

Foundation Energy Management, LLC

WELLBORE DIAGRAM

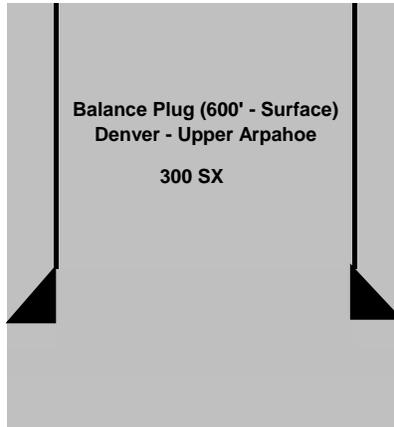
Well / Battery	Prospect Name	Total Depth	Current Status
Champlin 2-31	Paladin	7,860'	SI
Location	Sec-Twn-Rng	Producing Horizon	County & State
NW NE	31-2S-63W	JSND	Adams, CO

WELLBORE DIAGRAM

Prepared Date: 3/31/14
Prepared By: Lance Bentley

General Info

API #: 05-001-07664
 KB Elevation: 5,314'
 GL Elevation: 5,305'
 Spud Date: 11-05-1980
 Completion Date: 12-12-1980
 TVD: 7,860'
 MD: 7,860'
 Last PBTD: 7,798' (8/5/13)

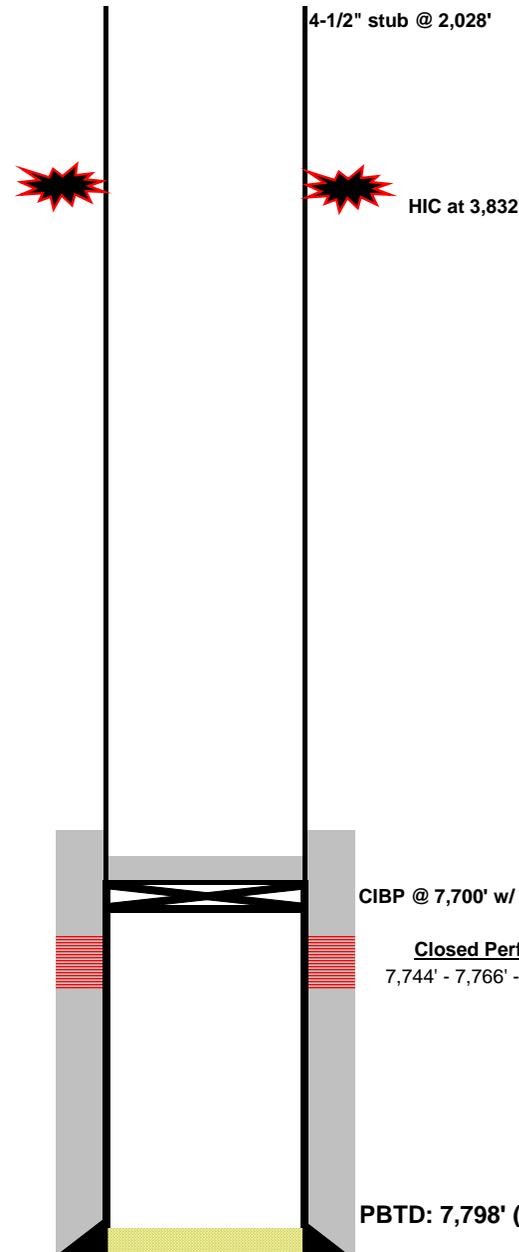
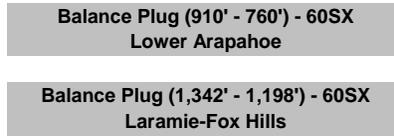


Surface Casing

8-5/8" inch (OD)
 24 # (weight)
 N-24 grade
 210' depth from KB
 Surface cement top Visual Returns
 150 sacks of cement
 12-1/4" inch (OD) HOLE SIZE

Tubing Detail

2-3/8" inch(OD)
 4.7 # (weight)
 J-55 grade



Production Casing

4-1/2" inch (OD)
 12 # (weight)
 J-55 grade
 7,858' depth from KB
 7,252' cement top Calculated
 200 sacks of cement
 7-7/8" inch (OD) HOLE SIZE

Pump Details:
 N/A

Pumping Unit Details:
 N/A

Well Notes:
 HIC at 3,832'

Aquifer Depths
 Denver (56' - 363')
 Upper Arapahoe (420' - 537')
 Lower Arapahoe (589' - 862')
 Laramie-Fox Hills (1,183' - 1,460')

50' coverage on either side of aquifer is required

Casing busted at 2,028'