

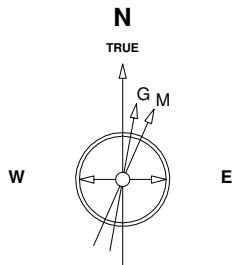
Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Simpson

Slot Slot S06 - Simpson FD 16-302HN
Well Simpson FD 16-302HN
Wellbore Simpson FD 16-302HN (PWB)

Created by admin
Date plotted 26-Jan-2017

Plot reference is Simpson FD 16-302HN (PWB).
Ref wellpath is Simpson FD 16-302HN (PWP#1).
Coordinates are in Feet reference Slot S06 - Simpson FD 16-302HN.
True Vertical Depths are reference Rig Datum.
Measured Depths are reference Rig Datum.
Rig Datum: Planned Datum #1
Rig Datum to Mean Sea Level: 4830.80 ft.
Plot North is aligned to TRUE North.



6-Apr-2015
IGRF Model [1900.0-2020.0] Dip: 66.96 deg Field: 52679.1 nT
Lat: N40 29 18.9312 Long: W104 52 27.4404 Elev: 4810.80 ft
Magnetic North is 8.51 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.51 deg

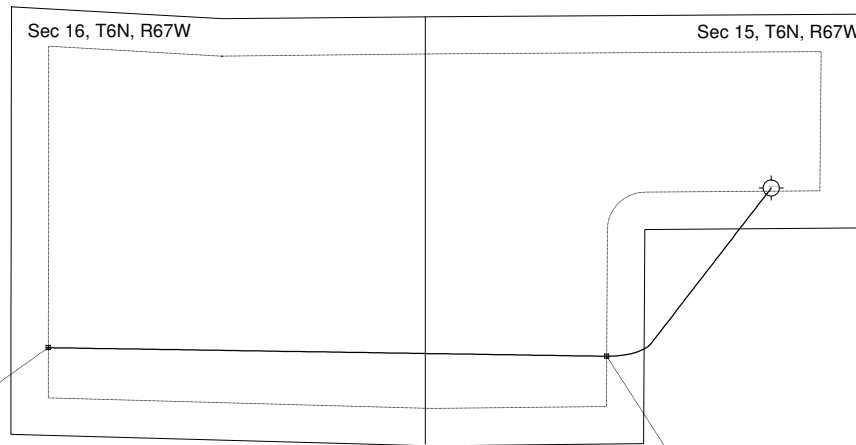
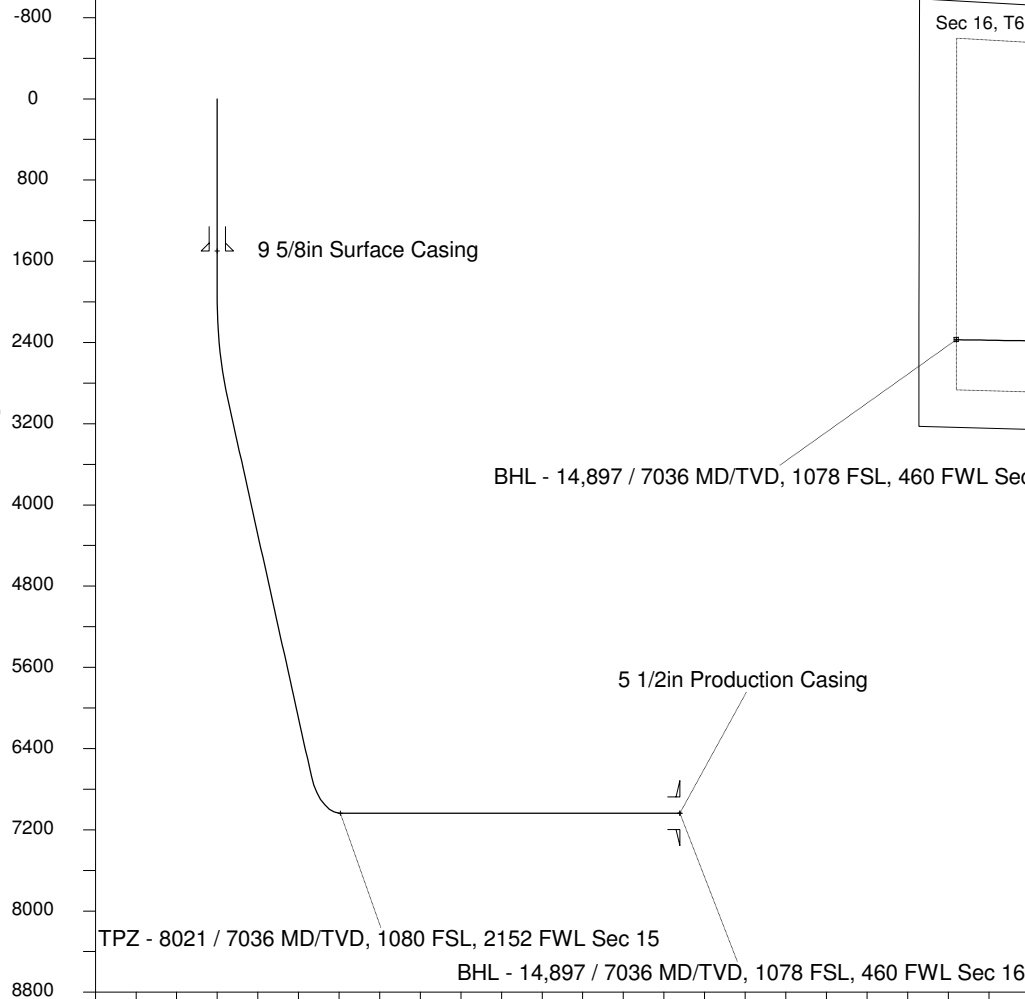
Scale 1 cm = 500 ft

East (Feet) ->

-11000 -10000 -9000 -8000 -7000 -6000 -5000 -4000 -3000 -2000 -1000 0 1000 2000

Scale 1 cm = 400 ft

<- True Vertical Depth (Feet)



BHL - 14,897 / 7036 MD/TVD, 1078 FSL, 460 FWL Sec 16

TPZ - 8021 / 7036 MD/TVD, 1080 FSL, 2152 FWL Sec 15

<- North(Feet)

Scale 1 cm = 500 ft

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	1976.00	0.00	217.69	1976.00	S 0.00	W 0.00	0.00	-0.00
End of Build	2975.96	30.00	217.69	2930.90	S 202.46	W 156.43	9.84	196.41
End of Hold	7295.44	30.00	217.69	6671.71	S 1911.47	W 1476.82	0.00	1854.28
Target TPZ - ...Sec 15	8021.12	90.00	270.88	7036.00	S 2071.43	W 2025.99	32.81	2425.02
T.D. & Target BHL... 16	14896.86	90.00	270.88	7036.00	S 1965.71	W 8900.92	0.00	9115.39

Scale 1 cm = 800 ft

Vertical Section (Feet) ->

Azimuth 257.55 with reference 0.00 N, 0.00 E from Slot S06 - Simpson FD 16-302HN