

# Dugan Production

45-05598  
45-05688  
45-05682  
45-05642

| Dugan Well # | Gallup Injection Interval | Surf Csg |       |               | Prod Csg |       |       | TOC        | Tub ing |           | Liner                          | Inj Press-Oprtr PSI | Max Allow Inj Press PSI | Avg Inj Rate-Oprtr B/D | Max Inj Rate-Oprtr B/D | Cum Vol @ Avg Inj Rate- 20 Yrs MMB | Calc Est Vol of Inj Intrvl r=2640'M MB | Avg Eff Poro | So  | h   | r (calc) |     |
|--------------|---------------------------|----------|-------|---------------|----------|-------|-------|------------|---------|-----------|--------------------------------|---------------------|-------------------------|------------------------|------------------------|------------------------------------|----------------------------------------|--------------|-----|-----|----------|-----|
|              |                           | Dia      | Set @ | Cmt           | Dia      | Set @ | Cmt   |            | Dia     | Pkr Depth |                                |                     |                         |                        |                        |                                    |                                        |              |     |     |          |     |
| 157 WBU      | 4834'-4945'               | 10-3/4"  | 212'  | 200sx to surf | 7"       | 5018' | 200sx | 4004' Calc | 2- 3/8" | 4830'     | 4-1/2" set @ 4830' cmt to surf | 960 max             | 967                     | 400                    | 1000                   | 2.92                               | 9.9                                    | 12%          | 50% | 43' | 1423'    | 157 |
| 127 WBU      | 5028'-5048'               | 9-5/8"   | 214'  | to surf       | 5- 1/2"  | 5210' | 100sx | 4400' TS   | 2- 3/8" | 4980'     | N/A                            | 650-867             | 1006                    | 400                    | 1000                   | 2.92                               | 4.7                                    | 12%          | 50% | 20' | 2086'    | 127 |
| 125 WBU      | 4956'-5060'               | 9-5/8"   | 214'  | 175sx to surf | 5- 1/2"  | 5073' | 100sx | 4425' TS   | 2- 3/8" | 4921'     | N/A                            | 939 avg             | 991                     | 32 avg                 | N/R                    |                                    |                                        | 12% 200md    | 50% |     |          | 125 |
| 144 WBU      | 4990'-5004'               | 9-5/8"   | 198'  | 175sx to surf | 5- 1/2"  | 5185' | 135sx | 4465' TS   | 2- 3/8" | 4789'     | 3-1/2" set @ 4867' cmt to surf | 939 avg             | 998                     | 287 avg                | N/R                    | 2.09                               | 3.3                                    | 12% 200md    | 50% | 14' | 2111'    | 144 |

Information Supplied by Bill Freeman  
Nacoso EPA