

Company Name: Amtex Energy, Inc
Dagger State Com #504H
Lea County, New Mexico
Rig: United #40
Created By: Shelly Peterkin
Date: 3/29/2017

Dagger State Com #504H
Lea County, New Mexico
Q160443 & WT-160285
Target Change #3



Amtex Energy Inc.



Azimuths to Grid North
Magnetic North: 6.72°

Magnetic Field
Strength: 48182.3nT
Dip Angle: 60.28°
Date: 5/2/2016
Model: IGRF2015

PROJECT DETAILS: Lea County, New Mexico

Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level

WELL DETAILS: Dagger State Com #504H

Ground Level: 3783.8
+N-S: 0.0 +E-W: 0.0 Northing: 828133.50 Easting: 724945.23 Latitude: 32° 28' 59.432 N Longitude: 103° 30' 15.048 W

DESIGN TARGET DETAILS

Name	TVD	+N-S	+E-W	North	East	Latitude	Longitude
DAGGER STATE NEW BHL - plan this target center	10620.0	7839.9	25.0	535973.45	724955.20	32° 28' 17.008 N	103° 30' 15.130 W

ANNOTATIONS

MD	Inc	Asl	TVD	+N-S	+E-W	Vsect	Departure	Annotation
2202.0	0.21	217.76	2201.9	-12.5	-12.4	25.8	25.8	Tie into gyro @ 2202.0' MD/2201.9' TVD
10981.0	86.18	308.83	10971.1	239.1	-3.5	299.1	348.7	Crossed 330° Hardline @ 10981' MD / 10971' TVD
17250.5	88.82	0.98	10921.9	870.3	22.9	899.9	892.2	Crossed into Lot "A" Section 19 @ 17250.5' MD / 10922' TVD
18252.5	89.37	4.71	10925.0	7950.7	73.3	7959.9	7913.0	Crossed 330° Hardline @ 18252.5' MD / 10925' TVD
18459.0	91.40	7.72	10921.5	7754.9	95.8	7763.9	7818.5	BHL - FNL: 125.9' FEL: 401.1'
18459.0	91.40	7.72	10921.5	7754.9	95.8	7763.9	7818.5	TD @ 18459' MD / 10921.5' TVD

