Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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.

5. Lease Serial No.
NMLC029395B

6. If Indian, Allottee or Tribe Name

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

1. Type of Well	8. Well Name and No.
☒ Oil Well ☐ Gas Well ☐ Other	LEE FEDERAL 77

2. Name of Operator Contact: EMILY FOLLIS	9. API Well No.
APACHE CORPORATION E-Mail: emily.follis@apachecorp.com	30-015-42401

3a. Address	3b. Phone No. (include area code)	10. Field and Pool, or Exploratory
303 VETERANS AIRPARK LANE #3000 MIDLAND, TX 79705	Ph: 432-818-1801	GLORIETA-YESO<96831>

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	11. County or Parish, and State
Sec 20 T17S R31E NWSW 1550FSL 970FWL	EDDY COUNTY COUNTY, NM

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

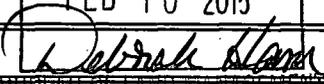| TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☒ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
☐ Final Abandonment Notice	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Production Start-up
	☐ 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 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.)

SEE ATTACHED 3160-5 FOR THE LEE FEDERAL #77

Accepted for record
NMOCD
2/17/15

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #285331 verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 01/29/2015

ACCEPTED FOR RECORD

Name(Printed/Typed) EMILY FOLLIS	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 12/16/2014

FEB 10 2015

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By	Title
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.

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

APACHE HAS COMPLETED THIS WELL AS FOLLOWS:

Lee Federal 77D – SUNDRY 3160-5

09/15/2014 RIG DOWN

10/09/2014 LOG FROM PBTD @ 6411' TO SF. FOUND GOOD CMT ACROSS ALL PAY INTERVALS. TOC @ 115'. POOH W/ LOGGING TOOLS. PU & RIH W/ 3-1/8" PERF GUNS & PERF Blinebry/Tubb zone @@ 5841, 66, 92, 5904, 14, 33, 47, 67, 95, 6024, 40, 59, 81, 6105, 36,59, 78, 97, 6228 & 50'. (1 JSPF) (20 holes) . POOH W/ PERF GUNS & RDMO WL.PREP TO ACIDIZE LOWER BLINEBRY ZONE @ LATER

10/14/2014 PERFS & ACIDIZE LOWER BLINEBRY ZONE 5841'-6250'

10/27/2014 STAGE 1: RU BAKER FRAC Blinebry/Tubb zone @ 5841, 66, 92, 5904, 14, 33, 47, 67, 95, 6024, 40, 59, 81, 6105, 36, 59, 78, 97, 6228 & 50'. (1 JSPF) (20 holes). PUMP 129,819# 16/30 BROWN, 40,737# 16/30 SIBER PROP. SPOT 1050 GAL 15% HCL, TOTAL PROP = 170,556#,STAGE 2:SET CBP @ 5,830' PERF THE Blinebry @ 5286, 5316, 43, 65, 82, 5404, 39, 54, 72, 5500, 17, 37, 52, 75, 5600, 21, 40, 64, 83, 5700, 20, 40, 71 & 5800'. (1 JSPF) (24 holes).STAGE 2PUMP 3,486 GAL 15% HCL

10/28/2014 STAGE 2.FRAC Blinebry @ 5286, 5316, 43, 65, 82, 5404, 39, 54, 72, 5500, 17, 37, 52, 75, 5600, 21, 40, 64, 83, 5700, 20, 40, 71 & 5800'.PUMP -162,110# 16/30 BROWN, 30,211# 16/30 SIBER PROP. SPOT 1050 GAL 15% HCL, TOTAL PROP = 192,321#,STAGE 3:SET CBP @ 5,260' PERF Paddock/Glorieta @ 4643, 64, 80, 95, 4716, 42, 65, 84, 4813, 29, 58, 80, 4900, 21, 38, 57, 64, 95, 5020, 47, 62, 85, 5108, 26, 42, 72, 98 & 5215'. (1 JSPF) (28 holes)STAGE 3 ACID JOB PUMP 3,906 GAL 15% HCL STAGE 3. FRAC PADDOCK @ 4643-5215 PUMP -168,686# 16/30 BROWN, 47,145# 16/30 siber prop. total prop+215,831

11/05/2014 2-7/8" J-55 TBG. @ 5100'. POOH W/ TBG & BIT TO ABOVE PERFS. MIRU FOAM AIR UNIT. DO CBPs & CO WELL TO PBTD.

11/06/2014 POOH W/ TBG & BIT. RIH W/ PROD EQUIP MIRU AIR FOAM UNIT. CIRC HOLE CLEAN TO PBTD PBTD @ 6440'.

11/07/2014 139 JTS OF 2-7/8" J-55 TBG. ETD @ 6400.22' RKB. SN @ 6310.15' RKB

11/10/2014 PREP TO RIH W/ PUMP & RODS

11/11/2014 AMPSCOT 640-365-168 PUMPING UNIT