

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 Resources

Form C-103
Revised July 18, 2013

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

WELL API NO. 30-025-48078
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 ARNOTT RAMSAY NCT-B
8. Well Number #015
9. OGRID Number 329326
10. Pool name or Wildcat [33820] JALMAT; TAN-YATES-7 RVRS (OIL)

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: INJECTION	
2. Name of Operator FAE II Operating LLC	
3. Address of Operator 11757 Katy Freeway, Suite 725, Houston, TX 77079	
4. Well Location Unit Letter <u>L</u> : <u>2525</u> feet from the <u>SOUTH</u> line and <u>1265</u> feet from the <u>WEST</u> line Section <u>32</u> Township <u>25S</u> Range <u>37E</u> NMPM LEA County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2983' GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: <input type="checkbox"/>

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.

Change of plans from C-103 submitted 3/21/2024 (Action ID: 325513)

OBJECTIVE – Clean Out, Acidize, set Isolation Packer

PROPOSED PROCEDURE - MIRU. Release inj pkr, POOH w/ tbg & pkr. RIH w/ bit and clean out to PBTD of 3407'. Circulate hole clean. Acidize 3316-3325' w/ 5000 gals 15% NEFE HCL acid w/ bio balls. RIH and install DL-1 Tandem Tension Packer in conjunction with AS1X packer to isolate perfs 3151-3289'. Top packer set at 3,132', bottom packer set at 3300'. RTI

WF Order No. R-21423

Spud Date:

EST: 4/10/2024

Rig Release Date:

EST: 4/15/2024

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

SIGNATURE Jessica LaMarro TITLE Geologist DATE 3/26/2024

Type or print name Jessica LaMarro E-mail address: jessica@faenergyus.com PHONE: (832) 706-0051
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
Conditions of Approval (if any): _____

Well Name: **Arnett Ramsay NCT-B #015** Lease No: **326919** Lease Type: **State**
 Township: **25-S** Range: **37-E** Sec: **32-L** Location: **2525' FSL & 1195' FWL**
 County: **Lea** State: **NM** API: **30-025-48078** Formation: **[33820] Jalmat; Tan-Yates-7R**

CURRENTSurface Csg

Size: **8-5/8"**
 Wt.&Thrd: **24#**
 Grade:
 Set @: **964'**
 Sxs cmt: **610 sxs**
 Circ: **186 sxs**
 TOC: **Surface**
 Hole Size: **12-1/4"**

KB: **2990'**DF: **2989'**GL: **2983'**Spud Date: **2/25/2021**Compl. Date: **4/24/2021**History - Highlights

2021-04: D&C Well. Perf 7 RVRS. Set composite plug to isolate Langlie Mattix.

2023-04: DO composite plug, begin injecting into LM & Jalmat.

YATES (Top @ 2708')SEVEN RIVERS (Top @ 2969')

AS1X Inj Pkr (20k tension) 3132'
 w/ 1.78" profile nipple

Production Csg

Size: **5-1/2"**
 Wt.&Thrd: **15.5#**
 Grade: **J-55**
 Set @: **3440'**
 Sxs Cmt: **620 sxs**
 Circ:
 TOC: **1564' (log)**
 Hole Size: **7-7/8"**

3151-3158', 3182-3193', 3212-3216', 3230-3245' (2 SPF) - Apr 2021

Acidize w/ 2500 gals 15% HCL acid w/ 150 ball sealers & flush w/ 55 bbls 2% KCL wtr

3285-3289', 3316-3325' (2 SPF) - Apr 2021

Acidize w/ 2500 gals 15% NEFE acid w/ 100 ball sealers

QUEEN (Top @ 3370')

PBTD 3407'
 TD 3450'

Tubulars - Capacities and Performance

2-3/8" 4.7# J-55 8rd EUE IPC Tubing (96 jts) @ 3132'

Well Name: **Arnett Ramsay NCT-B #015** Lease No: **326919** Lease Type: **State**
 Township: **25-S** Range: **37-E** Sec: **32-L** Location: **2525' FSL & 1195' FWL**
 County: **Lea** State: **NM** API: **30-025-48078** Formation: **[33820] Jalmat; Tan-Yates-7R**

Surface Csg

Size: **8-5/8"**
 Wt.&Thrd: **24#**
 Grade:
 Set @: **964'**
 Sxs cmt: **610 sxs**
 Circ: **186 sxs**
 TOC: **Surface**
 Hole Size: **12-1/4"**

KB: **2990'**
 DF: **2989'**
 GL: **2983'**
 Spud Date: **2/25/2021**
 Compl. Date: **4/24/2021**

History - Highlights

2021-04: D&C Well. Perf 7 RVRS. Set composite plug to isolate Langlie Mattix.

2023-04: DO composite plug, begin injecting into LM & Jalmat.

PROPOSED: MIRU. Release inj pkr, POOH w/ tbg & pkr. RIH w/ bit and clean out to PBTD of 3407'. Circulate hole clean. Acidize 3316-3325' w/ 5000 gals 15% NEFE HCL acid w/ bio balls. RIH and install DL-1 Tandem Tension Packer in conjunction with AS1X packer to isolate perfs 3151-3289'. Top packer set at 3,132', bottom packer set at 3300'. RTI

YATES (Top @ 2708')**SEVEN RIVERS (Top @ 2969')**

AS1X Inj Pkr (20k tension) 3132'
 w/ 1.78" profile nipple
 DL-1 Tandem Pkr 3300'

Production Csg

Size: **5-1/2"**
 Wt.&Thrd: **15.5#**
 Grade: **J-55**
 Set @: **3440'**
 Sxs Cmt: **620 sxs**
 Circ:
 TOC: **1564' (log)**
 Hole Size: **7-7/8"**

3151-3158', 3182-3193', 3212-3216', 3230-3245' (2 SPF) - Apr 2021
 Acidize w/ 2500 gals 15% HCL acid w/ 150 ball sealers & flush w/ 55 bbls 2% KCL wtr

3285-3289' (2 SPF) - Apr 2021
 Acidize w/ 2500 gals 15% NEFE acid w/ 100 ball sealers

3316-3325' (2 SPF) - Apr 2021
 Acidize 3285-3325' w/ 2500 gals 15% NEFE acid w/ 100 ball sealers

QUEEN (Top @ 3370')

PBTD 3407'
 TD 3450'

Tubulars - Capacities and Performance

2-3/8" 4.7# J-55 8rd EUE IPC Tubing (96 jts) @ 3132'

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
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 327022

CONDITIONS

Operator: FAE II Operating LLC 11757 Katy Freeway, Suite 725 Houston, TX 77079	OGRID: 329326
	Action Number: 327022
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	should changing tubing be required, the same tube shall be replaced as stipulated by the respective SWD order. The packer shall not be set more than 100 ft above the top perforation. The stimulation shall be confined to matrix acidization to clean near wellbore impurities. After setting the two packers- please integrate a "packer isolation pressure test for both packers in the required integrity test before commencing injection.	6/9/2024