

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Hobbs

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  
Occidental Permian Limited Partnership3a. Address  
P.O. Box 50250 Midland, TX 797103b. Phone No. (include area code)  
432-685-5717

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

SL- 470 FNL 660FEL NENE(1A) Sec 21 T19S R32E  
PBH- 330 FSL 660FEL SESE(P) " " "

5. Lease Serial No.

NMCC 0065710

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Amoco 21 Federal #1H

9. API Well No.

30-085-40753

10. Field and Pool, or Exploratory Area

Lusk Bone Spring E.

11. County or Parish, State

Lea NM

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 type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 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 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.)

Occidental Permian LP respectfully requests to amend the intermediate cementing job for the Amoco 21 Federal #1H, API No. 30-015-39447 due to losses in the Capitan Reef with the attached changes.

SEE ATTACHED FOR  
CONDITIONS OF APPROVALSEE ATTACHED FOR  
CONDITIONS OF APPROVAL14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

David Stewart

Title Regulatory Advisor

Signature

Date

10/26/12

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

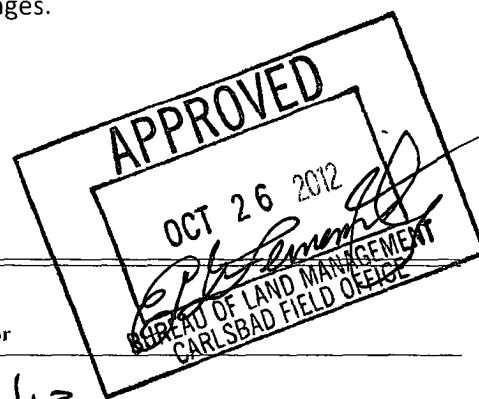
Date

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)



11/9/2012

**Attachment 3160-5**  
**Occidental Permian LP**  
**Amoco 21 Federal #1H**

- Change to a two stage cement job (packer with a DV tool above)

Interval	Amount sx	Ft of Fill	Type	Gal/Sk	PPG	Ft <sup>3</sup> /sk	24 Hr Comp
<b>Intermediate (TOC: 2710') ) 1<sup>st</sup> Stage</b>							
<b>Lead:</b> 2710' – 3900' (150% Excess)	550	1190	Light Premium Plus Cement with 5% Salt + 5 lb/sk Kol-Seal (Lost Circulation Additive) + 0.125 lb/sk Poly-E-Flake (Lost Circulation Additive) + 0.35% HR- 800 (Retarder)	9.88	12.9	1.91	660 psi
<b>Tail:</b> 3900' – 4500' (150% Excess)	370	600	Premium Plus cement with 0.5% WellLife 734 (Cement Enhancer)	6.36	14.8	1.33	1586 psi
<b><u>Packer w/ DV Tool @ 2710'</u></b>							
<b>Intermediate (TOC: 0') ) 2<sup>nd</sup> Stage</b>							
<b>Lead:</b> 0' – 2437' (10% Excess)	500	2437	Light Premium Plus Cement with 5% Salt + 5 lb/sk Kol-Seal (Lost Circulation Additive) + 0.125 lb/sk Poly-E-Flake (Lost Circulation Additive) + 0.35% HR- 800 (Retarder)	9.88	12.9	1.91	660 psi
<b>Tail:</b> 2437' – 2710' (10% Excess)	100	273	Premium Plus cement	6.34	14.8	1.33	1883 psi

## CONDITIONS OF APPROVAL

SUNDRY 10/26/2012

OPERATOR'S NAME:	OCCIDENTAL PERMIAN, LP
LEASE NO.:	NMLC065710
WELL NAME & NO.:	1H-AMOCO 21 FEDERAL
SURFACE HOLE FOOTAGE:	0470'/N. & 0660'/E.
BOTTOM HOLE FOOTAGE	0330'/S. & 0660'/W.
LOCATION:	Section 21, T. 19 S., R. 32 E., NMPM
COUNTY:	Lea County, New Mexico

Original COA still applies with the following changes

1. The minimum required fill of cement behind the 9-5/8 inch intermediate casing is:  
(Set casing in the base of the reef at approximately 4500')

**Operator is to submit sundry if DV tool and/or ECP depth varies by more than 100' from approved depth.**

- a. First stage to DV tool:

☒ Cement to circulate. If cement does not circulate, contact the appropriate BLM office before proceeding with second stage cement job. Operator should have plans as to how they will achieve circulation on the next stage.

- b. Second stage above DV tool:

☒ Cement to surface. If cement does not circulate, contact the appropriate BLM office. **Additional cement shall be required – excess calculates to 14%.**

**EGF 102612**