

Apache Corporation – Empire Abo Unit #408

GL=3,686'
KB=3,697'
Spud: 10/18/11

Wellbore Diagram – Current

Date : 11/9/2011
S. Hardin

API: 30-015-39020

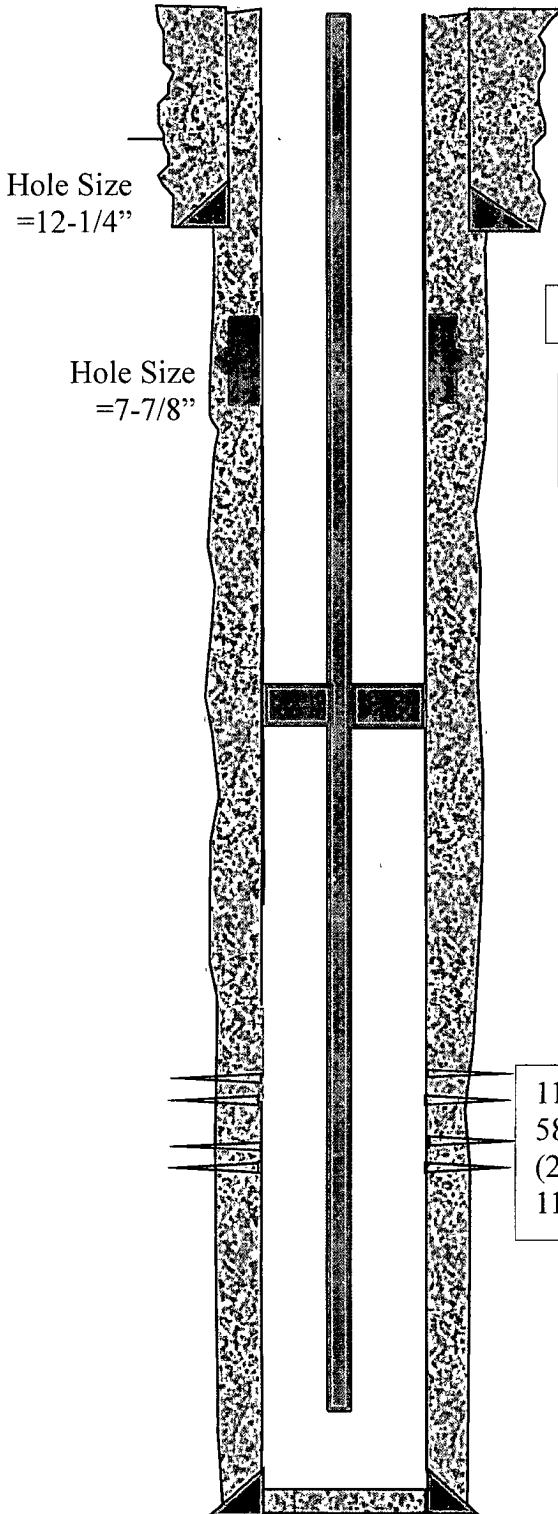
Surface Location



140' FSL & 2560' FEL, Unit O
Sec 31, T17S, R28E, Eddy County, NM

Surface Casing

8-5/8" 24# J-55 @ 512' w/ w/ 410 sx to w/ 150 sx
top job to surface



DV @ 2973'

TAC @ 5222'
SN @ 6038'

11/4/11: Perf Abo @ 5770'-80', 5786', 5790', 5798'-5803', 5820'-5838', 5846'-60', 5866'-76', 5904'-24', 5940'-62, 6022'-32' w/ 2 JSPF (226 holes)
11/7/11: Acidized w/ 5000 gals of 15% NEFE Acid

PBTD = 6253'
TD = 6273'

Production Casing

5-1/2" 17# J-55 @ 6,318' w/ 710 sxs
DV @ 2,973' w/ 580 sxs to surface