

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Div-Dist. 2

1301 W. Grand Avenue
Artesia, NM 88210

FORM APPROVED
BLM No. 1004-0137
Expires: March 31, 2007

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 reverse side.

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

2. Name of Operator **HEC Petroleum, Inc.**

AUG 16 2005

3a. Address
500 W. Illinois Midland, Texas 79701

3b. Phone No. (include area code)
432 498-8662

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

**1,310' FSL & 1,210' FWL
UL M, Sec. 35, T-21-S, R-25-E**

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA/Agreement, Name and/or No.
Catchlaw Draw Unit 4876

8. Well Name and No.
Catchlaw Draw Unit # 20

9. API Well No.
30-015-33883

10. Field and Pool, or Exploratory Area
Catchlaw Draw; Morrow (74320)

11. County or Parish, State
EDDY County, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input checked="" 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"/> Fracture Treat	<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 checked="" type="checkbox"/> Other Request to amend
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	drill permit: New TD
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	depth of 11,000'

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 site is ready for final inspection.)

HEC Petroleum, Inc. respectfully requests to amend the original drilling permit (approved by BLM on December 17, 2004) to drill the 7-7/8" hole to a new, deeper, TD of 11,000' (versus the originally approved TD of 10,600') or 400' deeper. The only anticipated changes resulting from this deeper TD will be to: 1) extend the length of the 5-1/2" casing to run from surface to TD of 11,000' and, 2) to increase the cement used from 1500 sx of Class "H" POZ, tailed in with 500 sx of Class "H" Premium POZ + additives to that of approximately 1700 sx of Class "H" POZ, tailed in with 700 sx of Class "H" Premium POZ + additives. Our intent is to still circulate enough cement for the estimated TOC to be 2300' from surface.

This change in proposed drilling depth of this well will facilitate completion and optimize our production potential from all three Morrow zones (Morrow A @ ~ 10,320', Morrow B @ ~ 10,550' and Morrow C @ ~ 10,780'). Your consideration and approval of this requested amendment to the originally approved APD will be greatly appreciated.

APPROVED

AUG 15 2005

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

Alan W. Bohling

Title **Regulatory Agent**

Signature

Alan W. Bohling

Date

08/05/2005

LES BABYAK

PETROLEUM ENGINEER

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Date

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)