

Schilling

Final Surveys - Cimarex Dos Equis 11-14 Federal Com 4H ST01 MWD Off- 21967 Survey Geodetic Report (Def Survey)



Report Date: March 05, 2019 - 04:58 PM
Client: Cimarex
Field: NM Lee County (NAD 83)
Structure / Blot: Cimarex Dos Equis 11-14 Federal Com 4H / Cimarex Dos Equis 11-14 Federal Com 4H
Well: Cimarex Dos Equis 11-14 Federal Com 4H
Borehole: ST01
UWI / AWP: Unknown / Unknown
Survey Name: Final Surveys - Cimarex Dos Equis 11-14 Federal Com 4H ST01 MWD Off-21967
Survey Date: January 18, 2019
TVD / AHD / BDN / ERD Ratio: 229.953 / 10004.432 ft / 0.831 / 0.813
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 14' 16.56613", W 103° 39' 9.81011"
Location Grid N/E Y/X: N 450964.240 RUS, E 751783.040 RUS
CRS Grid Convergence Angle: 0.3031"
Grid Scale Factor: 0.9999566
Version / Patch: 2.10.753.0
Survey / DLS Computation: Minimum Curvature / Liberman
Vertical Section Azimuth: 179.645° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RWB
TVD Reference Elevation: 3007.600 ft above MSL
Beared / Ground Elevation: 3031.600 ft above MSL
Magnetic Declination: 6.726°
Total Gravity Field Strength: 998.4343mgal (9.80665 m/s^2)
Gravity Model: GARM
Total Magnetic Field Strength: 47948.343 nT
Magnetic Dip Angle: 59.520°
Declination Date: February 21, 2019
Magnetic Declination Model: HDGM 2019
North Reference: Grid North
Grid Convergence Used: 0.3031"
Total Corrig Mag North-Grid North: 6.3647"
Local Coord Reference To: Structure Reference Point

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Table with columns: Comments, ID, East (ft), Azim Grid (ft), TVD (ft), VSEC (ft), NS (ft), EW (ft), DLS (ft/1000), Northing (ft), Ending (ft), Lat/Blk (NAD 83), Longitude (GWS 11), Closure Azimuth (ft), Closure (ft). Contains a large grid of survey data points.



