

Submit 1 Copy To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
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.	<b>30-025-41863</b>
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name:	<b>Perla Verde 31 State</b>
8. Well Number	<b>004H</b>
9. OGRID Number	<b>005380</b>
10. Pool name or Wildcat	<b>WX-025, G-08, 5203506D; Bone Spring</b>

**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  
**XTO Energy, Inc.**

3. Address of Operator  
**500 W. Illinois, Ste 100, Midland TX 79701**

4. Well Location

Unit Letter **P** : **170** feet from the **South** line and **700** feet from the **East** line  
Section **31** Township **19-S** Range **35-E** NMPM County **Lea**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**3699 GR**

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 REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☒ P AND A ☐  
CASING/CEMENT JOB ☒  
OTHER: **Spud Well** ☒

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.

**2/17/15: Run CBL, TOC @ 1040'**

**2/21-2/27/15: Pressured up on well trying to open toe @ 9500# psi-toe would not open, RIH, tagged cmt @ 15333 ft, Co down to 16015, set packer @ 9000 - RIH to 15489ft to 1st sleeve - couldnt open sleeve - skipped stage. PUH to next sleeve. Frac well from 11276' - 15583'. finished frac, RD frac equip.**

**2/28/-3/10/15: MIRU flowback eq- flowback**

**3/11-3/12/15: set 5 1/2 versa PKR @ 10400- RIH with on/off tool**

**3/13/2015: install flow line and build WH-Well on production**

Spud Date: **01/12/2015**

Rig Release Date: **02/11/2015**

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

SIGNATURE Tessa Fitzhugh TITLE Reg Analyst DATE 4-2-2015  
Type or print name Tessa Fitzhugh E-mail address: tessa-fitzhugh@enr.com PHONE 432-620-4336

For State Use Only

APPROVED BY [Signature] TITLE Petroleum Engineer DATE 04/15/15  
Conditions of Approval (if any):

APR 16 2015

# PERLA VERDE 31 STATE 4H

## WELLBORE DIAGRAM

### PERLA VERDE 31 STATE #4H

170' FSL & 700' FEL  
SEC 31, T19S, R35E  
LEA CO, NM  
API# 30-025-41863

ELEV: GL: 3699'  
KB: 3724'  
AGL: 25'

20" CONDUCTOR K-55 @ 105'.  
CMT'D W/ 217SX, REDI-MIX, CIRC.  
CALC.  
30" HOLE

13-3/8" 54,50#, J-55 CSG SET @ 1839'.  
CMT'D W/1660 SX. CIRC 213, CALC.  
17-1/2" HOLE

9-5/8", 40#, J-55 TBG SET @ 3939'.  
CMT'D W/1125 SX. CIRC 384SX, CALC.  
12-1/4" HOLE.

**03/13/16 TUBING/PKR DETAIL:**  
318 JTS 2-7/8", 6.5# TBG, 5-1/2" ON-OFF  
TOOL, 5-1/2" ARROWSET 1X PKR, 2 JTS  
2-7/8", 6.50, L-80 TBG SUB, 2-7/8" XN  
NIPPLE. PKR @ 10,434'. LANDED @  
10,452'.

Sleeve	Depth	Sleeve	Depth
1-Toe	15,583	23	13,335
2	15,489	24	13,232
3	15,385	25	13,128
4	15,282	26	13,024
5	15,178	27	12,921
6	15,075	28	12,817
7	14,975	29	12,717
8	14,871	30	12,613
9	14,773	31	12,510
10	14,674	32	12,409
11	14,571	33	12,305
12	14,467	34	12,201
13	14,364	35	12,098
14	14,260	36	11,994
15	14,156	37	11,891
16	14,055	38	11,791
17	13,951	39	11,687
18	13,848	40	11,583
19	13,744	41	11,483
20	13,641	42	11,379
21	13,537	43	11,276
22	13,439		

MKR JT: 10,515'

KOP @ 10,516'

LP: 11,400'

5 1/2" 17#, HCP-110 CSG SET @15,722' (TVD =10,950')  
CMT'D LEAD W/ 945 SX LIGHT 11#, TAIL 1350 SX 13.2#. TOC=1040' CBL.  
8-3/4" HOLE.

TVD: 10950'  
TD: 15722'  
PBD: 15631'  
TOE =15583'

FS @15722  
FC @15630  
LC @15631  
TOE @15583

## DATA

**LOCATION:** 170' FSL & 700' FEL SEC 31, T19S, R35E

**COUNTY/STATE:** LOVING, TX

**FIELD:** LONE BONE SPRING

**FORMATION:** THIRD BONE SPRING

**SPUD DATE:** 1/12/15 **COMPLETION DATE:**

**API#:** 30-025-41863

**STATUS:** FLOWING

**IPP:**

## WELL HISTORY

### COMPLETION DATA:

**01/12/15:** SPUD. AFE# 1403786. XTO ID# 21767. CEMENT PLUG NEVER BUMPED. OVER DISPALCE BY 4 BBLs. RIG RELEASED 2/11/15.

**02/17/15:** RAN CBL W/ NO PRESS. TOC 1040'. PRESS UP TO 9000 PSI. TOE DID NOT OPEN. RU COIL AND TAG TOP OF PLUG AT 15,321'. CO CMT FR/ 15,321'-15,615'. PRESS UP TO 8000 PSI & OPEN TOE SLEEVE (15,583').

**02/22/15:** FRAC: FRAC EACH OF THE 3<sup>RD</sup> BONE SPRINGS FORMATION STGS (42 TOTAL) FR/15,583'-11,276' DWN 5 1/2" X 2" CSG ANNULUS' AT 42 BPM W/64,000 GALS 18# XL GELLED FLUID CARRYING 100,000# (2.4 40/70, 25.6 SANTROL SLC & 72 NW 20/40) SAND (4.2 MLBS TOTAL).

**03/01/15:** SICP= 3025 PSI. START FLOWBACK UP CSG.

**03/11/15:** END FLOWBACK @ 6 AM. WIRELINE SET PKR @ 10,400'. RAN 2-7/8" TBG & CIRC PKR FLUID. PWOP.