



Oper.: OXY USA WTP LP

Well: SAMANTHA 31-6 FED COM 1H

API # 30-015-40050

Loc. 990' FSL 450' FWL SEC 31 T18S. R31E

County/State EDDY, NM

Spud Date 4/24/12

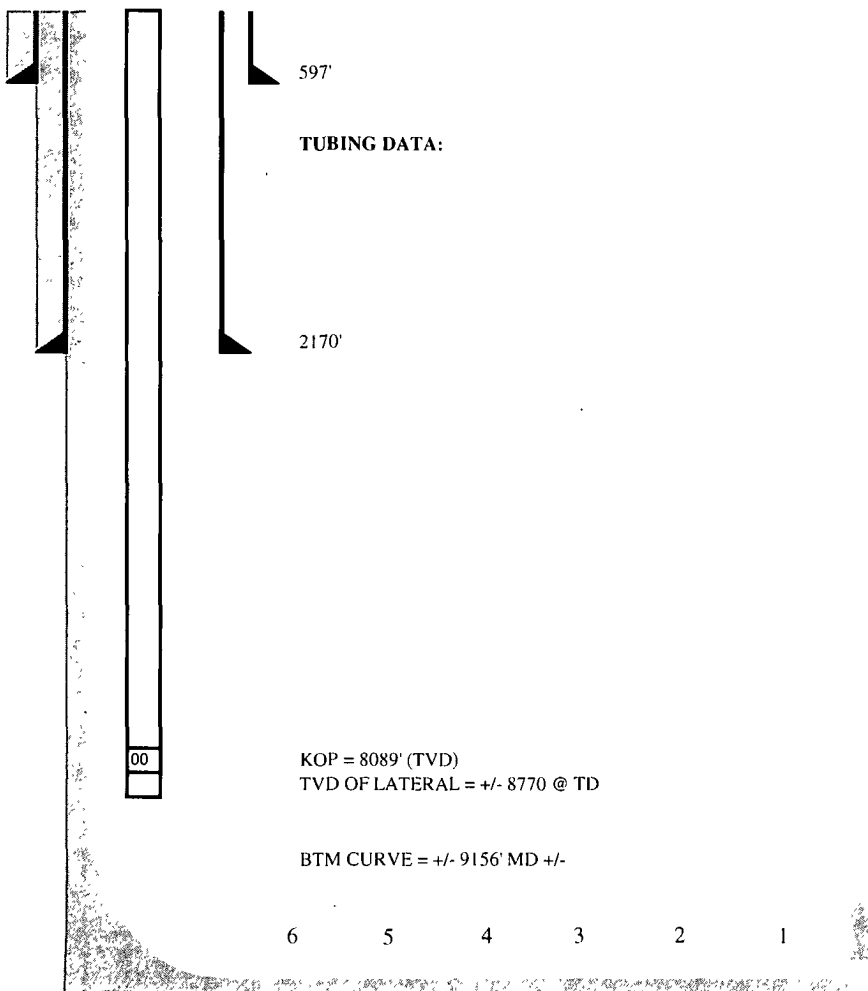
GL 3531 60' KB = 25' (ORIGINAL KB = 3556 60')

13.375" 48# H-40 STC CSG @ 597' W/ CMT CIRC TO SFC
(17.5" HOLE SIZE, 720 SX)
CIRCULATED 353 SX TO SFC

9.625" 40# J55 LTC CSG @ 2170' W/ CMT CIRC TO SFC
(12.25" HOLE SIZE, 1070 SX)
CIRCULATED 162 SX TO SFC

2-7/8" L-80 6.5# EUE 8 RD T&C @ 7801'
INTAKE ESP DEPTH (7897')
BTM OF SENSOR (7940')

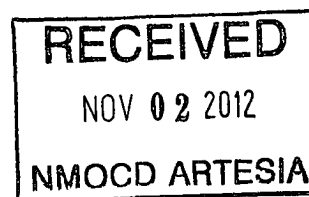
5.5" 17# L-80 LTC CSG @ W/ TOC @ SFC.
(8.75" HOLE SIZE, 3555 SX)
STG. 1 - 2170 SX - OPEN DV TOOL - CIRC'D 133 SX
STG. 2 - 1060 SX - CIRC'D 160 SX
STG. 3 - 370 SX - CIRC'D 14 SX TO SFC
ID = 4.892" - DID = 4.767" - BURST = 7740 PSI - COLLAPSE = 6290 PSI



TD = 14381'

PBTD = 14290'

Stage 1: 13,575' - 14,250' (6 SPF, 0.39", 38 holes)
Stage 2: 12,265' - 13,350' (6 SPF, 0.39", 38 holes)
Stage 3: 11,775' - 12,450' (6 SPF, 0.39", 38 holes)
Stage 4: 10,875' - 11,550' (6 SPF, 0.39", 38 holes)
Stage 5: 9,975' - 10,650' (6 SPF, 0.39", 38 holes)
Stage 6: 9,075' - 9,750' (6 SPF, 0.39", 38 holes)



1R 6/28/12