

ROSA UNIT #393A
BASIN FRUITLAND COAL

OIL CONS. DIV DIST. 3
AUG 02 2017

Spud date: 08/08/07
Completed: 08/31/07
1st Delivered: 09/21/07

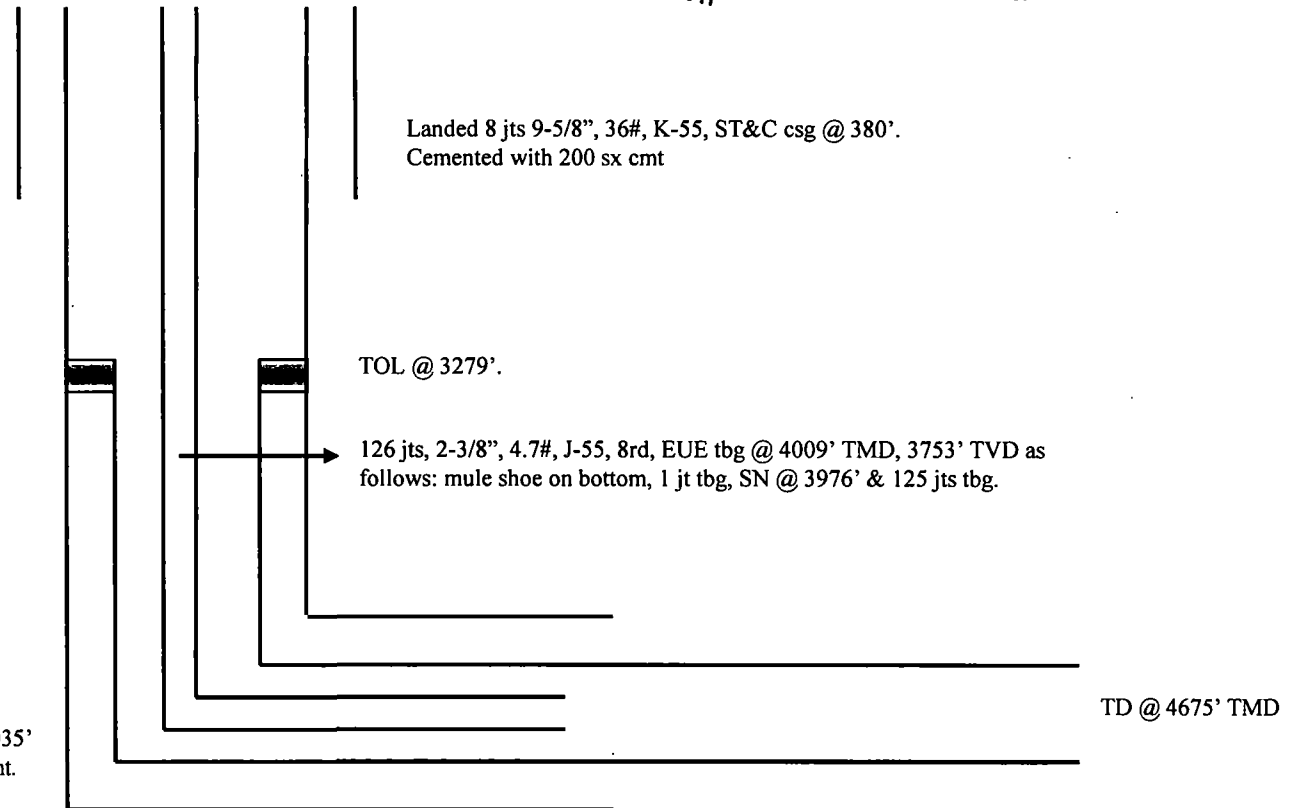
Location:

SHL: 2605' FSL and 2520' FEL
NW/4 SE/4 Sec 15(J), T31N, R04W

BHL: 3350' FSL and 3332' FEL
SE/4 NW/4 Sec 15(F), T31N, R04W
Rio Arriba, New Mexico

Elevation: 6887' GR
API # 30-039-29801

Top	MD Depth
Ojo Alamo	3161'
Kirtland	3286'
Fruitland	3662'



Hole Size	Casing	Cement	Volume	Top of CMT
12-1/4"	9-5/8", 36#	200 sxs	282 cu.ft.	surface
8-3/4"	7", 23#	725 sxs	1311 cu.ft.	surface
6-1/4"	4-1/2", 11.6#	Did Not Cmt	N/A	N/A

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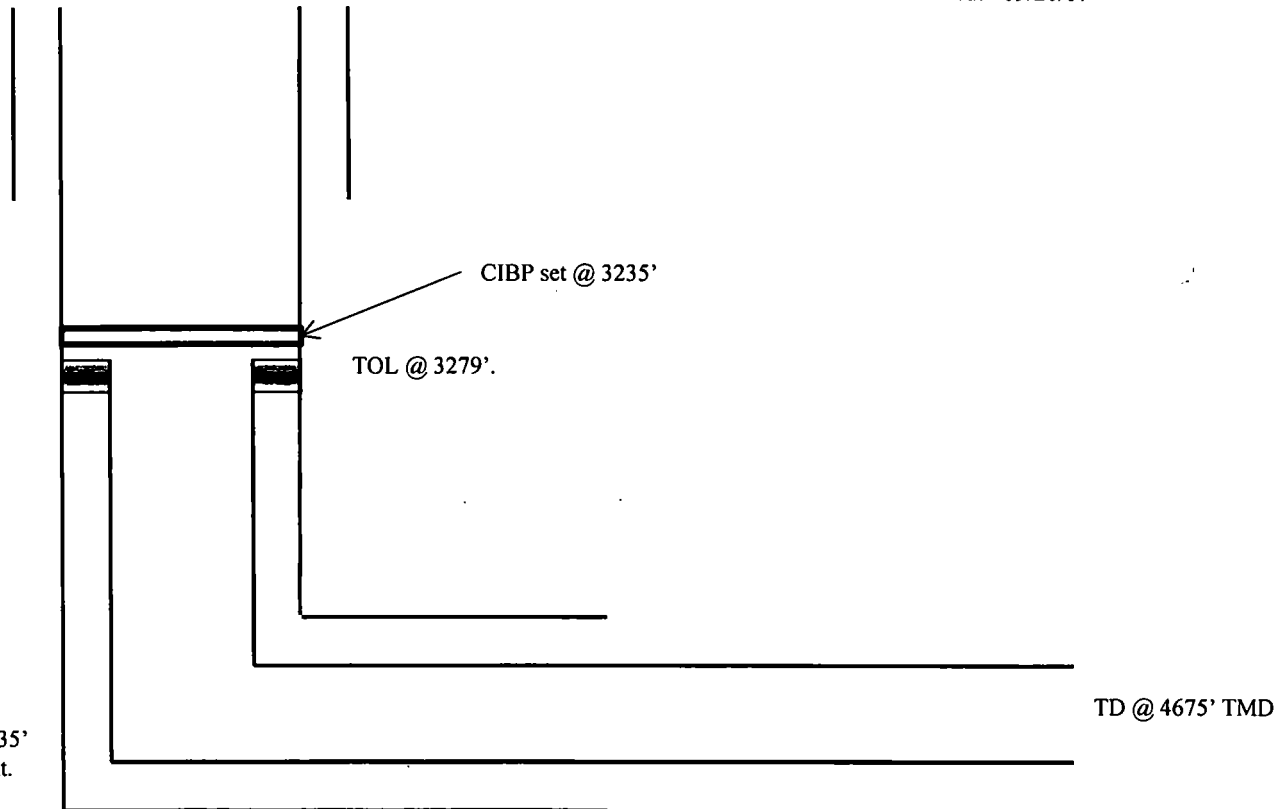
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Landed 88 jts 7", 23#, K-55, LT&C csg @ 4035'
TMD, 3753' TVD. Cemented with 725 sx cmt.

Landed 4-1/2" liner @ 4668' TMD, 3765' TVD, TOL @ 3279' as follows: liner hanger, 1 jt 4 1/2", 11.6#, K-55 non-perfed csg, 32 jts, 4 1/2", 11.6#, K-55 perfed csg & shoe on bottom. Liner perfs are from 3330' TMD to 4666' TMD. Total of 37,408 (0.50") holes.

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