

30-025-38691

Cimarex Energy Company

HALLIBURTON

Sperry Drilling Services

Project: Lea County, NM
 Site: Caudill West "17" Fee
 Well: #2H
 Wellbore: ST01
 Plan: Plan #1 (#2H/ST01)
 Rig: T&B

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10430.04	0.00	0.00	10430.04	0.00	0.00	0.00	0.00	0.00	KOP at 10,430' MD
10732.72	90.81	2.45	10621.00	193.49	8.29	30.00	2.45	193.67	EOC at 10,732' MD
12441.21	90.81	2.45	10597.00	1900.25	81.46	0.00	0.00	1902.00	TD at 12,441.21' MD

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape Point
C.W.17F#2 PBHL(P1)	10597.00	1900.25	81.46	737652.35	852240.86	

US State Plane 1983

New Mexico Eastern Zone

Elevation: 3,913' GL + 23' KB @ 3936.00ft (T&B)

Northing
735752.10Easting
852159.40Latitude
33° 1' 6.461 NLongitude
103° 19' 9.466 W

To convert a Magnetic Direction to a Grid Direction, Add 7.42°

 Magnetic Model BGGM2007 Date: 09-Jan-08
 Azimuths to Grid North
