

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103

June 19, 2008

## OIL CONSERVATION DIVISION

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

WELL API NO. 30-025-25092
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: H T Mattern NCT D
8. Well Number 15
9. OGRID Number 005380
10. Pool name or Wildcat TUBB
11. Elevation (Show whether DR, RKB, RT, GR, etc.)

**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 <input type="checkbox"/>	2. Name of Operator XTO Energy, Inc.
3. Address of Operator 200 N. Loraine, Ste. 800 Midland, TX 79701	4. Well Location Unit Letter <u>D</u> : <u>400'</u> feet from the <u>North</u> line and <u>860'</u> feet from the <u>West</u> line Section <u>7</u> Township <u>22S</u> Range <u>37E</u> NMPM County <u>Lea</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: ☐

## 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.

XTO Energy, Inc requests to Plug & Abandon H T Mattern NCT D #15 with the following intent:

- 1B** 1. Set cmt plug (25 sxs) from 6170' to 5970'. Wait on cmt & tag.  
 2. Perf csg at 1210'. *Lo spot 165x cmt @ 3000'*  
 3. Establish injection rate w/fresh water through perfs.  
 4. Set 5.5" *Perf* @ 1000' Sqze cmt plug (220 sx minimum) from 1000' through perfs to surface valve.  
 5. Wait on cmt & tag.  
 6. Set cmt plug (200 sxs) from 200' to surface.

The Oil Conservation Division Must be notified  
24 hours prior to the beginning of plugging operations.

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 Stephanie Rabadue TITLE Regulatory Analyst DATE 04/13/2012  
 Type or print name STEPHANIE RABADUE E-mail address: stephanie\_rabadue@xtoenergy.com PHONE 432-620-6714

## For State Use Only

APPROVED BY [Signature] TITLE STAFF MGR DATE 4-18-2012  
 Conditions of Approval (if any):

APR 18 2012



**H T Mattern NCT D #15**  
**P&A Procedure**  
**Lea County, New Mexico**  
**April 10, 2012**

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**ELEVATION:** GL – 3449' TD – 6710'  
KB – Unknown PBTD – 6693'

**WELL DATA:**

Current Status: TA'd.  
Last Well Test: 1994 – 1 BO / 20 BW / 19.0MCF

Surface Casing: 8-5/8" 24ppf, K-55 set at 1110' cemented with 500 sx.  
Cement circ to surface.

Prod. Casing: 5-1/2" 15.5ppf, K-55 set at 6710' cemented with 750 sx.  
TOC at 1780' by calc.

**COMPLETION:** CIBP at 6170'

Top	Bottom	Length	Type	Formation	SPF	Shots	Date	Comments
6516	6658	142	Perf	Grayburg	2	284	1975	
6210	6340	130	Perf	Grayburg	2	260	1975	

**OBJECTIVE:** Plug and Abandon

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**RECOMMENDED PROCEDURE**

*(Verify that anchors have been set and tested per NMOCD and OSHA guidelines)*  
***This is a PRIVATE well.***

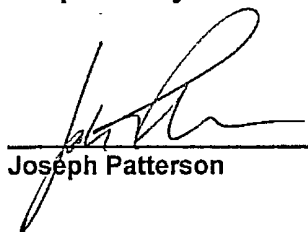
1. Notify OCD of intent to plug and abandon well.
2. MIRU PU. MI and rack 6300' of 2-3/8" 4.7ppf, N-80 work string. ND WH. NU BOP.
3. PU and RIH with 2-3/8" notched collar and 5-1/2" casing scraper on 2-3/8" N-80 WS to CIBP at 6170'. POOH and LD notched collar and scraper.
4. RIH with 2-3/8" notched collar on 2-3/8" WS to 6170'.



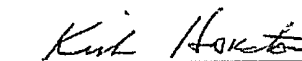
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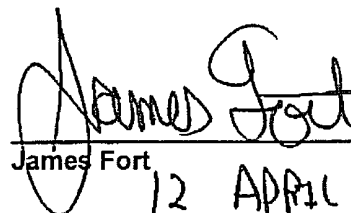
5. MIRU cement company. Circulate 5-1/2" production casing with **9ppg mud (min 150 bbls)**.
6. ~~ARU~~ cement truck. Spot balanced cement plug **(25 sx) from CIBP (6170') to 5970'**. PUH to 5000' and reverse circulate tbq clean with plug mud. WOC for 4 hours. RIH and tag cement at 5970'. POOH with 2-3/8" WS. ✓  
*LAB Spot 25sx onto 3000'*
7. RU wireline company. RIH with 3-1/8" casing gun loaded with premium charges with 2 SPF at 120° phasing to 1210'. **Perforate the casing at 1210'**. POOH and LD spent casing gun. RD wireline company.
8. RU pump truck. Establish an injection rate with fresh water through perforations, out 5-1/2" x 8-5/8" annulus.
9. RIH to 1000' with 5-1/2" ~~CICR~~ <sup>PKE</sup> on 2-3/8" WS. Set ~~CICR~~ <sup>PKE</sup> at 1000'. Squeeze cement plug **(220 sx minimum) from 1000', through perforations, out 5-1/2" x 8-5/8" annulus at surface valve**. Sting out of ~~CICR~~ <sup>PKE</sup> and PUH to 600' and reverse circulate tbq clean with plug mud. POOH and LD stinger. WOC for 4 hours.
10. RIH with 2-3/8" notched collar on 2-3/8" WS to 200'. Spot balanced cement plug **(25 sx) from 200' to Surface**. POOH and LD 2-3/8" WS and notched collar.
11. RDMO cement company. RDMO PU.
12. Cut off WH and anchors, install dry hole marker, re-seed and reclaim location.

Prepared by:

  
\_\_\_\_\_  
Joseph Patterson  
4/10/12  
Date

Approved by:

  
\_\_\_\_\_  
Kirk Houston  
4/10/12  
Date

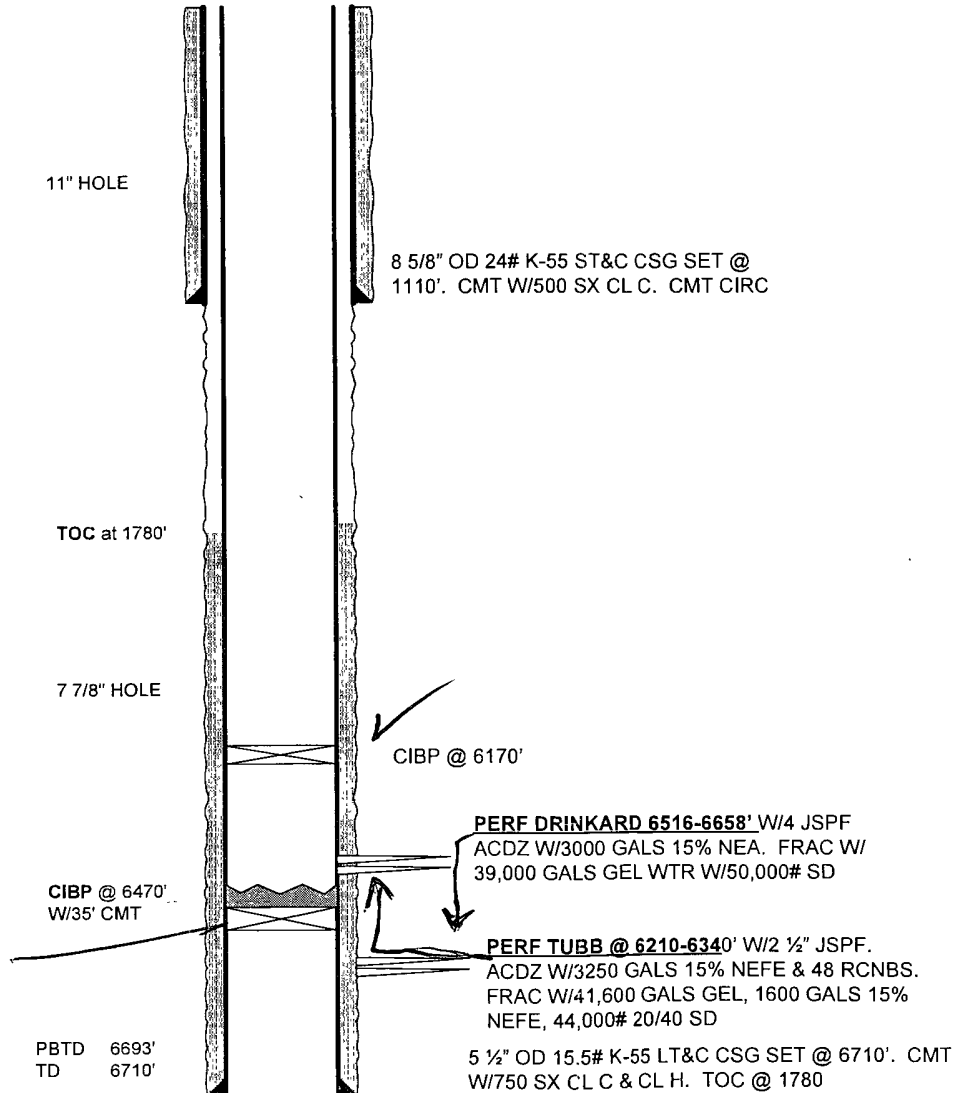
  
\_\_\_\_\_  
James Fort  
12 APRIL 2012  
Date

# H.T. MATTERN NCT D #15

## WELLBORE DIAGRAM



ELEV: 3449' GL



### DATA

**LOCATION:** 400' FNL & 860' FWL, UNIT D. SEC. 7, T-22-S, R-37E  
**COUNTY/STATE:** LEA COUNTY, NM  
**FIELD:** EUMONT  
**FORMATION:** TUBB  
**INITIAL IP:** 100 BOPD, 28 BWPD  
**API #:** 30-025-25092  
**CURRENT STATUS:** TA'D 10/24/97

### HISTORY

#### COMPLETION DATA:

**08/13/75:** SPUD 11" HOLE. RAN 8 5/8" OD 24# K-55 ST&C CSG SET @ 1110'. CMT W/500 SX CL C. CMT CIRC. CONT DRLG. DRL 7 7/8" HOLE. RAN 5 1/2" OD 15.5# K-55 LT&C CSG SET @ 6710'. CMT W/750 SX CL C & CL H. TOC @ 1780'.  
**08/16/75:** PERF DRINKARD 6516-6658' W/4 JSPF. ACDZ W/3000 GALS 15% NEA. FRAC W/39,000 GALS GEL WTR W/50,000# SD.  
**09/16/75:** P 100 BO, 28 BW 24/HRS.

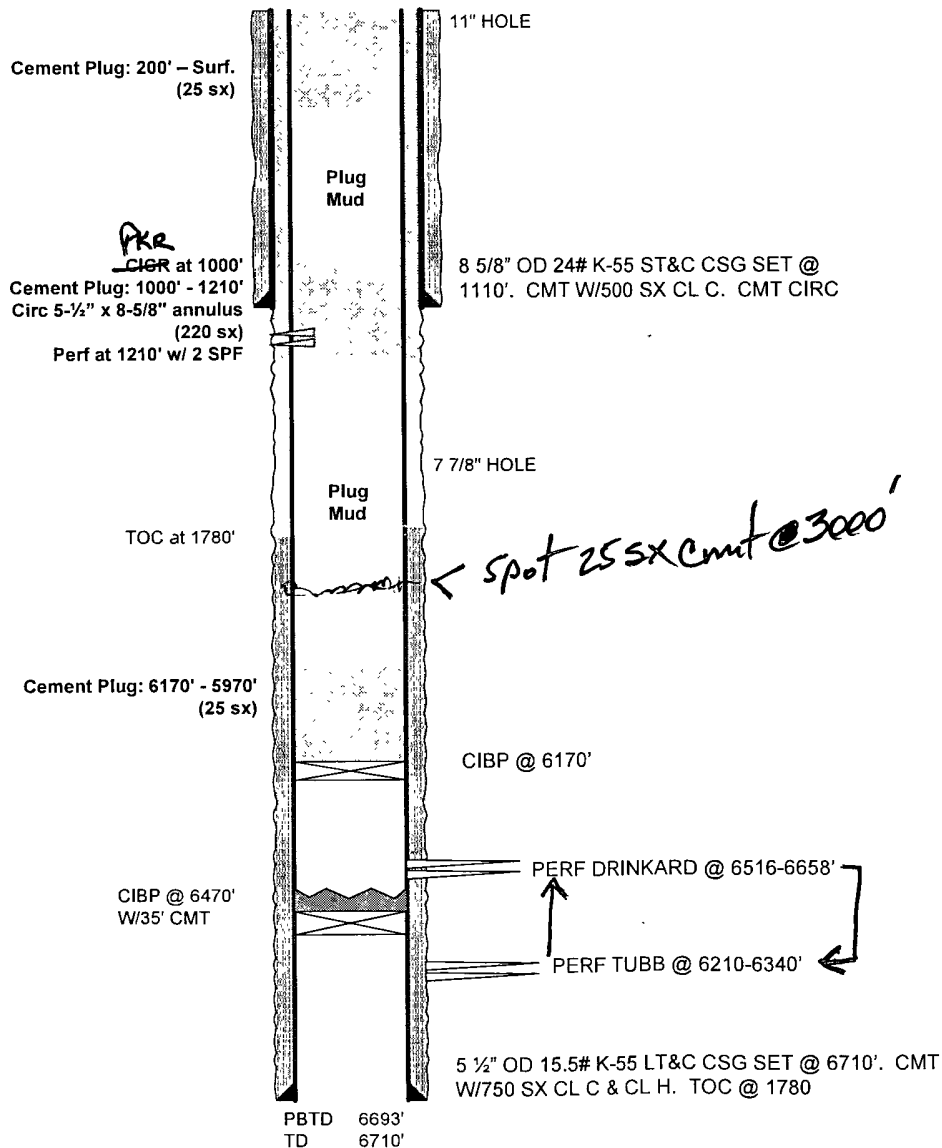
#### WORKOVER HISTORY:

**08/16/76:** ACDZ W/3000 GALS 15% NEFE HCL W/SCALE INHIB. BEFORE 53 BO. AFTER 251 BO.  
**09/25/78:** ACDZ W/500 GALS 15% NEFE W/SCALE INHIB.  
**11/09/82:** TA DRINKARD. SET CIBP @ 6430'. PERF TUBB @ 6210-6340' W/2 1/2" JSPF. ACDZ W/3250 GALS 15% NEFE & 48 RCNBS. FRAC W/41,600 GALS GEL, 1600 GALS 15% NEFE, 44,000# 20/40 SD. PMPD 20 BO, 160 BW, 89 MCF.  
**02/22/85:** RECEIVED APPROVAL TO DHC.  
**07/12/85:** PMP 1000 GALS 15% NEFE + 55 GALS GYPTRON T-130. DRILL OUT CIBP TO 6690'. ACDZ W/1000 GALS 15% NEFE & PMP 55 GALS GYPTRON T-130 DWN TBG.  
**10/24/97:** SET CIBP @ 6470' W/35 CMT ON TOP. SET CIBP @ 6170'. TAGGED @ 6170'. TA'D WELL.

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