

Esperanza #3

Lease No.: Dist. No. : County: Eddy Field: Esperanza (Delaware)
 Section: 4 Twsp: 22 S Rge: 27 E Unit Ltr: N Location: 660 FSL & 1880 FWL

API No. 30-015-20759 Re-entry by Manzano

Spud Date: 09/29/99
 TD Date: 09/30/99
 Comp Date: 10/05/99

Hole size
 17.500

Hole Size 12.25'

TOC 51/2" @ 1694'
 by CBL

TOC @ 52' behind 10 3/4" csg

13 3/8 @ 333'. 350 sx. Circ

10 3/4 @ 1874' 40 1/2# & 32 3/4 #
 600 sx. TOC @ 52'
 Delaware perms 2035-2043 A/ 750 Trace oil

EZSV @ 2100
 200 sx squeeze to 1500#

Delaware perms 2112-2126 A/ 750 Trace oil

CIBP @ 3000 W 25 sx

Delaware perms 3056-3064 A/ 750 2% oil
 Frac w/ 6000 Gal & 8160#

CIBP @ 3350 W/ 25 sx

Delaware Perfs 3443-3448 A/ 750
 100% water

CIBP @ 4130 W/ 25 sx

Delaware Perfs 4143-4149 A/ 500 Trace oil
 Frac w/ 12,600 gal & 25000#
 5 1/2" @ 4356 17# & 15.5 # w/ 905 sx

50 sx cmt plug @ 5090'- 5200'
 Hole Size cmt plug @ 5750'
 9.5" TOC @ ?

7 5/8" cut @ 5800'

80 sx cmt plug @ 8622'

Liner Hanger @ 8669'
 7 5/8" @ 8920' w/ 300 sx

CIBP @ 9400' w/ cmt

Wolfcamp 9687'- 9765'

CIBP @ 10300' w/ cmt

Strawn 10313'- 10398'

CIBP @ 11110' w/ cmt

Morrow 11350'- 11468'

CIBP @ 11500' w/ cmt

Morrow 11551'- 11637'
 5 1/2" csg @ 11710' cmt w/ 375 sx

09/26/2001