



**Scientific
Drilling**

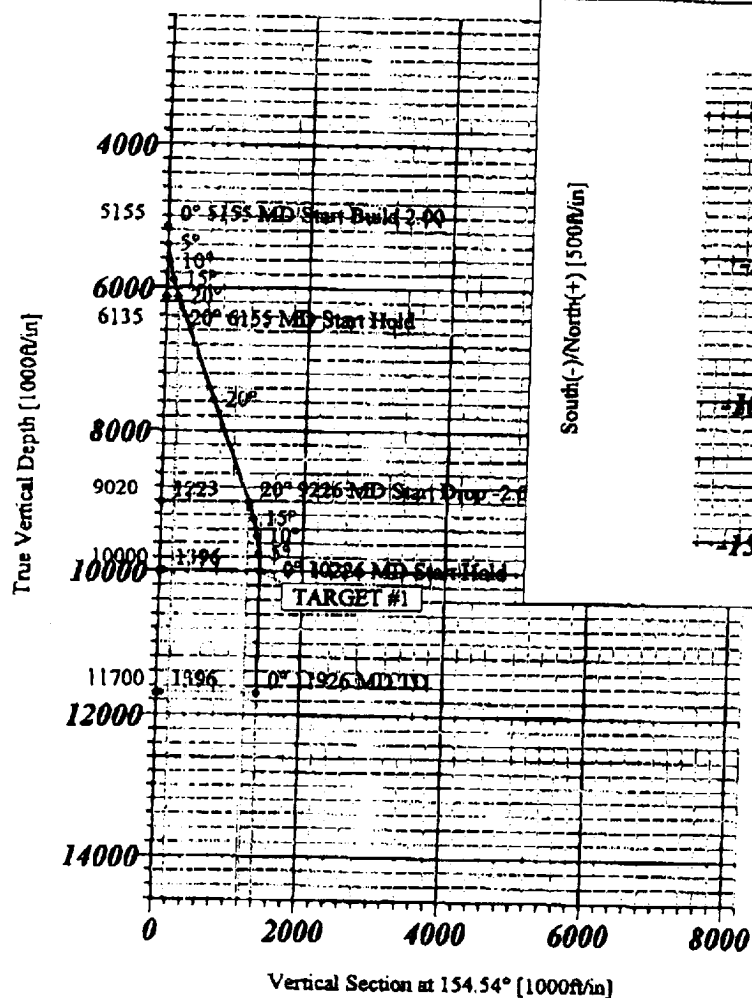
RICK EXPLORATION

Field: LADDY COUNTY N.M.
Site: SECTION 5-235-26E
Well: LANCASTER SPRINGS #4
Wellpath: ORIGINAL WELL
Plan: Plan #1

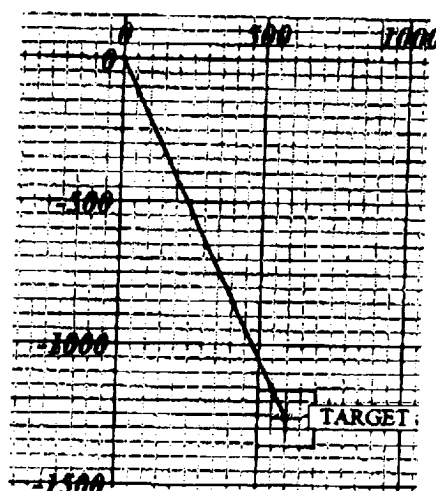


Azimuth to True North
Magnetic North: 9.07°

Magnetic Field
Strength: 49717nT
Dip Angle: 60.44°
Date: 03/23/2001
Model: 1997000



West(-)/East(+) [500ft/in]



KOP: 5155.4' MD
BUILD SECTION: 2 Deg Build to 20 Deg
@ 154.54 Azimuth
END OF BUILD: 6135.4' MD / 6135.3' TVD
HOLD SECTION: 6135.4' MD to 9225.5' MD
DROP SECTION: 2 Deg Drop to 0 Deg
@ 154.54 Azimuth
TARGET: 10225.5' MD / 10000' TVD
1260' South & 600' East of Surface
CONTINUE VERTICAL
TD: 11925.5' MD / 11700' TVD

SECTION DETAILS

Sec	MD	Ino	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	154.54	0.0	0.0	0.0	0.00	0.00	0.0	
2	5155.4	0.00	154.54	5155.4	0.0	0.0	0.00	0.00	0.0	
3	6135.4	20.00	154.54	6135.3	-156.0	74.3	2.00	154.54	172.8	
4	9225.5	20.00	154.54	9020.2	-1104.0	523.7	0.00	0.00	1222.8	
5	10225.5	0.00	154.54	10000.0	-1260.0	600.0	2.00	180.00	1395.6	TARGET #1
6	11925.5	0.00	154.54	11700.0	-1260.0	600.0	0.00	154.54	1395.6	