

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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.
NMLC-0029395B

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.
Lee Federal #41 (308720)

2. Name of Operator
Apache Corporation (873)

9. API Well No.
30-015-39611

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
Cedar Lake; Glorieta-Yeso (96831)

4. Location of Well (Footage, Sec., T, R, M., or Survey Description)
1700' FNL & 460' FWL UL'E, Sec 20, T:17S, R 31E

11. County or Parish, State
Eddy 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 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 checked="" type="checkbox"/> Other <u>Completion</u>
	<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 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:

4/30/12 Annulus test between 5-1/2" string and 8-5/8" string. (See calibrated chart.)

5/09/12 Spotted 700 gals 10% acetic acid.

5/10/12 MIRU & PU WL. Perf Lower Blinbry @ 5708', 19', 34', 50', 67', 88', 5802', 15', 25', 46', 67', 86', 5908', 20', 29', 41', 55', 62', 84', 91', 6005', 25', 51', 63', 69', 6133', 37', 55', 62', 79', 6201', 36', 65', 6307', w/ 1 SPF, 34 holes.

6/14/12 Acidize w/ 5292 gals 15% HCL. Frac w/ 153,720 gals 20# & 179,964# 16/30 sand. Spot 1176 gals 15% HCL & flush w/ 4368 gals 20# linear gel. CBP @ 5650'. Perf Upper Blinbry @ 5170', 90', 5215', 30', 62', 85', 5303', 20', 35', 54', 79', 92', 5400', 10', 36', 49', 71', 91', 5511', 25', 43', 58', 89', 96', w/1 SPF, 24 holes. Acidize w/ 1780 gals 15% HCL. Frac w/ 160,481 gals 20# & 200,000# 16/30 sand. Spot 1000 gals 15% HCL & flush w/ 2880 gals 20# linear gel. CBP @ 5100' Perf Paddock/Glorieta @ 4534', 58', 86', 4605', 20', 30', 47', 62', 95', 4706', 18', 32', 41', 60', 75', 89', 4808', 21', 45', 59', 79' 91', 4910', 20', 37', 50', 66', 79', 5003', w/ 1 SPF, 29 holes. Acidize w/ 2600 gals 15% HCL. Frac w/ 166,908 gals 20# & 210,000# 16/30 sand. Flush w/ 4410 gals 20# linear gel.

6/18/12 MIRUSU & rev unit. Rack pipe. PU & RIH w/ bit, DC, & tbg.

6/19/12 RIH w/ tbg. DO CBP @ 5100' & 5650'. Circ hole clean to PBTD @ 6365'.

6/20/12 POOH & LD tbg & bit.

7/26/12 MIRU WL. Run csg inspection log. (See attached.)

7/30/12 RIH w/ prod tbg. SN @ 6266'. RIH w/ pump & rods.

7/31/12 Load SF csg & test tank w/ pkr fluid. Clean loc. RDMOSU.

8/01/12 Set 640 pumping unit. Start prod to Lee Federal Battery.

7/25/12 MIRUSU. ND wellhead. NU BOP.

7/27/12 RIH w/ tbg & bailer. CO well to PBTD.

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

RECEIVED

SEP 18 2012

NMOCD ARTESIA

Title Regulatory Tech I

Accepted for record
NMOCD

Signature

Date 08/30/2012

ACCEPTED FOR RECORD

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

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE