

Submit 3 Copies 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
May 27, 2004

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

WELL API NO. 30-025-08882
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No. 300649
7. Lease Name or Unit Agreement Name ARROWHEAD GRAYBURG UNIT
8. Well Number 195
9. OGRID Number 5380
10. Pool name or Wildcat ARROWHEAD; GRAYBURG

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
200 LORAIN STE 800 MIDLAND, TX 79701

4. Well Location
Unit Letter F : 2310 feet from the NORTH line and 1650 feet from the WEST line
Section 12 Township 22 S Range 36 E NMPM County LEA

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

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type Depth to Groundwater Distance from nearest fresh water well Distance from nearest surface water

Pit Liner Thickness: mil Below-Grade Tank: Volume bbls; Construction Material

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 ☐

OTHER: C/O, STIM

☒

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.

- 1) MIRU, POH W/RODS/PMP. TAG TD, TALLY OUT OF HOLE. CK FOR SCALE, REDBED, PROBLEMS W/TA. TIH W/DOWDCO 3 3/4" X 4 3/4" X 5 5/8" (BC 374) BI CENTER BIT, 6 - 3 1/2" DRL CLRS/TBG. DRL 4 3/4" HOLE TO 5 5/8" F/3740 - 3902'. CIRC CLN. POH
- 2) TIH, PKR @3575'. OH PKR @3750', OPEN BOTH PKRS. PRESS ANNLS TO 500 PSI TO TST CSG.
- 3) TRTMT: MAX RATE 5 BPM, MAX TRT PRESS 900 PSI - Polymer Gel will be 1 hr set, 4 hr brk time

- a. LOAD W/1000 GALS 1% KCL
- b. 1500 GALS PENTOL 200 (15% NEFE W/80% ACD/20% TOULENE)
- c. 1000 GALS 1% KCL WTR SPCR
- d. 2000 GALS CLN PLUG 8 POLYMER GEL
- e. 1200 GALS 1% KCL FLSH
- f. SI/1 HR
- g. 1000 GALS 1% KCL
- h. 1500 GALS PENTOL 200 (15% NEFE W/80% ACD/20% TOULENE)

- i. 1000 gals 1% KCL
- j. 1000 gals Clean Plug 8 (Polymer Gel)
- k. 1200 gals 1% KCL Flush
- l. SD 1 HR
- m. 2000 GALS PENTOL 200
- n. 1500 gals 1% KCL FLUSH
- o. SI/2 HRS

TOTAL JOB: 188 bbls - 1% KCL, 5000 gals Pentol 200 (15% NEFE mixed 80% acd/20% Toulene), 3000 gals Clean Plug 8

4) OPEN WELL TO PIT. FLW DWN TILL WELL DIES, SWB, DET OIL/GAS CUT. RIH W/PROD EQPT. RWTP

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE M. Lyn Marr TITLE REGULATORY ANALYST DATE 07/12/2006

Type or print name M. LYN MARR E-mail address: Lyn_Marr@xtoenergy.com Telephone No. 432-620-6714

For State Use Only

APPROVED BY: Gary W. Wink TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE JUL 14 2006
Conditions of Approval (if any):

WELL DATA SHEET

P/O

FIELD: Arrowhead

F

WELL NAME: AGU No. 195

[Orig. H.T. Mattern (NCT-E) #6]

FORMATION: Grayburg

LOC: 2310' FNL & 1650' FWL ✓
TOWNSHIP: 22-S
RANGE: 36-E

SEC: 12
COUNTY: Lea
STATE: NM

GL: 3480'
KB to GL: 6.5'
DF to GL: 5'

CURRENT STATUS: Producer
API NO: 30-025-08882
CHEVNO: FA-9934

10-3/4" OD, 51# Surf pipe
set @ 322' w/ 250 swx cmt.
Circ. cmt to Surface.

Tubing Detail: 11-02-92

KBTH: 11.50'
120 Jts J-55 Duoline tbq: 3708.13'
On-off tool: 2.10'
Guiberson G-6 pkr: 3.73'
Pump out plug w/ WL guide: 0.51'
Landed @: 3725.46'

Rod Detail:

5-1/2" OD, 14#, Grade B
csg @ 3669' w/ 400 sxs cmt.
TOC @ 2450' by TS

1959 PB, Frac, Sqz, DO

OPBTD @ 3739'

OTD @ 3765'

TD @ 3904'

Date Completed: 07/01/39

Initial Production: 787 BOPD / 248 MCFGPD

Initial Formation: Grayburg From: 3669' To: 3765'

Completion Data:

Set 5-1/2" csg at 3669'. OH completion ACDZ w/ 2000 gals 15%..

Workover History:

07-22-50 Install gas lift.

12-02-52 Install rod pump.

05-01-59 PB to 3739' w/ 28 gals hydromite. Frac'd 3669'-3739' w/ 15,000 gals oil & 1-3#'s spg. PB to 3680' w/ 32 gals hydromite. Set rtn & SQZ OH 3669'-3680' w/ 250 sxs cmt. DO cmt to 3739'.

04-01-93 Deepen from 3739' (Zn 2) to 3904' (Zn 5). Log CWS CNL-LDT-GR-CAL. ACDZ OH 3669'-3904' (AGU - Zn 5) w/ 150 gals 15%. Swb Rec 1 BO + 91 BW / 18 runs in 4.5 hrs.; SFL @ 1500', FER 20 BPH. Swb 3785'-3905' (Zn's 2- 5) Rec 24 BW / 4 runs in 1 hr. and SWB DOWN; SFL @ 800'.

SION swb 13 BF (30%-10% OC) in 3.5 hrs.; SFL @ 2800', FER 2 BPH.

Swb 3723'-3905' (Zn's 1-5) Rec 94 BF (3% OC) in 5 hrs.; FER 20+ BPH.

SION & Swb (Zn's 1-5) Rec not repr'd (3% OC) / 6 runs; FER not repr'd.

TIH w/ prod tbq & TO to production.

05-01-93 Test pump 48 BOPD + 71 MCFGPD + 275 BWPD.

09-16-96 Acdz OH w/5000 gals Resisol II.

01-20-98 Acdz OH w/5500 gals 90/10 Resisol II. TOTP.

05-07-99 Acdz OH w/2750 gals 15% Anti Sludge Acid

T/AGU

Additional Data:

T/Queen @ 3404'

T/Penrose @ 3510'

T/AGU @ 3636'

T/Grayburg Zone 1 @ 3709'

T/Grayburg Zone 2 @ 3751'

T/Grayburg Zone 3 @ 3808'

T/Grayburg Zone 4 @ 3843'

T/Grayburg Zone 5 @ 3890'

(est. T/Grayburg Zone 6 @ 3930')

Z1

Z2

Z3

Z4

Z5