

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OC-D-ARTESIA

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**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.*

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM014103
2. Name of Operator DEVON ENERGY PRODUCTION CO		6. If Indian, Allottee or Tribe Name
3a. Address PO BOX 250 ARTESIA, NM 88211		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 575-748-1829		8. Well Name and No. LITTLEFIELD AB FED 4
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		9. API Well No. 30-015-10841
		10. Field and Pool or Exploratory Area SHUGART DELAWARE
		11. County or Parish, State EDDY COUNTY, NM

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 checked="" 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 checked="" 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 recomplate 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 recomplate 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.

- This well is producing from the Shugart Delaware.
- Water produced is approximately 5 BWPD
- There is one 500bbl water tank located at the Littlefield AB Fed Battery.
- Water will be piped to the a) Littlefield Waterflood Project-water travels from the Littlefield AB Battery via transfer pump to 3 injection wells one of which is the Littlefield AB Fed 14(location of this well included) b.) East Shugart Unit Waterflood Facility where it travels to suction tanks and it is disposed into 12 injection wells via trunk line one of which is the East Shugart Unit 3(location of Unit 3 included)a.) Devon Energy Corporation b.) Agua Sucia, LLC.  
a) API # 30-015-20434 and b) API # 30-015-05683.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

MAR 3 2017

ST

Accepted for record - NMOCD

*D.J. Nat Res 2016 Inspection*

*AP 4/12-17*

14. I hereby certify that the foregoing is true and correct.		ELECTRONIC SUBMISSION #359312 verified by the BLM Well Information System		BUREAU OF LAND MANAGEMENT	
Name (Printed/Typed) SHEILA A FISHER		Title FIELD ADMIN SUPPORT		APR 10 2017	
Signature (Electronic Submission)		Date 11/30/2016		RECEIVED	

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>Kelly Tucker</i>	Title <i>EPS</i>	Date <i>3/31/17</i>
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 <i>CFW</i>

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)

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

**Additional data for EC transaction #359312 that would not fit on the form**

**32. Additional remarks, continued**

5. a) SW4SE4, Sec 22, T18S, R31E  
b) NE4NE4, Sec 34, T18S, R31E

6. a) R-4438  
b) R-3059

## WATER PRODUCTION & DISPOSAL INFORMATION

\*In order to process your disposal request, the following information must be completed in full\*

Site Name: Littlefield AB Fed 4

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1. Name(s) of formation(s) producing water on the lease: Shugart Delaware

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2. Amount of water produced from all formations in barrels per day: 5bbls

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4. How water is stored on lease: 1 500bbl water tank at the Littlefield AB Fed Battery

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5. How water is moved to the disposal facility: Piped

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6. Identify the Disposal Facility by:

A. Facility Operators Name: a) Devon Energy Corporation b) Agua Sucia LLC

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B. Facility or well name/number: a) Littlefield Waterflood Project-water travels from the Littlefield AB Battery via transfer pump to 3 injection wells one of which is the Littlefield AB Fed 14(location of this well included) b) East Shugart Unit Waterflood Facility-water travels to suction tanks where it is disposed into 12 injection wells via trunk line one of which is the East Shugart Unit 3(location of Unit 3 included)

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C. Type of Facility or well (WDW) (WIW): a) WIW b) WIW

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D.1) Location by  $\frac{1}{4}$   $\frac{1}{4}$  SW/4 SE/4 Section 22 Township 18S Range 31E

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D.2) Location by  $\frac{1}{4}$   $\frac{1}{4}$  NE/4 NE4 Section 34 Township 18S Range 31E

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**Submit to this office, 620 EAST GREENE ST, CARLSBAD NM, 88220, the above required information on a Sundry Notice 3160-5. Submit 1 original and 5 copies, within abatement period. (This form may be used as an attachment to the Sundry Notice.)**

30-015-20299

5-7-70

Radioactivity Log

OBRID 169355

PROP 23446

POOL 56439

IT IS THEREFORE ORDERED:

11-16-72 R-4438

(1) That the applicant, Gulf Oil Corporation, is hereby authorized to institute a waterflood project in the Shugart Yates-Seven Rivers, Queen-Grayburg Pool by the injection of water into the Queen formation through the following-described wells in Section 22, Township 18 South, Range 31 East, NMPM, Eddy County, New Mexico:

Federal "AB" Littlefield Well No. 9, Unit H  
Federal "AB" Littlefield Well No. 10, Unit B ✓  
Federal "AB" Littlefield Well No. 14, Unit O

(2) That injection in each of the aforesaid wells shall be through internally plastic-coated tubing set in a packer located as near as is practicable to the uppermost perforation; that the casing-tubing annulus of each injection well shall be loaded with an inert fluid and equipped with a pressure gauge at the surface.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRI  
(Other instruction  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC 029392(a)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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—" for such proposals.)

1. OIL WELL  GAS WELL  OTHER

RECEIVED

2. NAME OF OPERATOR  
**The Atlantic Refining Company**

8. FARM OR LEASE NAME  
**Hinkle "A"**

3. ADDRESS OF OPERATOR  
**P. O. Box 1978, Roswell, New Mexico**

MAY 10 1966

9. WELL NO.  
**13**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface

C. C. C.  
ARTESIA, OFFICE

10. FIELD AND POOL, OR WILDCAT  
**Shugart-Queen**

**990' FML, 330' FEL (Unit Letter A)**

11. SEC. T. R. M. OR BLM. AND SURVEY OR AREA

**Sec. 34, T-18S, R-31E**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY OR PARISH 13. STATE

**Eddy**

**N.M.**

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/> <b>Convert to water injection X</b>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

In accordance with NMOCC Order No. R-3059 dated April 18, 1966 we propose to convert the above well to a water injection well in the Yates and Queen formations in the following manner.

1. Set CIBP in 7" casing at 3480'.
2. Perforate Yates and Queen w/one 3/8" OD jet shot at 2804, 2807, 2813, 2818, 3324 & 3330' (6 holes).
3. Treat these new perms w/1000 gallons 15% HCl acid and ball sealers. Frac w/30,000 gallons of fresh water & 30,000 of 20/40 sand.
4. Run one string of 2" tubing w/hookwell packer set at 2590'.
5. Inject water into above new perms and existing perms 2632 to 2735 and 3402 to 3440.

RECEIVED  
MAY 9 1966  
U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

18. I hereby certify Original Signature is true and correct

SIGNED **O. D. Bretches**

TITLE **Dist. Drilling Supervisor** 5-6-66

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

**APPROVED**

MAY 9 1966

*Rudolph C. Baier, Jr.*

RUDOLPH C. BAIER, JR.  
ACTING DISTRICT ENGINEER

\*See Instructions on Reverse Side

BUREAU OF LAND MANAGEMENT  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972

Disposal of Produced Water From Federal Wells  
Conditions of Approval

Approval of the produced water disposal methodology is subject to the following conditions of approval:

1. This agency shall be notified of any change in your method or location of disposal.
2. Compliance with all provisions of Onshore Order No. 7.
3. This agency shall be notified of any spill or discharge as required by NTL-3A.
4. This agency reserves the right to modify or rescind approval whenever it determines continued use of the approved method may adversely affect the surface or subsurface environments.
5. Any on-lease open top storage tanks shall be covered with a protective cover to prevent entry by birds and other wildlife.
6. This approval should not constitute the granting of any right-of-way or construction rights not granted by the lease instrument.
7. If water is transported via a pipeline that extends beyond the lease boundary, then you need to submit within 30 days an application for right-of-way approval to the Realty Section in this office if you have not already done so.
8. Disposal at any other site will require prior approval.
9. Subject to like approval by NMOCD.

7/10/14