SAN ANTONIO BARITE MILL

FLOW SHEET

THOMAS M. PLOUF

1974
1. 36" jaw crusher, 25 Hp DC motor, 400 amp capacity, - 2 inch
2. 36" flat belt conveyer, 25 Hp drive motor, 150 ft. long (one way)
3. 10 ft. x 10 ft. x 30 ft. deep, 50 ton, wooden hopper
4. 36" flat belt conveyer, 30 ft. long (one way)
5. 36" rolls crusher, central drive
6. Double scoop bucket conveyer, 24" wide, 30 ft. long (one way), central drive
7. 12 ft. Trommel screen, 1/2" holes, central drive
8. 20 ft. rake classifier, central drive
9. 4 - 3x3 Denver jigs, central drive
10. Double scoop bucket conveyer, 18' wide, 30 ft. long (one way), central drive
11. 12 ft. Trommel screen, 8 mesh holes, central drive
12. 24" rolls crusher, central drive
13. 4 - 4 ft. x 12 ft. Wilfley tables, central drive
14. 18" diameter x 15 ft. screw conveyer, 25 Hp motor
15. Double scoop bucket conveyer, 24" wide, 50 ft long (one way), central drive
16. Double scoop bucket conveyer, 9" wide, 15 ft. long (one way), 5 Hp motor
17. Rotary kiln, gas fired, 5 ft. diameter x 20 ft. long, 25 Hp motor
18. Double scoop bucket conveyer, 12" wide, 25 ft. long (one way), 5 Hp motor
19. Double cement storage bin, 2 - 20' x 20' x 4'
20. Redler elevator, 4" diameter, 20 ft. long, 10 Hp drive
21. 30 ft. ³ conical feed hopper
22. 48" Raymond mill, 100 Hp motor, 248 amp
23. Double whizzer section on top of Raymond mill
24. 4 ft. diameter blower, 25 Hp motor
25. Pneumatic classifier, 48" diameter
26. 20 ft. ³ conical feed hopper
27. Bagger, rented (not available to obtain information)
28. Double scoop bucket conveyer, 24" wide, 30 ft. long (one way), central drive
29. 6 - 3x3 Denver jigs, central drive
30. Dixie hammer mill, 10 TPH, 25 Hp motor
31. 2 - in series, 6 ft. diameter x 8 ft. thickener tanks, with reagent feeders
(32) 6 - 2' x 2' Denver float cells
(33) 3 - 2' x 2' Denver float cells
(34) 50 ft. diameter x 10 ft. Dorr thickener
(35) 3 - 2' x 2' Denver float cells
(36) 7 - 3' x 3' Denver float cells
(37) 2 - 3' x 3' Denver float cells
(38) 40 ft. diameter x 10 ft. Dorr thickeners
(39) 6 ft. diameter rotary-disk filter, Oliver, 4 disks, ejector, vacuum system, 25 Hp motor
(40) 48" rolls crusher, central drive shaft, 100 Hp motor, 3 Ph, 400 amp, - 3/4"
SAN ANTonio BREIT M mill FLOWSheet
(AFTER Addition of Petroleum Plant)

Flow Sheet:

SCEMs
CRUSH
Primary Crusher
SELT CRUSHER
SECONDARY CRUSHER
Foud CRUSHER

THICKNERS

TANK THINNERS

CLASSIFIER

(20) Bucket Counter

(20) Bucket Counter

TO FLOAT PLANT

Bucket Counter

Bucket Counter