

# Foundation Energy Management, LLC

## WELLBORE DIAGRAM

Well / Battery	Prospect Name		Total Depth	Current Status
State 36-16	DOC III/IV		6,970'	IJ
Location	Sec-Twn-Rng		Producing Horizon	County & State
SESE	36-8N-60W		DSND	Weld, CO

### PROPOSED WELLBORE DIAGRAM AFTER CONVERTED TO INJECTOR

**Prepared Date:** 1/10/19

**Prepared By:** Adam Johnson

#### General Info

API #: 05-123-20908

KB Elevation: 4,946'

GL Elevation: 4936'

Spud Date: 6-11-2002

Completion Date: 10/15/2002

TVD: 6,970'

MD: 6,970'

Last PBTD: 6874' (8/25/18)

#### Tubing Detail

2-3/8" inch(OD)

4.7 # (weight)

J-55 grade

#### Tubing Tally

	Length	Depth
KB corrected	8	8
215 jts 2-3/8" tbg	6741	6749
Packer	5	6754
1 jt 2-3/8" tbg	30.8	6785
SN	1	6786

#### Formations Tops:

Formation	MD'	SS'
Laramie	0	4936
Sharron Springs	6027	-1091
Niobrara A	6095	-1159
Fort Hayes	6330	-1394
Codell	6380	-1444
X Bentonite	6708	-1772
Graneros	6762	-1826
Dakota D	6819	-1883
Mowry	6890	-1954
Dakota J	6905	-1969

Pierre Shale Top not visible on Gamma Ray log

#### Well Notes:

refrac'ed on 8/24/18

#### Surface Casing

8-5/8" inch (OD)

24 # (weight)

N-24 grade

436 depth from KB

Surface cement top

350 sacks of cement

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

Visual Returns

#### Rod Design

no rods

#### length

#### depth

#### Production Casing

4-1/2" inch (OD)

11.60 # (weight)

J-55 grade

6,969' depth from KB

5,930' cement top

200 sacks of cement

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

CBL

Packer @ 6,754'

#### Open Perforations

6,820' - 6,840'

DSND

48 holes - .375

PBTD: 6874' (8/25/18)

CASING AND CASING SHOE RAN DOWN TO 6,969' THEN CEMENTED IN

