

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD #HOBS OCD

FORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2014

DEC 06 2012

Lease Serial No.  
NMNM-90161

**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.**

RECEIVED

**SUBMIT IN TRIPLICATE - Other instructions on page 2.**

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator  
Apache Corporation (873)

3a. Address  
303 Veterans Airpark Lane, Suite 3000  
Midland, TX 79705

3b. Phone No. (include area code)  
432/818-1062

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

2310' FSL & 2150' FWL UL K Sec 8 T21S R37E

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
Hawk Federal B-1 #070 (24427)

9. API Well No.  
30-025-40678

10. Field and Pool or Exploratory Area  
Wantz; Abo (67200)

11. County 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			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" 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 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 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.)

Apache completed this well, as follows:

- 10/10/2012 MIRUSU & Rev Unit
- 10/11/2012 RIH w/tbg (2-7/8" J-55 6.5#) to PBTD @ 7253'.
- 10/12/2012 Log - ETOC @ 170'. Perf Lower Abo @ 7087', 89', 7107', 09', 13', 33', 53', 55', 57', 63', 74' w/2 SPF, 22 holes.
- 10/15/2012 Acidize Lower Abo w/4200 gal 20% FEAS2X Anti-Sludge.
- 10/16/2012 Swab
- 10/17/2012 Perf Middle Abo @ 6975', 77', 79', 81', 83', 85', 90', 93', 95', 97', 99', 7001', 03', 05', 07', 09', 14', 18', 23', 25', 32', 37', 39', 41', 43' w/1 SPF, 25 holes. Acidize Mid Abo w/8988 gal 20% FEAS2X Anti-Sludge.
- 10/18/2012 Swab
- 10/19/2012 PUH to 6965' & set RBP. Perf Upper Abo @ 6928'-38' w/4 SPF, 44 holes.
- 10/22/2012 Acidize Upper Abo w/10,000 gal 20% FEAS2X Anti-Sludge. PUH & set packer @ 6858'.
- 10/23/2012 Hook up well to flowline and POP.

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

Reesa Holland

Title Sr. Staff Reg Tech

Signature

*Reesa Holland*

Date 11/20/2012

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

DEC 2 2012

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.

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)

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

Petroleum Engineer

DEC 10 2012

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