

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

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.)		WELL API NO. 30-025-28279
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator FAE II Operating LLC		6. State Oil & Gas Lease No.
3. Address of Operator 11757 Katy Freeway, Suite 725, Houston, TX 77079		7. Lease Name or Unit Agreement Name STATE A A/C 2
4. Well Location Unit Letter <u>P</u> : <u>1295</u> feet from the <u>SOUTH</u> line and <u>1295</u> feet from the <u>EAST</u> line Section <u>08</u> Township <u>22S</u> Range <u>36E</u> NMPM LEA County		8. Well Number <u>#070</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3561' GL		9. OGRID Number 329326
		10. Pool name or Wildcat [79240] JALMAT; TAN-YATES-7 RVRs [24130] EUNICE; 7 RVRs-QUEEN, SOUTH

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: <u>CONVERT TO INJECTION</u> ☒		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.

PROPOSED PROCEDURE – Convert to injection

MIRU. POOH w/ rods, pump & tbg. RIH w/ CIBP. Set @ ~3610'. Set CICR @ ~3145'. Sqz YATES & 7 RVRs perfs 3159-3602'. WO cmt. Drill out CICR & cmt to top of CIBP. Circulate clean. Pressure test sqz perfs. If test fails, re-sqz perfs. If test good, drill out CIBP. Attempt to tag pkr @ 3719' to see if previously pulled. Pull pkr if tagged, otherwise clean out to PBTD @ 3895'. Perf 3730-3738' (2 SPF). Acidize 3730-3889' w/ 5000 gals 15% NEFE HCL acid, 1500# rock salt & flush w/ 50 bbls 2% KCL water. TIH w/ injection string: ~114 jts 2-3/8" L-80 IPC tbg, set tension pkr @ ~3694'. RDMO. Start injection.

Condition of Approval: notify
 OCD Hobbs office 24 hours
 prior of running MIT Test & Chart

INJECTION ORDER# R-22349

Spud Date:

01/20/2023

Rig Release Date:

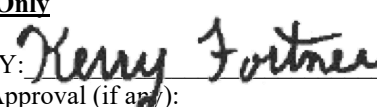
01/31/2023

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 22 DEC 2022

Type 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 2/1/23

Conditions of Approval (if any):

Well Name: STATE A A/C 2 #070 API: 30-025-28279 Lease Type: STATE
 Location: 1295' FSL & 1295' FEL T-R-Sec-Spot-Lot: 22S-36E-08-P Lease No: _____
 Formation(s): [24130] Eunice; 7 RVRs-QUEEN, South County/State: Lea, NM

Surface Csg

Size: 8-5/8"
 Wt.&Thrd: 24#
 Grade: J-55 STC
 Set @: 573'
 Sxs cmt: 375 sxs
 Circ: 60 sxs
 TOC: Surface
 Hole Size: 12-1/4"

KB: 3572.6'
 DF: 3571.6'
 GL: 3560.6'
 Spud Date: 8/25/1983
 Compl. Date: 10/24/1983

History - Highlights

1983-08: D&C well
1984-09: Convert to Injection (WRX-530)
1991-12: RC to YATES
2004-07: Add Perfs & Acidize 7 RVRs, Frac 7 RVRs-YATES together
2011-08: Drill out CIBP & DHC Jalmat & Eunice pools (DHC-4395)
PROPOSED: Sqz YATES & 7 RVRs perfs. Clean out to PBTD. Add Perfs & Acidize QUEEN. Convert to Injection.

TANSILL (Top @ 2999')YATES (Top @ 3157') [SQUEEZED]

3159', 3175', 3179', 3199', 3205', 3211', 3260', 3265', 3273', 3288', 3293' (1 SPF) - Dec
 Acidized w/ 1000 gals 15% NEFE; Frac w/ 14,700 gals gel, 9492 gals CO₂, &
 10,500# sand; Re-Frac w/ 7 RVRs

SEVEN RIVERS (Top @ 3342') [SQUEEZED]

3322', 3338', 3385', 3412', 3445', 3465', 3512', 3530', 3563', 3590', 3602' (2 SPF) - Jul 2
 Acidized 3322-3602' w/ 1100 gals 15% HCL acid; Foam Frac w/ YATES w/
 57,666 gals water, 388 tons CO₂ DH (70 quality CO₂ foam), 30,540# 20/40
 sand & 271,660# 12/20 sand

QUEEN (Top @ 3730')

3730-3738' (2 SPF) - PROPOSED

Acidize 3730-3889' w/ 5000 gals 15% NEFE HCL acid, 1500# rock salt & flush
 w/ 50 bbls 2% KCL

3752-3776' (1 SPF) - Oct 1983

Acidized w/ 1600 gals 15% NEFE HCL acid

3782-3820' (1 SPF) - Oct 1983

Acidized w/ 2300 gals 15% NEFE acid

3826-3864' (1 SPF) - Oct 1983

Acidized w/ 2200 gals 15% NEFE acid

3873-3889' (1 SPF) - Oct 1983

Acidized w/ 1000 gals 15% NEFE HCL acid

AS-1X pkr

3694'

Production Csg

Size: 5-1/2"
 Wt.&Thrd: 14#
 Grade: J-55 STC
 Set @: 3900'
 Sxs Cmt: 950 sxs
 Circ: 75 sxs
 TOC: Surface
 Hole Size: 7-7/8"

PBTD 3895'
 TD 3900'

Tubulars - Capacities and Performance

36.1 API gravity - QUEEN

~114 lbs 2-3/8" IPC Tubing w/ AS-1X injection pkr

Well Name: STATE A A/C 2 #070 API: 30-025-28279 Lease Type: STATE
 Location: 1295' FSL & 1295' FEL T-R-Sec-Spot-Lot: 22S-36E-08-P Lease No: _____
 Formation(s): DHC: [79240] Jalmat; TANSILL-YATES-7 RVRs (Gas), [24130] Eunice; 7 RVRs-QUEEN, South County/State: Lea, NM

Surface Csg

Size: 8-5/8"
 Wt.&Thrd: 24#
 Grade: J-55 STC
 Set @: 573'
 Sxs cmt: 375 sxs
 Circ: 60 sxs
 TOC: Surface
 Hole Size: 12-1/4"

KB: 3572.6'
 DF: 3571.6'
 GL: 3560.6'
 Spud Date: 8/25/1983
 Compl. Date: 10/24/1983

History - Highlights

1983-08: D&C well
1984-09: Convert to Injection (WRX-530)
1991-12: RC to YATES
2004-07: Add Perfs & Acidize 7 RVRs, Frac 7 RVRs-YATES together
2011-08: Drill out CIBP & DHC Jalmat & Eunice pools (DHC-4395)

All info from OCD well files ONLY

CURRENT

EOT 3057'

TANSILL (Top @ 2999')YATES (Top @ 3157')

3159', 3175', 3179', 3199', 3205', 3211', 3260', 3265', 3273', 3288', 3293' (1 SPF) - Dec
 Acidized w/ 1000 gals 15% NEFE; Frac w/ 14,700 gals gel, 9492 gals CO₂, &
 10,500# sand; Re-Frac w/ 7 RVRs

SEVEN RIVERS (Top @ 3342')

3322', 3338', 3385', 3412', 3445', 3465', 3512', 3530', 3563', 3590', 3602' (2 SPF) - Jul 2
 Acidized 3322-3602' w/ 1100 gals 15% HCL acid; Foam Frac w/ YATES w/
 57,666 gals water, 388 tons CO₂ DH (70 quality CO₂ foam), 30,540# 20/40
 sand & 271,660# 12/20 sand

Otis Perma-latch pkr 3719'

Production Csg

Size: 5-1/2"
 Wt.&Thrd: 14#
 Grade: J-55 STC
 Set @: 3900'
 Sxs Cmt: 950 sxs
 Circ: 75 sxs
 TOC: Surface
 Hole Size: 7-7/8"

QUEEN (Top @ 3730')

3752-3776' (1 SPF) - Oct 1983
 Acidized w/ 1600 gals 15% NEFE HCL acid
 3782-3820' (1 SPF) - Oct 1983
 Acidized w/ 2300 gals 15% NEFE acid
 3826-3864' (1 SPF) - Oct 1983
 Acidized w/ 2200 gals 15% NEFE acid
 3873-3889' (1 SPF) - Oct 1983
 Acidized w/ 1000 gals 15% NEFE HCL acid

PBTD 3895'
 TD 3900'

Tubulars - Capacities and Performance

36.1 API gravity - QUEEN
 Otis Perma-latch pkr set w/ 10,000# tension - No mention if pkr was pulled or left in hole
 2-3/8" 4.7# J-55 EUE Tubing

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 169524

CONDITIONS

Operator: FAE II Operating LLC 11757 Katy Freeway, Suite 725 Houston, TX 77079	OGRID: 329326
	Action Number: 169524
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Run PWOT MIT/BHT	2/1/2023