

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 Resources

Form C-103
 Revised July 18, 2013

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

WELL API NO. 30-025-28281	
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 STATE A A/C 2	
8. Well Number #072	
9. OGRID Number 329326	
10. Pool name or Wildcat [24130] EUNICE; 7 RVRs-QUEEN, SOUTH	
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 <input type="checkbox"/> 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>K</u> : <u>1410</u> feet from the <u>SOUTH</u> line and <u>1440</u> feet from the <u>WEST</u> line Section <u>09</u> Township <u>22S</u> Range <u>36E</u> NMPM <u>LEA</u> County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3577' GL	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		Repair Casing Leak, Drill out CIBP, Perf & Acidize, & Reactivate Injection Order #: R-22349	<input checked="" 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.

PAPER WORK UPDATE:

MIRU. POOH w/ tbg & pkr. PU 4-3/4" bit and sub. Tag fill @ 3610'. Found bad casing from 59' to 189' while pressure testing. Dug out well head. Set retainer at 3102'. TOH with tbg. Test tbg to 4000 psi. Pump 20 bbl and established rate @ 2 BPM @ 1670 psi. Pump 150 sxs of 2% Neat C cement at 1 bbl/min at 2200 psi. pump 16 bbl. Displacement at 1.3 BPM @ 1940 psi. Establish injection rate At 2 BPM @ 30 psi. pump 50 sxs of cement 2% Neat C at 1.5 BPM @ 30 psi. Shut down. MIRU cement trucks again. Establish inj rate with 5 bbls at 1.5 BPM @ 320 psi. pump 7 bbl. of 3% neat C cement at 1.5 BPM @ 280 psi. Shut down. Pump 1/2 bbl displacement. Stand by for 4 hrs. Pump 1/2 bbl displacement. Stand by for 4 hrs. pump and test cement pressure up to 1500 psi. RDMO cement trucks. Drill out cement from 15' to 142', test csg to 500 psi, held. Drill cement & circ clean to 735' & test csg to 500 psi, held. Continued down hole & tagged @ 2638'. Drilled cement to 3102', circ, and clean out hole. Pressure test csg. Would not hold. Found csg to be "bad" from 59' to 711'. Continue to drill out cement to CIBP @ 3382', pushed down to 3680', & hit another CIBP @ 3680', all "fell" to 3872'. Circulate well clean.

- Continued on next page -

Spud Date:

10/10/2022

Rig Release Date:

11/09/2022

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 30 AUG 2023

Type or print name Vanessa Neal

E-mail address: vanessa@faenergyus.com

PHONE: (832) 219-0990

For State Use Only

APPROVED BY:

TITLE

DATE

Conditions of Approval (if any):

- Continued from previous page -

Decide to run 4" liner. Picked up and RIH with 4" Flat Collar, 100 joints. 4" -10.46# Liner installed X- O 4" to 4-1/2" leave float shoe @3,868.76' Circ Bottoms up with 78 bbl., Nipple down BOP, Flange down the 4". Rig up Cement Trucks. Pumped cement 250sx, 59 bbls. dropped wiper push it down with 45 bbls. Squeeze @900 psi. Shut Csg. off leave pressure on it (800psi). Open well. Bleed off casing pressure. MIRU Welder. Cut off casing and weld new bell nipple on 4" 10.46# casing. NU tbg head and BOP. MIRU TWG wire line. Run CBL. Found TOC @ surface. Run and perforate @ 3708'- 3785' 2 spf. Run & perf inactive perfs, 3770-3850' 2 spf. Set RBP @ 3848' 1st stage set PKR @ 3764' Acidize perfs 3770' - 3850' with 1500 gal of 15% NEFE acid. Displaced with 190 bbls of fresh water. Move tools set RBP 3764' and PKR @ 3705' set RBP 3764' 2 nd stage perfs @ 3708'- 3760' With 3000 gal of 15 % NEFE acid, dropping 500# of rock salt. Displaced with 310 bbls of fresh water. ISIP 0 psi well went on vacuum. Max pressure 3440 psi, Avg pressure 3054 psi. max rate 8.3 BPM, avg rate 7.5 BPM. Load to Recover 312 bbls. RDMO. Pick up tbg and latch into RBP. Released RBP. Run 113 jts of IPC 2 3/8" tbg. ND BOP NUWH. Circ well w/ 80 bbls of PKR fluid. Set PKR @ 3665'. Pressure test casing to 500 psi. casing test good. Ready for RTI.

Order #: R-22349

- End Report -

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District IV
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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-28281	² Pool Code 24130	³ Pool Name EUNICE; 7 RVRs-QUEEN, SOUTH
⁴ Property Code 331161	⁵ Property Name STATE A A/C 2	⁶ Well Number #072
⁷ OGRID No. 329326	⁸ Operator Name FAE II OPERATING, LLC	⁹ Elevation 3559'

¹⁰ Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
K	09	22S	36E		1410	S	1440	W	LEA

¹¹ Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
K	09	22S	36E		1410	S	1440	W	LEA
¹² Dedicated Acres 40	¹³ Joint or Infill Y	¹⁴ Consolidation Code	¹⁵ Order No.						

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

¹⁶ 	¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> Signature _____ Date 10/17/2022 VANESSA NEAL Printed Name vanessa@faenergyus.com E-mail Address			
	¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>			
	Date of Survey _____ Signature and Seal of Professional Surveyor: _____ Certificate Number _____			

Well Name: State A A/C 2 #072 Lease No: _____ Lease Type: _____ State: _____
 Township: 22-S Range: 36-E Sec: 9 Location: 1410' FSL & 1440' FWL
 County: Lea State: NM API: 30-025-28281 Formation: [24130] Eunice-7 Rivers-Queen South

CURRENT

Surface Csg

Size: 8-5/8"
 Wt.&Thrd: 24#
 Grade: J-55
 Set @: 598'
 Sxs cmt: 375 sxs
 Circ: 60 sxs
 TOC: Surface
 Hole Size: 12-1/4"

KB (ft): _____
 DF (ft): _____
 GL (ft): 3577
 Spud Date: 8/30/1983
 Compl. Date: 10/29/1983
 Oil Window (ft): 3727 3927

Production Csg

Size: 5-1/2"
 Wt.&Thrd: 14#
 Grade: J-55
 Set @ (ft): 3900
 Sxs Cmt: 950
 Sxs Circ: 125 sxs
 TOC: Surface
 Hole Size: 7-7/8"

Production Lnr

Size: 4"
 Wt.&Thrd: 10.46# Flat Collar
 Grade: _____
 Set @ (ft): 0 - 3869'
 Sxs Cmt: 250 sxs
 Sxs Circ: _____
 TOC: Surface (log)
 Hole Size: 5-1/2"

Tansill (Top @ 2968')YATES (Top @ 3117')

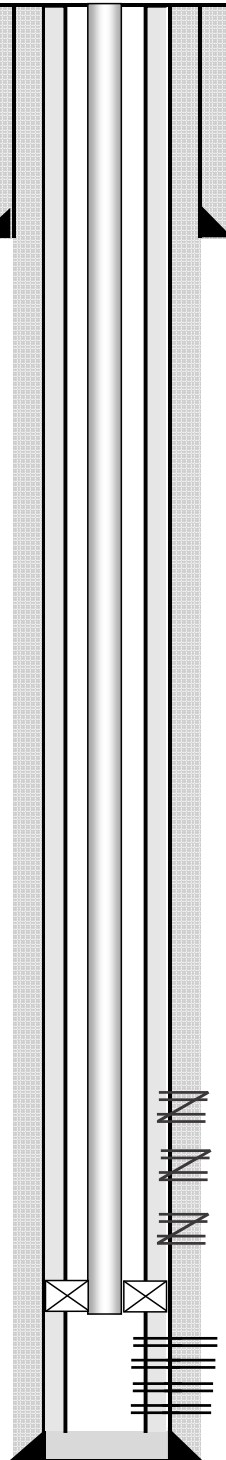
3135', 3154', 3182', 3187', 3237',
 3241', 3249', 3262', 3271', 3294',
 3305', 3310' [SQUEEZED]

SEVEN RIVERS (Top @ 3323')

3359' [SQUEEZED]

QUEEN (Top @ 3740')

3708-3785', 3770-3850' (2 SPF) -
 Nov 2022

History - Highlights

Oct-1983: Produce Queen, 3770' - 3850'

Sep-1984: Convert to inj

July-1990: Set CIBP @3670', perf gas zone and produce

Nov-2022: Run liner due to csg leak, DO CIBP, Perf &
 Acidize QUEEN, RTI

Description	Qty	Length	Depth
KB	1		0
Wellhead	1		0
2 3/8" 4.7# IPC		3,360.00	3,360
PACKER		5.00	3,365
2 3/8" 4.7#		0.00	3,365
SN		0.00	3,365
Perf Sub		0.00	3,365
Mud Anchor		0.00	3,365
End of Tubing			3,365

Pump Details:		Run Date:		
Description	Size	Qty	Length	Depth
Polish Rod		0.0	0.00	0.00
Pony Rods	7/8"	0	0	0
1" Rods	0	0	0	0
7/8" Rods	7/8"	0	0	0
3/4" rods	3/4"	0	0	0
Sinker Bar 1 1/2"	1.5	0.0	0	0
Pump Description			0	0

ACID JOB- Nov 2022

Acidize 3770' - 3850' w/ 1500 gal of 15% NEFE. Displaced w/ 190 bbls fw.

Acidize 3705-3764 w/ 3000 gal of 15 % NEFE, 500# of rock salt. Displaced w/ 310 bbls fw.

Other:

113 jts IPC 2-3/8" tbg, SN, 5' AS1x pkr @ 3665'

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CONDITIONS

Action 364201

CONDITIONS

Operator: FAE II Operating LLC 11757 Katy Freeway, Suite 725 Houston, TX 77079	OGRID: 329326
	Action Number: 364201
	Action Type: [C-103] Sub. (Re)Completion Sundry (C-103T)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	ensure that the packer is set not more than 100 ft above the top of the perforation of the injection interval.	7/22/2024