

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

1301 W. Grand Avenue

Mesia, NM 88210

FORM APPROVED
OMB 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 ☐ Other2. Name of Operator
HEC Petroleum, Inc.3a. Address
500 W. Illinois Midland, Texas 797013b. 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-E5. Lease Serial No.
NM-0291286. If Indian, Allottee or Tribe Name
NA7. If Unit or CA/Agreement, Name and/or No.
Catclaw Draw Unit 48768. Well Name and No.
Catclaw Draw Unit # 209. API Well No.
30-015-3388310. Field and Pool, or Exploratory Area
Catclaw 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 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 checked="" type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Request Alternate
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Production Casing
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	Cementing Plan

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 recompletion 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 ammend the original APD (approved by BLM on December 17, 2004) casing cementing plan for the Production String for this well per the following procedure:

REVISED PRODUCTION CASING CEMENTING PROCEDURE:

Based on not having cement behind the 9-5/8" intermediate casing from ~1100' - 248' (shoe at 1750'), the following changes are proposed for the 5-1/2" production casing. An ECP/DV tool is planned to be set near the base of the intermediate casing to ensure cement is circulated to surface thus covering the "missed" zones behind the 9-5/8".

1. Run 5-1/2" casing to bottom with an ECP/DV tool at ~1700' (inside the intermediate casing).
2. Precede cement with 100 bbls of drilling mud with 150 scf/bbl of Nitrogen or with 60 bbls of FW depending on hole conditions when the well is TD'd.
3. Cement the production casing with 765 sx of Interfill H + 5 pps Gilsonite + 0.25 pps Flocele + retarder (11.9 ppg, 2.47 ft3/sx). Followed with 320 sx of Super H + 0.4% Halad R-344 + 0.3% CFR-3 + 0.3% HR-7 (13 ppg, 1.65 ft3/sx). Anticipated TOC based on 50% excess is 1700' for the lead and 9000' for the tail.
4. Set ECP and open DV tool. Circulate annular volume with drilling mud. M&P 250 sx (228 calculated) of Class C neat (1700' - surface).

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

12/07/2005

APPROVED

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

Office

JAN 10 2006
DateLES BABYAK
PETROLEUM ENGINEER

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)