ELEVATION

ORIENTATION PLAN

REFERANCE DRAWING

S.NO.	DISCRIPTION	DRAWING NO.
1	TANK BOTTOM DETAIL	PP / DKN / M / 502 (Sheet No.2 OF 20)
2	TANK SHELL DETAIL	PP / DKN / M / 502 (Sheet No.3 OF 20)
3	TANK ROOF PLATE DETAIL	PP / DKN / M / 502 (Sheet No.4 OF 20)
4	TANK ROOF STURCTURE LAYOUT	PP / DKN / M / 502 (Sheet No.5 OF 20)
5	TANK ROOF STURCTURE COLUMN DETAIL	PP / DKN / M / 502 (Sheet No.6 OF 20)
6	TANK ROOF STURCTURE - RAFTER DETAIL	PP / DKN / M / 502 (Sheet No.7 OF 20)
7	SPIRAL STAIR CASE DETAIL	PP / DKN / M / 502 (Sheet No.8 OF 20)
8	SCAFFOLD CABLE SUPORT	PP / DKN / M / 502 (Sheet No.9 OF 20)
9	4"-150 RF SHELL NOZZLE (N-1)	PP / DKN / M / 502 (Sheet No.10 OF 20)
10	10"-150 RF SHELL NOZZLE (N-2)	PP / DKN / M / 502 (Sheet No.11 OF 20)
11	4"-150 RF NOZZLE WITH DRAW OFF SUMP (N-3)	PP / DKN / M / 502 (Sheet No.12 OF 20)
12	1½"-150 RF T. I NOZZLE (N-6)	PP / DKN / M / 502 (Sheet No.13 OF 20)
13	1½"-150 RF SAMPLE CONNECTION NOZZLE (N-7)	PP / DKN / M / 502 (Sheet No.14 OF 20)
14	LEVEL INDICATOR GAUGE (N-8)	PP / DKN / M / 502 (Sheet No.15 OF 20)
15	6"-150 RF ROOF NOZZLE (N-9)	PP / DKN / M / 502 (Sheet No.16 OF 20)
16	6"-150 RF GAUGE HATCH NOZZLE (N-10)	PP / DKN / M / 502 (Sheet No.17 OF 20)
17	24" SHELL MANHOLE (MH-1)	PP / DKN / M / 502 (Sheet No.18 OF 20)
18	20" ROOF MANHOLE (MH-2)	PP / DKN / M / 502 (Sheet No.19 OF 20)
19	EARTH TERMINAL	PP / DKN / M / 502 (Sheet No.20 OF 20)

DESIGN DATA

1	SERVICE	CRUDE OIL
2	CAPACITY Nominate / Pumpable (M³)	800 / 720
3	DESIGN CODE	API / 650
4	DIAMETER (mm)	10668
5	HEIGHT (mm)	9010
6	ROOF TYPE	SUPPORTED CONE
7	BOTTOM TYPE	CONE UP
8	CORROSION ALLOWANCE	1 / 16"
9	PUMPING RATES IN / OUT (M³ / HR)	50 / 115
10	VENT TYPE	FREE
11	NO OF GROUNDING LUGS	TWO
12	STAIR TYPE	SPIRAL
13	GAUGE HATCH	8" Ø
14	INSULATION	NONE
15	HEATING COIL ND x Length (M)	NONE
16	HEATING SURFACE AREA (M²)	
17	HYDROTEST PRESSURE (COIL) KG / CM²	
18	COIL RADIOGRAPH	
19	TOTAL WT. EMPTY (Kg)	26943
20	TOTAL WT. FULL OF WATWR (Kg)	
21	STORAGE TEMPERATURE	130° F

WEIGHTS

ITEM	WEIGHT (KG)
SHELL	14336
BOTTOM	5848
ROOF PLATES	4982
ROOF STRUCTURES	1777
MANHOLES / NOZZLES / APPURTENANCES	762
SPIRAL STAIR CASE	921
HEATING COIL & SUPPORTS	——
PLATFORM	——
TOTAL EMPTY	28,626

NOZZLES / MANHOLES

ITEM	QTY	SIZE(IN)	RATING(Lb)	TYPE	H
N - 1	1	4	150 RF	S . O	229
N - 2	1	10	150 RF	S . O	381
N - 3	1	4	150 RF	S . O	229
N - 4					
N - 5					
N - 6	1	1½"	150 RF	S . O	900
N - 7	1	1½"	150 RF	S . O	600
N - 8					
N - 9	1	6	150 RF	S . O	
N - 10	1	8	150 RF	S . O	
N - 11					
N - 12					
MH - 1	1	24 Ø	——		762
MH - 2	1	20 Ø	——		

NOTES:-

1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED
2. H IS THE DISTANCE FROM BOTTOM OF TANK SHELL TO CENTER OF NOZZLE / MANHOLE
3. DIMENSIONS GIVEN IN PARENTHESES ARE ARC LENGTHS MEASURED ALONG OUT SIDE SHELL SURFACE

Rev. 1	Issue For Fabrication			
Rev. 0	Issue For Approval			
Rev.N0	Revision Note.	Cad By	Checked By	Approved By

OIL & GAS DEVELOPMENT COMPANY LTD.
PROCESS & PLANTS DEPARTMENT
Dakhni Gas Processing Plant

TITLE:- COVER DRAWING FOR TANK (910-FB-01)

CAD BY	CHECKED BY	APPROVED BY	DRAWING NO.
SARWAR ORAID Sr. Tech.Officer(Draughting)	Junaid Khan J.E Mech	Hamid Raza Plant Manager	PP / DKN / M / 502 SHEET NO.1 OF 20
scale NTS	Computer Code PN .14	Rev. 1	Date 23-04-2017