

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-30853
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 305984
7. Lease Name or Unit Agreement Name Red Dog AKA State
8. Well Number #1
9. OGRID Number 370740
10. Pool name or Wildcat Upper Pen.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
Foundation Energy Management, LLC

3. Address of Operator
5057 Keller Springs Rd Suite 650, Addison, TX 75001

4. Well Location
Unit Letter **J** : **1650** feet from the **South** line and **1980** feet from the **East** line
Section **2** Township **14S** Range **33E** NMPM County **LEA**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4202 GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT RE

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING/CEMENT JOB ☐

INT TO PA **pm**
P&A NR
P&A R

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Pressure Test tubing to 500#. Pump 400' cement plug from 9800' -9400 class H cement. Allow Cement to set up Pressure test tubing again to 500#. Free point tubing and cut off tubing above Free point (~9390'). Pull up 1 jt of tubing. Pump 25 SX Class H cement on top of fish. TOH with tubing. Load casing with 220 bbl of 9.5 lb mud. Perforate and sqz 30 sx plug at 6600'. Pump 100' plug inside casing from 50' below intermediate casing shoe (4250'-4150'). Perf and sqz 30 sx plug at base of salt section (~2875'). Perf and sqz 30 sx plug at top of salt section (~1795'). Perf and circulate cement from **50' 25'** below surface shoe (**4100'**) to surface. Confirm csg full inside and outside. Dig out wellhead, cut off wellhead, verify cement to surface on all strings, Add above ground marker with proper ID information.

Note: All Balanced or Sqz plugs will wait on cement and tag

NMOCD will be notified 24 hours prior to beginning plugging operations

Spud Date:

Rig Release Date:

NOTIFY OCD 24 HOURS PRIOR TO
BEGINNING PLUGGING OPERATIONS

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE HOMER MADDEN TITLE Operations Superintendent DATE 5-23-18

Type or print name Homer Madden E-mail address: hmadden@foundationenergy.com PHONE: 918-526-5580

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engr. Specialist DATE 05/29/2018

Conditions of Approval (if any):

C103 INTENT TO P&A EXPIRES
1 YEAR FROM DATE OF APPROVAL

Foundation Energy Management, LLC

WELLBORE DIAGRAM

Well / Battery Red Dog AKA State #1	API NUMBER 30-025-30853	Total Depth 10100	Current Status SI
Location Unit J 1650' FSL & 1980' FEL	Sec-Twn-Rng 2-14S-33E	Producing Horizon Upper Pen	County & State LEA, NM

WELLBORE DIAGRAM

Prepared Date: Madden

Prepared By: 5-23-18

General Info

API #: 30-025-30853

KB Elevation:

GL Elevation: 4,191'

Spud Date: 5/11/1990

Completion Date: 12/3/1991

TVD: 10100

Last PBTD: 9800

Tubing Tally

2 7/8 L-80
TAC

Length

Depth

9800
9416

Surface Casing

13-3/8 inch (OD)
48 # (weight)
grade
360 depth from KB
surface cement top Visual Returns
380 sacks of cement
17.5 inch hole

Intermediate Casing

8-5/8 inch (OD)
32, 24, 32 # (weight)
LTC, STC, LTC grade
4200 depth from KB
surface cement top CBL
1700 sacks of cement
11 inch hole

CSG SQZ @ 6366'

TOC at ~3800' calculated

375 sxs super C cement

100 sxs class H

Production Casing

5-1/2 inch (OD)
20, 17, 20 # (weight)
LTC grade
10077 depth from KB
7410 cement top CBL
648 sacks of cement
7-7/8 inch hole

TOC 7410

Well notes:

Casing sqz at 6366' in 1995. TOC estimate at 3800' from that squeeze job

Couldnt pull TAC past 8270 during last WO to TA the well.

PBTD 9800

Fish 9930

STUCK
SUB
PUMP

PERFS:
BOUGH A, B, C, D, E

9754-84
9806-9828
8974-88
9916-23
9947-49
10009-12

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Perf & Circ 400' , 100 sxs

PERF & CIRC 30 SX 1795
TOP OF SALT SECTION
PERF & CIRC 30 SX 2875
BASE OF SALT SECTION

CSG SQZ @ 6366'
TOC at ~3800'
375 sxs super C cement
100 sxs class H

Perf and sqz 30 sx @6600

100 SX in/out
400' to surface

30 SX 1795

30 SX 2875

100' plug inside csg
4150-4250

30 sxs sqz 6600'

TOC 7410

~9350 - 25sxs

Fish ~9400'

400' plug

PBTD 9800

Fish 9930

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SUB
PUMP

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CBL

calculated

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