

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

New Mexico Oil Conservation  
1625 N. Hobbs

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires November 30, 2000

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.  
LC 064944  
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side

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

1. Type of Well  
☐ Oil Well ☐ Gas Well ☒ Other

WATER INJECTION WELL

NMM91067X

2. Name of Operator  
BURLINGTON RESOURCES OIL & GAS COMPANY

8. Well Name and No.  
EAST CORBIN 9  
DELAWARE UNIT

3a. Address  
P.O. Box 51810 Midland, TX 79710-1810

3b. Phone No. (include area code)  
915-688-6806

9. API Well No.  
30-025-32915

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
UL-H, 1340' FNL & 990' FEL  
SEC. 21, T18S, R33E

10. Field and Pool, or Exploratory Area

WEST CORBIN DELAWARE

11. County or Parish, State  
LEA NM

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

TYPE OF SUBMISSION

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

<input checked="" type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>INSTALL DUAL</u>
<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>PACKERS &amp; ACIDIZE</u>
<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 recompleat 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Workover water injection well.

Due to the declining oil production on the East Corbin Delaware Unit, Burlington Resources proposes to install dual packers with regulator subs and acidize the Delaware Zone to re-direct the injected water so that 50% of the injected water goes to the Delaware Zone "A" and 50% of the injected water goes to the Delaware Zone "B".

See the attached detailed procedure.

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

MARIA L. PEREZ

Title

REGULATORY TECH.

Date 10-5-99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (ORIG. SGD.) ALEXIS C. SWOBODA

Title PETROLEUM ENGINEER

Date OCT 12 1999

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, makes 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.



East Corbin Delaware Unit #9  
990' FEL & 1320' FNL, SEC 21, T18S, R33E  
Lea County, New Mexico

**Procedure for Installing Dual Packers**

*Notify BLM and NMOCD in Hobbs 48 Hours before work commences.*

1. Safety is always the highest priority. Hold wellsite safety meetings prior to each significant operation. Review critical parameters and objectives as well as emergency action plans.
2. Order out Frac Tanks, Flow well back one day before moving Pulling Unit on Location.
3. Order out 5 Jts 2 3/8" J-55, IPC Tubing & 10 Jts 2 3/8" J-55 Non-IPC Tubing.
4. MIRU Pulling Unit
5. ND Wellhead, NU BOP, Release 5 1/2" X 2 3/8" Plastic coated Guiberson "G-6" Double Grip Injection Packer.
6. TIH from 5155' to  $\pm 5225'$ , Set 5 1/2" X 2 3/8" Plastic coated Guiberson "G-6" Double Grip Injection Packer.
7. RU QOS Acid Truck on Tubing, Pump 50 BBLs Clean Produced Water to Establish Pump Rate. Follow with 1500 Gals 15% NEFE with 20% by volume of Toulene (Treating Proposal is attached). Flush with 50 BBLs Clean Produced Water, slow to 1 BPM on last 25 BBLs of Flush to establish Injection Rates and Pressures for the Delaware "B" Zone.

Treating Rate = 4 to 6 BPM  
Maximum Treating Pressure = 2500 PSI

8. Release 5 1/2" X 2 3/8" Plastic coated "G-6" Double Grip Injection Packer & TOH. Have Packer Redressed.
9. TIH with the Following:
  - 1 - 2 3/8" Bull Plug,
  - 1 - 4' Regulator Sub with 1/8" Orifice,
  - 1 Jt. - 2 3/8" Tubing Coated on the ID & OD
  - 5 1/2" X 2 3/8" Plastic coated "G-6" Double Grip Packer.
  - 1-2 3/8" X 4' Regulator Sub Mandrel with 1/8" Standard Orifice and Reverse Flow Check Valve,
  - 1 Jt.-2 3/8", J-55 Tubing, Plastic coated both ID and OD,
  - Type S-1 Arrow Tandem Tension Packer 5 1/2" X 2 3/8" Plastic coated,
  - $\pm 169$  Jts 2 3/8" J-55 IPC Tubing.
10. Space out and set 5 1/2" X 2 3/8" Guiberson "G-6" Packer @  $\pm 5225'$  Load Annulus with Packer Fluid (Annulus Volume = 95 BBLs), Continue pulling on tubing slowly to shear the setting pin on the Arrow Type S-1 Tandem Tension Packer, (3500# each pin). A continuous tension of 8,000# is required at the Tandem Tension to Maintain packoff. This should place the top of packer @  $\pm 5190'$

**NOTE: Make sure packer fluid has defoamer added.**

11. Finish loading Annulus with packer fluid and pressure test annulus to 500 PSI and hold for 30 minutes (H-5 Test).

**NOTE: Notify Both BLM and NMOCD 48 Hours before performing the H-5 Test.**



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12. Install Wellhead Injection Equipment and Place Well on Injection @ a Rate of 750 BWPD.

**NOTE: Maximum Injection Pressure is 1805 PSI Surface Pressure.**

Prepared &

Recommended by: Eddie Carpenter  
Eddie Carpenter

Date: 10/5/88

Approved by: \_\_\_\_\_  
Cash Smithwick

Date: \_\_\_\_\_

