

# JAL NIGAM YANTRIK SHAKHA U.P. JAL NIGAM MEERUT

13

Completion Plan of KURALI W/S. SCHEME T.W.

DISTRICT... SAHARANPUR...

Type of Rig m/c... R.C. RIG. M/C.

SIZE OF BORE 550X450mm.

Spring Water Level... 17.00... Mts.

Depth B. GL. Meter 0.00	Boring Chart with representation	Stratum	Executed Assembly	0.45 M. AGL.	ABSTRACT
4.57	SURFACE CLAY				1. Drilling Started..... 4-12-06.....
					2. Drilling Completed..... 9-12-06.....
	COURSE SAND				3. Lowering on..... 10-12-06.....
					4. Drilling Depth..... 120.42..... M.
28.96			200mm.	41.37	5. 200mm Dia Housing Pipe..... 41.87..... M.
32.01	CLAY				6. 200x150mm REDUCER 0.16 M
35.06	M. SAND				7. 150mm Dia Slotted Pipe..... 14.05..... M.
38.10	CLAY				8. Discharge by Compressor.....
44.20	FINE SAND				9. Discharge by O. P. Unit.....
47.25	CLAY				10. Remark if any :-
53.35	FINE SAND				
56.40	M. SAND				
	CLAY				
71.64					
74.69	MED. SAND				
77.74	COURSE SAND				
80.79	MED. SAND				
	CLAY				
92.98					
96.03	MED. SAND				
102.73	KANKAR CLAY				
	MED. SAND				
111.28					
	YELLOW F. SAND				
114.33					
120.42	CLAY				

*(Signature)*

As Executed

*(Signature)*

Countersigned

(K.K. PANDEY)  
J. E.

(SURJEET SINGH)  
A. E.

(D.R. SINGH)  
E. E.

### YIELD TEST REPORT BY COMPRESSOR

Date of Test      Static W/L      Taste of Water.

Discharge by V. Notch	Sand Contents In PPM							Remarks
	In inches	In Lpm	Start	5 Min	10 Min	15 Min	30M	
5 1/2"	611	2000	1500	1500	1500	1000	1000	
6"	770	2500	2000	2000	2000	1500	1000	

*(Signature)*  
(K.K. PANDEY)  
J. E.

*(Signature)*  
(SURJEET SINGH)  
A. E.

*(Signature)*  
(D.R. SINGH)

**YIELD TEST REPORT**

Static W/L.....17:50 M.....

Taste of water.....SWEET.....

Date of Test.....18-1-2007

Time	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 125	30M		
1.	612	17.50	20.05	2.55	100	50	Ty.	CL	CL	CL	CL	Recommended discharge 600 LPM at 2.55 mt depression.
2.	794	"	20.30	2.80	150	100	50	Ty.	CL	CL	CL	
3.	870	"	20.55	3.05	200	150	100	50	Ty.	CL	CL	Recommended Pumping plant discharge..... Lpm. PUMP SHOULD BE RUN IN BYPASS FOR 5 MIN. BEFORE INJECTING IN RISING MAINS.
4.	1006	"	21.00	3.50	400	250	150	50	50	Ty.	CL.	
5.	1120	"	21.30	3.80	500	250	150	100	50	Ty.	Ty.	

J. E. (K.K. PANDAY)

A. E. (SURJEET SINGH)

E. E. (D.R. SINGH)

FOR PIONEER DRILLING CO(P)  
LTD.

**VERTICALITY TEST REPORT**

DIA of Disc.....190 mm..... Dia of HOUSING.....200 mm..... DATE OF TEST.....19-1-07.....

Height of Suspension.....3 mt.....

Clear c.....5 mm around the housing.....

DEPTH of Disc	Observed Deviation				Actual Deviation				
	BGL In	E	W	N	S	IL	W	N	S
0	0	0	0	0					
3	0	0	0	0					
6	0	1	0	1					
9	0	1	0	1					
12	0	1	0	2					
15	0	1	0	2					
18	0	2	0	2					
21	0	2	0	2					
24	0	2	0	3					

Circle Diagram

CLEAR SPACE..... At.....

..... At.....

**CHEMICAL TEST REPORT**

DATE OF TEST

AGENCY

	Mg/Lit	mg/Lit	mg/Lit	mg/Lit	
Colour		Hardness Temp.		Chlorides	
Nitrates		Copper		Nitrites	
PH		Iron		Florides	
Total Solids		Total Alkanity		Amonia	Remarks
Dissolved Solids		Sulphates			
Fixed Solids		Calcium			
Total Hardness (CaCo <sub>3</sub> )		Megneccium			
Permanent Hardness		Turbidity			

Drugs + Mas

J.E.

A.E.

E.E.