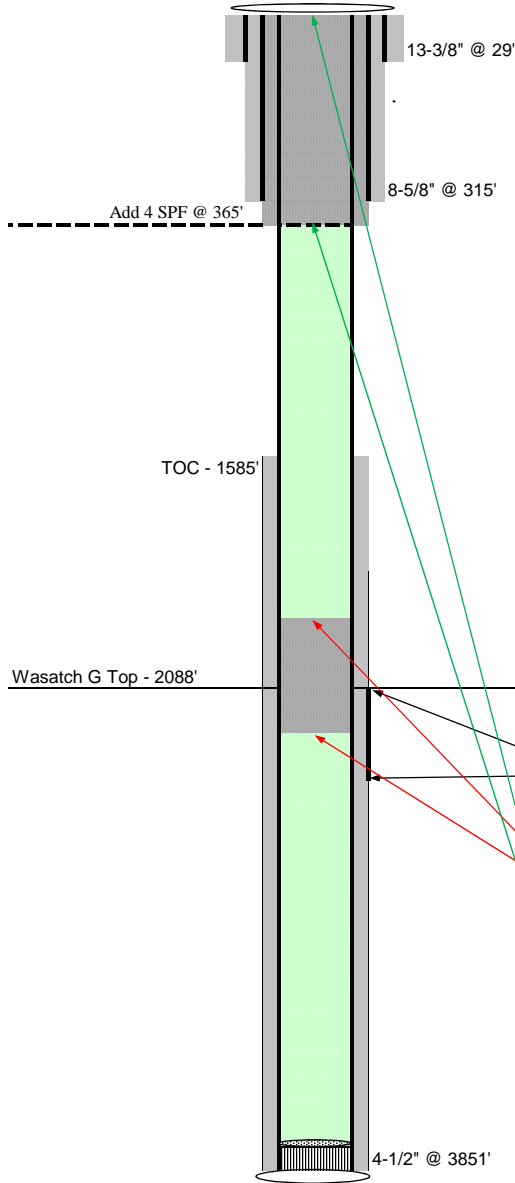


Exploration and Production

Well P&A Procedure



Well Name **DOE 1-W-28**
 Location **SWNE 28-6S-95W**
 Field **Parachute**
 County **Garfield, CO**
 API **05 045 06586**
 KB **5557'**
 Footages **1915' FNL, 1755' FEL**

Spud 8/31/1989

| | | | |
|--------|--------------------|--------------|-------------------|
| Casing | 29' | 13-3/8" 24# | |
| Cement | Redimix to surface | | |
| Casing | 315' | 8-5/8" 24# | |
| Cement | 100 sx | 50/50 Poz | |
| | 50 sx | Class G | |
| Casing | 3851' | 4-1/2" 10.5# | 0.08955 ft^3/Lnft |
| Cement | 610 sx | 50/50 Poz | |
| Tubing | 0' | 2-3/8" | |

Formation Tops

Wasatch 2088'

TOC - Bond Log 1585'

Completed Intervals

| | Depth | # Holes |
|------------------|---------------|---------|
| Wasatch G | 2088' - 2148' | 59 |

P&A Calculations

| | Shallow | Deep |
|---|-----------------------------|--------|
| Primary cement, balanced plug from | 2,020' | 2,120' |
| 8.955 ft^3 | between desired plug depths | |
| 1.15 ft^3/sk yield | 15.8 lb/gal cmt | |
| 7.79 sx for 100' plug in 4.5" 10.5# CSG | | |
| 150% excess | | |
| 11.68 sx Total | | |
| Secondary cement, plug from | 0' | 365' |
| 32.68575 ft^3 | between desired plug depths | |
| 1.15 ft^3/sk yield | 15.8 lb/gal cmt | |
| 28.42 sx for 365' plug in 4.5" 10.5# CSG | | |
| 150% excess | | |
| 42.63 sx Total | | |