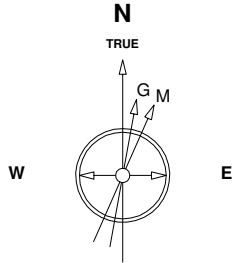


Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Schneider - South
Slot Slot 03 - Schneider HD 11-222HC
Well Schneider HD 11-222HC
Wellbore Schneider HD 11-222HC (PWB)

Created by admin
Date plotted 25-Jul-2016
Plot reference is Schneider HD 11-222HC (PWB).
Ref wellpath is Schneider HD 11-209HC (PWP#1).
Coordinates are in Feet reference Slot 03 - Schneider HD 11-222HC.
True Vertical Depths are reference Rig Datum.
Measured Depths are reference Rig Datum.
Rig Datum: RKB
Rig Datum to Mean Sea Level: 4751.30 ft.
Plot North is aligned to TRUE North.



Scale 1 cm = 400 ft

East (Feet) ->

-13600 -12800 -12000 -11200 -10400 -9600 -8800 -8000 -7200 -6400 -5600 -4800 -4000 -3200 -2400 -1600 -800 0 800 1600

BHL - 17,368 / 7175 MD/TVD, 2109.34 FSL, 470 FWL Sec 11

TPZ - 7717 / 7175 MD/TVD, 2155.02 FSL, 460 FEL Sec 12

Scale 1 cm = 400 ft

<- True Vertical Depth (Feet)

9 5/8in Surface Casing

S/2 Sec 11, T4N, R67W

S/2 Sec 12, T4N, R67W

SW/4 Sec 7
T4N, R66W

5 1/2in Production Casing

TPZ - 7717 / 7175 MD/TVD, 2155.02 FSL, 460 FEL Sec 12

BHL - 17,368 / 7175 MD/TVD, 2109.34 FSL, 470 FWL Sec 11

Scale 1 cm = 800 ft

Vertical Section (Feet) ->

Azimuth 275.03 with reference 0.00 N, 0.00 E from Slot 03 - Schneider HD 11-222HC

<- North(Feet)

Scale 1 cm = 200 ft

WELL PROFILE DATA

| Point | MD | Inc | Azi | TVD | North | East | deg/100ft | V. Sect |
|-------------------------|----------|-------|--------|---------|----------|------------|-----------|----------|
| Tie on | 16.20 | 0.00 | 0.00 | 16.20 | S 0.00 | W 0.00 | | 0.00 |
| KOP | 5087.50 | 0.00 | 344.43 | 5087.50 | S 0.00 | W 0.00 | 0.00 | 0.00 |
| End of Build | 6087.65 | 30.00 | 344.43 | 6042.56 | N 246.56 | W 68.69 | 9.84 | 90.03 |
| End of Hold | 6895.65 | 30.00 | 344.43 | 6742.28 | N 635.79 | W 177.13 | 0.00 | 232.16 |
| Target TPZ - ...Sec 12 | 7717.50 | 90.00 | 270.21 | 7175.00 | N 878.35 | W 743.87 | 32.81 | 817.98 |
| Target KOP | 16216.20 | 90.00 | 270.21 | 7175.00 | N 909.79 | W 9242.52 | 0.00 | 9286.69 |
| End of Turn | 16305.45 | 90.00 | 272.00 | 7175.00 | N 911.51 | W 9331.75 | 6.56 | 9375.73 |
| Target Noble ... North | 17224.06 | 90.00 | 272.00 | 7175.00 | N 943.52 | W 10249.80 | 0.00 | 10293.05 |
| End of Turn | 17355.73 | 90.00 | 246.45 | 7175.00 | N 919.11 | W 10378.07 | 63.65 | 10418.69 |
| T.D. & Target BHL... 11 | 17368.42 | 90.00 | 246.45 | 7175.00 | N 914.04 | W 10389.72 | 0.00 | 10429.84 |