

Submit 3 Copies To Appropriate District
Office
District I
1625 N French Dr, Hobbs, NM 87401
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

APR 22 2009

Form C-103
June 19, 2008

Rm

RECEIVED

APR 17 2009

HOBSOCD

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

WELL API NO 30-015-29434
5. Indicate Type of Lease <i>Federal</i> STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No
7. Lease Name or Unit Agreement Name: Nash Unit
8. Well Number 29
9. OGRID Number 005380
10. Pool name or Wildcat Nash Draw; Delaware/BS (Avalon Sand)

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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other
2. Name of Operator XTO Energy, Inc.
3. Address of Operator 200 N. Lorraine, Ste. 800 Midland, TX 79701
4. Well Location Unit Letter <u>J</u> <u>1980'</u> feet from the <u>South</u> line and <u>2310'</u> feet from the <u>East</u> line Section <u>13</u> Township <u>23S</u> Range <u>29E</u> NMPM County <u>Eddy</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc)

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 ☐

OTHER. Convert to SWD Well / AO - SWD-1157 ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER. ☐

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 1103. For Multiple Completions. Attach wellbore diagram of proposed completion or recompletion

Isolate currently producing Brushy Canyon perfs & Convert well to SWD in Bell Canyon interval from 3192'-3786' to allow for disposal of produced water from four planned 6000' laterals for 2009.

Procedure Cont'd. on Next Page.

**Notify OCD 24 hrs. prior to
Any work done.**

*-INITIAL MIT TEST must BE
WITNESSED BY OCD.*

Spud Date:

Rig Release Date

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

SIGNATURE Kristy Ward TITLE Regulatory Analyst DATE 04/09/09
Type or print name Kristy Ward E-mail address Regulatory Analyst PHONE 432-620-6740

For State Use Only

APPROVED BY Rebecca Innes TITLE Compliance Officer DATE 6/1/09

Conditions of Approval (if any):

OCD

**NASH UNIT # 29 SWD
EDDY COUNTY, NEW MEXICO
MARCH 16, 2009**

ELEVATION: PBSD - 7250' KB - 3005'
 TD - 7210' GL - 2991'

WELL DATA:

Surface Casing: 13-3/8", 48 ppf. Set at 309'. Cemented with 425 sx.
Circulated.

Inter. Casing: 8-5/8", 32 ppf. Set at 3000'. Cemented with
900 sx. Circulated.

Prod. Csg: 5-1/2", 17 ppf J-55 Csg. Set at 7250'.
Cemented with 1245 sx in three stages, DV tools @ 4496' &
6076'
Circulated 1" & 2nd stages, TOC @ 2060' CBL

PERFORATIONS: Brushy Canyon (Delaware): 5433-6870' (38', 38 total holes)
Last test : 3 bopd, 58 bwpd, 12 mcfpd (Jan 2009)

OBJECTIVE: Isolate currently producing Brushy Canyon perms & convert well to
SWD in Bell Canyon interval from 3192-3786 to allow for disposal
of produced water from 4 planned 6000' laterals for 2009.

RECOMMENDED PROCEDURE

1. MIRU PU. POH w/ rods & pump. LD rods & pump. ND WH. NU BOP. POH & LD
production tbg.
2. PU 2 7/8" WS. TIH with WS & bit to below 4200'. TOH w/ WS & bit.
3. RU Key WL. RIH w/ WL & set CIBP @ +/- 5400'. Correlate depth to Computalog Cement
Bond Log w/ Gamma Ray / CCL ran on May 15, 1997. POH w/ WL
4. RIH w/ WL & dump bailer. Dump 10 sx cmt on top of CIBP. POH w/ WL.
5. RIH w/ WL & set CIBP @ +/- 3900'. Correlate depth to Computalog Cement Bond Log w/
Gamma Ray / CCL ran on May 15, 1997. POH w/ WL.
6. RIH w/ WL & dump bailer. Dump 10 sx cmt on top of CIBP. POH w/ WL.

NASH UNIT # 29 SWD
EDDY COUNTY, NEW MEXICO
MARCH 16, 2009

7. RIH w/ WL & Perf Bell Canyon in the following intervals **3688'-92', 3698'-3712', 3726'-38', 3750'- 68', 3774'-86' (60', 60 total holes)**. Correlate depth to Computalog Cement Bond Log w/ Gamma Ray / CCL ran on May 15, 1997. POH w WL. RD Key WL.
8. RIH w/ 2 7/8" WS & packer. Set packer @ +/- 3600'.
9. RU Key Pressure Pumping Services. Acidize Bell Canyon perfs (3688'-3786') w/ 3500 gal 7.5% HCL & 100 RCNBS. Attempt to get 5 BPM but stay below max pressure of 5000 psi. Drop 100 RCNBS evenly throughout last %" of job. Flush with fresh water to bottom perf. After pumping SI well to obtain ISIP, 5 min, 10 min & 15 min SI pressures. RD Key Pressure Pumping Services.
10. Open well to blow down tank to flow off pressure if necessary.
11. TOH w/ WS & packer.
12. RU Key Pressure Pumping Services & Key WL.
1st Stage Frac (Lower Bell Canyon)
Frac Bell Canyon perfs (3688'-3786') w/ 10,000 gal treated FW, 30,000 gal AmBorMax 1017 X-link Gel FW carrying 50,000 # 16/30 sand with sand concentrations of 1-4 ppa. Attempt to get 60 BPM but stay below maximum treating pressure of 3000 psi. On flush begin with 2000 gal 7.5% NEFE HCL acid treated with WFR-3. Finish flush with treated freshwater. Flush to top perf is 3600 gal so should require 1600 gal of treated FW. SI well and obtain ISIP, 5 min, 10 min & 15 min SI pressures.
2nd Stage Perforating/Frac (Middle Bell Canyon)
RU Lubricator & RIH w/ WL & Set Composite Bridge Plug @ +/- 3650'. Perf Bell Canyon in the following intervals **3478'-86', 3492'-3500', 3512'-22', 3536'-50', 3554'-68' (54', 54 total holes)**. Correlate depth to Computalog Cement Bond Log w/ Gamma Ray / CCL ran on May 15, 1997. POH w WL. RD Lubricator & Key WL.
Frac Bell Canyon perfs (3478'-3568') w/ 10,000 gal treated FW, 30,000 gal AmBorMax 1017 X-link Gel FW carrying 50,000 # 16/30 sand with sand concentrations of 1-4 ppa. Attempt to get 60 BPM but stay below maximum treating pressure of 3000 psi. On flush begin with 2000 gal 7.5% NEFE HCL acid treated with WFR-3. Finish flush with treated freshwater. Flush to top perf is 3400 gal so should require 1400 gal of treated FW. SI well and obtain ISIP, 5 min, 10 min & 15 min SI pressures.

NASH UNIT # 29 SWD
EDDY COUNTY, NEW MEXICO
MARCH 16, 2009

3"d Stage Perforations /Frac (Upper Bell Canyon)

RU Lubricator & RIH w/ WL & Set Composite Bridge Plug @ +/- 3425'. Perf Bell Canyon in the following intervals **3192'-3202', 3244'-54', 3260'-70', 3292'-98', 3324'-34', 3346'-56', 3376'-86' (66', 66 total holes)**. Correlate depth to Computalog Cement Bond Log w/ Gamma Ray / CCL ran on May 15, 1997. POH w WL. RD Lubricator & Key WL.

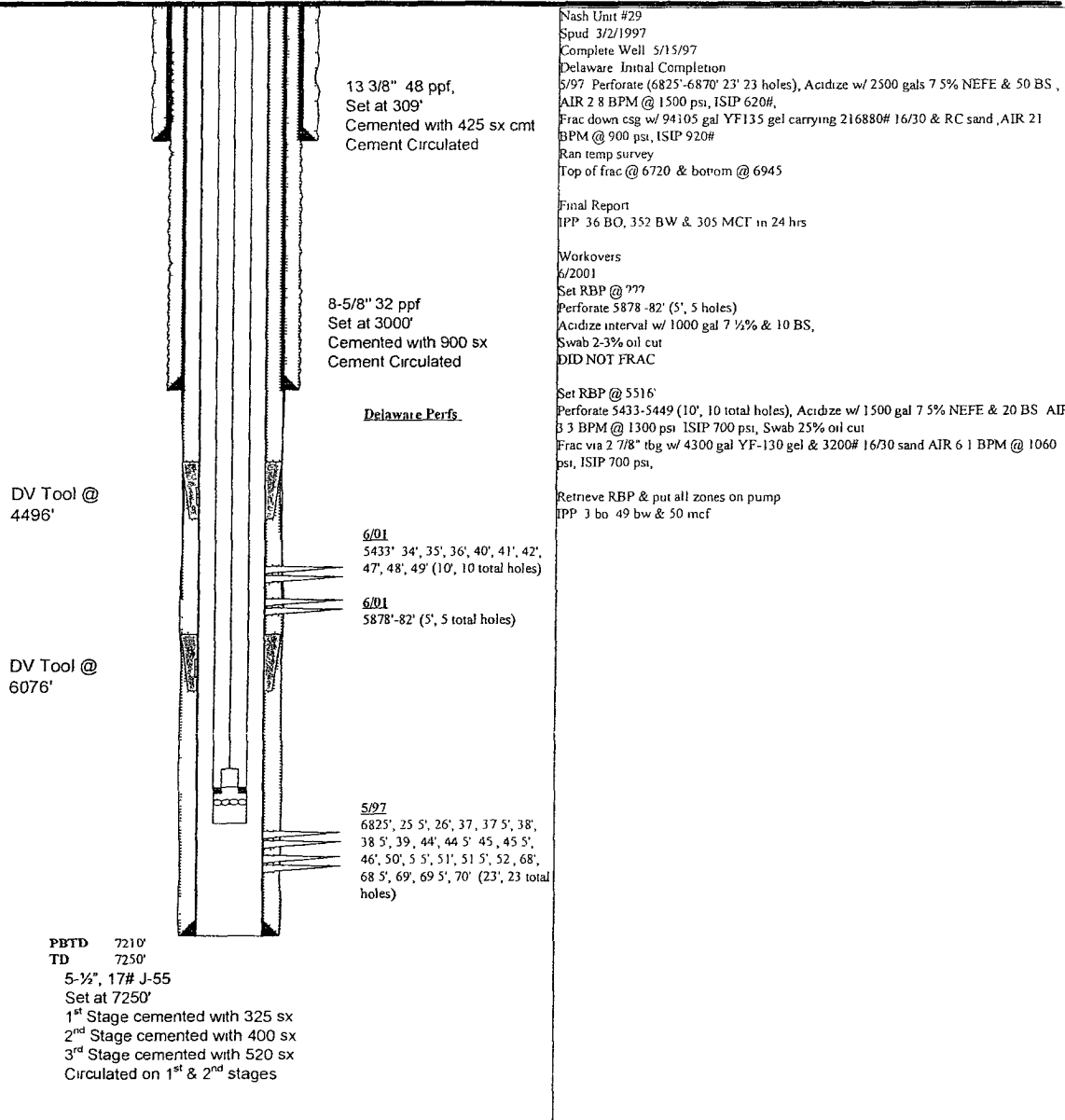
Frac Bell Canyon perfs (3192'-3386') w/ 10,000 gal treated FW, 30,000 gal AmBorMax 1017 X-link Gel FW carrying 50,000 # 16/30 sand with sand concentrations of 1-4 ppa. Attempt to get 60 BPM but stay below maximum treating pressure of 3000 psi. Flush to top perf is 3117 gal. Flush w/ 3075 gal treated FW. SI well and obtain ISIP, 5 min, 10 min & 15 min SI pressures. RD Key Pressure Pumping Services & Key WL.

13. RU foam unit. TIH w/ WS & bit to composite bridge plug @ +/- 3425'. Drill out composite bridge plug and continue in hole to 2' composite bridge plug @ +/- 3650. Drill out composite bridge plug. Continue in hole to CIBP to ensure that no sand is present from frac treatment. POH w/ WS & bit. Lay down WS. RD Foam Unit.
14. TIH w/ Loc-Set packer & 2 7/8" J-55 IPC tbg to +/- 3150'. Test tbg in hole to 5000 psi. Circulate packer fluid. Set packer @ +/- 3150'.
15. ND BOP. NU WH. Notify NM OCD of MIT. Perform MIT test.
16. RD PU. Convert well to Saltwater Disposal. Maximum allowable surface pressure is 638 psi.

XTO ENERGY - CURRENT

Well: Nash Unit #29
 Area: Carlsbad
 Location: Section 13, T23S, R29E
 County: Eddy
 Elevation: 2991 GL 3005 KB

WI: 86 593973%
 NRI: 66 807591%
 Spud: 3/2/1997
 State: New Mexico



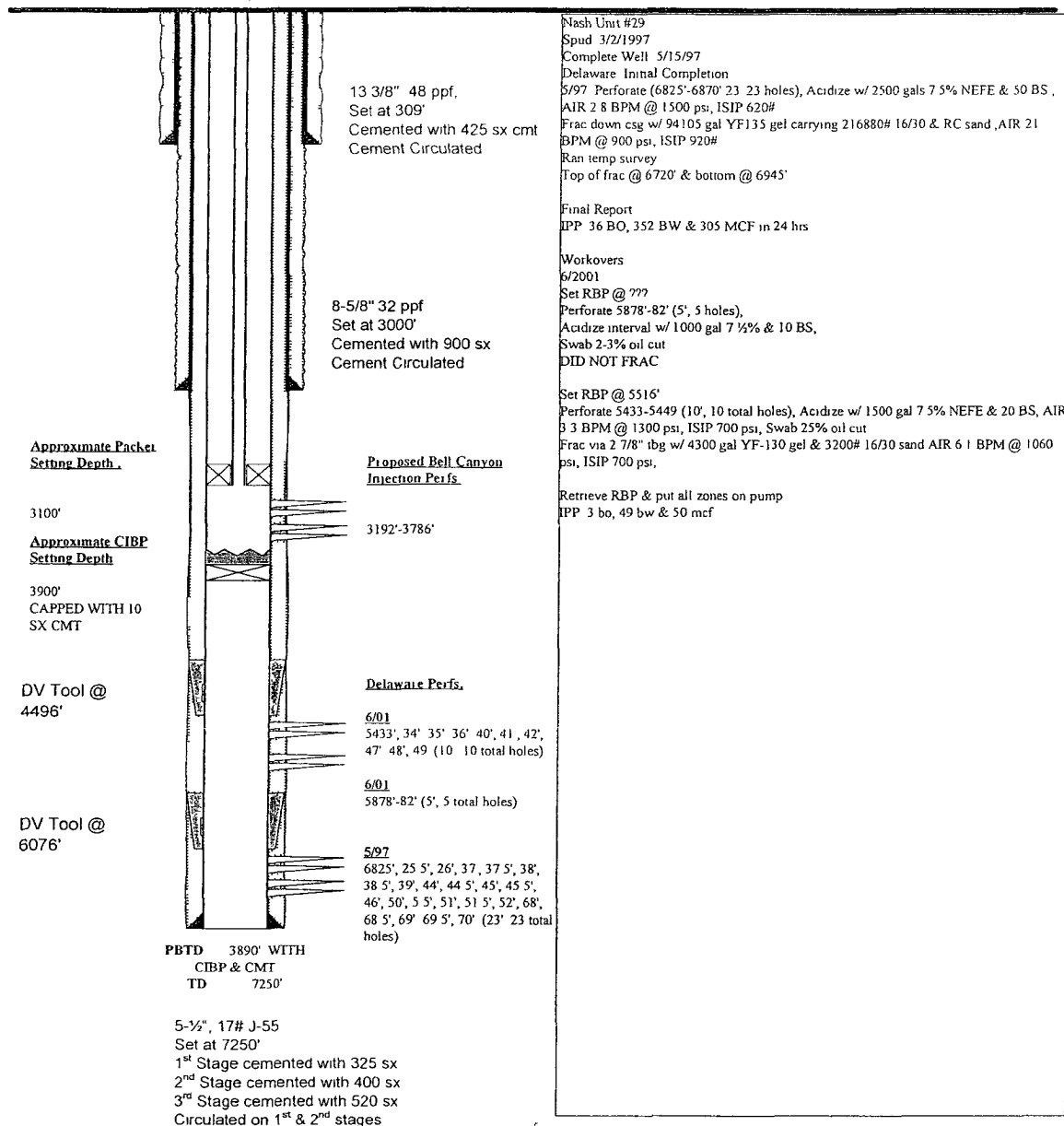
PREPARED BY: Richard Lauderdale

DATE: 10/20/08

XTO ENERGY - PROPOSED WITH CIBP REVISION

Well: Nash Unit #29
 Area: Carlsbad
 Location: Section 13, T23S, R29E
 County: Eddy
 Elevation: 2991 GL 3005 KB

WI: 86 593973%
 NRI: 66 807591%
 Spud: 3/2/1997
 State: New Mexico



PREPARED BY: Richard Lauderdale

DATE: 12/9/08