

Foundation Energy Management, LLC
Drilling - Completion - Workover - Facilities
DISCUSSION

AFE No.: 0		AFE Amount DRILLING \$0	
AFE Type: PLUG AND ABANDON		COMPLETIONS	
AFE Category: CAPEX		Total (Gross):	
WI: 0%	NRI: 0%	AFE Date: 9/6/2016	Total (Net): \$0
Well / Battery ANDREWS #16-7	Prospect Name 0	Total Depth 6945	Est. Start Date 8/1/2016
Location SE SE	Sec-Twn-Rng 7-7N-59W	Producing Horizon D SAND	County & State Weld County, CO
AFE Description 0			

WELLBORE DIAGRAM

Revision Date: 08-25-2016
Revised By: Jose Soto

General Info

API #: 05-123-14881

KB Elevation: 4,932'
GL Elevation: 4,919'

Spud Date: 01-18-1991
Completion Date: 02-28-1991

TVD: 6,946'
MD: 6,946'
Last PBTD: 6,848' (07-10-2013)

Tubing Detail

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

Tubing Tally

	Length	Depth
212 jts 2-3/8" tbg	6602	6602
4-1/2" x 2-3/8" TAC	3	6605
6 jts 2-3/8" tbg	189	6794
SN	1	6795
1 - 4' perf sub	4	6799
1 jt 2-3/8" MA	24	6823

Surface Casing

8-5/8" inch (OD)
24 # (weight)
J-55 grade
394' depth from KB
Surface cement top Visual Returns
300 sacks of cement
12-1/4" inch (OD) HOLE SIZE

Rod Design

	length	depth
22' polished rod	22	22
1 - 2' x 7/8" sub	2	24
1 - 4' x 7/8" sub	4	28
94 - 7/8" rods	2350	2378
176 - 3/4" rods	4400	6778
16' pump	16	6794

TOC @ 6250' CBL

Pump Details:
2" x 1-1/2" x 16' RHBC

Pumping Unit Details:
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Well Notes:

TA: 6,604'
EOT: 6,823'
SN: 6,794'

D sand: 6774' - 6843'

Open Perforations

6,780' - 6,784' 16 holes
DSND
0.375"

Open Perforations

6,788' 4 holes
DSND
0.375"

Production Casing

4-1/2" inch (OD)
10.5 # (weight)
J-55 grade
6,945' depth from KB
6,250' cement top CBL
225 sacks of cement
7-7/8" inch (OD) HOLE SIZE

PBTD: 6,848' (07-10-213)