

Downhole Schematic for ANDERSON 6-4-32



Project :DJ Basin

API # :05123325410000

Surface Location :

Area : Wattenberg

County :

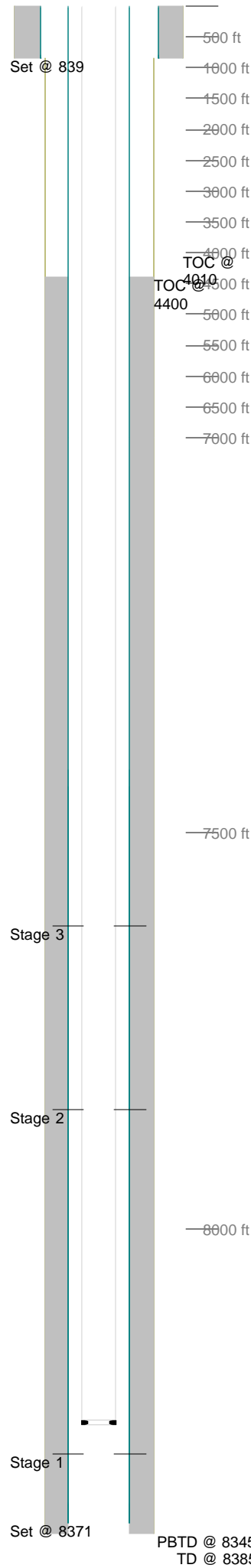
BHL :

As Of : 08/02/2012

GL : 4950.0 ft

KB to GL : 13.0 ft

KB : 4963.0 ft



| Casing Details | | | | | | | | |
|--|------------|-----------|--|---|---------|------------|-------|---------------|
| Section | Hole | Casing | Mass | Set At | Length | Thread | Grade | Description |
| Surface | 12.250 | 8.625 | 24 | 839 | 1 | | K55 | Guide Shoe |
| | | 8.625 | 24 | 838 | 41 | ST&C | J-55 | SJ/BAFFLE |
| | | 8.625 | 24 | 797 | 784 | ST&C | J-55 | CASING |
| | | 8.6.5 | 24 | 13 | 13 | | | Landing Joint |
| Production | 7.875 | | 0 | 8,371 | 1 | | K-55 | Float Shoe |
| | | 4.5 | 11.6 | 8,370 | 21 | | N-80 | Shoe Jt |
| | | | 0 | 8,349 | 1 | | K-55 | Float Collar |
| | | 4.5 | 11.6 | 8,347 | 906 | | SB-80 | Casing |
| | | | 4.5 | 11.6 | 7,441 | 21 | | N-80 |
| | | 4.5 | 11.6 | 7,420 | 7,407 | | SB-80 | Casing |
| | | | 4.5 | 0 | 13 | 13 | | SB-80 |
| | | | | | | | | |
| Cement Details | | | | | | | | |
| Section | Sequence | Top | Density | Blend / Additives | | | | |
| Surface | Lead | 0 | 14.5 | TYPE III Cmt Class C / + 0.08 lbs/sk Static Free + 1.5% Calcium Chloride + 0.15 lbs/sk Cello Flake + 60.5% Fresh Water. | | | | |
| Production | Lead | 4,400 | 12.5 | Premium Lite Cmt / +0.1% R-3 + 0.2% CD-32 +0.7% FL-52 + 0.2% ASA-301 + 6% Bentonite + 3 lbs/sx CSE-2 | | | | |
| | Tail | 7,000 | 13.5 | (50:50 Poz,Fly Ash / Class G Cmt + 0.1% R-3 + 0.6% FL-52 + 3% Bentonite + 0.1% SM + 20% Silica Flour | | | | |
| | | | | | | | | |
| Tubing and Downhole Equipment | | | | | | | | |
| O.D. | Length | Depth | Description | | | | | |
| 0.000 | 12.00 | 12.00 | KB | | | | | |
| 0.000 | 0.50 | 12.50 | Hanger | | | | | |
| 2.375 | 8,228.69 | 8,241.19 | 251 jts of new 2-3/8 J-55 EUE 4.7#, 8rd tbg, | | | | | |
| 2.375 | 1.10 | 8,242.29 | Seat nipple | | | | | |
| 0.000 | 10.13 | 8,252.42 | 2-3/8 J-55 pup jt | | | | | |
| 0.000 | 0.87 | 8,253.29 | Re-entry guide | | | | | |
| | | | | | | | | |
| Perforations | | | | | | | | |
| Stage 1 | | | | | | 06/22/2012 | 7,849 | 7,863 42 |
| | Date | From | To | Shots | Stage 3 | | | |
| | 06/21/2012 | 8,284 | 8,304 | 40 | | Date | From | To Shots |
| Stage 2 | | | | | | 06/22/2012 | 7,617 | 7,629 48 |
| | Date | From | To | Shots | | | | |
| | | | | | | | | |
| Frac Summary | | | | | | | | |
| Stage 1 : 8,284 - 8,304, 40 - 0.420" shots, 3631 bbls of Hybrid PermStim, 268820 lbs of 20/40 Ottawa | | | | | | | | |
| Report Date: 06/22/2012 | | | | | | | | |
| Stage 2 : 7,849 - 7,863, 42 - 0.420" shots, 2619 bbls of Hybrid PermStim, 250970 lbs of 30/50 Ottawa | | | | | | | | |
| Report Date: 06/22/2012 | | | | | | | | |
| Stage 3 : 7,617 - 7,629, 48 - 0.420" shots, 2619 bbls of Hybrid PermStim, 253380 lbs of 30/50 Ottawa | | | | | | | | |
| Report Date: 06/22/2012 | | | | | | | | |
| | | | | | | | | |
| Bridge Plug Details | | | | | | | | |
| Depth | Date Set | Plug Type | Sacks Cement | | | | | |
| 7,920.0 | 06/22/2012 | CFP | 0 | | | | | |
| 7,680.0 | 06/22/2012 | CFP | 0 | | | | | |
| 7,570.0 | 08/01/2012 | CBP | 0 | | | | | |
| | | | | | | | | |
| CFP at 7,920.0 drilled out 08/02/2012 | | | | | | | | |
| CFP at 7,680.0 drilled out 08/02/2012 | | | | | | | | |
| CBP at 7,570.0 drilled out 08/02/2012 | | | | | | | | |