

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'

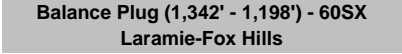
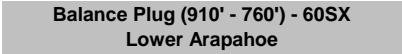
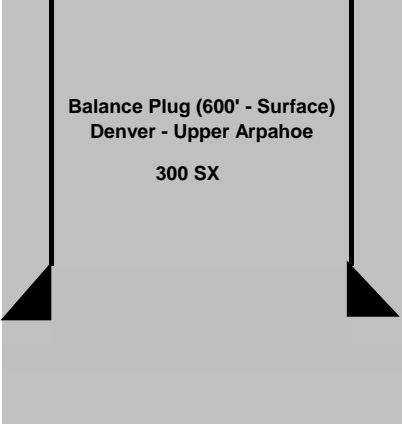
Last PBTD: 7,798' (8/5/13)

Tubing Detail

2-3/8" inch(OD)

4.7 # (weight)

J-55 grade



Surface Casing

8-5/8" inch (OD)

24 # (weight)

N-24 grade

210' depth from KB

Surface cement top

150 sacks of cement

12-1/4" inch (OD) HOLE SIZE

Visual Returns

Production Casing

4-1/2" inch (OD)

12 # (weight)

J-55 grade

7,858' depth from KB

7,252' cement top

200 sacks of cement

7-7/8" inch (OD) HOLE SIZE

Calculated

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'

