

KB: 18.4'

Apache 24 Federal #1

Eddy, Co. New Mexico
Unit P, Sec 24, T22s, R 30E

Straight Hole

2 1/16" 10M F.E. Tree

Hanger: 2 3/8" 8rd (top) x
2 3/8" 8rd (bottom)

Tbg: 2 3/8" 4.7# N-80 EUE 8rd
403 jts

Annular Fluid: 2 % KCL w/ Oxygen
Scavenger

13 3/8" 54.5# K-55 ST&C @ 551'
cmt'd w/ 550 sx

Calc TOC in 7"- 3500'

9 5/8" 40# K-55 LT&C @ 3840'
cmt'd w/ 1404 sx

DV Tool @ 7883' cmt'd 2nd stg w/
925 sx

TOL @ 12163' Tested to 13.25 ppg EMW

7" 17# L-80, N-80 & S-95 LT&C @ 12400'
cmt'd 1st stg w/ 1035 sx

4 1/2" 13.5# 'PLS' pkr @ 12550'
10'- 2 3/8" 4.7# N-80 8rd pup jt
'X' nipple (1.875" ID) @ 12564'
6'- 2 3/8" 4.7# N-80 8rd pup jt
W/L Re-entry guide EOT @ 12572'

4 1/2" 13.5# 'BWB' pkr @ 12900'
w/ 20' Seal Bore Ext.
10'- 2 3/8" 4.7# 8rd pup jt
1- 'X' Nipple (1.875" ID) @ 12933'
10'- 2 3/8" 4.7# pup jt
1- 'XN' Nipple (1.875" ID, 1.791" No-Go)
@ 12944'

EOT @ 12946'

4 1/2" CIBP @ 13980'
4 1/2" 13.5# 'BWB' pkr @ 13988'
w/ 20' Seal Bore Ext.
10'- 2 3/8" 4.7# 8 rd pup jt
1- 'X' Nipple (1.875" ID) @ 14020'
10'- 2 3/8" 4.7# 8 rd pup jt
1- 'XN' Nipple (1.791" No-Go) @ 14031'
Mechanical gun release
TCP guns released

kdr/ 1-8-96

Strawn

Perfs: 12686'- 12701' (61 Holes) 4 spf
PBTd: 12880'
'PX' plug @ 12944' w/ 20' of 20/40 Sand

Atoka Bank

Perfs: 13074'- 13083' (36 Holes)

Morrow

Perfs: 14086'- 14096' (40 Holes)
14096'- 14110' (28 Holes)

4 1/2" 13.5# S-95 Liner @ 14520'
cmt'd w/ 275sx

TD: 14525'
PBTd: 14475'