Foundation Energy Management, LLC

WELLBORE DIAGRAM

Well / Battery	Prospect Name		Total Depth	Current Status
Federal Macaw 33-1	DOC - Fund 4		7112	SI
Location	**Sec-Twn-Rng**		**Producing Horizon**	**County & State**
NENE	30-8N-60W		DSND	Weld, CO

WELLBORE DIAGRAM

Prepared Date: 12/12/18
Prepared By: Adam Johnson

General Info

API #: 05-123-19938

KB Elevation:
GL Elevation:

Spud Date:
Completion Date:

TVD:
MD:
Last PBTD:

Tubing Detail

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

Tubing Tally

	Length	Depth
220 jts	6864	6864
packer	5	6869

Surface Casing

8-5/8" inch (OD)
24 # (weight)
grade
529 depth from KB
Surface cement top — Visual Returns
200 sacks of cement
12.25 inch (OD) HOLE SIZE

Rods	Length	Depth
no rods		

Production Casing

4-1/2" inch (OD)
11.60 # (weight)
grade
depth from KB
6115 cement top — CBL
200 sacks of cement
7-7/8" inch (OD) HOLE SIZE

Packer @ 6,869'

Open Perforations

6,816' - 6,937'
DSND

Pump Details:

Pumping Unit Details:
N/A

Well Notes:

PBTD: