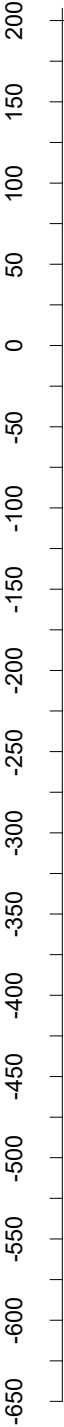


Great Western Operating Company, LLC

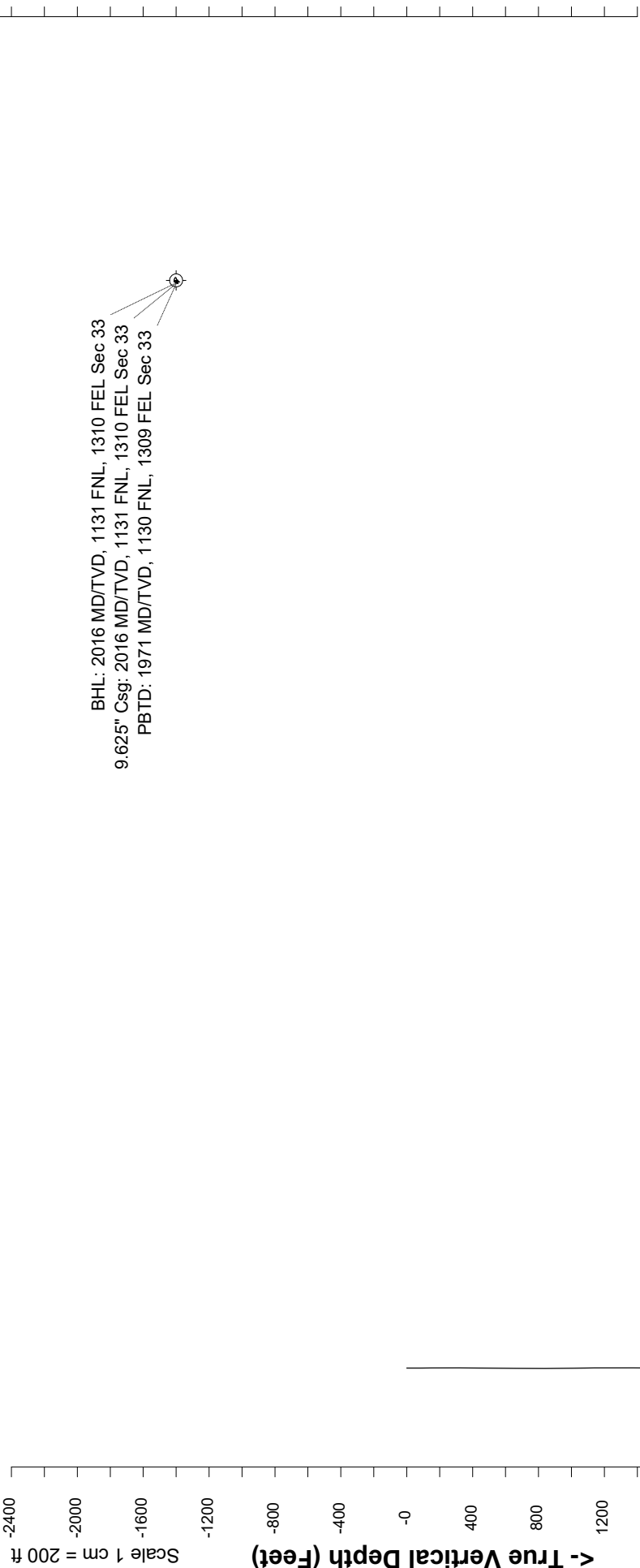
| | | | |
|--------------|------------|----------|---------------------------|
| Location | Colorado | Slot | N27 - Ottesen LE 09-362HN |
| Field | Wattenburg | Well | Ottesen LE 09-362HN |
| Installation | Ottesen | Wellbore | Ottesen LE 09-362HN (AWB) |

Scale 1 cm = 25 ft

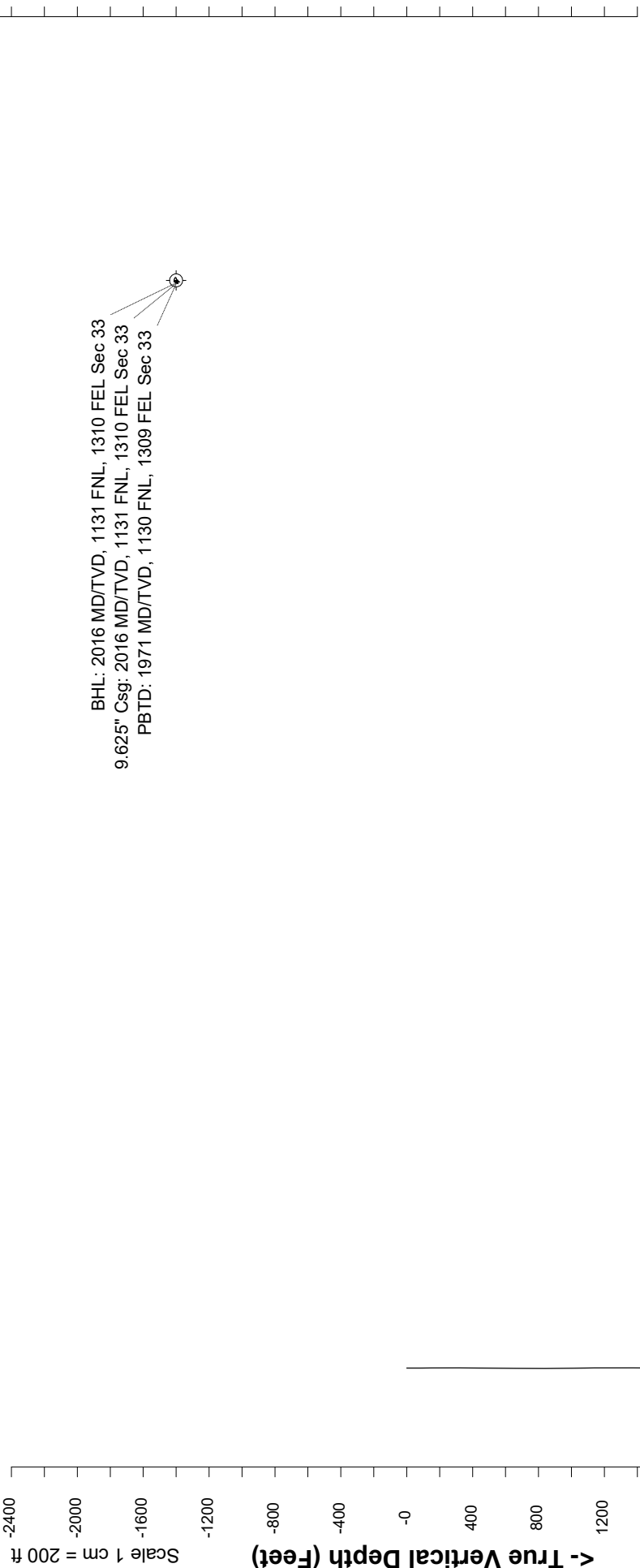
East (Feet) ->



Sec 33, T1N, R66W



ISRF-12 Dip: 66.56 deg Field: 52280.7 nT
Lat: N40 0 16.5600 Long: W104 46 43.1784 Elev: 5076.00 ft
Magnetic North is 6.28 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 6.28 deg



Scale 1 cm = 200 ft

Vertical Section (Feet) ->

Azimuth 219.70 with reference 0.00 N, 0.00 E from N27 - Ottesen LE 09-362HN

| | |
|--------------|-------------|
| Created by | mmount |
| Date plotted | 22-Apr-2020 |

Plot reference is Ottesen LE 09-362HN (AWB).
Ref wellpath is Ottesen LE 09-362HN (AWP#1).
Coordinates are in Feet reference N27 - Ottesen LE 09-362HN.
True Vertical Depths are reference Rig Datum.
Measured Depths are reference Rig Datum.
Rig Datum: Actual Datum #1
Rig Datum to Mean Sea Level: 5082.00 ft.
Plot North is aligned to TRUE North.

Great Western Operating Co, LLC
 Directional Survey Report
 Wellpath: Ottesen LE 09-362HN
 MDs and TVDs are from Rig Floor 5082.0ft above Mean Sea Level

| MD[ft] | Inc[deg] | Azi[deg] | TVD[ft] | North[ft] | East[ft] | DLS [deg/100ft] | Vertical Section[ft] |
|---------|----------|----------|---------|-----------|----------|-----------------|----------------------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 |
| 84.00 | 0.79 | 266.39 | 84.00 | -0.04 | -0.58 | 0.94 | 0.40 |
| 148.00 | 0.79 | 267.23 | 147.99 | -0.09 | -1.46 | 0.02 | 1.00 |
| 210.00 | 0.26 | 308.18 | 209.99 | -0.02 | -2.00 | 1.00 | 1.29 |
| 300.00 | 0.66 | 83.45 | 299.99 | 0.17 | -1.64 | 0.96 | 0.92 |
| 390.00 | 0.31 | 277.95 | 389.99 | 0.26 | -1.37 | 1.07 | 0.67 |
| 480.00 | 0.83 | 26.58 | 479.98 | 0.88 | -1.32 | 1.08 | 0.17 |
| 569.00 | 0.97 | 83.45 | 568.97 | 1.54 | -0.28 | 0.97 | -1.00 |
| 659.00 | 0.48 | 128.62 | 658.97 | 1.39 | 0.77 | 0.80 | -1.56 |
| 749.00 | 0.75 | 104.98 | 748.96 | 1.00 | 1.63 | 0.41 | -1.81 |
| 839.00 | 0.26 | 189.36 | 838.96 | 0.65 | 2.17 | 0.85 | -1.88 |
| 929.00 | 0.44 | 207.90 | 928.96 | 0.14 | 1.98 | 0.23 | -1.37 |
| 1019.00 | 1.05 | 259.05 | 1018.95 | -0.32 | 1.00 | 0.94 | -0.39 |
| 1109.00 | 0.35 | 244.99 | 1108.94 | -0.59 | -0.05 | 0.80 | 0.49 |
| 1199.00 | 0.53 | 273.12 | 1198.94 | -0.69 | -0.72 | 0.31 | 0.99 |
| 1289.00 | 0.79 | 258.88 | 1288.93 | -0.78 | -1.74 | 0.34 | 1.72 |
| 1378.00 | 0.22 | 28.52 | 1377.93 | -0.75 | -2.26 | 1.06 | 2.03 |
| 1468.00 | 0.79 | 45.30 | 1467.93 | -0.16 | -1.74 | 0.65 | 1.24 |
| 1558.00 | 0.88 | 6.98 | 1557.92 | 0.96 | -1.22 | 0.62 | 0.04 |
| 1648.00 | 0.70 | 97.95 | 1647.91 | 1.57 | -0.59 | 1.26 | -0.83 |
| 1738.00 | 0.31 | 166.24 | 1737.91 | 1.26 | 0.01 | 0.72 | -0.98 |
| 1968.00 | 0.87 | 212.95 | 1967.90 | -0.81 | -0.79 | 0.30 | 1.13 |
| 2016.00 | 0.87 | 212.95 | 2015.89 | -1.43 | -1.18 | 0.00 | 1.85 |