

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:	Total (Net): \$0
Well / Battery ROTH #11-7R	Prospect Name 0	Total Depth 6909	Est. Start Date
Location NESW	Sec-Twn-Rng 7-7N-59W	Producing Horizon D SAND	County & State Weld County, CO
AFE Description 0			

WELLBORE DIAGRAM BEFORE

Revision Date: 08-25-2016

Revised By: Jose Soto

General Info

API #: 05-123-14706

KB Elevation: 4906'

GL Elevation: 4896'

Spud Date: 08-28-1990

Completion Date: 10-19-1990

TVD: 6909'

MD: 6909'

Last PBDT: 6878' (Date not given in COGCC)

Tubing Detail

2-3/8" inch(OD)

4.7 # (weight)

J-55 grade

Tubing Tally

	Length	Depth
213 x 2-3/8"	6978	6978
Mud anchor		6978
Seating Nipple		6978
4' Perf Sub		6978
TAC		6978
6 x 2-3/8"		6978

Pump Details:

2" x 1-1/2" x 16' Single Valve - RWBC

Pumping Unit Details:

Well Notes:

Only an FDC w/ GR was run, this a a twin to Roth 11-7

Both wells reported similar density porosities.

Tubing lengths, M.A., and S.N. not given

Tubing depth was given in COGCC

(10-6-11) - 2" x 1-1/2" x 16' Single Valve CED Barrel - RWBC -

(8-10-12) - Hydro Test - HIT: #76 - Split jts: #56-78

(8-10-12) - 2" x 1-1/2" x 16' Single Valve - RWBC;

Cages: Pitted ;

(3-27-15) - hydrotested, blew 8 jts; picked up 8 joints

testing in 251.19 ft bad pipe 258.79 ; run rods change

out 25 rod boxes thought string

Surface Casing

8-5/8" inch (OD)

24 # (weight)

J-55 grade

378 depth from KB

Surface cement top

220 sacks of cement

12-1/4" inch (OD) HOLE Visual Returns

Rod Design

	length	depth
1.5" polished rod	20	20
3/4" sub	2	22
3/4" sub	2	24
3/4" sub	4	28
3/4" sub	8	36
270 x 3/4"	6750	6786

Packer Depth

6681'

D sand: 6774' - 6843'

Open Perforations

6762' - 6775' (0.38 - 52 Holes)

D-Sand

Production Casing

4-1/2" inch (OD)

10.5 # (weight)

J-55 grade

6920 depth from KB

5950 cement top CBL

235 sacks of cement

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

PBDT: no data

