

APACHE CORPORATION

WELLBORE DIAGRAM AND INFORMATION

Well Name: Crow Federal #10H
API: 30-015-40574
Spud Date: 4/17/2013

Field: Cedar Lake
County: Eddy
State: New Mexico

Surface:	883' FSL & 250' FWL Lot M, Section 10, T-17-S, R-31-E Eddy County, New Mexico
BHL:	888' FSL & 332' FEL Lot P, Section 10, T-17-S, R-31-E Eddy County, New Mexico
Elevation:	3,884'
KB:	11'
TVD:	5,326'
TMD:	9,765'
PBMD:	9,624'

Hole Size
= 17 1/2"

Hole Size
= 12 1/4"

Hole Size
= 8 3/4"

KOP - 4829'

Hole Size
= 6 1/8"

13 3/8" 48# H-40 STC csg set @ 575'
Cmt w/ 655 sx circ to surface

9 5/8" 36# J-55 csg set @ 3,500'
Cmt w/ 1,850 sx circ to surface

7" 26# J-55 STC csg set @ 4,780'
Cmt w/ 610 sx circ to surface

4 1/2" 13.5# L-80 LTC-Liner set @ 9,638', TOL = 4780'
Cmt w/ 270 sx

129' of
Fish left in hole

Perf 5,445'-9,538' (630 holes)

Created By: Hillari J. Gould 2/5/14