OCD-HOBBS

Form 3160-5
(February 2005)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD
SEP 02 2011
RECEIVED

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 page 2.*

5. Lease Serial No.
NMNM 114990

6. If Indian, Allottee or Tribe Name

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

1 Type of Well
☐ Oil Well ☑ Gas Well ☐ Other

8 Well Name and No.
Ichabod 7 Fed 1H

2. Name of Operator
Devon Energy Production Company, L P.

9 API Well No.
30-025-40043

3a Address
20 North Broadway, Oklahoma City, OK 73102

3b. Phone No *(include area code)*
405-228-8973

10. Field and Pool or Exploratory Area
Wildcat Bone Spring

4. Location of Well *(Footage, Sec , T ,R.,M., or Survey Description)*
SHL: SESE 195' FSL & 330' FEL Unit P Sec 7 T26S R34E
BHL: NENE 330' FNL & 330' FEL Unit A Sec 7 T26S R34E

11. Country or Parish, State
Lea County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other Cement work
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 recompletion 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.)

Devon Energy Production Company respectfully request to be allowed to complete a post completion intervention for cement tie-back repair. We suggest the action be taken after the stimulation load has been recovered due to this well being a shale producer and they can incur formation damage due to shut-in's with significant frac water yet to be recovered. The optimum time we would like to perform this action would be when we pull the test ESP to put the well on rod pump.

Please see the attached detailed proposed procedure:

Thank you for your help and understanding with this matter.

Run CBL and submit to BLM after remediation.

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

Title Regulatory Analyst

Signature Spence Laird

Date 07/20/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

APPROVED
SEP 1 2011
/s/ Chris Walls
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Approved by

PETROLEUM ENGINEER
Title

SEP 06 20
Date

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 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)

SEP 06 2011

Ichabod 7 Federal 1H - Cement tie-back procedure

- Notify BLM of pending RU date.
- MI well service unit.
- ND wellhead. NU BOPE.Test BOPE to Devon specifications.
- Pull test ESP.
- TIH with tbg and RBP (retrievable bridge) and set @ ~ 5,800'.
- Load 5-1/2" csg and circ w/ 2% KCL.
- Test RBP and 5-1/2" csg to 1,000 psi.TOH w/ tbg.
- RU WL w/ full lubricator. Test lubricator to Devon specifications.
- RU Pumping Services to 9-5/8" by 5-1/2" csg annulus. Test lines.
- Place 1,000 psi on 5-1/2" csg.
- Perform pump in test and establish a pump in rate down 9-5/8" by 5-1/2" csg annulus.
- Inject tracer material down 9-5/8" by 5-1/2" csg annulus.
- While pumping tracer material down 9-5/8" by 5-1/2" annulus, chase & log the tracer material down the 5-1/2" csg to determine lower most injection interval below the 9-5/8" csg shoe and behind the 5-1/2" csg.
- Calc the cement volume to the depth of the tracer entry with a minimum of 1,000' of tie-back up inside the 9-5/8" by 5-1/2" csg annulus.
- RU Cement Service Co.& Test lines.
- Perform a secondary "braiden head" cement job down 9-5/8" by 5-1/2" csg and 5-1/2" by "open hole" annulus per Service Co. recommendations. Maximum downhole calc. pressure not to exceed is the lesser of 80% of collapse of 5-1/2" csg or burst of 9-5/8" csg. Preliminary cement volume to be pumped is estimated @ ~ 250 sks of 60/40 Poz Mix Class C cement w/LCM;1.37 yield and 13.8 ppg. This estimated volume is calculated to tie - back to at least 1,000' inside the 9-5/8" by 5-1/2" csg annulus above 9-5/8" csg shoe @ 5,392' KBM.
- WOC a minimum of 48 hrs.
- Test 9-5/8" by 5-1/2" csg annulus to 1,000 psi at surface.
- TIH with tbg and retrieve RBP and TOH.
- Run tubing and rods to ~ 9,100'.
- Place well on rod pump for production.