

### Completion Plan of Tube Well

Name of contractor. A: A. Construction...

[illegible]

**Countersigned**

**Contractor**

J. E.

A. E.

E. E.

# YIELD TEST OF TW BY COMPRESSOR

Date of Test 4-12-2018 Static W/L 11 Taste of Water. Sweet

| Discharge by V Notch |        | Stand Contents in PPM |       |        |        |        |        | Remarks |
|----------------------|--------|-----------------------|-------|--------|--------|--------|--------|---------|
| In cm.               | In Lpm | Start                 | 5 Min | 10 Min | 15 Min | 30 Min | 60 Min |         |
| 1"                   | 1050   | 1175                  | 850   | 600    | 300    | Tr     | Tr     |         |
|                      |        |                       |       |        |        |        |        |         |

Contractor J. E. A. E. E. E.

## YIELD TEST REPORT BY O.P. UNIT

Size of orifice Taste of water Date of Test 20-12-2018

| Size of orifice                               |                     | Taste of water |            | Date of test      |                           |        |         |       |       |       |       |                                                                                                        |                  |
|-----------------------------------------------|---------------------|----------------|------------|-------------------|---------------------------|--------|---------|-------|-------|-------|-------|--------------------------------------------------------------------------------------------------------|------------------|
| Height of water column in orifice tube (c.m.) | Discharge in L.P.M. | SWL in Mts     | RWL in Mts | Depression in Mts | SAND CONTENTS IN P. P. M. |        |         |       |       |       |       |                                                                                                        | Recommendations. |
|                                               |                     |                |            |                   | Starting                  | 5 Min. | 10 Min. | 15 M. | 20 M. | 25 M. | 30 M. |                                                                                                        |                  |
| 6"                                            | 1100                | 11             |            | 1.6               | 15                        | Tr     | 02      | 02    | 02    | 02    | 02    | Recommended discharge 1200 LPM at 1.9 mt depression.<br>Recommended Pumping plant discharge. 1200 Lpm. |                  |
| 8"                                            | 1250                | 11             |            | 1.9               | 25                        | Tr     | 02      | 02    | 02    | 02    | 02    |                                                                                                        |                  |
| 10"                                           | 1742                | 11             |            | 2.2               | 40                        | 20     | Tr      | Tr    | Tr    | 02    | 02    |                                                                                                        |                  |
| 20"                                           | 2083                | 11             |            | 2.5               | 45                        | 25     | 15      | Tr    | 02    | 02    | 02    |                                                                                                        |                  |
| 30"                                           | 2538                | 11             |            | 2.7               | 55                        | 30     | 20      | Tr    | 02    | 02    | 02    |                                                                                                        |                  |

Contractor J. E. A. E. E. E.

## CHEMICAL TEST REPORT

DATE OF TEST 20/12/2018 AGENCY P.M CONSTRUCTION UNIT, SAHARMPUR

| Mg/Lit                     | mg/Lit             | mg/Lit        | mg/Lit | Remarks |
|----------------------------|--------------------|---------------|--------|---------|
| Colour Colourless          | Hardness Temp.     | Chlorides 8   |        |         |
| Nitrates 0.32              | Copper             | Nitride       |        |         |
| PH 7.26                    | Iron 0.05          | Florides 0.34 |        |         |
| Total Solids               | Total Alkanity 216 | Amonia        |        |         |
| Dissolved Solids 196       | Sulphates 2        |               |        |         |
| Fixed Solids               | Calcium            |               |        |         |
| Total Hardness (CaCo3) 184 | Megnecium          |               |        |         |
| Permanent Hardness         | Turbidity 0.09     |               |        |         |

J. E. A. E. E. E.