# CONSTRUCTION DIVISION (E/M) U.P. JAL NIGAM, GORAKHPUR

COMPLETION PLAN OF..BENETHU.. DISTRICT..SANT KABIRNAGAR..

TYPE OF RIG M/C..M/S. KUMAR TUBEWELL.. SIZE OF BORE.....

STATIC WATER LEVEL.....

J.E. Incharge..BALRAM JI..... A.E. Incharge..M.L. GUPTA.....

| DEPTH B.G.L. METER | BORING CHART | STRATA | EXECUTED ASSEMBLY |
|---|---|---|---|
| 0m. | | | A.G.L. 0.50m. |
| 7.60 | | CLAY | |
| | | SAND | |
| 32.90 | | CLAY | 28.46 / 28.66 |
| 57.30 | | F.TOM. SAND | 57.62 |
| 79.30 | | | 78.35 / 84.39 |
| | | CLAY | BAILPLUG |
| 132.00 | | | |

## ASSEMBLY DETAILS

250.....m.m. Dia Housing Pipe..... to.28.46...m

250/150.m.m. Dia Reducer.....28.46... to.28.66...m

150.....m.m. Dia.BLIND..... Pipe28.66. to.57.62...m

150.....m.m. Dia.SLOTTED.... Pipe.57.62 to.78.35...m

150.....m.m. Dia.BLIND..... Pipe.78.35 to.84.39...m

.....m.m. Dia..... Pipe..... to.....m

.....m.m. Dia..... Pipe..... to.....m

.....m.m. Dia..... Pipe..... to.....m

.....m.m. Dia..... Pipe..... to.....m

.....m.m. Dia..... Pipe..... to.....m

.....m.m. Dia..... Pipe..... to.....m

.....m.m. Dia..... Pipe..... to.....m

Total Assembly.84.39+AGL. 0.50m
= 84.89

## ABSTRACT

1- Drilling Started.....

2- Drilling Completed.....11.6.015.....

3- Drilling Depth.....132.00.....m

4- Assembly Lowered.....84.89.....m

5- Housing Pipe.....28.96.....m

6- Blind Pipe.....35.00.....m

7- Slotted Pipe.....20.73.....m

8- Reducer.....0.20.....m

(BALRAMJI) J.E. (M.L.GUPTA) A.E. (V.N.RAI) E.E.

## YIELD TEST REPORT BY 250 P.S.I. COMPRESSOR

Date of Test 3.7.2015 Static W/L 4.85 Taste of Water..SWEET..

| DISCHARGE INC. | DISCHARGE L.P.M. | ST.PR. Kg/Cm² | RU.PR. Kg/Cm² | DEPRE. Kg. | DEPRE. Mtr. | SAND CONTENTS Start | 5 min | 10 min | 15 min | 20 min | 25 min | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4.5 | 2406 | 7.50 | 7.10 | 0.45 | 4 | 3200 | 1300 | 900 | 500 | 400 | | |
| 8 | 1578 | 7.40 | 7.10 | 0.35 | 3 | 2600 | 900 | 500 | 400 | 300 | | |
| 1 | 1142 | 7.25 | 7.10 | 0.15 | 1.50 | 1800 | 500 | 300 | 300 | 200 | | |

Recommended Discharge for O.P. Unit-

(BALRAMJI) J.E. (M.L.GUPTA) A.E. (V.N.RAI) E.E.

## YIELD TEST REPORT BY O.P. UNIT

Date of Test 20.7.015 Static W/L 2.60 Taste of Water..SWEET..

| DISCH. LPM | R.W.L. M | S.W.L. M | DEPRE M | SAND CONTENTS Start | 5 min | 10 min | 15 min | 20 min | 25 min | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 700 | 5.60 | 2.60 | 3.00 | CL. | CL. | CL. | CL. | CL. | | |
| 900 | 5.90 | 2.60 | 3.30 | TR. | CL. | CL. | CL. | CL. | | |
| 1000 | 6.00 | 2.60 | 3.40 | 50 | TR | CL. | CL. | CL. | | |
| 1400 | 6.90 | 2.60 | 4.30 | 300 | 100 | 50 | TR. | CL | | |

RECOMMENDED DISCHARGE 700 LPM.

(BALRAMJI) J.E. (M.L.GUPTA) A.E. (V.N.RAI) E.E.