

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTN.M. Oil Cons. Dist. 2  
1301 W. Grand Avenue  
Artesia, NM 88210FORM APPROVED  
OMB 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.Serial No.  
NM-17224

## SUBMIT IN TRIPLICATE - Other instructions on reverse side

## 1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

## 2. Name of Operator

HEC Petroleum, Inc.

## 3a. Address

500 W. Illinois Midland, TX 79701

3b. Phone No. (include area code)  
(915) 498-8662

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

1750' FNL & 660' FWL  
Unit E, Sec. 20, T24S, R29E  
NMPM

6. If Indian, Allottee or Tribe Name

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

## 8. Well Name and No.

Queen Lake 20 Federal No. 1

## 9. API Well No.

30-015-25829

10. Field and Pool, or Exploratory Area  
Pierce Crossing-Bone Springs11. County or Parish, State  
Artesia, New Mexico

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

## TYPE OF SUBMISSION

## TYPE OF ACTION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/ Resume)☐ Reclamation☒ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☐ Other

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 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 recompleation 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 site is ready for final inspection.)

HEC Petroleum, Inc. (Pure Resources, L.P.) plans to re-complete in the Delaware from the Bone Springs in this well as per the recommended procedure below. Work anticipated to start on 08/08/02 with completion on 08/16/02.

- 1) MIRU pulling unit. POH w/production equipment. ND wellhead, NU BOP. Note: Reference in well file that TAC is stuck.
- 2) RIH and set RBP @ 7,200' w/20' sand on top. Perf 6314-34', 6370-84', & 6438-46' w/2SPF.
- 3) RIH w/pkr & tbq. Spot 200 gals 7-1/2% acetic. PU & set pkr @ 6,200'. Breakdown formation and acidize w/total 1,500 gals 7-1/2% acetic w/ball sealers to divert. Flush w/2% KCL wtr.
- 4) Swab to evaluate.
- 5) If necessary, frac well w/16,500 gals gelled water and 49,000# sand.
- 6) Flow/swab back load.
- 7) Remainder of program to follow based on results.

APPROVED

OCT - 8 2002

LES BABYAK  
PETROLEUM ENGINEER

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Alan W. Bohling

Title

Regulatory Analyst

Date

09/27/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Office

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.

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.

(Instructions on reverse)

DISTRICT I  
P.O. Box 198C, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88218

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

# OIL CONSERVATION DIVISION

2040 Pacheco St.  
Santa Fe, NM 87505

WELL API NO.

30-015-25829

Indicate Type of Lease

STATE ☐

FEE ☐

State Oil & Gas Lease No.

NM-17224

Lease Name or Unit Agreement Name

Queen Lake 20 Federal

Well No.

1

Pool name or Wildcat

Pierce Crossing-Bone Springs

Type of Well:

OIL  
WELL ☒

GAS  
WELL ☐

OTHER ☐

Name of Operator

Pure Resources, L.P.

Address of Operator

500 W. Illinois Midland, Texas 79701

Well Location

Unit Letter E : 1750 Feet From The North Line and 660 Feet From The West Line

Section 20

Township 24S

Range 29E

NMPM

Eddy

County

Elevation (Show whether DF, RKB, RT, GR, etc.)

2958' GR

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

## NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☒

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

## SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Pure Resources plans to re-complete in the Delaware from the Bone Springs in this well as per the recommended procedure below. Work anticipated to start on 08/08/02 with completion on 08/16/02.

- 1) MIRU pulling unit. POH w/production equipment. ND wellhead, NU BOP. Note: reference in well file that TAC is stuck.
- 2) RIH & set RBP @7200' w/20' sand on top. Perf 6314-34', 6370-84', & 6438-46' w/2SPF.
- 3) RIH w/pkr & tbq. Spot 200 gals 7-1/2% acetic. PU & set pkr @ 6200'. Break formation and acidize w/total 1500 gals 7-1/2% acetic w/ball sealers to ball out. Flush w/2% KCL wtr.
- 4) Swab to evaluate.
- 5) If necessary, frac well w/49,000# sand & 16,500 gals gelled water.
- 6) Flow/swab back load.
- 7) Remainder of program to follow based on results.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Alan W. Bohling TITLE Regulatory Analyst DATE 08/02/02

TYPE OR PRINT NAME Alan W. Bohling

TELEPHONE NO. 915/498-8662

(This space for State Use)

APPROVED BY Wrong Form - Federal Well TITLE \_\_\_\_\_ DATE AUG 11 2002

CONDITIONS OF APPROVAL, IF ANY: