

GL=3696'
KB=3708'
Spud: 10/11/11

Apache Corporation – Empire Abo Unit #419

Wellbore Diagram – Current

API: 30-015-39011

Date : 11/7/2011
S. Hardin

Surface Location



1190' FSL & 1320' FEL, Unit O
Sec 31, T17S, R28E, Eddy County, NM

Surface Casing

8-5/8" 24# J-55 @ 496' w/ 385 sx to w/ 85 sxs top
job to surface

DV @ 2990'

TAC @ 5758'
SN @ 6043'

TUBING DETAIL

Qty	Description	Length	Depth
193	2-7/8" J-55 8rd EUE 4.7#	5996'	6044'

10/27/11: Perf Abo @ 5,810'-14'; 5,818'-20'; 5,825'-38'; 5,846'-50';
5,856'-64'; 5,870'-84'; 5,888'-90'; 5,898'-5,900'; 5,904'-20'; 5,948'-61';
6,000'-04' w/ 2 JSPF (164 holes)
10/28/11: Acidized w/ 5,000 gallons of NEFE acid in single stage

Production Casing

5-1/2" 17# J-55 @ 6310' w/ 650 sxs
DV @ 2990' w/ 530 sxs to surface

PBTD = 6,262'
TD = 6,310'

