

Current Wellbore

Occidental Permian Ltd.

Hardin B-1

30-025-36934

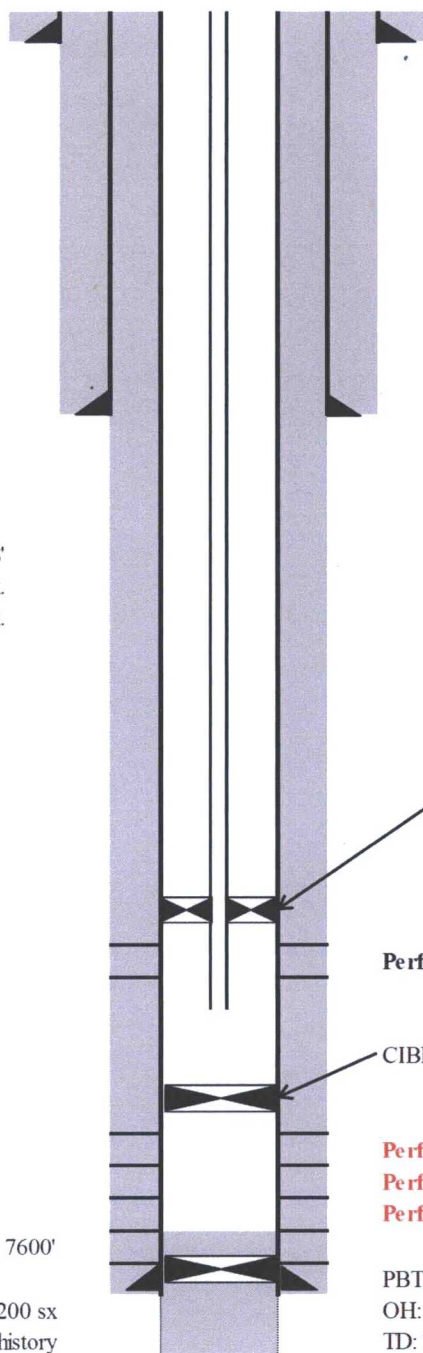
Lea Co., NM

Casing OD: 14" H40 @ 40'
Hole size: 18"; Cmnt w/ 50 sx.
TOC unreported (Calc = surf)

Casing OD: 8 5/8", 24# @ 1508'
Hole size: 12 1/4"; Cmnt w/ 675 sx.
Circ 28 sx.

Casing OD: 5.5" J55 15.5# @ 7600'

Circulated 200 sx
SEE CBL report in history



*Lost circulation throughout drilling, and especially last few hundred feet

166 JTS 2-7/8" Tubing
5.5" TAC @ ~5382'
1.50" x 24' Insert Pump
6: 1", 75: 3/4", 70: 7/8", and 68: 1" 'D' rods
Seat Nipple @ 5519'

Perforations: 5454'-5508' (4-SPF) 09/2016 - OPEN

CIBP SA 6620'

Perforations: 7116-7150 (2/2005) - PB

Perforations: 7198-7534 (2/2005) - PB

Perforations: 7585-95 (2/4/2005) - Squeezed (2/4/2005)

PBTD @ 7560'; TOC = 7550'

OH: 7600-7866'

TD: 7866'

Proposed Wellbore

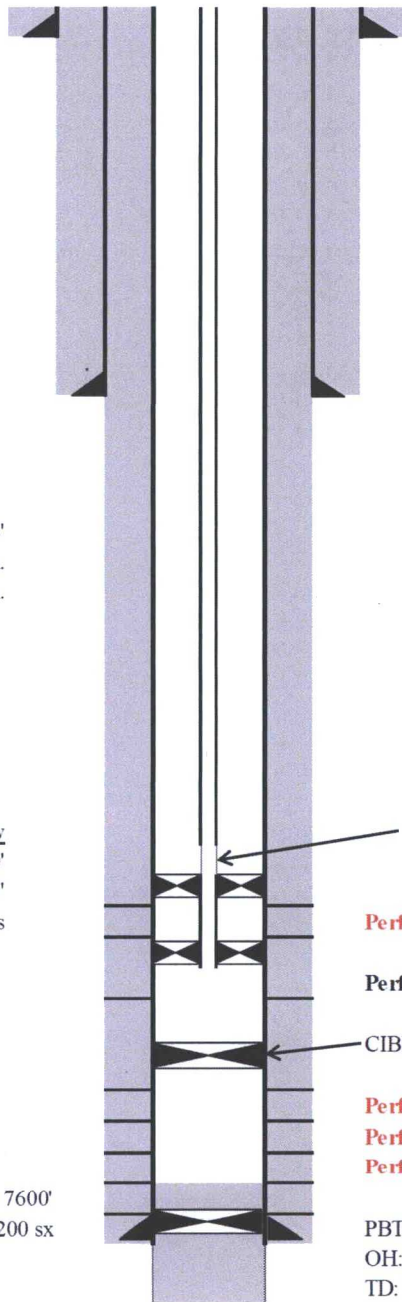
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Lea Co., NM

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Hole size: 18"; Cmmt w/ 50 sx.
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Circ 28 sx.

Straddle Packer Assembly
Top Packer SA 5440'
Bottom Packer SA 5523'
L80 Tubing between straddle packers

Casing OD: 5.5" J55 15.5# @ 7600'
Circulated 200 sx



*Lost circulation throughout drilling, and especially last few hundred feet

2-7/8" Tubing
2" x 24' Insert Pump
Seat Nipple @ 5434'
6' Perforated Sub

Perforations: 5454'-5508' (4-SPF) 09/2016 - Isolated

Perforations: 5562'-77, 5587'-96' (4-SPF) 08/2017 - OPEN

CIBP SA 6620'

Perforations: 7116-7150 (2/2005) - PB

Perforations: 7198-7534 (2/2005) - PB

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