

Well Name: R.F.U.	Well Location: T26S / R37E / SEC 8 / SESE /	County or Parish/State: LEA / NM
Well Number: 8-3	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMLC030181A	Unit or CA Name: RHODES FEDERAL UNIT	Unit or CA Number: NMNM71022X
US Well Number: 300252452200S1	Well Status: Producing Gas Well	Operator: FAE II OPERATING LLC

Accepted for Record Only

SUBJECT TO LIKE APPROVAL BY BLM

NMOCD 3/15/24

X7

Notice of Intent

Sundry ID: 2772481

Type of Submission: Notice of Intent

Date Sundry Submitted: 01/30/2024

Date proposed operation will begin: 03/15/2024

Type of Action: Acidize

Time Sundry Submitted: 09:21

Procedure Description: MIRU WO rig. POOH w/ pump, rods & tbg. RIH w/ 3-7/8" bit and confirm clear down to 3254' (PBDT). Circulate well clean, POOH w/ bit. RIH w/ wireline & perforating guns. Perforate SEVEN RIVERS 3163'-3239' (2 SPF) (44 holes). POOH w/ wireline tools. RIH w/ treating pkr. Acidize perfs 3163'-3239' w/ 3000 gals 15% NEFE HCL acid, 1000# rock salt diverter & flush w/ 300 bbls fresh water treated w/ biocide. POOH w/ treating packer. TIH w/ tbg, pump & rods (EOT ~3245'). Put well on production.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

WBDs__3002524522_20240130092110.pdf

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Lease Number: NMLC030181A	Unit or CA Name: RHODES FEDERAL UNIT	Unit or CA Number: NMNM71022X
US Well Number: 300252452200S1	Well Status: Producing Gas Well	Operator: FAE II OPERATING LLC

Conditions of Approval

Specialist Review

Workover_or_Vertical_Deepen_COA_20240313132428.pdf

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: JESSICA LAMARRO	Signed on: JAN 30, 2024 09:15 AM
Name: FAE II OPERATING LLC	
Title: Geologist	
Street Address: 11757 KATY FREEWAY SUITE 725	
City: HOUSTON	State: TX
Phone: (832) 706-0051	
Email address: JESSICA@FAENERGYUS.COM	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: JONATHON W SHEPARD	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752345972	BLM POC Email Address: jshepard@blm.gov
Disposition: Approved	Disposition Date: 03/13/2024
Signature: Jonathon Shepard	

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.	
6. If Indian, Allottee or Tribe Name	
7. If Unit of CA/Agreement, Name and/or No.	
8. Well Name and No.	
9. API Well No.	
10. Field and Pool or Exploratory Area	11. Country or Parish, State

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)	Title
Signature	Date

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: SESE / 660 FSL / 660 FEL / TWSP: 26S / RANGE: 37E / SECTION: 8 / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

BHL: SESE / 660 FSL / 660 FEL / TWSP: 26S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

Well Name:

Rhodes Federal Unit #083

Lease No:

Lease Type:

Federal

Township:

26-S

Range:

37-E

Sec:

08-P

Location:

660' FSL & 660' FEL

County:

Lea

State:

NM

API:

30-025-24522

Formation:

YATES; 7-RIVERS

CURRENT

Surface Csg

Size:

8-5/8"

Wt.&Thrd:

20#

Grade:

MU-46

Set @:

637'

Sxs cmt:

300 sxs

Circ:

Circ

TOC:

Surface

Hole Size:

12-1/4"

KB:

2954'

DF:

GL:

2943'

Spud Date:

9/17/1973

Compl. Date:

10/16/1973

History - Highlights

07-1974:

Used as a gas storage well, first gas inj started

12-1982:

Converted to producing well

04-1991:

Acidized existing Yates perms from 2865'-3117' w/ 1000 gals 7.5% HCL, frac'd w/ 48k gal + 145k# + CO2

04-1992:

Pump stuck w/ frac sand, ran new pump

06-1993:

Cleaned out fill from 3,117'-PBDT

07-1999:

Acidized w/ 250 gals; replaced 3 rods. Corrosion noted. Repaired and ran smaller pump

All info from OCD well files ONLY

EOT

3134'

Tubing Size

2-3/8"

Production Csg

Size:

4-1/2"

Wt.&Thrd:

10.5#

Grade:

K-55

Set @:

3290'

Sxs Cmt:

400 sxs

Circ:

TOC:

1472'

Hole Size:

7-7/8"

YATES (Top @ 2848)

Perf 2865'-3117' (2 SPF) (22 shots overall)

2865-2868, 2898-2902, 2922-2924, 2936-2956, 2976-2981, 2994-3004, 3014-3018, 3027-3031, 3048-3050, 3094-3099, 3106-3117.

Frac 41,000 gals WF/60, w/ 9000# 20-40 Sd, 35, 250# 10-20 Sd. (Oct 1973)

Acidized w/ 1000 gals 7.5% HCL w/ 100 BS. (April 1991)

Frac w/ 48,000 gals 50Q CO2 & 145,000 12/20 Brady Snd (April 1991)

7-RIVERS (Top @ 3120)

PBDT 3254'

TD 3290'

Tubulars - Capacities and Performance

Well Name: **Rhodes Federal Unit #083** Lease No: _____ Lease Type: **Federal**
 Township: **26-S** Range: **37-E** Sec: **08-P** Location: **660' FSL & 660' FEL**
 County: **Lea** State: **NM** API: **30-025-24522** Formation: **YATES; 7-RIVERS**

CURRENTSurface Csg

Size: 8-5/8"
 Wt.&Thrd: 20#
 Grade: MU-46
 Set @: 637'
 Sxs cmt: 300 sxs
 Circ: Circ
 TOC: Surface
 Hole Size: 12-1/4"

KB: 2954'
 DF: _____
 GL: 2943'
 Spud Date: 9/17/1973
 Compl. Date: 10/16/1973

History - Highlights

07-1974: Used as a gas storage well, first gas inj started
12-1982: Converted to producing well
04-1991: Acidized existing Yates perms from 2865'-3117' w/ 1000 gals 7.5% HCL, frac'd w/ 48k gal + 145k# + CO2
04-1992: Pump stuck w/ frac sand, ran new pump
06-1993: Cleaned out fill from 3,117'-PBTD
07-1999: Acidized w/ 250 gals; replaced 3 rods. Corrosion noted. Repaired and ran smaller pump
Proposed: MIRU. POOH w/ pump, rods & tbg. RIH w/ 3-7/8" bit and confirm clear down to PBTD. Circulate well clean, POOH w/ bit. RIH w/ wireline & perforating guns. Perforate SEVEN RIVERS 3163'-3239' (2 SPF) (44 holes). POOH w/ wireline tools. RIH w/ pkr. Acidize perms 3163'-3239' w/ 3000 gals 15% NEFE HCL acid, 1000# rock salt diverter & flush w/ 300 bbls fresh water treated w/ biocide. POOH w/ treating packer. TIH w/ tbg, pump & rods (EOT ~3245'). Put well on production.

All info from OCD well files ONLY

SN 3205'
 EOT 3245'

Production Csg

Size: 4-1/2"
 Wt.&Thrd: 10.5#
 Grade: K-55
 Set @: 3290'
 Sxs Cmt: 400 sxs
 Circ: _____
 TOC: 1472'
 Hole Size: 7-7/8"

YATES (Top @ 2848)

Perf 2865'-3117' (2 SPF) (22 shots overall)

2865-2868, 2898-2902, 2922-2924, 2936-2956, 2976-2981, 2994-3004, 3014-3018, 3027-3031, 3048-3050, 3094-3099, 3106-3117.

Frac 41,000 gals WF/60, w/ 9000# 20-40 Sd, 35, 250# 10-20 Sd. (Oct 1973)

Acidized w/ 1000 gals 7.5% HCL w/ 100 BS. (April 1991)

Frac w/ 48,000 gals 50Q CO2 & 145,000 12/20 Brady Snd (April 1991)

7-RIVERS (Top @ 3120)Perf 7RVRs f/ 3163'-3174', 3223'-3228', 3236'-3239' (2 SPF) - **PROPOSED**

Acidize w/ 3000 gals 15% NEFE HCL acid, 1000# rock salt, & flush w/ 300 bbls FW treated with biocide

PBTD 3254'
 TD 3290'

Tubulars - Capacities and Performance

2-3/8" 4.7# EUE 8rd Tubing (~100 jts 2-3/8" tbg, SN, perf sub, MA w/ bull plug) @ 3245'

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Conditions of Approval for Workover/Deepening of a Well

1. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any operations. For wells in Eddy County, call 575-361-2822. For wells in Lea County, call 575-689-5981
2. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,100 feet, a 3M system for a well not deeper than 13,600 feet, or a 5M system for a well not deeper than 22,700 feet (all depths are for measured well depth).
3. Cement: Notify BLM if cement fails to circulate.
4. Subsequent Reporting: Within 30 days after work is completed, file a Subsequent Report (Form 3160-5) to BLM. The report should give in detail the manner in which the work was carried out. Show date work was completed. If producing a new zone, submit a Completion Report (Form 3160-4) with the Subsequent Report.
5. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.
6. If well location is within the Timing Limitation Stipulation Area for Lesser Prairie-Chicken: From March 1st through June 15th annually, activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted.

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 323112

CONDITIONS

Operator: FAE II Operating LLC 11757 Katy Freeway, Suite 725 Houston, TX 77079	OGRID: 329326
	Action Number: 323112
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Like approval from BLM	3/15/2024