONVENTIONAL PERF | 13,713.0 | 9,485.7 | 13,715.0 | 9,485.8 | OCM, 4/22/2016 06:00 |
| 27 | 1 | 5/16/2016 03:51 | CONVENTIONAL PERF | 13,753.0 | 9,487.8 | 13,755.0 | 9,487.9 | OCM, 4/22/2016 06:00 |
| 26 | 6 | 5/15/2016 19:05 | CONVENTIONAL PERF | 13,792.0 | 9,490.3 | 13,794.0 | 9,490.4 | OCM, 4/22/2016 06:00 |
| 26 | 5 | 5/15/2016 19:05 | CONVENTIONAL PERF | 13,832.0 | 9,493.3 | 13,834.0 | 9,493.4 | OCM, 4/22/2016 06:00 |
| 26 | 4 | 5/15/2016 19:05 | CONVENTIONAL PERF | 13,872.0 | 9,496.2 | 13,874.0 | 9,496.4 | OCM, 4/22/2016 06:00 |
| 26 | 3 | 5/15/2016 19:05 | CONVENTIONAL PERF | 13,912.0 | 9,499.1 | 13,914.0 | 9,499.3 | OCM, 4/22/2016 06:00 |
| 26 | 2 | 5/15/2016 19:05 | CONVENTIONAL PERF | 13,952.0 | 9,501.6 | 13,954.0 | 9,501.7 | OCM, 4/22/2016 06:00 |
| 26 | 1 | 5/15/2016 19:05 | CONVENTIONAL PERF | 13,992.0 | 9,503.7 | 13,994.0 | 9,503.8 | OCM, 4/22/2016 06:00 |
| 25 | 6 | 5/15/2016 10:16 | CONVENTIONAL PERF | 14,031.0 | 9,505.3 | 14,033.0 | 9,505.4 | OCM, 4/22/2016 06:00 |
| 25 | 5 | 5/15/2016 10:15 | CONVENTIONAL PERF | 14,071.0 | 9,506.8 | 14,073.0 | 9,506.8 | OCM, 4/22/2016 06:00 |
| 25 | 4 | 5/15/2016 10:14 | CONVENTIONAL PERF | 14,111.0 | 9,507.9 | 14,113.0 | 9,507.9 | OCM, 4/22/2016 06:00 |
| 25 | 3 | 5/15/2016 10:13 | CONVENTIONAL PERF | 14,151.0 | 9,508.0 | 14,153.0 | 9,508.0 | OCM, 4/22/2016 06:00 |
| 25 | 2 | 5/15/2016 10:12 | CONVENTIONAL PERF | 14,191.0 | 9,507.2 | 14,193.0 | 9,507.1 | OCM, 4/22/2016 06:00 |
| 25 | 1 | 5/15/2016 10:11 | CONVENTIONAL PERF | 14,231.0 | 9,506.5 | 14,233.0 | 9,506.5 | OCM, 4/22/2016 06:00 |
| 24 | 6 | 5/14/2016 23:30 | CONVENTIONAL PERF | 14,270.0 | 9,506.3 | 14,272.0 | 9,506.3 | OCM, 4/22/2016 06:00 |
| 24 | 5 | 5/14/2016 23:29 | CONVENTIONAL PERF | 14,310.0 | 9,506.3 | 14,312.0 | 9,506.3 | OCM, 4/22/2016 06:00 |
| 24 | 4 | 5/14/2016 23:28 | CONVENTIONAL PERF | 14,350.0 | 9,506.5 | 14,352.0 | 9,506.5 | OCM, 4/22/2016 06:00 |
| 24 | 3 | 5/14/2016 23:27 | CONVENTIONAL PERF | 14,390.0 | 9,506.6 | 14,392.0 | 9,506.6 | OCM, 4/22/2016 06:00 |
| 24 | 2 | 5/14/2016 23:26 | CONVENTIONAL PERF | 14,430.0 | 9,506.2 | 14,432.0 | 9,506.1 | OCM, 4/22/2016 06:00 |
| 24 | 1 | 5/14/2016 23:25 | CONVENTIONAL PERF | 14,470.0 | 9,505.2 | 14,472.0 | 9,505.1 | OCM, 4/22/2016 06:00 |
| 23 | 6 | 5/14/2016 15:36 | CONVENTIONAL PERF | 14,509.0 | 9,503.7 | 14,511.0 | 9,503.7 | OCM, 4/22/2016 06:00 |
| 23 | 5 | 5/14/2016 15:35 | CONVENTIONAL PERF | 14,549.0 | 9,501.8 | 14,551.0 | 9,501.7 | OCM, 4/22/2016 06:00 |
| 23 | 4 | 5/14/2016 15:34 | CONVENTIONAL PERF | 14,589.0 | 9,499.6 | 14,591.0 | 9,499.5 | OCM, 4/22/2016 06:00 |
| 23 | 3 | 5/14/2016 15:33 | CONVENTIONAL PERF | 14,629.0 | 9,497.5 | 14,631.0 | 9,497.4 | OCM, 4/22/2016 06:00 |
| 23 | 2 | 5/14/2016 15:32 | CONVENTIONAL PERF | 14,669.0 | 9,495.5 | 14,671.0 | 9,495.3 | OCM, 4/22/2016 06:00 |
| 23 | 1 | 5/14/2016 15:31 | CONVENTIONAL PERF | 14,709.0 | 9,493.4 | 14,711.0 | 9,493.3 | OCM, 4/22/2016 06:00 |
| 22 | 6 | 5/14/2016 04:31 | CONVENTIONAL PERF | 14,748.0 | 9,491.5 | 14,750.0 | 9,491.4 | OCM, 4/22/2016 06:00 |
| 22 | 5 | 5/14/2016 04:30 | CONVENTIONAL PERF | 14,788.0 | 9,489.7 | 14,790.0 | 9,489.7 | OCM, 4/22/2016 06:00 |
| 22 | 4 | 5/14/2016 04:29 | CONVENTIONAL PERF | 14,828.0 | 9,488.2 | 14,830.0 | 9,488.1 | OCM, 4/22/2016 06:00 |
| 22 | 3 | 5/14/2016 04:28 | CONVENTIONAL PERF | 14,868.0 | 9,486.8 | 14,870.0 | 9,486.7 | OCM, 4/22/2016 06:00 |
| 22 | 2 | 5/14/2016 04:27 | CONVENTIONAL PERF | 14,908.0 | 9,485.6 | 14,910.0 | 9,485.6 | OCM, 4/22/2016 06:00 |
| 22 | 1 | 5/14/2016 04:26 | CONVENTIONAL PERF | 14,948.0 | 9,484.8 | 14,950.0 | 9,484.8 | OCM, 4/22/2016 06:00 |
| 21 | 6 | 5/13/2016 19:30 | CONVENTIONAL PERF | 14,987.0 | 9,484.6 | 14,989.0 | 9,484.7 | OCM, 4/22/2016 06:00 |

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| Perforations | | | | | | | | |
|--------------|-----------|-----------------|-------------------|------------|------------------|------------|------------------|----------------------|
| Int # | Cluster # | Date | Type | Top (ftKB) | Top (TVD) (ftKB) | Btm (ftKB) | Btm (TVD) (ftKB) | Job |
| 21 | 5 | 5/13/2016 19:30 | CONVENTIONAL PERF | 15,027.0 | 9,485.2 | 15,029.0 | 9,485.2 | OCM, 4/22/2016 06:00 |
| 21 | 4 | 5/13/2016 19:30 | CONVENTIONAL PERF | 15,067.0 | 9,485.3 | 15,069.0 | 9,485.3 | OCM, 4/22/2016 06:00 |
| 21 | 3 | 5/13/2016 19:30 | CONVENTIONAL PERF | 15,107.0 | 9,484.6 | 15,109.0 | 9,484.6 | OCM, 4/22/2016 06:00 |
| 21 | 2 | 5/13/2016 19:30 | CONVENTIONAL PERF | 15,147.0 | 9,483.5 | 15,149.0 | 9,483.5 | OCM, 4/22/2016 06:00 |
| 21 | 1 | 5/13/2016 19:30 | CONVENTIONAL PERF | 15,187.0 | 9,482.6 | 15,189.0 | 9,482.5 | OCM, 4/22/2016 06:00 |
| 20 | 6 | 5/13/2016 10:23 | CONVENTIONAL PERF | 15,226.0 | 9,481.8 | 15,228.0 | 9,481.8 | OCM, 4/22/2016 06:00 |
| 20 | 5 | 5/13/2016 10:22 | CONVENTIONAL PERF | 15,266.0 | 9,481.4 | 15,268.0 | 9,481.3 | OCM, 4/22/2016 06:00 |
| 20 | 4 | 5/13/2016 10:21 | CONVENTIONAL PERF | 15,306.0 | 9,481.1 | 15,308.0 | 9,481.1 | OCM, 4/22/2016 06:00 |
| 20 | 3 | 5/13/2016 10:20 | CONVENTIONAL PERF | 15,346.0 | 9,481.0 | 15,348.0 | 9,481.0 | OCM, 4/22/2016 06:00 |
| 20 | 2 | 5/13/2016 10:19 | CONVENTIONAL PERF | 15,386.0 | 9,480.9 | 15,388.0 | 9,480.9 | OCM, 4/22/2016 06:00 |
| 20 | 1 | 5/13/2016 10:18 | CONVENTIONAL PERF | 15,426.0 | 9,481.1 | 15,428.0 | 9,481.1 | OCM, 4/22/2016 06:00 |
| 19 | 6 | 5/13/2016 00:52 | CONVENTIONAL PERF | 15,465.0 | 9,481.9 | 15,467.0 | 9,482.0 | OCM, 4/22/2016 06:00 |
| 19 | 5 | 5/13/2016 00:51 | CONVENTIONAL PERF | 15,505.0 | 9,483.4 | 15,507.0 | 9,483.4 | OCM, 4/22/2016 06:00 |
| 19 | 4 | 5/13/2016 00:50 | CONVENTIONAL PERF | 15,545.0 | 9,484.6 | 15,547.0 | 9,484.7 | OCM, 4/22/2016 06:00 |
| 19 | 3 | 5/13/2016 00:49 | CONVENTIONAL PERF | 15,585.0 | 9,485.6 | 15,587.0 | 9,485.7 | OCM, 4/22/2016 06:00 |
| 19 | 2 | 5/13/2016 00:48 | CONVENTIONAL PERF | 15,625.0 | 9,486.6 | 15,627.0 | 9,486.6 | OCM, 4/22/2016 06:00 |
| 19 | 1 | 5/13/2016 00:47 | CONVENTIONAL PERF | 15,665.0 | 9,487.6 | 15,667.0 | 9,487.6 | OCM, 4/22/2016 06:00 |
| 18 | 6 | 5/12/2016 16:30 | CONVENTIONAL PERF | 15,704.0 | 9,488.6 | 15,706.0 | 9,488.7 | OCM, 4/22/2016 06:00 |
| 18 | 5 | 5/12/2016 16:29 | CONVENTIONAL PERF | 15,744.0 | 9,489.8 | 15,746.0 | 9,489.8 | OCM, 4/22/2016 06:00 |
| 18 | 4 | 5/12/2016 16:28 | CONVENTIONAL PERF | 15,784.0 | 9,490.9 | 15,786.0 | 9,491.0 | OCM, 4/22/2016 06:00 |
| 18 | 3 | 5/12/2016 16:27 | CONVENTIONAL PERF | 15,824.0 | 9,491.1 | 15,826.0 | 9,491.0 | OCM, 4/22/2016 06:00 |
| 18 | 2 | 5/12/2016 16:26 | CONVENTIONAL PERF | 15,864.0 | 9,490.0 | 15,866.0 | 9,489.9 | OCM, 4/22/2016 06:00 |
| 18 | 1 | 5/12/2016 16:25 | CONVENTIONAL PERF | 15,904.0 | 9,488.8 | 15,906.0 | 9,488.8 | OCM, 4/22/2016 06:00 |
| 17 | 6 | 5/12/2016 06:56 | CONVENTIONAL PERF | 15,943.0 | 9,488.1 | 15,945.0 | 9,488.1 | OCM, 4/22/2016 06:00 |
| 17 | 5 | 5/12/2016 06:55 | CONVENTIONAL PERF | 15,983.0 | 9,487.7 | 15,985.0 | 9,487.7 | OCM, 4/22/2016 06:00 |
| 17 | 4 | 5/12/2016 06:54 | CONVENTIONAL PERF | 16,023.0 | 9,487.1 | 16,025.0 | 9,487.0 | OCM, 4/22/2016 06:00 |
| 17 | 3 | 5/12/2016 06:53 | CONVENTIONAL PERF | 16,063.0 | 9,486.1 | 16,065.0 | 9,486.1 | OCM, 4/22/2016 06:00 |
| 17 | 2 | 5/12/2016 06:52 | CONVENTIONAL PERF | 16,103.0 | 9,485.4 | 16,105.0 | 9,485.4 | OCM, 4/22/2016 06:00 |
| 17 | 1 | 5/12/2016 06:51 | CONVENTIONAL PERF | 16,143.0 | 9,485.1 | 16,145.0 | 9,485.1 | OCM, 4/22/2016 06:00 |
| 16 | 6 | 5/11/2016 23:01 | CONVENTIONAL PERF | 16,182.0 | 9,484.7 | 16,184.0 | 9,484.7 | OCM, 4/22/2016 06:00 |
| 16 | 5 | 5/11/2016 23:00 | CONVENTIONAL PERF | 16,222.0 | 9,483.9 | 16,224.0 | 9,483.8 | OCM, 4/22/2016 06:00 |
| 16 | 4 | 5/11/2016 22:59 | CONVENTIONAL PERF | 16,262.0 | 9,482.7 | 16,264.0 | 9,482.7 | OCM, 4/22/2016 06:00 |
| 16 | 3 | 5/11/2016 22:58 | CONVENTIONAL PERF | 16,302.0 | 9,481.5 | 16,304.0 | 9,481.4 | OCM, 4/22/2016 06:00 |
| 16 | 2 | 5/11/2016 22:57 | CONVENTIONAL PERF | 16,342.0 | 9,480.3 | 16,344.0 | 9,480.2 | OCM, 4/22/2016 06:00 |
| 16 | 1 | 5/11/2016 22:56 | CONVENTIONAL PERF | 16,382.0 | 9,479.3 | 16,384.0 | 9,479.3 | OCM, 4/22/2016 06:00 |
| 15 | 6 | 5/11/2016 12:50 | CONVENTIONAL PERF | 16,421.0 | 9,478.6 | 16,423.0 | 9,478.6 | OCM, 4/22/2016 06:00 |
| 15 | 5 | 5/11/2016 12:49 | CONVENTIONAL PERF | 16,461.0 | 9,477.8 | 16,463.0 | 9,477.7 | OCM, 4/22/2016 06:00 |
| 15 | 4 | 5/11/2016 12:48 | CONVENTIONAL PERF | 16,501.0 | 9,476.1 | 16,503.0 | 9,476.0 | OCM, 4/22/2016 06:00 |
| 15 | 3 | 5/11/2016 12:47 | CONVENTIONAL PERF | 16,541.0 | 9,473.9 | 16,543.0 | 9,473.8 | OCM, 4/22/2016 06:00 |
| 15 | 2 | 5/11/2016 12:46 | CONVENTIONAL PERF | 16,581.0 | 9,472.6 | 16,583.0 | 9,472.6 | OCM, 4/22/2016 06:00 |
| 15 | 1 | 5/11/2016 12:45 | CONVENTIONAL PERF | 16,621.0 | 9,472.3 | 16,623.0 | 9,472.3 | OCM, 4/22/2016 06:00 |
| 14 | 6 | 5/10/2016 23:31 | CONVENTIONAL PERF | 16,660.0 | 9,472.3 | 16,662.0 | 9,472.3 | OCM, 4/22/2016 06:00 |
| 14 | 5 | 5/10/2016 23:30 | CONVENTIONAL PERF | 16,700.0 | 9,472.3 | 16,702.0 | 9,472.3 | OCM, 4/22/2016 06:00 |
| 14 | 4 | 5/10/2016 23:29 | CONVENTIONAL PERF | 16,740.0 | 9,472.1 | 16,742.0 | 9,472.1 | OCM, 4/22/2016 06:00 |
| 14 | 3 | 5/10/2016 23:28 | CONVENTIONAL PERF | 16,780.0 | 9,471.4 | 16,782.0 | 9,471.4 | OCM, 4/22/2016 06:00 |
| 14 | 2 | 5/10/2016 23:27 | CONVENTIONAL PERF | 16,820.0 | 9,470.3 | 16,822.0 | 9,470.2 | OCM, 4/22/2016 06:00 |
| 14 | 1 | 5/10/2016 23:26 | CONVENTIONAL PERF | 16,860.0 | 9,468.7 | 16,862.0 | 9,468.6 | OCM, 4/22/2016 06:00 |
| 13 | 6 | 5/10/2016 13:45 | CONVENTIONAL PERF | 16,899.0 | 9,466.8 | 16,901.0 | 9,466.7 | OCM, 4/22/2016 06:00 |
| 13 | 5 | 5/10/2016 13:44 | CONVENTIONAL PERF | 16,939.0 | 9,464.8 | 16,941.0 | 9,464.8 | OCM, 4/22/2016 06:00 |
| 13 | 4 | 5/10/2016 13:43 | CONVENTIONAL PERF | 16,979.0 | 9,463.3 | 16,981.0 | 9,463.2 | OCM, 4/22/2016 06:00 |
| 13 | 3 | 5/10/2016 13:42 | CONVENTIONAL PERF | 17,019.0 | 9,461.9 | 17,021.0 | 9,461.8 | OCM, 4/22/2016 06:00 |
| 13 | 2 | 5/10/2016 13:41 | CONVENTIONAL PERF | 17,059.0 | 9,460.5 | 17,061.0 | 9,460.4 | OCM, 4/22/2016 06:00 |
| 13 | 1 | 5/10/2016 13:40 | CONVENTIONAL PERF | 17,099.0 | 9,458.9 | 17,101.0 | 9,458.9 | OCM, 4/22/2016 06:00 |
| 12 | 6 | 5/10/2016 04:01 | CONVENTIONAL PERF | 17,138.0 | 9,457.4 | 17,140.0 | 9,457.3 | OCM, 4/22/2016 06:00 |
| 12 | 5 | 5/10/2016 04:00 | CONVENTIONAL PERF | 17,178.0 | 9,455.6 | 17,180.0 | 9,455.6 | OCM, 4/22/2016 06:00 |
| 12 | 4 | 5/10/2016 03:59 | CONVENTIONAL PERF | 17,218.0 | 9,454.2 | 17,220.0 | 9,454.1 | OCM, 4/22/2016 06:00 |
| 12 | 3 | 5/10/2016 03:58 | CONVENTIONAL PERF | 17,258.0 | 9,453.1 | 17,260.0 | 9,453.0 | OCM, 4/22/2016 06:00 |
| 12 | 2 | 5/10/2016 03:57 | CONVENTIONAL PERF | 17,298.0 | 9,452.5 | 17,300.0 | 9,452.4 | OCM, 4/22/2016 06:00 |
| 12 | 1 | 5/10/2016 03:56 | CONVENTIONAL PERF | 17,338.0 | 9,452.3 | 17,340.0 | 9,452.3 | OCM, 4/22/2016 06:00 |
| 11 | 6 | 5/9/2016 19:00 | CONVENTIONAL PERF | 17,377.0 | 9,452.5 | 17,379.0 | 9,452.5 | OCM, 4/22/2016 06:00 |
| 11 | 5 | 5/9/2016 18:59 | CONVENTIONAL PERF | 17,417.0 | 9,452.2 | 17,419.0 | 9,452.1 | OCM, 4/22/2016 06:00 |
| 11 | 4 | 5/9/2016 18:58 | CONVENTIONAL PERF | 17,457.0 | 9,451.1 | 17,459.0 | 9,451.0 | OCM, 4/22/2016 06:00 |
| 11 | 3 | 5/9/2016 18:57 | CONVENTIONAL PERF | 17,497.0 | 9,449.4 | 17,499.0 | 9,449.3 | OCM, 4/22/2016 06:00 |
| 11 | 2 | 5/9/2016 18:56 | CONVENTIONAL PERF | 17,537.0 | 9,447.1 | 17,539.0 | 9,447.0 | OCM, 4/22/2016 06:00 |
| 11 | 1 | 5/9/2016 18:55 | CONVENTIONAL PERF | 17,577.0 | 9,444.7 | 17,579.0 | 9,444.6 | OCM, 4/22/2016 06:00 |
| 10 | 6 | 5/9/2016 09:55 | CONVENTIONAL PERF | 17,616.0 | 9,443.2 | 17,618.0 | 9,443.2 | OCM, 4/22/2016 06:00 |
| 10 | 5 | 5/9/2016 09:54 | CONVENTIONAL PERF | 17,656.0 | 9,442.7 | 17,658.0 | 9,442.6 | OCM, 4/22/2016 06:00 |
| Page 3/4 | | | | | | | | |



| Perforations | | | | | | | | |
|--------------|-----------|----------------|-------------------|------------|------------------|------------|------------------|----------------------|
| Int # | Cluster # | Date | Type | Top (ftKB) | Top (TVD) (ftKB) | Btm (ftKB) | Btm (TVD) (ftKB) | Job |
| 10 | 4 | 5/9/2016 09:53 | CONVENTIONAL PERF | 17,696.0 | 9,441.4 | 17,698.0 | 9,441.3 | OCM, 4/22/2016 06:00 |
| 10 | 3 | 5/9/2016 09:52 | CONVENTIONAL PERF | 17,736.0 | 9,438.9 | 17,738.0 | 9,438.7 | OCM, 4/22/2016 06:00 |
| 10 | 2 | 5/9/2016 09:51 | CONVENTIONAL PERF | 17,776.0 | 9,436.0 | 17,778.0 | 9,435.8 | OCM, 4/22/2016 06:00 |
| 10 | 1 | 5/9/2016 09:50 | CONVENTIONAL PERF | 17,816.0 | 9,433.3 | 17,818.0 | 9,433.2 | OCM, 4/22/2016 06:00 |
| 9 | 6 | 5/9/2016 00:37 | CONVENTIONAL PERF | 17,855.0 | 9,431.1 | 17,857.0 | 9,431.0 | OCM, 4/22/2016 06:00 |
| 9 | 5 | 5/9/2016 00:36 | CONVENTIONAL PERF | 17,895.0 | 9,429.6 | 17,897.0 | 9,429.5 | OCM, 4/22/2016 06:00 |
| 9 | 4 | 5/9/2016 00:35 | CONVENTIONAL PERF | 17,935.0 | 9,429.0 | 17,937.0 | 9,428.9 | OCM, 4/22/2016 06:00 |
| 9 | 3 | 5/9/2016 00:34 | CONVENTIONAL PERF | 17,975.0 | 9,429.0 | 17,977.0 | 9,429.0 | OCM, 4/22/2016 06:00 |
| 9 | 2 | 5/9/2016 00:33 | CONVENTIONAL PERF | 18,015.0 | 9,429.1 | 18,017.0 | 9,429.1 | OCM, 4/22/2016 06:00 |
| 9 | 1 | 5/9/2016 00:32 | CONVENTIONAL PERF | 18,055.0 | 9,429.3 | 18,057.0 | 9,429.4 | OCM, 4/22/2016 06:00 |
| 8 | 6 | 5/8/2016 15:25 | CONVENTIONAL PERF | 18,094.0 | 9,429.6 | 18,096.0 | 9,429.6 | OCM, 4/22/2016 06:00 |
| 8 | 5 | 5/8/2016 15:25 | CONVENTIONAL PERF | 18,134.0 | 9,429.7 | 18,136.0 | 9,429.7 | OCM, 4/22/2016 06:00 |
| 8 | 4 | 5/8/2016 15:25 | CONVENTIONAL PERF | 18,176.0 | 9,429.9 | 18,178.0 | 9,429.9 | OCM, 4/22/2016 06:00 |
| 8 | 3 | 5/8/2016 15:25 | CONVENTIONAL PERF | 18,210.0 | 9,430.0 | 18,212.0 | 9,430.0 | OCM, 4/22/2016 06:00 |
| 8 | 2 | 5/8/2016 15:25 | CONVENTIONAL PERF | 18,250.0 | 9,430.2 | 18,252.0 | 9,430.2 | OCM, 4/22/2016 06:00 |
| 8 | 1 | 5/8/2016 15:25 | CONVENTIONAL PERF | 18,290.0 | 9,430.4 | 18,296.0 | 9,430.4 | OCM, 4/22/2016 06:00 |
| 7 | 6 | 5/8/2016 03:37 | CONVENTIONAL PERF | 18,333.0 | 9,430.7 | 18,335.0 | 9,430.7 | OCM, 4/22/2016 06:00 |
| 7 | 5 | 5/8/2016 03:36 | CONVENTIONAL PERF | 18,373.0 | 9,430.5 | 18,375.0 | 9,430.5 | OCM, 4/22/2016 06:00 |
| 7 | 4 | 5/8/2016 03:35 | CONVENTIONAL PERF | 18,413.0 | 9,429.7 | 18,415.0 | 9,429.7 | OCM, 4/22/2016 06:00 |
| 7 | 3 | 5/8/2016 03:34 | CONVENTIONAL PERF | 18,453.0 | 9,428.2 | 18,455.0 | 9,428.1 | OCM, 4/22/2016 06:00 |
| 7 | 2 | 5/8/2016 03:33 | CONVENTIONAL PERF | 18,493.0 | 9,426.0 | 18,495.0 | 9,425.8 | OCM, 4/22/2016 06:00 |
| 7 | 1 | 5/8/2016 03:32 | CONVENTIONAL PERF | 18,533.0 | 9,423.4 | 18,535.0 | 9,423.3 | OCM, 4/22/2016 06:00 |
| 6 | 6 | 5/7/2016 15:35 | CONVENTIONAL PERF | 18,572.0 | 9,422.1 | 18,574.0 | 9,422.1 | OCM, 4/22/2016 06:00 |
| 6 | 5 | 5/7/2016 15:35 | CONVENTIONAL PERF | 18,612.0 | 9,422.0 | 18,614.0 | 9,422.0 | OCM, 4/22/2016 06:00 |
| 6 | 4 | 5/7/2016 15:35 | CONVENTIONAL PERF | 18,652.0 | 9,422.1 | 18,654.0 | 9,422.1 | OCM, 4/22/2016 06:00 |
| 6 | 3 | 5/7/2016 15:35 | CONVENTIONAL PERF | 18,692.0 | 9,422.0 | 18,694.0 | 9,422.0 | OCM, 4/22/2016 06:00 |
| 6 | 2 | 5/7/2016 15:35 | CONVENTIONAL PERF | 18,732.0 | 9,421.6 | 18,734.0 | 9,421.6 | OCM, 4/22/2016 06:00 |
| 6 | 1 | 5/7/2016 15:35 | CONVENTIONAL PERF | 18,772.0 | 9,420.7 | 18,774.0 | 9,420.6 | OCM, 4/22/2016 06:00 |
| 5 | 6 | 5/7/2016 05:36 | CONVENTIONAL PERF | 18,811.0 | 9,419.4 | 18,813.0 | 9,419.3 | OCM, 4/22/2016 06:00 |
| 5 | 5 | 5/7/2016 05:34 | CONVENTIONAL PERF | 18,851.0 | 9,418.2 | 18,853.0 | 9,418.2 | OCM, 4/22/2016 06:00 |
| 5 | 4 | 5/7/2016 05:33 | CONVENTIONAL PERF | 18,891.0 | 9,417.3 | 18,893.0 | 9,417.2 | OCM, 4/22/2016 06:00 |
| 5 | 3 | 5/7/2016 05:32 | CONVENTIONAL PERF | 18,931.0 | 9,416.3 | 18,933.0 | 9,416.2 | OCM, 4/22/2016 06:00 |
| 5 | 2 | 5/7/2016 05:31 | CONVENTIONAL PERF | 18,971.0 | 9,415.2 | 18,973.0 | 9,415.2 | OCM, 4/22/2016 06:00 |
| 5 | 1 | 5/7/2016 05:30 | CONVENTIONAL PERF | 19,011.0 | 9,413.9 | 19,013.0 | 9,413.8 | OCM, 4/22/ |

Hi Michelle,

This is the main issue we're going to run into with the perf diagrams you have requested going forward. Most of our wells have a toe sleeve in the production string. If the sleeve opens as planned, we have to count it in our perfs on the W-2, but it won't show up on the perf diagram as it's not a "traditional perf". So for the majority of the wells I will send you information on, there will be this type of discrepancy between the W-2 & perf diagram.

Casi Renfro

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