

Submit 1 Copy To Appropriate District

Office

District I – (575) 393-6161

1625 N. French Dr., Hobbs, NM 88240

District II – (575) 748-1283

811 S. First St., Artesia, NM 88210

District III – (505) 334-6178

1000 Rio Brazos Rd., Aztec, NM 87410

District IV – (505) 476-3460

1220 S. St. Francis Dr., Santa Fe, NM

87505

State of New Mexico  
Energy, Minerals and Natural ResourcesForm C-103  
Revised July 18, 2013OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505WELL API NO.  
30-025-269635. Indicate Type of Lease  
STATE ☒ FEE ☐6. State Oil & Gas Lease No.  
19276

7. Lease Name or Unit Agreement Name

ARNOTT RAMSAY NCT-B

8. Well Number #011

9. OGRID Number  
32932610. Pool name or Wildcat  
[33820] JALMAT; TAN-YATES-7 RVRS

## 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

FAE II Operating LLC

3. Address of Operator

11757 Katy Freeway, Suite 1000, Houston, TX 77079

4. Well Location

Unit Letter L : 1650 feet from the SOUTH line and 990 feet from the WEST line  
Section 32 Township 25S Range 37E NMPM LEA County11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
2982'

## 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: ☐

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.

OBJECTIVE – Clean Out &amp; Acidize

PROPOSED PROCEDURE - MIRU. Release inj pkr. TOH w/ injection string &amp; pkr. TIH w/ bailer. Clean out to PBTD. Circulate hole clean. POOH w/ bailer. Acidize 3170-3284' w/ 3000 gals 15% NEFE HCL acid w/ bio balls. TIH w/ injection string: AS1X pkr, on/off tool, XO &amp; 99 jts 2-3/8" J-55 IPC tbg. Set pkr @ 3131'. RDMO. Return to injection.

WF Order No. R-21423

Spud Date:

11/3/2023

Rig Release Date:

11/9/2023

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

SIGNATURE  TITLE Sr Reservoir Engineer DATE 23 OCT 2023Type or print name Vanessa Neal E-mail address: vanessa@faenergyus.com PHONE: (832) 219-0990

For State Use Only

APPROVED BY:  TITLE Compliance Officer A DATE 11/8/23

Conditions of Approval (if any):

Well Name: **Arnott Ramsay NCT-B #011** Lease No: **19276** Lease Type: **State**  
 Township: **25-S** Range: **36-E** Sec: **32** Location: **1650' FSL & 990' FWL**  
 County: **Lea** State: **NM** API: **30-025-26963** Formation: **Jalmat (Oil); Tansill-Yates-Seven Rivers**

**CURRENT****Surface Csg**

Size: **8-5/8"**  
 Wt.&Thrd: **24#, STC**  
 Grade: **K-55**  
 Set @: **399'**  
 Sxs cmt: **275 sxs**  
 Circ: **30 sxs**  
 TOC: **Surface**  
 Hole Size: **12-1/4"**

KB: **2993'**  
 DF: **2992'**  
 GL: **2982'**  
 Spud Date: **11/21/1981**  
 Compl. Date: **12/14/1981**

Tubing Details	Depth
99 jts 2-3/8" J-55 IPC	3123'
2-3/8" x 1-1/2" XO	3124'
4" x 1-1/2" On/Off Tool	3125'
4" x 1-1/2" AS1X Packer	3131'
1-1/2" x 2-3/8" Sub	3131.5'
2-3/8" Pump Out Plug	3132'
EOT	3132'

**Production Csg**

Size: **5-1/2"**  
 Wt.&Thrd: **14#, STC**  
 Grade: **K-55**  
 Set @: **3473'**  
 Sxs Cmt: **1710 sxs**  
 Circ: **150 sxs**  
 TOC: **Surface**  
 Hole Size: **7-7/8"**

**Production Liner**

Size: **4" FJL**  
 Wt.&Thrd: **11.6#**  
 Grade:   
 Set @: **0-3430'**  
 Sxs Cmt: **135 sxs**  
 Circ:   
 TOC: **1050' (log)**  
 Hole Size: **4-3/4"**

PBTD 3440'  
 TD 3473'

**History - Highlights**

**12/8/81 - 12/30/81:** Perf from 3354' - 3364'. Acidize and frac'd, swabbed all water. Good gas show. Sqz'd w/ 150 sxs. DO cmt. Perf 3356' - 3360'. Swabbed only water. Sqz'd w/ 50 sxs cmt. PBTD 3334'.

**12/31/81 - 1/20/82:** Perf Jalmat 3270' - 3281' w/ 16 holes, acidize w/ 1200 gals 15% slick NEFE HCL, Frac w/ 10,500 gal foam, 12,000# 20/40 sand.

**8/16/99 - 9/9/99:** Installed 5-1/2" x 2-3/8" x 3" 3000# tubinghead. CO to 3347'. Added Jalmat perfs from 2743' - 3249' (25 holes). Acidize w/ 5400 gals and 44 ball sealers in 3 stages. Set CIBP at 3236'. Sqz'd w/ 260 sxs cmt. Added 4 perfs from 2757' - 2941'. Reacidized all perfs (2,743' - 3,050') w/ 4000 gals HCL acid and foam frac w/ 192,000 gals and 439,100# sand.

**7/5/2013: TA Well.** POOH w/ 2-3/8" tbg, set 5-1/2" CIBP @ 2675' and dump 40' cement on top of plug. Test to 600# for 30 min, held good.

**1/25 - 3/4/2021: Convert to injector:** Tag cement @ 2633'. Drill cmt to 2675' and CIBP @ 2675'. Pumped 150 sxs cmt. Tag cmt @ 2652', drill cmt 2652-2890'. Drill 3190-3290'. Wash clean to 3440'. Pumped 35 sxs cmt. Drill cmt 2666-3225'. Mill from 3210-3263'. Drill w/ foam 3263-3430'. Run 84 jts of 4" 9.11# FJ Casing, Set @ 3430'. Pumped 60 sxs tailed w/ 75 sxs mixed at 13.2 ppg. TOC @ 1050' (bond log). Perf 3170-3180', 3182-3190', 3194-3200', 3216-3226', 3265-3284' (4 SPF). Acidize perfs 3265-3284' w/ 2500 gals 15% HCL acid, 750# rock salt. Acidize perfs 3170-3226' w/ 2500 gals 15% HCL acid, 750# rock salt. TIH w/ 99 jts 2-3/8" L-80 IPC tbg, set tension pkr @ 3124'. Well ready to inject.

**YATES (Top @ 2740')**

2743', 2749', 2761', 2766', 2777', 2789', 2792', 2803', 2806', 2811', 2816', 2837', 2842', 2963', 2967', 2973', 2981', 2991', 3047', 3050', 3177', 3187', 3200', 3221', 3249' (1 SPF, 25 holes total) - Aug 1999 **[SQUEEZED Jan 2021]**

Acidize w/ 5400 gal 15% MCA acid + 44 ball sealers in 3 stages - Aug 1999

2757', 2814', 2879', 2971' (1 SPF) - September 1999 **[SQUEEZED Jan 2021]**

Re-acidized Jalmat perfs 2743' - 3050' w/ 4000 gals & CO2 Frac w/ 192,000 gal

**SEVEN RIVERS (Top @ 3005')**

3200', 3221', 3249' (1 SPF, 25 holes total) - Aug 1999 **[Squeezed 9/3/99]**

3270' - 3273', 3278' - 3281' (2 SPF) - Jan 1982 **[Squeezed 9/3/99]**

Acidize w/ 1200 gals & Frac w/ 10,500 gals + 12,000# 20/40 sand - Jan 1982

3170-3180', 3182-3190', 3194-3200', 3216-3226', 3265-3284' (4 SPF) - **March 2021**

Acidize perfs in two stages w/ 5000 gals total, 1500# rock salt

3354' - 3362' (2 SPF) - Dec 1981 **[Squeezed 12/1981]**

Acidize w/ 1000 gals & Frac w/ 10,500 gals + 16,000# 20/40 sand - Dec 1981

3356' - 3360' (2 SPF) - Dec 1981 **[Squeezed 12/1981]**

**QUEEN (Top @ 3398')****Tubulars - Capacities and Performance**

See Tubing Details above

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Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 278580

CONDITIONS

Operator: FAE II Operating LLC 11757 Katy Freeway, Suite 725 Houston, TX 77079	OGRID: 329326
	Action Number: 278580
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
kfortner	None	11/8/2023