

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
HOBBS OCD  
OCD Hobbs  
MAY 20 2013

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

**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.**

5. Lease Serial No.  
NMNM 01135

6. If Indian, Allottee or Tribe Name

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

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

1. Type of Well

Oil Well     Gas Well     Other

8. Well Name and No.  
Lusk 34 Federal #1H (39355)

2. Name of Operator  
Apache Corporation (873)

9. API Well No.  
30-025-40797

3a. Address  
303 Veterans Airpark Ln., Ste 3000  
Midland, TX 79705

3b. Phone No. (include area code)  
(432) 818-1015

10. Field and Pool or Exploratory Area  
Lusk; Bone Spring, South (41460)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SL: 490' FNL & 360' FWL UL:D Sec:34 T:19S R:32E  
BHL: 293' FSL & 673' FWL

11. County or Parish, State  
Lea, 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 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 must 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 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.)

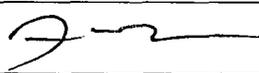
Apache completed this horizontal well as follows:

- 01/03/13 MIRUSU. Log TOC @ 310'.
  - 01/29/13 Set CBP @ 13,734'. Stage 1 - Perf Bone Springs Formation @ 13,459'-62', 13,569'-72', 13,679'-82', w/ 5 SPF, 45 holes. Frac w/ 260 bbl 15% HCL 188,000# sand (40/70 & 20/40), 3828 bbl 15# XL, & 337 bbl 10# linear gel.
  - 01/30/13 Set CBP @ 13,404'. Stage 2 - Perf Bone Springs Formation @ 13,125'-28', 13,239'-42', 13,349'-52', w/ 5 SPF, 45 holes. Frac w/ 237 bbl 15% HCL & 195,500# sand (40/70 & 20/40), & 364 bbl 10# linear gel.
  - Set CBP @ 13,074'. Stage 3 - Perf Bone Springs Formation @ 12,799'-802', 12,909'-12', 13,019'-22', w/ 5 SPF, 45 holes. Frac w/ 228 bbl 15% HCL & 180,500# sand (40/70 & 20/40).
  - Set CBP @ 12,744'. Stage 4 - Perf Bone Springs Formation @ 12,469'-72', 12,579'-82', 12,689'-92', w/ 5 SPF, 45 holes. Frac w/ 198 bbl 15% HCL & 190,482# sand (40/70 & 20/40).
  - Set CBP @ 12,414'. Stage 5 - Perf Bone Springs Formation @ 12,139'-42', 12,249'-52', 12,359'-62', w/ 5 SPF, 45 holes. Frac w/ 181 bbl 15% HCL & 193,356# sand (40/70 & 20/40).
  - Set CBP @ 12,084'. Stage 6 - Perf Bone Springs Formation @ 11,809'-12', 11,919'-22', 12,029'-32', w/ 5 SPF, 45 holes. Frac w/ 176 bbl 15% HCL & 189,000# sand (40/70 & 20/40).
  - Set CBP @ 11,754'. Stage 7 - Perf Bone Springs Formation @ 11,479'-82', 11,589'-92', 11,699'-702', w/ 5 SPF, 45 holes. Frac w/ 299 bbl 15% HCL & 183,961# sand (40/70 & 20/40).
  - Set CBP @ 11,424'. Stage 8 - Perf Bone Springs Formation @ 11,149'-52', 11,259'-62', 11,363'-66' w/ 5 SPF, 45 holes. Frac w/ 164 bbl 15% HCL & 189,698# sand (40/70 & 20/40).
- (Continued to pg. 2)

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

Title Regulatory Tech I

Signature



Date 04/24/2013

**ACCEPTED FOR RECORD**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Office

**MAY 15 2013**

Date

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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)

**JUN 19 2013**

**Lusk 34 Federal #1H**  
**API #30-025-40797**  
**Apache Corp. (873)**

Completion continued.

- 02/02/13 Set CBP @ 11,094'. Stage 9 - Perf Bone Springs Formation @ 10,819'-22', 10,929'-32', 11,039'-42', w/ 5 SPF, 45 holes. Frac w/ 181 bbl 15% HCL & 183,114# sand (40/70 & 20/40).  
Set CBP @ 10,764'. Stage 10 - Perf Bone Springs Formation @ 10,489'-92', 10,599'-602', 10,709'-12', w/ 5 SPF, 45 holes. Frac w/ 212 bbl 15% HCL & 135,000# sand (40/70 & 20/40).  
Set CBP @ 10,428'. Stage 11 - Perf Bone Springs Formation @ 9,889'-92', 10,089'-92', 10,289'-92', w/ 5 SPF, 45 holes. Frac w/ 585 bbl 15% HCL & 262,500# sand (40/70 & 20/40).
- 02/21/13 DO ten CBPs @ 10,428', 10,764', 11,094', 11,424', 11,754', 12,084', 12,414', 12,744', 13,074', 13,404'. Clean out well to PBTD @ 13,734'.
- 03/01/13 MIRUSU. Remove frac valve & install wellhead spool.
- 03/04/13 Deliver gas mandrels & packer. Shut down due to high winds.
- 03/05/13 RIH w/ 2-7/8" 6.5# L80 8RD EUE prod tbg. Set packer @ 9102'. Flowing well.