

**Well Name:** MOBERLY RHODES  
WATERFLOOD PROJ

**Well Location:** T26S / R37E / SEC 21 /  
SWNE / 32.0305071 / -103.1656378

**County or Parish/State:** LEA /  
NM

**Well Number:** 05

**Type of Well:** CONVENTIONAL GAS  
WELL

**Allottee or Tribe Name:**

**Lease Number:** NMLC030181C

**Unit or CA Name:**

**Unit or CA Number:**

**US Well Number:** 3002512022

**Well Status:** Producing Gas Well

**Operator:** FAE II OPERATING  
LLC

Accepted for Record Only **NMOCD 3/15/24** X7  
SUBJECT TO LIKE APPROVAL BY BLM

**Notice of Intent**

**Sundry ID:** 2773212

**Type of Submission:** Notice of Intent

**Type of Action:** Acidize

**Date Sundry Submitted:** 02/02/2024

**Time Sundry Submitted:** 03:38

**Date proposed operation will begin:** 04/02/2024

**Procedure Description:** MIRU WO Rig. POOH w/ pump, rods & tbg. RIH w/ 6-1/8" bit, tag PBTD, drill out cmt/fill on top of plug @ 3080', drill out CIBP @ 3087', and clean out well to TD (~3260'). Circulate clean. POOH w/ bit. RIH w/ pkr. Acidize openhole section 3097-3260' w/ 3000 gals 15% NEFE HCL acid, & flush w/ 200 bbls 2% KCL water. POOH w/ pkr. TIH w/ tbg, pump & rods. RTP.

**Surface Disturbance**

**Is any additional surface disturbance proposed?:** No

**NOI Attachments**

**Procedure Description**

WBD\_MoberlyRhodesWFPProject\_5\_CURRENT\_and\_Proposed\_01\_2024\_20240202153753.pdf

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Well Status: Producing Gas Well

Operator: FAE II OPERATING  
LLC

### Conditions of Approval

#### Specialist Review

Workover\_or\_Vertical\_Deepen\_COA\_20240313134517.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: FEB 02, 2024 03:35 PM

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

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well

Oil Well     Gas Well     Other

8. Well Name and No.

2. Name of Operator

9. API Well No.

3a. Address

3b. Phone No. (include area code)

10. Field and Pool or Exploratory Area

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)

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 recomplete 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 performed 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 determined 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: SWNE / 1980 FNL / 1980 FEL / TWSP: 26S / RANGE: 37E / SECTION: 21 / LAT: 32.0305071 / LONG: -103.1656378 ( TVD: 0 feet, MD: 0 feet )

BHL: SWNE / 1980 FNL / 1980 FEL / TWSP: 26S / SECTION: / LAT: 0.0 / LONG: 0.0 ( TVD: 0 feet, MD: 0 feet )

Well Name: Moberly Rhodes WF Project #005 API: 30-025-12022 Lease Type: Federal  
 Location: 1980' FNL & 1980' FEL T-R-Sec-Spot-Lot: 26S-37E-21-G Lease No: \_\_\_\_\_  
 Formation(s): [52250] Rhodes; YATES-7 RVRs County/State: Lea, NM

**Surface Csg**

Size: 15-1/2"  
 Wt.&Thrd: 70#  
 Grade: unknown  
 Set @: 69'  
 Sxs cmt: 20 sxs  
 Circ: 5 sxs  
 TOC: Surface  
 Hole Size: 17"

KB: \_\_\_\_\_  
 DF: \_\_\_\_\_  
 GL: \_\_\_\_\_  
 Spud Date: 11/29/1940  
 Compl. Date: 12/6/1940

**Intermediate Csg**

Size: 8-1/4"  
 Wt.&Thrd: 32#  
 Grade: 8rd  
 Set @: 1177'  
 Sxs cmt: 750 sxs  
 Circ: 50 sxs  
 TOC: Surface  
 Hole Size: \_\_\_\_\_

**History - Highlights**  
**12/1940:** Completed well  
**09/1995:** Pulled out 4-1/2" liner from 3040'-3260', set CIBP @ 3087', dump bailed 7' cmt on top of plug. Perf'd upper Yates 2856' - 3072', acidized, and CO2 frac'd zone, ran tubing and rods & put well on prod.

**Production Csg**

Size: 7"  
 Wt.&Thrd: 20#  
 Grade: J-55 8rd  
 Set @: 3097'  
 Sxs Cmt: 750 sxs  
 Circ: \_\_\_\_\_  
 TOC: \_\_\_\_\_  
 Hole Size: \_\_\_\_\_

**TANSIL (Top @ 2700')**

**YATES (Top @ 2850')**

2856', 2859', 2862', 2866', 2871', 2876', 2879', 2882', 2886', 2890', 2894', 2897', 2902', 2905', 2911', 2914', 2920', 2924', 2927', 2931', 2964', 2975', 2981', 2987', 2992', 3000', 3006', 3009', 3012', 3015', 3033', 3038', 3043', 3047', 3051', 3054', 3059', 3065', 3068', 3072' (1 SPF, 40 holes total) - **Sept 1995**

Acidize w/ 1500 gals 7.5% HCL w/ additives @ 5 BPM, Vac in 5 mins  
 Frac 2856'-3072' w/ 57,000 gals 50% CO2 & 159,000 lbs 12/20 sand  
 Treated at 40 BPM, Avg Treating pressure: 4200 psi

**SEVEN RIVERS (Top @ 3172')**

EOT 2996'  
 7' of cmt on top of CIBP  
 CIBP 3087'

**Open Hole**

Size: 6-1/4"  
 Down to: 3260'

PBTD 3087'  
 TD 3260'

**Tubulars - Capacities and Performance**

Tubing Details: 100 jts 2-3/8" J-55 8RD tbg, SN, and 4' perforated sub; EOT @ 2,996'  
 Rod Details: 1-1/4" x 16" PR w/ 1-1/2" x 8" PRL, 118 x 5/8" rods, 1 x 5/8" pony rod, and 2" x 1-1/4" x 12' RWBC Pump

Well Name: Moberly Rhodes WF Project #005 API: 30-025-12022 Lease Type: Federal  
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 Formation(s): [52250] Rhodes; YATES-7 RVRs County/State: Lea, NM

**PROPOSED**

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 Grade: 8rd  
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**Proposed:** MIRU. POOH w/ pump, rods & tbg. RIH w/ 6-1/8" bit, tag PBTD, drill out cmt/fill @ 3080' and CIBP @ 3087'. Clean out well to TD. Circulate clean. POOH w/ bit. RIH w/ pkr. Acidize openhole section 3097-3260' w/ 3000 gals 15% NEFE HCL acid, & flush w/ 200 bbls 2% KCL water. POOH w/ pkr. TIH w/ tbg, pump & rods. RTP.

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 Size: 7"  
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Acidize w/ 1500 gals 7.5% HCL w/ additives @ 5 BPM, Vac in 5 mins  
 Frac 2856'-3072' w/ 57,000 gals 50% CO2 & 159,000 lbs 12/20 sand  
 Treated at 40 BPM, Avg Treating pressure: 4200 psi

SN 3200'  
 EOT 3240'

**SEVEN RIVERS (Top @ 3172')**

**Open Hole**  
 Size: 6-1/4"  
 Down to: 3260'

PBTD 3260'  
 TD 3260'

Tubulars - Capacities and Performance	
Tubing Details: ~105 jts 2-3/8" J-55 8RD tbg, SN, 4' perforated sub, and BPMA joint; EOT @ 3,240'	
Rod Details: 1-1/4" x 16" PR w/ 1-1/2" x 8" PRL, 3/4" rods, and 2" x 1-1/4" x 12" RHBC Pump	

## 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 1<sup>st</sup> through June 15<sup>th</sup> 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 323111

**CONDITIONS**

Operator: FAE II Operating LLC 11757 Katy Freeway, Suite 725 Houston, TX 77079	OGRID: 329326
	Action Number: 323111
	Action Type: [C-103] NOI Workover (C-103G)

**CONDITIONS**

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