

## DRILLING REPORT

|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|---------------------------|--|-------|----------------|------|--------------------------------------|-----------------|--|---|------------|------------------------|--|----------|--|------|-------------|--------------------|----|--------|------|------------------------------------|------------|----|-------|----------|---------|--------|-------|-------|--|--------------|--|-----|-------|-----|--------|-------|--|--|---------|--|--|----------|--|--|----|--|--|
| WELL: UL Urad 1609-21 1H  |  |       |                |      |                                      |                 |  |   |            | SPUD DATE: Cactus      |  |          |  |      |             |                    |    |        |      | RIG: Cactus 129                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
| RPT DATE: June 4, 2017    |  |       |                |      |                                      |                 |  |   |            | DFS: 7                 |  |          |  |      | CASING      |                    |    |        |      | OD                                 |            | WT |       | GRD      |         | MD     |       | TVD   |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
| API #: 42495338430000     |  |       |                |      |                                      |                 |  |   |            | REPORT NO: 8           |  |          |  |      | Conductor   |                    |    |        |      | 13-3/8                             |            | 55 |       | J55      |         | 1,105  |       | 1,105 |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
| FIELD: Phantom (Wolfcamp) |  |       |                |      | DOL: 13                              |                 |  |   |            | Intermediate           |  |          |  |      | 10-3/4      |                    | 46 |        | J-55 |                                    | 5,090      |    | 5,065 |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
| ELEV: 2,807               |  |       |                |      | RKB: 31                              |                 |  |   |            | LAST BOP TEST: 5/29/17 |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
| MD: 8,600                 |  |       |                |      | TVD: 8,575                           |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
| 24 HR FTG: 1,080          |  |       |                |      | HRS DRLG: 23                         |                 |  |   |            | CSGHD: 2,807           |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
| DRILLING FLUID            |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  | SHOE TEST:   |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
| TIME                      |  | MW    |                | FV   |                                      | WL              |  | 3RPM  |            | 6RPM                   |  | PH       |  | CAKE |             | GELS (10s/10m/30m) |    | PV     |      | YP                                 |            | CL |       | K        |         | Pf     |       | Mf    |  | Ca           |  | OIL |       | LGS |        | HTHP  |  |  |         |  |  |          |  |  |    |  |  |
| 16:00                     |  | 8.9   |                | 30.0 |                                      |                 |  | 1   |            | 1                      |  | 11.0     |  | 1    |             | 1                  |    | 1      |      | 1                                  |            | 1  |       | 42,000   |         |        |       | 0.23  |  | 0.24         |  |     |       |     |        | 0.42  |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      | REDUCED PUMP RATES                 |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      | PUMP                               |            |    |       |          | SPM     |        |       |       |  | PRESS        |  |     |       |     | DEPTH  |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      | #1                                 |            |    |       |          | 30      |        |       |       |  | 115          |  |     |       |     | 8,362  |       |  |  |         |  |  |          |  |  |    |  |  |
| #2                        |  |       |                |      | 30                                   |                 |  |   |            | 110                    |  |          |  |      | 8,362       |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
| BIT DATA                  |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
| NO.                       |  |       | SIZE           |      |                                      | MAKE            |  |   | TYPE       |                        |  | SER NO.  |  |      | NOZZLES     |                    |    | RE-RUN |      |                                    | IN         |    |       | OUT      |         |        | FEET  |       |  | HRS          |  |     | WOB   |     |        | RPM   |  |  | ROP     |  |  |          |  |  |    |  |  |
| 3                         |  |       | 9.88           |      |                                      | Smith           |  |   | PDC MM55DC |                        |  | 12917186 |  |      | 7 x 16      |                    |    |        |      |                                    | 7,520      |    |       | 8,600    |         |        | 1,080 |       |  | 23.5         |  |     | 34    |     |        | 74    |  |  | 46      |  |  |          |  |  |    |  |  |
| BIT NO.                   |  |       |                |      |                                      | INNER           |  |   |            |                        |  | OUTER    |  |      |             |                    |    | DULL   |      |                                    |            |    |       | LOC      |         |        |       |       |  | SEAL         |  |     |       |     |        | GAUGE |  |  |         |  |  | OTHER    |  |  | RP |  |  |
| HYDRAULICS DATA           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
| PUMP                      |  |       | MAKE           |      |                                      | MODEL           |  |   | LINER      |                        |  | STK      |  |      | SPM         |                    |    | PSI    |      |                                    | GPM        |    |       | GPS      |         |        | EFF % |       |  | ECD          |  |     | AV DP |     |        | AV DC |  |  | BIT HHP |  |  | PUMP HHP |  |  |    |  |  |
| 1                         |  |       | Gardner Denver |      |                                      | PXL             |  |   | 5,500      |                        |  | 11,000   |  |      | 86          |                    |    | 3390   |      |                                    | 283.3      |    |       | .0784    |         |        | 97    |       |  | 9.14         |  |     | 230.4 |     |        | 487   |  |  | 85.1    |  |  | 981      |  |  |    |  |  |
| 2                         |  |       | Gardner Denver |      |                                      | PXL             |  |   | 5,500      |                        |  | 11,000   |  |      | 86          |                    |    | 3390   |      |                                    | 283.3      |    |       | .0784    |         |        | 97    |       |  | 9.14         |  |     | 230.4 |     |        | 487   |  |  | 85.1    |  |  | 981      |  |  |    |  |  |
| BHA                       |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
| DESCRIPTION:              |  |       |                |      | 9-7/8" Intermediate 2                |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
| LENGTH                    |  |       |                |      | 2,122.64                             |                 |  |   |            | BHA WT. AIR            |  |          |  |      | 176,550     |                    |    |        |      | BHA WT. MUD                        |            |    |       |          | 165,000 |        |       |       |  | HRS. ON JARS |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
| ROT. WT.                  |  |       |                |      | 255,000                              |                 |  |   |            | P.U. WT.               |  |          |  |      | 295,000     |                    |    |        |      | S.O. WT.                           |            |    |       |          | 225,000 |        |       |       |  | TORQUE       |  |     |       |     | 50,000 |       |  |  |         |  |  |          |  |  |    |  |  |
| TIME MADE UP              |  |       |                |      | 23:00                                |                 |  |   |            | DATE MADE UP           |  |          |  |      | 6/1/2017    |                    |    |        |      | TIME PULLED                        |            |    |       |          |         |        |       |       |  | DATE PULLED  |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
| SURVEY DATA               |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
| MD                        |  |       | ANGLE          |      |                                      | AZIMUTH         |  |   | TVD        |                        |  | N/S      |  |      | COORDINATES |                    |    | E/W    |      |                                    | V. SECTION |    |       | DLS      |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
| 8,207                     |  |       | 1.39           |      |                                      | 212.17          |  |   | 8,182      |                        |  | -223.8   |  |      | 185.0       |                    |    | -265.3 |      |                                    | 0.3        |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
| 8,302                     |  |       | 1.63           |      |                                      | 214.40          |  |   | 8,277      |                        |  | -225.9   |  |      | 183.6       |                    |    | -266.9 |      |                                    | 0.3        |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
| 8,396                     |  |       | 0.95           |      |                                      | 199.16          |  |   | 8,371      |                        |  | -227.7   |  |      | 182.6       |                    |    | -268.4 |      |                                    | 0.8        |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
| 8,490                     |  |       | 0.35           |      |                                      | 96.72           |  |   | 8,465      |                        |  | -228.5   |  |      | 182.6       |                    |    | -269.2 |      |                                    | 1.2        |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
| CONSUMABLES               |  |       |                |      | DIESEL FUEL (gal) Rvcd/Used/On Hand: |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      | DRILL H2O (gal) Rvcd/Used/On Hand: |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
| OPERATIONS TIME LOG       |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
| FROM                      |  | TO    |                | HRS  |                                      | CODE            |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       | Start MD |         | End MD |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
| 06:00                     |  | 12:30 |                | 6.5  |                                      | Drilling        |  | Drill 9.875" vertical hole - Rotate & Slide 7,520' - 7,891' (371' @ 57 FPH)<br><br>Rotate: WOB 34 * PP 3,450 psi * SPM 258 * GPM 850 * Diff 200 - 275 * T.D RPM 40 * MM RPM 74 * Total RPM 114<br>Slide: WOB 22 * PP 3,275 psi * SPM 258 * GPM 850 * Diff 50 - 75 * MM RPM 74<br><br>Rotating Hrs: 5.5 Ftg: 356' Slide Hrs: 1.0 Ftg: 15'<br>.                                   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       | 7520     |         | 7891   |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
| 12:30                     |  | 19:30 |                | 7.0  |                                      | Drilling        |  | Drill 9.875" vertical hole - Rotate & Slide 7,891' - 8,173' (282' @ 40 FPH) *#1 Mud pump down with washed module<br><br>Rotate: WOB 34 * PP 2,350 psi * SPM 210 * GPM 690 * Diff 50 - 150 * T.D RPM 40 * MM RPM 60 * Total RPM 100<br>Slide: WOB 25 * PP 2,275 psi * SPM 210 * GPM 690 * Diff 50 - 75 * MM RPM 60<br><br>Rotating Hrs: 6 Ftg: 267' Slide Hrs: 1.0 Ftg: 15'<br>. |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       | 7891     |         | 8173   |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
| 19:30                     |  | 20:00 |                | 0.5  |                                      | Lubricate Rig   |  | Service rig while changing valve & seat in mud pump #2  |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       | 8173     |         | 8173   |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
| 20:00                     |  | 22:00 |                | 2.0  |                                      | Drilling        |  | Drill 9.875" vertical hole 8,173' - 8,262' (89' @ 44.5 FPH) *#1 Mud pump down with washed module<br>Change out module on #1 MP<br><br>Rotate: WOB 34 * PP 2,350 psi * SPM 210 * GPM 690 * Diff 50 - 150 * T.D RPM 40 * MM RPM 60 * Total RPM 100<br>.   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       | 8173     |         | 8262   |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
| 22:00                     |  | 05:30 |                | 7.5  |                                      | Drilling        |  | Drill 9.875" vertical hole - Rotate & Slide 8,262' - 8,600' (338' @ 45 FPH)<br><br>Rotate: WOB 34 * PP 3,390 psi * SPM 258 * GPM 690 * Diff 100 - 230 * T.D RPM 40 * MM RPM 74 * Total RPM 114<br>Slide: WOB 25 * PP 3,200 psi * SPM 255 * GPM 839 * Diff 50 - 100 * MM RPM 73<br><br>Rotating Hrs: 5.25 Ftg: 283' Slide Hrs: 2.25 Ftg: 55'<br>.                                |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       | 8262     |         | 8600   |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
| 05:30                     |  | 06:00 |                | 0.5  |                                      | Cond Mud & Circ |  | Circ B/U prior to TOOH for new bit due to low ROP   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       | 8600     |         | 8600   |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |
|                           |  |       |                |      |                                      |                 |  |   |            |                        |  |          |  |      |             |                    |    |        |      |                                    |            |    |       |          |         |        |       |       |  |              |  |     |       |     |        |       |  |  |         |  |  |          |  |  |    |  |  |