

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

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

II. ¹⁰Surface 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

¹¹ 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

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

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ 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

²¹ Spud Date 05/07/2015	²² Ready Date 09/18/2015	²³ TD 10,637	²⁴ PBTD 10,637	²⁵ Perforations 5,196-10,620	²⁶ DHIC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ 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

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

⁴² 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>AD Wade</i>	Title: <i>Dist R Supervisor</i>
	Title: Reg Analyst	Approval Date: <i>10/14/2015</i>
	Pending BLM approvals will subsequently be reviewed and scanned <i>LED</i>	
E-mail Address: Isabel.Hudson@apachecorp.com	Date: 10/01/2015	Phone: 432-818-1142

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

5. Lease Serial No.
NMLC029435B

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
NFE FEDERAL COM 53H

9. API Well No.
30-015-42908

10. Field and Pool, or Exploratory
CEDAR LAKE; GLORIETA-YESO

11. County or Parish, and State
EDDY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
APACHE CORP

Contact: HUDSON ISABEL
E-Mail: Isabel.Hudson@apachecorp.com

3a. Address
303 VETERANS AIRPARK LANE SUITE 1000
MIDLAND, TX 79705

3b. 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 Production Start-up
	<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 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.)

Apache completed this well, as follows: (RR 5/25/2015)
7/08/2015 Log - TOC @60'. SI - WO frac
7/20/2015 MIRUSU & REV Unit, RIH w/bit & tbg.
7/21/2015 DO DV Tool @ 4333'; CO
7/23-24/2015 RU Elite to frac 3500'-5196' isolated w/csg & pkrs @ 4661' & 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#

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ARTESIA DISTRICT
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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.

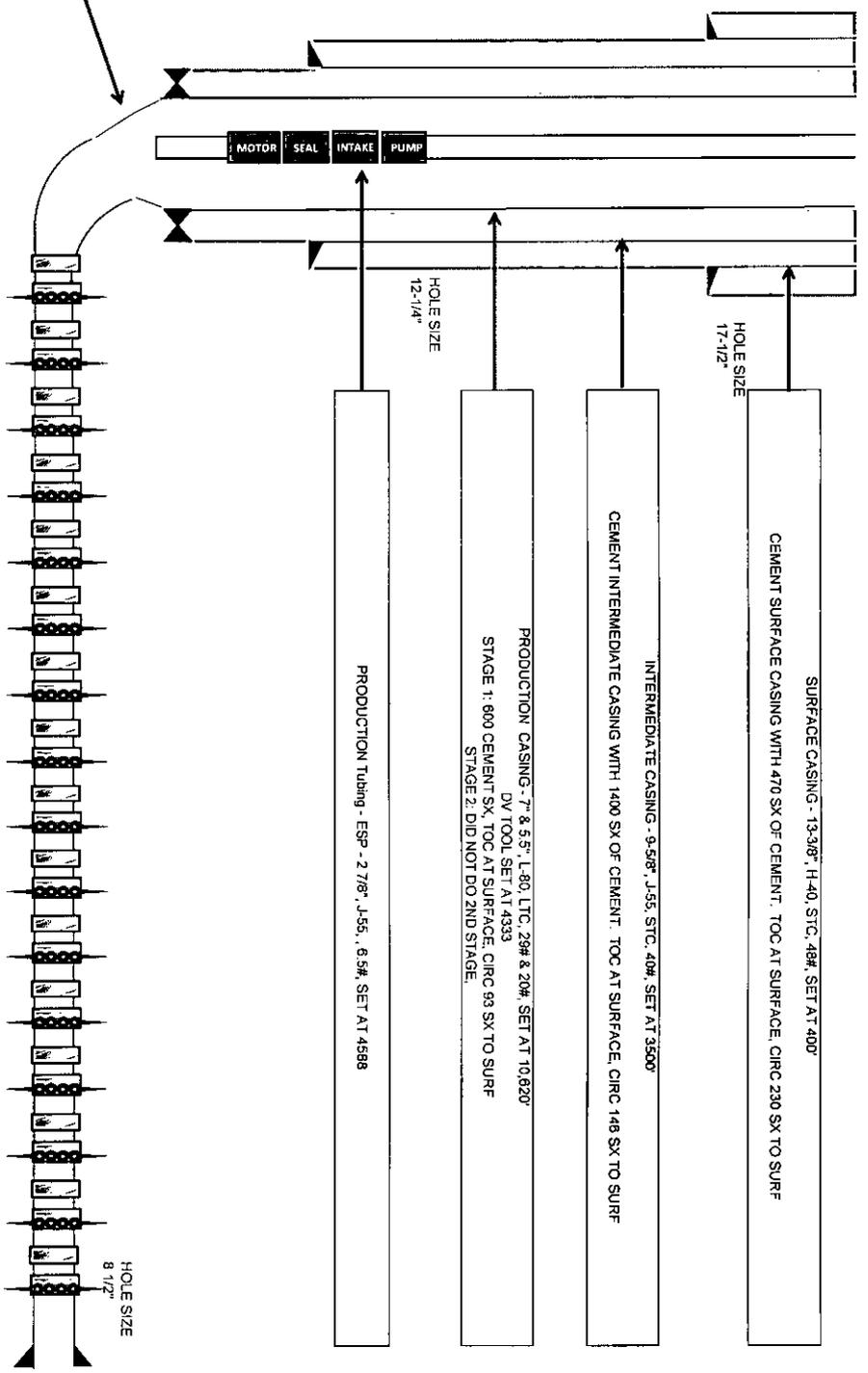
WELL NAME: NFE FEDERAL COM 53H
 API: 39-015-42908
 SPUD DATE: 5/7/2015
 PRODUCING FORMATION: YESO PADDOCK
 FIELD: CEDAR LAKE (BP)
 COUNTY: EDDY
 STATE: NEW MEXICO
 WORKING INTEREST: 80.00%

SURFACE LOC: 480' FNL & 1025' FEL
 SECTION: 8
 TOWNSHIP: 17-S
 RANGE: 31-E
 SURVEY: JOHN WEST SURVEYING CO
 BOTTOM HOLE LOC: 478' FNL & 332' FEL
 SECTION: 5
 TOWNSHIP: 17-S
 RANGE: 31-E
 SURVEY: JOHN WEST SURVEYING CO
 DRILL RIG: CAPSTAR 114
 RIG RELEASE: 5/25/2015

KB (ft): 3,779.00
 GL (ft): 3,768.00
 KB/GAL 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



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

COMPLETION: PACKERS & SLEEVES - 20 STAGES

TOTAL ACID (gal)	3,474	TOTAL LIQ (bbl)	89,454	TOTAL PROPANT (lbs)	3,984,732	MAX WH RATE (bpm)	96.00	MAX WH PRESSURE (psf)	6,685
PRODUCTION METHOD	Pumping	LIFT TYPE	ESP	SETTING DEPTH	0				

COMMENTS: CROSSOVER SUB @ 4,335'

LAST UPDATED BY: HILLARI GOULD
 LAST UPDATED: 10/1/2015