

Derrick Federal Com #3
3300' FSL & 1980' FWL
Sec. 5, T-16-S, R-28-E
Eddy Co., NM

Elevation: 3655' GL, 3671' KB

Current Completion

Spud L : 8/11/00
Completion Date: 9/25/00

Completion

9/00 - Perforated Morrow 9106-18' using TCP guns loaded 6 spf 60 degree phasing 32g charges. Had water cushion to surface in 1 minute. Mud to surface in 1.5 min. Choke plugged off w/mud. Tbg pressure built to 3400 psi in 3 minutes. IP: 2.0 MMcfpd FTP - 3200 psi on 9/64" ck. Initial static BHP recorded at 4223 psi from "dip in".

12/00 - Set 3/4" downhole choke in "F" nipple at 9025' to eliminate hydrate formation in tubing.

13-3/8", 48#, H-40 ST&C
@ 500' Cmt'd w/440sx
Cmt did not circulate.
Topped out w/1" tbg to surface.

8-5/8", 32#, HCK-55 LT&C
@ 2007' Cmt'd w/ 805 sx
Circ'd to surface.

Packer Fluid - 2% KCl w/O2 scavenger and biocide

TOC - 5740' (CBL)

Tubing Detail:

8' 2-3/8" L-80 EUE 8rd sub
276 jts 2-3/8" , 4.7#, L-80 EUE 8rd tbg

6' marker sub 1 jt above on/off tool

Baker L-10 on/off tool w/1 .875" "F"
profile nipple (w/3/4" downhole choke)

Arrowset I retrievable packer @ 9026
Set in 15K lbs compression
Spacer - 1 jt 2-3/8" L80 tbg
Bar vent assy.
Mechanical tubing release
Spacer - 1 jt 2-3/8" L80 tbg
Mechanical firing head

TCP gun assy. loaded 6 spf 60 deg.

5-1/2", 17# L-80 @
9250' Cmt'd w/ 765 sx

Morrow:
9106-18'
6spf

TD: 9250'
PBTD: 9122'