

APACHE CORPORATION
WELLBORE DIAGRAM AND INFORMATION

Well Name: Crow Federal #20H

API: 30-015-41910

Spud Date: 2/28/2014

Field: Cedar Lake

County: Eddy

State: New Mexico

Surface:	2310' FSL & 370' FEL Lot 1, Section 10, T-17-S, R-31-E Eddy County, New Mexico
BHL:	2311' FSL & 331' FWL Section 10, T-17-S, R-31-E Eddy County, New Mexico
GR:	3,924'
KB:	3,935'
TVD:	5,836'
TMD:	10,296'
PBMD:	10,296'

Hole Size
= 17 1/2"

Hole Size
= 11"

Hole Size
= 7 7/8"

13 3/8" 48# H-40 STC csg set @ 680'
CMT w/ 730 sx; TOC @ surface (circ)

8 5/8" 32# J-55 LTC csg set @ 3,500'
CMT w/ 1,180 sx; TOC @ surface (circ)

5 1/2" 17# L-80 LTC csg set @ 10,296'
CMT w/ 1680 sx; TOC @ surface (circ)

Rupture Disk @ 10,167'

KOP - 5458'