

UNITED STATES **OPERATOR'S COPY**
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No 1004-0137
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.

5. Lease Serial No.
NMLC-0029395B

RECEIVED

6. If Indian, Allottee or Tribe Name

MAR 16 2012

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

MAJCO ARTESIA

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 LN, STE 3000; MIDLAND, TX 79705

3b. Phone No. (include area code)
432-818-1906

8. Well Name and No
LEE FEDERAL 042

9. API Well No.
30 015 39223

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

O 17 17S T31E R31E; 42S FSL 218S FEL

10. Field and Pool or Exploratory Area
CEDAR LAKE; GLORIETA-YESO (96831)

11. Country or Parish, State
EDDY COUNTY, NEW MEXICO

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 COMPLETION
	<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 HAS COMPLETED THE LEE FEDERAL 042 PER FOLLOWING PROCEDURE:

8-26-2011: DO DV TOOL. RIH W/ 3-1/8" PERF GUNS PERF LOWER BLINEBRY ON TWO RUNS @

5727', 50', 75', 86', 94', 5816', 22', 32', 48', 62', 68', 92', 5902', 08', 22', 29', 44', 50', 64', 84', 94', 6002', 28', 45', 63', 82', 98', W/ 1 SPF 27 HOLES. ACIDIZE WELL W/ 3500 GAL 15% NEFE HCL W/ 60 BALL SEALERS.

9-06-2011: LOWER BLINEBRY FRAC. PUMP 22,306 GALS 20# PAD. PUMP 108,529 GALS 20# W/ 164.7K # 16/30 BRWN SD, 41.6K 16/30 SIBERPROP, PUMP 4,569 GALS 20# LINEAR GEL FLUSH. RIH W/ 3 1/8" GUNS & PERF UPPER 5173', 5188', 5210', 5229', 5255', 5280', 5292', 5300', 5310', 5326', 5348', 5367', 5384', 5408', 5421', 5450', 5467', 5487', 5507', 5515', 5531', 5558', 5566', 5588', 5610'. W/ 1 JSPF, 25 HOLES. ACIDIZE W/ 4016 GALS 15% HCL DROP 50 BIOBALLS.

9-07-2011: UPPER BLINEBRY FRAC: PUMP 24,066 GALS 20# PAD. PUMP 143,773 GALS 20# W/172.5K# 16/30 BROWN SD, 42K LBS SIBERPROP, PUMP 3,956 GALS 20# LINEAR GEL FLUSH. RIH W/ 3 1/8" GUNS & PERF PADDOCK @4594', 4607', 21,29,45,62,68,87,4706,21,32,40,48,65,4771,85,4815,4827', 4840', 4856', 4877', 4893', 4897', 4908', @4594', 4607', 4621', 4629', 4645', 4662', 4668', 4687', 4706', 4721', 4732', 4740', 4748', 4765', 4771', 4785', 4815', 4827', 4840', 4856', 4877', 4893', 4897', 4908', 4930', 4944', 4954', 4965', 4978', 4994', 5006'. W/1 JSPF, 31 HOLES. ACIDIZE W/ 3000 GALS 15% HCL DROP 62 BALLS. PADDOCK FRAC. PMP 22,176g 20# PAD, PMP 129,329g 20# W/162.5K LBS 16/30 BRWN SD. 35.3K LBS SIBERPROP, 4,368g 10# LINEAR GEL FLUSH.

9-13-2011: DO CIBP'S @ 5085', 5675', PBDT @ 6381'.

9-15-2011: RIH W/ PURGE VALVE, 2- JTS. 2 7/8" TBG, DESANDER, 4' X 2 7/8" TBG SUB, 2 3/8" SN @ 6151.53', 2 7/8" BLAST JT, 48 JTS 2 7/8" TBG, TAC @ 4552.77' & 147 JTS 2-7/8" TBG ETD @ 6238.25'.

9-27-2011: WELL PRODUCING.

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

BEV HATFIELD

Title SR. STAFF ENGINEERING TECH

Signature

Date 10/13/2011

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

OCT 26 2011
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)

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Apache Corp.

GROUP: Permian North
FIELD: Loco Hills
LEASE/UNIT: Lee Federal
COUNTY: Eddy
API NUMBER: 30-015-39223

DATE: Oct. 03, 2011
BY: SNH
WELL: #42
STATE: New Mexico

KB = 13'
GL = 3690'

