

**JAL NIGAM YANTRIK KHAND  
U.P. JAL NIGAM MEERUT  
Completion Plan of Tube Well**

Name of Scheme THANABAHAWAN 406/3 Spring water level inc. Mtrs. 12.20  
 Total No. of Tube well Provided in the Scheme FIVE Size of Bore in M.M. 5.50mm  
 Number & Location of tube-well Executed at Primary School, Mahamed, Gach  
 Name of Contractor Departmental Date of Completion of T.W. 5.08.14

Depth B. Gl. Meter	Boring Chart with representation	Stratum	Executed Assembly		ABSTRACT
2-2.74		CLAY			1. Drilling Started... <u>04-05-14</u>
					2. Drilling Completed... <u>15-05-14</u>
					3. Lowering on... <u>17-05-14</u>
19.39		F-SAND			4. Drilling Depth... <u>83.84</u> M <u>AGL-256</u>
21.74		CLAY			5. 200mm Dia Housing Pipe... <u>47.90</u> M
					6. <u>200x150</u> m.m. Dia Reducer... <u>10</u> M
25.62		F-SAND			7. 150mm Dia Blind Pipe... <u>16.32</u> M
28.70		CLAY			8. 150mm Dia Slotted Pipe... <u>18.24</u> M
					9. Discharge by Compressor... <u>476 LPM</u>
47.26		F-SAND			10. Discharge by O.P. Unit... <u>500 LPM</u>
					11. Remark if any:-
53.76		CLAY	5.14	53.04	<u>Detail of pumping plant</u>
			6.06	59.20	Make - Vasuna
<del>58.36</del> <u>58.26</u> 66.76		M-SAND	2.10	61.20	Discharge - 500 lpm
		CLAY			Head - 42 M
			2.18	63.98	HP - 7.50
<del>69.76</del> <u>75.74</u> 78.76		M-SAND	3.00	72.38	Column pipes -
		CLAY	4.00	76.38	Dia - 80 mm
					Length - 3MX 11 NOS
<del>72.76</del> <u>82.22</u>		M-SAND	6.08	82.46	
83.84		CLAY			

As Executed  
 Contractor Point J. E.      Point A. E.      Countersigned Point E. E.

**YIELD TEST OF BY COMPRESSOR**

Date of Test 26.05.14 Static W/L 12.20 Taste of Water. Sweet

Discharge by Y notch	In cm.	In Lpm	Sand Contents In PPM					Remarks
			Start	5 Min	10 Min	15 Min	30 Min	
5"	476	600	500	400	300	200	100	

Contractor Point J. E.      Point A. E.      Countersigned Point E. E.

### YIELD TEST REPORT

Station No: CE 200      Tests of water: 1. M.H.D.P.      Date of Test: 02.08.17

Time	Discharge in l/min	BWL in lbs	BWL in kgs	Depression in lbs	BAND CONTENTS IN P.P.M.						Recommendations
					Starting	5 Min	10 Min	15 Min	20 Min	30 Min	
10:10	13.20	17.20	5.00	1100	1000	850	100	75	CP	Recommended discharge rate: 1.5 l/min at 4 cm depression	
9:31	18.30	16.20	4.75	800	800	150	50	75	CP		
7:43	18.20	16.00	4.80	150	100	50	CP	CP	CP	Recommended Pumping plant discharge 2500 gpm	
5:03	18.20	16.20	4.80	75	CP	CP	CP	CP	CP		

Contractor: Rafiq I.E.      Nigil A.E.      Nigil E.E.

### VERTICALITY TEST REPORT

DIA of Disc: \_\_\_\_\_ Dia of HOUSING: \_\_\_\_\_ DATE OF TEST: \_\_\_\_\_

Height of Suspension: \_\_\_\_\_

Clear:

DEPTH OF TEST	Observed Deviation				Actual Deviation			
	E	W	N	S	E	W	N	S
0.00								
0.05								
0.10								
0.15								
0.20								
0.25								
0.30								
0.35								
0.40								
0.45								
0.50								
0.55								
0.60								
0.65								
0.70								
0.75								
0.80								
0.85								
0.90								
0.95								
1.00								

Circle Diagram

CLEAR SPACE: ..... A1

..... A1

### CHEMICAL TEST REPORT

DATE OF TEST: \_\_\_\_\_

AGENCY

mg/l	mg/l	mg/l	mg/l	Remarks
Chlorides	15			
Fluoride	6.24			
Hardness	118			
Iron				
Manganese				
Calcium				
Magnesium				
Total Hardness				
Alkalinity				
Acidity				
Residual Chlorine				
Free Chlorine				
Combined Chlorine				
Chlorine Demand				
Free Chlorine Residual				
Combined Chlorine Residual				
Total Chlorine Residual				
Chlorine Residual at 15 min				
Chlorine Residual at 30 min				
Chlorine Residual at 45 min				
Chlorine Residual at 60 min				
Chlorine Residual at 75 min				
Chlorine Residual at 90 min				
Chlorine Residual at 105 min				
Chlorine Residual at 120 min				
Chlorine Residual at 135 min				
Chlorine Residual at 150 min				
Chlorine Residual at 165 min				
Chlorine Residual at 180 min				
Chlorine Residual at 195 min				
Chlorine Residual at 210 min				
Chlorine Residual at 225 min				
Chlorine Residual at 240 min				
Chlorine Residual at 255 min				
Chlorine Residual at 270 min				
Chlorine Residual at 285 min				
Chlorine Residual at 300 min				