

Foundation Energy Management, LLC				
WELLBORE DIAGRAM				
Well / Battery	Prospect Name		Total Depth	Current Status
Pace Connelly 5	Merit		5074	PR
Location	Sec-Twn-Rng		Producing Horizon	County & State
SESW	26-2N-68W		Sussex/Shannon	Weld, CO

Prepared Date: 04-10-2015

Prepared By: Dalton Reazin

General Info

API #: 05-123-09312

KB Elevation: 4957

GL Elevation: 4945

Spud Date: 12-1-1977

Completion Date: 1-9-1978

TVD: 5074

MD: 5074

Last PBSD: 5074

Original PBSD: 5074

Tubing Detail

2-3/8" inch(OD)

4.7 # (weight)

J-55 grade

Tubing Tally

	Length	Depth
151 jts 2-3/8" tbg	4780	4780
4-1/2" x 2-3/8" TAC	3	4783
6 jts 2-3/8" tbg	189	4972
SN	1	4973
1 jt 2-3/8" MA	25	4998

Pump Details:

1-1/4" x 16' THD

Pumping Unit Details:

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Well Notes:

Sussex stimulation:

296,000 # sand

1530 BO

956 BW

Shannon Stimulation:

296,000 # sand

1630 BO

956 BW

35 sx 100' plug to surface

60 sx plug 530' to 680'

Laramie/Fox Hill covered behind casing

Surface Casing

8-5/8" inch (OD)

24 # (weight)

N-24 grade

580 depth from KB

Surface cement top

400 sacks of cement

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

Visual Returns

Rod Design

	length	depth
polished rod	1	1
200 - 3/4" rods	5000	5001
1 - 2' x 3/4" sub	2	5003
16' pump	16	5019

Production Casing

4-1/2" inch (OD)

11.6 # (weight)

J-55 grade

5075 depth from KB

3975 cement top

300 sacks of cement

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

Calculated

Open Perforations

4,512' - 4,542' - 31 holes

Sussex

Open Perforations

4,942' - 4,964' - 22 holes

Shannon

Aquifer	Elevation (ft)		Net Sand	DEPTH (ft)	
	Bot	Top		Bot	Top
Upper Dawson	--	--	--	--	--
Lower Dawson	--	--	--	--	--
Denver	--	--	--	--	--
Upper Arapahoe	--	--	--	--	--
Lower Arapahoe	--	--	--	--	--
Laramie-Fox Hills	4609	4889	181.3	336	56