

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
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
June 19, 2008

RECEIVED

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

DEC 09 2010

HOBBSUCD

WELL API NO. 30-015-28422 ✓
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: Remuda Basin State ✓
8. Well Number 1930
9. OGRID Number 005380
10. Pool name or Wildcat Nash Draw; Bell Canyon
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3052' GL

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 type="checkbox"/> Gas Well <input type="checkbox"/> Other SWD
2. Name of Operator XTO Energy, Inc.
3. Address of Operator 200 N. Loraine, Ste. 800 Midland, TX 79701
4. Well Location Unit Letter F : 1980 feet from the North line and 1830 feet from the West line Section 19 25 Township 23S Range 30E NMPM County Eddy
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3052' 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 ☐

OTHER: Convert to SWD - Order # SWD-1238 ☒

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.

See Attached for Procedure

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 10/01/10
Type or print name Kristy Ward E-mail address: kristy_ward@xtoenergy.com PHONE 432-620-6740

For State Use Only

APPROVED BY RDade TITLE Dist JPSuperior DATE 01/11/2011
Conditions of Approval (if any):

X T O ENERGY
REMUDA BASIN STATE #1 SWD
EDDY COUNTY, NEW MEXICO

ELEVATION:	PBTD - 7345'	KB - 3075'
	TD - 7500'	GL - 3052'

WELL DATA:

Surface Casing: 11-3/4", 42 ppf. Set at 400'. Cemented with 400 sx.
Circulated.

Inter. Casing: 8-5/8", 32 ppf . Set at 3200'. Cemented with
900 sx. Circulated.

Prod. Csg: 5-1/2", 15.5 ppf & 17 ppf WC-75 & WC-50. Set at 7500'.
Cemented with 1650 sx in two stages, DV tool @ 5014'
Circulated 1st stage, TOC @ 3054' temp log

PERFORATIONS: Brushy Canyon (Delaware): 7010-7070' (45', 90 total holes)
Last test : 5 bopd, 79 bwpd, 65 mcfpd (April 2010)

OBJECTIVE: Isolate currently producing Brushy Canyon perfs & convert well to
SWD in Bell Canyon interval from 3336-4048 to allow for disposal
of produced water

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 7200'. TOH w/ WS & bit.
3. RU Halliburton WL. RIH with WL & set CIBP @ +/- 6950'. POH w/ WL
4. RIH w/ WL & dump bailer. Dump 35' cmt on top of CIBP. POH w/ WL.
5. Load hole with 2% KCL. RIH with WL & run CBL log to verify top of cement. Correlate to Schlumberger GR/CCL ran on March 7, 1996. POH w/ WL.
6. RIH w/ WL & set CIBP @ +/- 4125'. POH w/ WL.
7. RIH w/ WL & dump bailer. Dump 35' cmt on top of CIBP. POH w/ WL.
8. RU pump truck and test casing to 3000 psi. 5 1/2" 15.5# burst rating is 4810 psi. RD pump truck.

XTO ENERGY

REMUDA BASIN STATE #1 SWD EDDY COUNTY, NEW MEXICO

9. RIH w/ WL & Perf Bell Canyon in the following intervals
3922'-3932', 3960'-3982', 3999'-4048' (81', 81 total holes). POH w WL. RD WL.
10. RIH w/ 2 7/8" WS & packer. Set packer @ +/- 3850'.
11. RU Acid Company. Acidize Bell Canyon perfs (3922'-4048') 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 3/4" 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 Acid Company.
12. Open well to blow down tank to flow off pressure if necessary.
13. TOH w/ WS & packer.

RU Halliburton Pumping Services & Halliburton WL.

1" Stage Frac (Lower Bell Canyon)

Frac Bell Canyon perfs (3922'-4048') w/ 10,000 gal treated FW, 30,000 gal Delta Frac 140-R X-linked Gel 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. 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.

2"d Stage Perforating / Frac (Middle Bell Canyon)

RU Lubricator & RIH w/ WL & Set Composite Bridge Plug @ +/- 3900'.
Perf Bell Canyon in the following intervals **3660'-96', 3711'-3750', 3774'-3832, (133', 133 total holes).** POH w WL. RD Lubricator & WL.

Frac Bell Canyon perfs (3660'-3832') w/ 10,000 gal treated FW, 30,000 gal Delta Frac 140-R X-linked Gel 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. 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.

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

RU Lubricator & RIH w/ WL & Set Composite Bridge Plug @ +/- 3600'. Perf Bell Canyon in the following intervals **3336'-3360', 3380'-3392, 3398'-3438', 3458'- 3466', 3474'-3487', 3504'-3522', (115', 115 total holes).** POH w WL. RD Lubricator & WL.

XTO ENERGY

REMUDA BASIN STATE #1 SWD EDDY COUNTY, NEW MEXICO

Frac Bell Canyon perfs (3336'-3522') w/ 10,000 gal treated FW, 30,000 gal Delta Frac 140-R X-link Gel 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.

NOTE: Frac schedules are attached and **XTO needs to provide eight (8) frac tanks full of fresh water for frac treatment.** Light plants may also be necessary for this treatment.

14. RU foam unit. TIH w/ WS & bit to composite bridge plug @ +/- 3600'. Drill out composite bridge plug and continue in hole to 2nd composite bridge plug @ +/- 3900. 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.
15. TIH w/ Loc-Set packer & 2 7/8" J-55 IPC tbg to +/- 3275'. Test tbg in hole to 5000 psi. Circulate packer fluid. Set packer @ +/- 3275'.
16. ND BOP. NU WH. Notify NM OCD of MIT. Perform MIT test.
17. RD PU. NM OCD approval # 1238 stipulates a maximum surface injection pressure of 667 psi. Put well on disposal and report daily injection rates to Midland Engineering.