

LEASE & WELL

Federal #7 #5

Unit E

LOCATION

Sec. 27, T22S, R32E, Lea County, New Mexico
(Give Unit, Section, Township and Range)

2310/W & 990/W

OPERATOR

Pogo Producing

30-025-32797

DRILLING CONTRACTOR

NABORS DRILLING USA, INC.

The Undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

DEGREES @ DEPTH

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1/2 @ 386

3 1/2 @ 4536

1/2 @ 620

2 @ 4703

1/4 @ 1154

1 1/2 @ 4944

3/4 @ 1532

3/4 @ 5288

1/4 @ 1879

1/2 @ 5634

3/4 @ 2225

1 1/4 @ 5979

3/4 @ 2510

1 1/4 @ 6199

3/4 @ 2887

1 @ 6481

1 @ 3233

3/4 @ 6858

1 @ 3583

1 3/4 @ 7298

3 @ 3834

1 1/4 @ 7549

2 3/4 @ 3928

2 @ 7895

3 1/2 @ 4181

2 @ 8147

4 @ 4302

2 @ 8428

4 1/2 @ 4450

CONFIDENTIAL

Drilling Contractor

Nabors Drilling USA, Inc.

By



Brent Sanders

Subscribed and sworn to before me this

12th

day of

December 1996



Notary Public

My Commision Expires

MIDLAND

County

TEXAS

