

# Foundation Energy Management, LLC

## WELLBORE DIAGRAM

Well / Battery <b>Sooner Unit 21-16-9</b>	Prospect Name DOC IV	Total Depth 6,400'	Current Status PR
Location SE SE	Sec-Twn-Rng 21-8N-58W	Producing Horizon DSND	County & State Weld, CO

### WELLBORE DIAGRAM

**Prepared Date:** 11/1/17  
**Prepared By:** Adam Johnson

**General Info**

API #: 05-123-18968  
 KB Elevation: 4,726'  
 GL Elevation: 4,716'  
 Spud Date: 07-13-1995  
 Completion Date: 07-17-1995  
 TVD: 6,400'  
 MD: 6,400'  
 Last PBTD: 6,360' (08-06-13)

**Tubing Detail**

2-7/8" inch(OD)  
 4.7 # (weight)  
 J-55 grade

Tubing Tally	Length	Depth
KB	10	10
200 jts - 2-7/8" tbg	6082	6092
TAC	6	6098
6 jts - 2-7/8" tbg	194	6292
SN	1	6293
4' perf sub	4	6297
Mud Anchor	35	6332

**Surface Casing**

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

Rod Design	length	depth
KB	10	10
10', 8' pup - 1"	18	28
31 - 1"	775	803
94 - 7/8"	2350	3153
113 - 3/4"	2825	5978
12 - 1-1/4"	300	6278
2.5" x 1.75" x 16'	16	6294

**Production Casing**

5-1/2" inch (OD)  
 15.5 # (weight)  
 J-55 grade  
 6,390' depth from KB  
 4,292' cement top **CBL**  
 300 sacks of cement  
 7-7/8" inch (OD) hole size

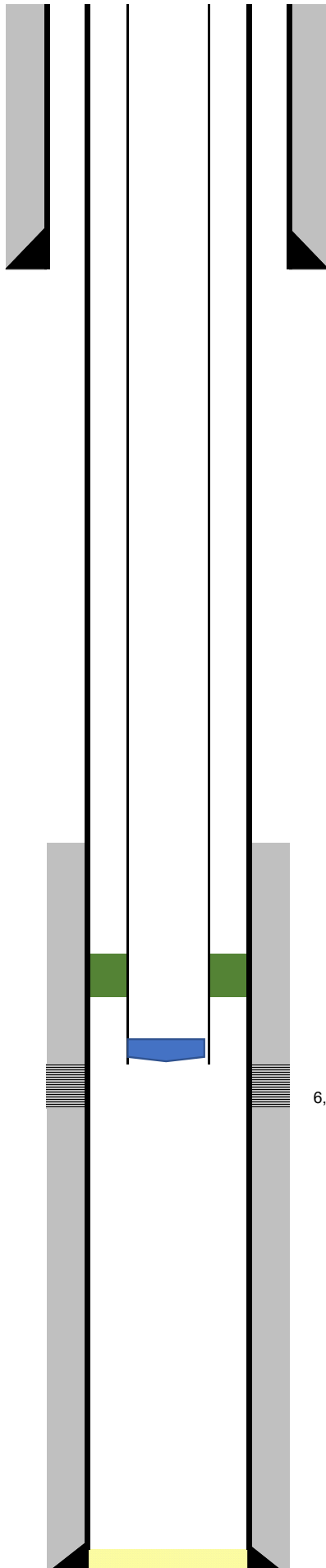
**Open Perforations**

6,272' - 6,298' 104 holes  
 DSND

Pump Details:

Pumping Unit Details:

Well Notes:



**PBTD: 6,360' (08-06-13)**