



Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Tower

Slot N06 - Tower LD 19-062HN
Well Tower LD 19-062HN
Wellbore Tower LD 19-062HN (PWB)

Created by admin
Date plotted 14-Feb-2019

Plot reference is Tower LD 19-062HN (PWB).
Ref wellpath is Tower LD 19-062HN (PWP#1).
Coordinates are in Feet reference N06 - Tower LD 19-062HN.
True Vertical Depths are reference Rig Datum.
Measured Depths are reference Rig Datum.
Rig Datum: Planned Datum #1
Rig Datum to Mean Sea Level: 5259.60 ft.
Plot North is aligned to TRUE North.

Scale 1 cm = 400 ft

East (Feet) ->

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

BHL - 17,973 / 7901 MD/TVD, 861 FNL, 370 FWL Sec 19

Btm Perf - 17,873 / 7901 MD/TVD, 861 FNL, 470 FWL Sec 19

TPZ - 8404 / 7901 MD/TVD, 859 FNL, 460 FEL Sec 20

2400

1600

800

0

-800

-1600

-2400

-3200

-4000

-4800

-5600

-6400

<- North(Feet)

Scale 1 cm = 400 ft

<- True Vertical Depth (Feet)

Scale 1 cm = 800 ft

9 5/8in Surface Casing

TPZ - 8404 / 7901 MD/TVD, 859 FNL, 460 FEL Sec 20

5 1/2in Production Casing

Btm Perf - 17,873 / 7901 MD/TVD, 861 FNL, 470 FWL Sec 19

BHL - 17,973 / 7901 MD/TVD, 861 FNL, 370 FWL Sec 19

-3200 -1600 0 1600 3200 4800 6400 8000 9600 11200 12800 14400 16000

Scale 1 cm = 800 ft

Vertical Section (Feet) ->

Azimuth 273.34 with reference 0.00 N, 0.00 E from N06 - Tower LD 19-062HN

WELL PROFILE DATA

Point	MD	Inc	Azi	TVD	North	East	deg/100ft	V. Sect
Tie on	0.00	0.00	0.00	0.00	S 0.00	W 0.00		0.00
KOP	5978.70	0.00	325.78	5978.70	S 0.00	W 0.00	0.00	0.00
End of Build	6978.76	30.00	325.78	6933.68	N 211.60	W 143.92	3.00	156.00
End of Hold	7665.36	30.00	325.78	7528.28	N 495.47	W 337.01	0.00	365.30
Target TPZ - ...Sec 20	8403.61	90.00	269.63	7901.00	N 670.66	W 888.42	10.00	925.98
Target Btm Pe...Sec 19	17872.53	90.00	269.63	7901.00	N 610.15	W 10357.15	0.00	10375.10
End of Turn	17876.51	90.00	270.03	7901.00	N 610.14	W 10361.13	10.00	10379.08
T.D. & Target BHL... 19	17972.62	90.00	270.03	7901.00	N 610.19	W 10457.23	0.00	10475.02