

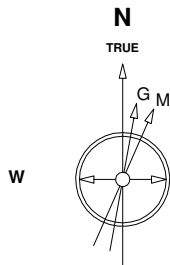
Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Kodak South

Slot Slot W04 - Kodak South FD 25-241HN
Well Kodak South FD 25-241HN
Wellbore Kodak South FD 25-241HN (PWB)

Created by admin
Date plotted 2-Dec-2016

Plot reference is Kodak South FD 25-241HN (PWB).
Ref wellpath is Kodak South FD 25-241HN (PWP#1).
Coordinates are in Feet reference Slot W04 - Kodak South FD 25-241HN.
True Vertical Depths are reference Rig Datum.
Measured Depths are reference Rig Datum.
Rig Datum: Planned Datum #1
Rig Datum to Mean Sea Level: 4762.60 ft.
Plot North is aligned to TRUE North.



Scale 1 cm = 400 ft

East (Feet) ->

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

15-Jul-2016
IGRF Model [1900.0-2020.0] Dip: 66.91 deg Field: 52519.4 nT
Lat: N40 27 32.4396 Long: W104 51 49.7592 Elev: 4742.60 ft
Magnetic North is 8.37 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.37 deg

Scale 1 cm = 500 ft

<- True Vertical Depth (Feet)

-4000
-3000
-2000
-1000
0
1000
2000
3000
4000
5000
6000
7000
8000

9 5/8in Surface Casing

TPZ - 7586 / 6910 MD/TVD, 2030 FSL, 1815 FWL Sec 26

BHL - 15,849 / 6910 MD/TVD, 2027 FSL, 460 FEL Sec 25

5 1/2in Production Casing

TPZ - 7586 / 6910 MD/TVD, 2030 FSL, 1815 FWL Sec 26

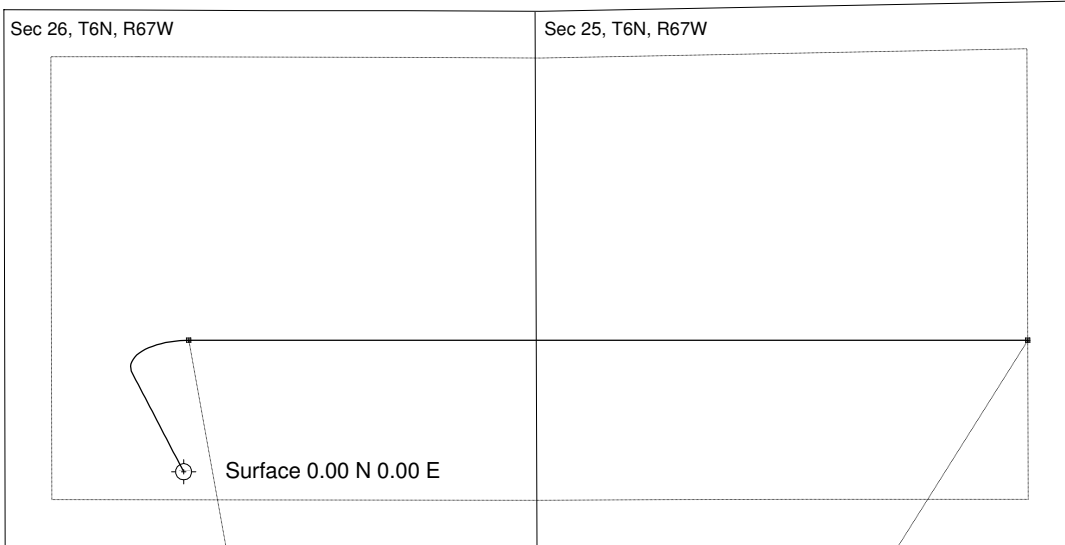
BHL - 15,849 / 6910 MD/TVD, 2027 FSL, 460 FEL Sec 25

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

Scale 1 cm = 500 ft

Vertical Section (Feet) ->

Azimuth 81.15 with reference 0.00 N, 0.00 E from Slot W04 - Kodak South FD 25-241HN



<- North(Feet)

5600
4800
4000
3200
2400
1600
800
0
-800
-1600
-2400
-3200

Scale 1 cm = 400 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	3873.00	0.00	332.51	3873.00	S 0.00	W 0.00	0.00	0.00
End of Build	4872.90	30.00	332.51	4827.84	N 226.93	W 118.09	9.84	-81.77
End of Hold	6552.40	30.00	332.51	6282.38	N 971.80	W 505.69	0.00	-350.15
Target TPZ - ...Sec 26	7585.79	90.00	89.99	6910.00	N 1293.32	E 51.76	32.81	250.12
T.D. & Target BHL... 25	15849.33	90.00	89.99	6910.00	N 1294.72	E 8315.31	0.00	8415.50