

# NM OIL CONSERVATION

ARTESIA DISTRICT

Form C-104

State of New Mexico  
Energy, Minerals & Natural Resources

Revised August 1, 2011

OCT 07 2015

Submit one copy to appropriate District Office

RECEIVED ☐ AMENDED REPORT

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

## I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland TX 79705		<sup>2</sup> OGRID Number 873
		<sup>3</sup> Reason for Filing Code/ Effective Date NW / 09/18/2015
<sup>4</sup> API Number 30-015-42908	<sup>5</sup> Pool Name Cedar Lake; Glorieta-Yeso	<sup>6</sup> Pool Code 96831
<sup>7</sup> Property Code 308724	<sup>8</sup> Property Name NFE Federal Com	<sup>9</sup> Well Number 053

## II. <sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
1	6	17-S	31-E		460	North	1025	East	Eddy

## <sup>11</sup> Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	5	17-S	31-E		476	North	331.5	East	Eddy

<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 09/18/2015	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date
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## III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
221115	Frontier Field Services LLC 4200 East Skelly Drive Suite 700 Tulsa OK 74135	G
252293	Holly Energy Pipeline 311 W Quay / PO Box 1360 Artesia NM 88210	O

## IV. Well Completion Data

<sup>21</sup> Spud Date 05/07/2015	<sup>22</sup> Ready Date 09/18/2015	<sup>23</sup> TD 10,637	<sup>24</sup> PBTD 10,637	<sup>25</sup> Perforations 5,196-10,620	<sup>26</sup> DHIC, MC
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
17.5	13.375	400	470 sx Class C		
12.25	9.625	3500	1400 sx Class C		
8.5	7 / 5.5	4336 / 10620	600 sx Class C		
Tubing	2.875	4587			

## V. Well Test Data

<sup>31</sup> Date New Oil 09/18/2015	<sup>32</sup> Gas Delivery Date 09/18/2015	<sup>33</sup> Test Date 09/24/2015	<sup>34</sup> Test Length 24 hrs	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure
<sup>37</sup> Choke Size	<sup>38</sup> Oil 452	<sup>39</sup> Water 2,385	<sup>40</sup> Gas 579		<sup>41</sup> Test Method P

<sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Isabel Hudson</i>		OIL CONSERVATION DIVISION Approved by: <i>MDade</i>	
Printed name: Isabel Hudson		Title: <i>Dir R. Seperson</i>	
Title: Reg Analyst		Approval Date: <i>10/14/2015</i>	
E-mail Address: Isabel.Hudson@apachecorp.com		Pending BLM approvals will subsequently be reviewed and scanned <i>LES</i>	
Date: 10/01/2015	Phone: 432-818-1142		

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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.*5. Lease Serial No.  
NMLC029435B

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**8. Well Name and No.  
NFE FEDERAL COM 53H9. API Well No.  
30-015-4290810. Field and Pool, or Exploratory  
CEDAR LAKE; GLORIETA-YESO11. County or Parish, and State  
EDDY COUNTY, NM

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
APACHE CORPContact: HUDSON ISABEL  
E-Mail: Isabel.Hudson@apachecorp.com3a. Address  
303 VETERANS AIRPARK LANE SUITE 1000  
MIDLAND, TX 797053b. Phone No. (include area code)  
Ph: 432.818.1142

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

Sec 6 T17S R31E NENE 460FNL 1025FEL

## 12. CHECK 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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Production Start-up
	<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 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.)

Apache completed this well, as follows: (RR 5/25/2015)

7/08/2015 Log - TOC @60'. SI - WO frac

7/20/2015 MIRUSU &amp; REV Unit, RIH w/bit &amp; tbg.

7/21/2015 DO DV Tool @ 4333'; CO

7/23-24/2015 RU Elite to frac 3500'-5196' isolated w/csg &amp; pkrs @ 4661' &amp; 5196', not treated/frac'd; not produced.

Frac 5196'-10,620' (TD 10,637')

Packers @ 5196', 5453', 5749', 6015', 6280', 6546', 6848', 7112', 7375', 7673', 7941', 8206', 8505', 8770', 9029', 9331', 9593', 9856', 10,161', 10,420', 10,620' (20 Stages)

Total Acid Volume = 3474 BBLS

Total Slickwater Volume = 85,980 BBLS

Total Sand = 3,964,732#

**NM OIL CONSERVATION**

ARTESIA DISTRICT

OCT 07 2015

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

**Electronic Submission #318492 verified by the BLM Well Information System  
For APACHE CORP, sent to the Carlsbad**

Name (Printed/Typed) HUDSON ISABEL

Title REG ANALYST

Signature (Electronic Submission)

Date 10/02/2015

**THIS SPACE FOR FEDERAL OR STATE**Pending BLM approvals will  
subsequently be reviewed  
and scanned  
LD

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 \*\***

**Additional data for EC transaction #318492 that would not fit on the form**

**32. Additional remarks, continued**

7/25/2015 RDMO FRAC

7/26/2015 RIH w/production equipment

7/27/2015 RIH w/ESP; motor set @ 4224', intake @ 4201'. Install electric & start producing to battery.

Release, POOH & LD pkr; Set Desander @ 4257', ESP @ 4142', EOT @ 4587'

**\*\*NOTE:** Gaps in dates are due to pad drilling processes and surrounding area water issues, which delay completion operations.

WELL NAME: NFE FEDERAL COM 53H  
API: 39-015-42908  
SPUD DATE: 5/7/2015  
PRODUCING FORMATION: YESO PADDOCK  
FIELD: CEDAR LAKE (BP)  
COUNTY: EDDY  
STATE: NEW MEXICO  
WORKING INTEREST: 80.00%

SURFACE LOC: 480' FNL & 1025' FEL

SECTION: 8

TOWNSHIP: 17-S

RANGE: 31-E

SURVEY: JOHN WEST SURVEYING CO

SECTION: 5

TOWNSHIP: 17-S

RANGE: 31-E

SURVEY: JOHN WEST SURVEYING CO

RIG RELEASE: 5/25/2015

KB (ft): 3,779.00

GL (ft): 3,768.00

KB/G.L. DIFF (ft): 11.00

TMD (ft): 10,637.00

TD OF PILOT HOLE (ft): N/A

FC DEPTH (ft): 10,611.00

PBMD (ft): 10,637.00

RDV DEPTH (ft): N/A

ORIO VALVE (ft): N/A

DEEPEST TVD (ft): 4,922.00

TAPERED CASING STRING:

7" 29# L-80 TO X-OVER @ 4,336'  
TAPERING TO 5.5" 20# L-80 SET @ 10,620'

KOP (ft): 4,347  
LATERAL LENGTH (ft): 5,415  
TD OF PILOT HOLE (ft): N/A

COMPLETION:

STIMULATION:

STATUS:

LAST UPDATED BY: HILLARI GOULD

LAST UPDATED: 10/1/2015

COMMENTS:

CROSSOVER SUB @ 4,335'

PACKERS & SLEEVES - 20 STAGES

TOTAL ACID (gal)	TOTAL LTR (bbl)	TOTAL PROPANT (lbs)	MAX WH RATE (bpm)	MAX WH PRESSURE (psi)
3,474	89,454	3,964,732	96.00	6,695

PRODUCTION METHOD	LIFT TYPE	SETTING DEPTH
Pumping	ESP	0

PACKERS & SLEEVES  
TOP PERF (MD): 5,198  
BOTTOM PERF (MD): 10,611

TMD (ft): 10,637  
FC DEPTH (ft): 10,611  
PBMD (ft): 10,637  
RDV DEPTH (ft): N/A  
ORIO VALVE (ft): N/A

