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| ВЕДОМОСТЬ  на смонтированное противовыбросовое оборудование  на скважине №\_\_\_\_\_\_ площади\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  «\_\_\_\_» \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 20\_\_ г.   1. **Сведения о превенторах**  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | № | Наименование | Превентор | | | | | нижний | средний | верхний | ПУГ | | 1 | Тип, шифр |  |  |  |  | | 2 | Заводской № |  |  |  |  | | 3 | Инвентарный № |  |  |  |  | | 4 | Дата выпуска |  |  |  |  | | 5 | Размер плашек, мм |  |  |  |  | | 6 | Диаметр окружности по центрам отверстий, мм |  |  |  |  | | 7 | Количество отверстий, шт |  |  |  |  | | 8 | Диаметр отверстий, мм |  |  |  |  | | 9 | Давление опрессовки до установки, МПа |  |  |  |  | | 10 | Давление опрессовки ПВО с обсадной колонной после монтажа, МПа |  |  |  |  | | 11 | Давление начало поглощения, МПа |  |  |  |  |  1. **Управление превенторами** 2. Тип управления \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 3. Шифр дистанционного управления\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 4. Марка масла в гидросистеме \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 5. Длина тяг штурвалов, м \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 6. Направление вращения штурвалов для закрытия\_\_\_\_\_\_\_\_\_\_    1. верхнего\_\_\_\_\_\_\_\_\_\_\_\_    2. среднего\_\_\_\_\_\_\_\_\_\_\_\_    3. нижнего\_\_\_\_\_\_\_\_\_\_\_\_ 7. **Данные об устьевой обвязке**    1. Труба, на которой установлена колонная головка: 8. наружный диаметр \_\_\_\_\_\_\_\_\_\_\_\_ мм; 9. толщина стенки \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ мм; 10. длина \_\_\_\_\_\_\_\_\_\_\_\_мм; 11. марка стали \_\_\_\_\_\_\_\_\_\_\_.     1. Колонная головка (нижняя, промежуточная – подчеркнуть):     2. шифр \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_;     3. дата выпуска \_\_\_\_\_\_\_\_\_\_\_\_\_;     4. рабочее давление \_\_\_\_\_\_\_\_МПа;     5. наружный диаметр фланца \_\_\_\_\_\_\_\_\_\_мм;     6. диаметр окружности по центрам отверстий \_\_\_\_\_\_\_\_\_\_ мм;     7. количество отверстий \_\_\_\_\_\_\_\_\_\_\_ шт;     8. диаметр отверстий \_\_\_\_\_\_\_\_\_\_\_\_\_\_мм;     9. средний диаметр канавки под уплотнительное кольцо \_\_\_\_\_\_\_\_\_\_мм;     10. размер канавки: ширина \_\_\_\_\_\_мм; глубина \_\_\_\_\_\_\_\_\_\_мм;     11. способ соединения с обсадной колонной \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.     12. Переходная катушка:     13. наружный диаметр фланца \_\_\_\_\_\_\_\_\_\_мм;     14. диаметр окружности по центрам отверстий \_\_\_\_\_\_\_\_\_\_ мм;     15. количество отверстий \_\_\_\_\_\_\_\_\_\_\_ шт;     16. диаметр отверстий \_\_\_\_\_\_\_\_\_\_\_\_\_\_мм;     17. средний диаметр канавки под уплотнительное кольцо \_\_\_\_\_\_\_\_\_\_мм;     18. размер канавки: ширина \_\_\_\_\_\_\_мм; глубина \_\_\_\_\_\_\_\_\_мм. 12. **Сведения о манифольде (обвязке)**     1. Тип манифольда \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, давление опрессовки \_\_\_\_\_\_МПа.     2. Задвижки:  * тип \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, количество \_\_\_\_\_\_\_\_шт; * тип \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, количество \_\_\_\_\_\_\_\_шт; * тип \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, количество \_\_\_\_\_\_\_\_шт.   1. Аварийный выкид: * вид соединения \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, внутренний диаметр \_\_\_\_\_\_\_\_мм, толщина стенок труб \_\_\_\_\_\_\_мм, марка труб \_\_\_\_\_\_\_\_, длина \_\_\_\_\_\_\_\_\_\_м; * вид соединения \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, внутренний диаметр \_\_\_\_\_\_\_\_мм, толщина стенок труб \_\_\_\_\_\_\_мм, марка труб \_\_\_\_\_\_\_\_, длина \_\_\_\_\_\_\_\_\_\_м.   1. Рабочий выкид: * вид соединения \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, внутренний диаметр \_\_\_\_\_мм, толщина стенок труб\_\_\_\_\_\_мм, марка труб \_\_\_\_\_\_, длина \_\_\_\_\_\_\_\_м; * вид соединения \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, внутренний диаметр \_\_\_\_\_\_мм, толщина стенок труб \_\_\_\_\_мм, марка труб \_\_\_\_\_\_, длина \_\_\_\_\_\_\_\_м.   1. Фланцевые соединения:  1. наружный диаметр фланца \_\_\_\_\_\_\_\_\_\_мм; 2. диаметр окружности по центрам отверстий \_\_\_\_\_\_\_\_\_\_ мм; 3. количество отверстий \_\_\_\_\_\_\_\_\_\_\_ шт; 4. диаметр отверстий \_\_\_\_\_\_\_\_\_\_\_\_\_\_мм;    1. Уплотнительные кольца: 5. диаметр \_\_\_\_\_\_\_\_\_\_мм; 6. ширина \_\_\_\_\_\_\_\_\_\_мм; 7. глубина \_\_\_\_\_\_\_\_\_\_мм.    1. Внутреннее проходное отверстие:    * тройника \_\_\_\_\_\_\_\_\_мм;    * крестовины \_\_\_\_\_\_\_мм;    * катушки \_\_\_\_\_\_\_\_\_\_мм.    1. Быстросъемное соединение к агрегату: 8. количество \_\_\_\_\_\_\_шт; 9. рабочее давление \_\_\_\_\_\_\_\_МПа.    1. Манометры: 10. количество \_\_\_\_\_\_\_шт; 11. рабочее давление \_\_\_\_\_\_\_\_МПа.     1. Тип регулируемого дросселя \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | REGISTER  Of BOP equipment installed on well No \_\_\_\_\_\_\_\_  area \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 20\_\_  **1. Preventor**   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | No | Description | Preventor | | | | | Lower | Middle | Upper | annular | | 1 | Type, code |  |  |  |  | | 2 | Manufacturer's No |  |  |  |  | | 3 | Inventory No |  |  |  |  | | 4 | Date of manufacture |  |  |  |  | | 5 | Rams sizes, mm |  |  |  |  | | 6 | Hole-circle diameter, mm |  |  |  |  | | 7 | Number of holes, pcs |  |  |  |  | | 8 | Holes diameter, mm |  |  |  |  | | 9 | Leakage test pressure before installation, MPa |  |  |  |  | | 10 | BOP leakage test pressure with casing after installation, MPa |  |  |  |  | | 11 | Fracture pressure, МPа |  |  |  |  |   **2. BOP control**   * 1. Type за control \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   2. Remote control code \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   3. Oil grade in hydraulic system \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   4. Control rod length, m \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   5. Rotating direction of control rod \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      1. upper \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      2. middle \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      3. lower \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   **3. Wellhead connections**  3.1 Casing head is installed on pipe:  a. external diameter \_\_\_\_\_\_\_\_\_\_\_\_\_ mm;  b. wall thickness \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ mm;  c. length \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ mm  d. steel grade \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.  3.2 Casing head (lower, middle – underline as required):  a. code \_\_\_\_\_\_\_\_\_\_\_\_\_\_;  b. date of manufacture \_\_\_\_\_\_\_\_\_\_\_\_\_;  c. working pressure \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ MPa;  d. external diameter of flange \_\_\_\_\_\_\_\_\_\_ mm;  e. hole-circle diameter \_\_\_\_\_\_\_\_\_\_\_\_\_ mm  f. number of holes \_\_\_\_\_\_\_\_\_\_\_\_ mm:  g. holes diameter \_\_\_\_\_\_\_\_\_\_\_\_\_ mm;  h. o-ring groove average diameter \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ mm;  i. groove size: width \_\_\_\_\_\_\_\_ mm; depth \_\_\_\_\_\_\_\_\_ mm;  j. method of connection with casing \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  3.3. Adapter flange:  a. external flange diameter \_\_\_\_\_\_\_\_\_\_\_ mm;  b. hole-circle diameter \_\_\_\_\_\_\_\_\_\_\_\_\_\_ mm;  c. number of holes \_\_\_\_\_\_\_\_\_\_ pcs;  d. holes diameter \_\_\_\_\_\_\_\_\_\_\_\_ mm;  e. o-ring groove average diameter \_\_\_\_\_\_\_\_\_\_\_ mm;  f. groove size: width \_\_\_\_\_\_\_\_ mm; depth \_\_\_\_\_\_\_\_ mm.  **4. Manifold**  4.1. Type \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, leak-off test pressure \_\_\_\_\_\_\_ MPa.   * 1. Valves: * Type \_\_\_\_\_\_\_\_\_\_\_, quantity \_\_\_\_\_\_\_\_\_\_\_ pcs; * Type \_\_\_\_\_\_\_\_\_\_\_, quantity \_\_\_\_\_\_\_\_\_\_\_ pcs; * Type \_\_\_\_\_\_\_\_\_\_\_, quantity \_\_\_\_\_\_\_\_\_\_\_ pcs.   1. Emergency flow line: * Connection type \_\_\_\_\_\_\_ mm; inner diameter \_\_\_\_\_\_\_ mm; wall thickness of pipe \_\_\_\_\_ mm, pipe grade \_\_\_\_\_\_\_\_\_, length \_\_\_\_\_\_\_\_\_\_ m; * Connection type \_\_\_\_\_\_\_ mm; inner diameter \_\_\_\_\_\_\_ mm; wall thickness of pipe \_\_\_\_\_ mm, pipe grade \_\_\_\_\_\_\_\_\_, length \_\_\_\_\_\_\_\_\_\_ m.   1. Working flow line: * Connection type \_\_\_\_\_\_\_ mm; inner diameter \_\_\_\_\_\_\_ mm; wall thickness of pipe \_\_\_\_\_ mm, pipe grade \_\_\_\_\_\_\_\_\_, length \_\_\_\_\_\_\_\_\_\_ m; * Connection type \_\_\_\_\_\_\_ mm; inner diameter \_\_\_\_\_\_\_ mm; wall thickness of pipe \_\_\_\_\_ mm, pipe grade \_\_\_\_\_\_\_\_\_, length \_\_\_\_\_\_\_\_\_\_ m.   1. Flange connections:   a. external flange diameter \_\_\_\_\_\_\_\_\_ mm;  b. hole-circle diameter \_\_\_\_\_\_\_\_\_\_\_\_ mm;  c. number of holes \_\_\_\_\_\_\_\_\_\_\_;  d. holes diameter \_\_\_\_\_\_\_\_\_\_\_\_ mm;  4.6. O-rings:  a. diameter \_\_\_\_\_\_\_\_ mm;  b. width \_\_\_\_\_\_\_\_\_\_ mm;  c. depth \_\_\_\_\_\_\_\_\_\_\_ mm.  4.7. Inner bore hole:   * Tee-bend \_\_\_\_\_\_\_\_ mm; * Cross connection\_\_\_\_\_\_\_\_\_\_\_\_ mm; * Spool \_\_\_\_\_\_\_\_\_\_\_\_\_ mm.   1. Fast make-up connections:   a. quantity \_\_\_\_\_\_\_\_\_ pcs;  b. working pressure \_\_\_\_\_\_\_\_\_\_ MPa.  4.9. Manometers:  a. quantity \_\_\_\_\_\_\_\_ pcs;  b. working pressure \_\_\_\_\_\_\_\_\_\_ MPa.  4.10. Adjustable choke type \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. |

Супервайзер по бурению / Drilling supervisor\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Промысловый геолог / Field geologist \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Буровой мастер / Drilling foreman \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_