

Form C-105 Lines 26 & 27 Attachment

Liberty 4 #1
API# 30-025-35371
Section 4 T20S-R36E
Lea County, New Mexico

CONFIDENTIAL

PERFORATION RECORD/ACID, SHOT, FRACTURE, CMT, SQUEEZE, ETC.

10,984'-86'	8 holes	Swab test, 100% wtr, squeeze perms w/ 75 sx cmt, DOC.
13,455'-75	41 holes	2000 gal 15% NEFe, swab wtr.
13,348'-58'	21 holes	500 gal 7 ½% NEFe HCl, swab wtr.
13,120'-30'	21 holes	500 gal 7 ½% NEFe HCl, swab wtr.
12,658'-60', 68'-70', 74'-78', 81'-83'	24 holes	100 gal 15% NEFe HCl, swab, show of oil.
12,455'-65'	21 holes	No acid, swab wtr.
12,115'-18', 12,124'-26', 12,132'-34', 12,138'-40', 12,144'-46', 12,152'-54'	32 holes	500 gal 15% NEFe HCl, swab wtr.
12,041'-43', 49'-51', 56'-58', 64'-66', 71'-73'	25 holes	500 gal 15% NEFe HCl, swab wtr.
11,841'-47', 11,863'-67'	22 holes	1000 gal 15% NEFe HCl, swab wtr.
11,714'-19', 11,731'-37', 11,747'-50'	31 holes	No acid, swab wtr.
CIBP @ 13,440', 12,400', 10,875'		Each w/ 35' cmt on top.
10,604'-14', 10,619'-21',	26 holes	500 gal 15% NEFe HCl.