



# Casing Summary

|                                            |                               |                                              |  |                        |  |                                |                  |
|--------------------------------------------|-------------------------------|----------------------------------------------|--|------------------------|--|--------------------------------|------------------|
| Well Name<br>SALADO DRAW WE 23 FED P7 004H |                               | Lease<br>SD 23 FED P7                        |  | Field Name<br>JENNINGS |  | Business Unit<br>Mid-Continent |                  |
| Ground Elevation (ft)<br>3,165.00          | Original RKB (ft)<br>3,197.60 | Current RKB Elevation<br>3,197.60, 3/28/2016 |  |                        |  | Mud Line Elevation (ft)        | Water Depth (ft) |

## Conductor, Planned?-N, 112ftKB

| Set Depth (MD) (ftKB)<br>112 |              | Set Tension (kips) |         | String Nominal OD (in)<br>20 |       | String Min Drift (in)<br>18.187 |                       | Centralizers          |          | Scratchers    |                  |
|------------------------------|--------------|--------------------|---------|------------------------------|-------|---------------------------------|-----------------------|-----------------------|----------|---------------|------------------|
| Jts                          | Item Des     | OD (in)            | ID (in) | Wt (lb/ft)                   | Grade | Top Thread                      | Top Depth (MD) (ftKB) | Btm Depth (MD) (ftKB) | Len (ft) | P Burst (psi) | P Collapse (psi) |
| 1                            | Casing Joint | 20                 | 18.375  | 169.00                       | K-55  |                                 | 37                    | 112                   | 75.00    | 3,380.0       | 2,500.0          |

## Surface, Planned?-N, 831ftKB

| Set Depth (MD) (ftKB)<br>831 |                   | Set Tension (kips) |         | String Nominal OD (in)<br>13 3/8 |       | String Min Drift (in) |                       | Centralizers<br>9     |          | Scratchers    |                  |
|------------------------------|-------------------|--------------------|---------|----------------------------------|-------|-----------------------|-----------------------|-----------------------|----------|---------------|------------------|
| Jts                          | Item Des          | OD (in)            | ID (in) | Wt (lb/ft)                       | Grade | Top Thread            | Top Depth (MD) (ftKB) | Btm Depth (MD) (ftKB) | Len (ft) | P Burst (psi) | P Collapse (psi) |
| 1                            | FMC UH-2 Wellhead | 24                 | 12.615  | 54.50                            | J-55  | ST&C                  | 34                    | 37                    | 2.88     |               | 1,130.0          |
| 1                            | Casing Pup Joint  | 13 3/8             | 12.615  | 54.50                            | J-55  | ST&C                  | 37                    | 41                    | 3.93     |               | 1,130.0          |
| 18                           | Casing Joint      | 13 3/8             | 12.615  | 54.50                            | J-55  | ST&C                  | 41                    | 790                   | 748.91   |               | 1,130.0          |
| 1                            | Float Collar      | 13 3/8             | 12.615  | 54.50                            | J-55  | ST&C                  | 790                   | 791                   | 1.50     |               | 1,130.0          |
| 1                            | Casing Joint      | 13 3/8             | 12.615  | 54.50                            | J-55  | ST&C                  | 791                   | 829                   | 37.83    |               | 1,130.0          |
| 1                            | Shoe              | 13 3/8             | 12.615  | 54.50                            | J-55  | ST&C                  | 829                   | 831                   | 1.80     |               | 1,130.0          |

## Intermediate Casing 1, Planned?-N, 4,577ftKB

| Set Depth (MD) (ftKB)<br>4,577 |              | Set Tension (kips) |         | String Nominal OD (in)<br>9 5/8 |        | String Min Drift (in) |                       | Centralizers<br>29    |          | Scratchers    |                  |
|--------------------------------|--------------|--------------------|---------|---------------------------------|--------|-----------------------|-----------------------|-----------------------|----------|---------------|------------------|
| Jts                            | Item Des     | OD (in)            | ID (in) | Wt (lb/ft)                      | Grade  | Top Thread            | Top Depth (MD) (ftKB) | Btm Depth (MD) (ftKB) | Len (ft) | P Burst (psi) | P Collapse (psi) |
| 1                              | Hanger       | 9 5/8              | 8.835   | 40.00                           | HCK-55 | LT&C                  | 37                    | 37                    | 0.63     |               | 2,570.0          |
| 1                              | Pup Jt       | 9 5/8              | 8.835   | 40.00                           | HCK-55 | LT&C                  | 37                    | 40                    | 3.28     |               | 2,570.0          |
| 10                             | Casing Joint | 9 5/8              | 8.835   | 40.00                           | HCK-55 | LT&C                  | 40                    | 4,493                 | 4,452.18 |               | 2,570.0          |
| 7                              |              |                    |         |                                 |        |                       |                       |                       |          |               |                  |
| 1                              | Float Collar | 9 5/8              | 8.835   | 40.00                           | HCK-55 | LT&C                  | 4,493                 | 4,494                 | 1.49     |               | 2,570.0          |
| 2                              | Casing Joint | 9 5/8              | 8.835   | 40.00                           | HCK-55 | LT&C                  | 4,494                 | 4,575                 | 81.29    |               | 2,570.0          |
| 1                              | Float Shoe   | 9 5/8              | 8.835   | 40.00                           | HCK-55 | LT&C                  | 4,575                 | 4,577                 | 1.60     |               |                  |

## Production Casing, Planned?-N, 13,995ftKB

| Set Depth (MD) (ftKB)<br>13,995 |                  | Set Tension (kips) |         | String Nominal OD (in)<br>5 1/2 |         | String Min Drift (in) |                       | Centralizers<br>71    |          | Scratchers    |                  |
|---------------------------------|------------------|--------------------|---------|---------------------------------|---------|-----------------------|-----------------------|-----------------------|----------|---------------|------------------|
| Jts                             | Item Des         | OD (in)            | ID (in) | Wt (lb/ft)                      | Grade   | Top Thread            | Top Depth (MD) (ftKB) | Btm Depth (MD) (ftKB) | Len (ft) | P Burst (psi) | P Collapse (psi) |
| 1                               | Casing Hanger    | 5 1/2              | 4.778   | 20.00                           | P-110IC | TXP BTC-S             | 37                    | 38                    | 1.17     |               | 11,100.0         |
| 1                               | Casing Pup Joint | 5 1/2              | 4.778   | 20.00                           | P-110IC | TXP BTC-S             | 38                    | 42                    | 4.26     |               | 11,100.0         |
| 20                              | Casing Joint     | 5 1/2              | 4.778   | 20.00                           | P-110IC | TXP BTC-S             | 42                    | 8,424                 | 8,382.00 |               | 11,100.0         |
| 3                               |                  |                    |         |                                 |         |                       |                       |                       |          |               |                  |
| 1                               | Marker Joint     | 5 1/2              | 4.778   | 20.00                           | P-110IC | TXP BTC-S             | 8,424                 | 8,429                 | 4.75     |               |                  |
| 13                              | Casing Joint     | 5 1/2              | 4.778   | 20.00                           | P-110IC | TXP BTC-S             | 8,429                 | 13,826                | 5,397.66 |               | 11,100.0         |
| 1                               |                  |                    |         |                                 |         |                       |                       |                       |          |               |                  |
| 1                               | Casing Pup Joint | 5 1/2              | 4.778   | 20.00                           | P-110IC | TXP BTC-S             | 13,826                | 13,837                | 10.25    |               |                  |
| 1                               | RSI              | 5 1/2              | 4.778   | 20.00                           |         | TXP BTC-S             | 13,837                | 13,843                | 6.67     |               |                  |
| 1                               | Casing Pup Joint | 5 1/2              | 4.778   | 20.00                           | P-110IC | TXP BTC-S             | 13,843                | 13,854                | 10.13    |               |                  |
| 1                               | Casing Joint     | 5 1/2              | 4.778   | 20.00                           | P-110IC | TXP BTC-S             | 13,854                | 13,895                | 41.21    |               | 11,100.0         |
| 1                               | Casing Pup Joint | 5 1/2              | 4.778   | 20.00                           | P-110IC | TXP BTC-S             | 13,895                | 13,905                | 9.87     |               |                  |
| 1                               | Landing Collar   | 5 1/2              | 4.778   | 20.00                           | P-110IC | TXP BTC-S             | 13,905                | 13,906                | 1.48     |               |                  |
| 1                               | XRV Tool         | 5 1/2              | 4.778   | 20.00                           | P-110IC | TXP BTC-S             | 13,906                | 13,908                | 2.20     |               |                  |
| 1                               | Casing Joint     | 5 1/2              | 4.778   | 20.00                           | P-110IC | TXP BTC-S             | 13,908                | 13,951                | 42.65    |               | 11,100.0         |
| 1                               | Float Collar     | 5 1/2              | 4.778   | 20.00                           | P-110IC | TXP BTC-S             | 13,951                | 13,953                | 2.41     |               |                  |
| 1                               | Casing Joint     | 5 1/2              | 4.778   | 20.00                           | P-110IC | TXP BTC-S             | 13,953                | 13,992                | 38.95    |               | 11,100.0         |
| 1                               | Float Shoe       | 5 1/2              | 4.778   | 20.00                           | P-110IC | TXP BTC-S             | 13,992                | 13,995                | 2.69     |               |                  |