

UNITED STATES **NMOC-ARTESIA**  
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 and**  
**Abandoned well. Use Form 3160-3 (APD) for such proposals**

**SUBMIT IN TRIPLICATE** – Other instructions on page 2.

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
**APACHE CORPORATION <873>**

3. Address  
**303 VETERANS AIRPARK LN, #3000  
MIDLAND, TX 79705**

3b. Phone No. (include area Code)  
**432-818-1117 / 432-818-1198**

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

**1120' FSL & 1345' FEL, SEC 18, T17S, R31E, NMPM**

5. Lease Serial No.

**NMLC029395A**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**TONY FEDERAL 034**

9. API Well No.  
**30-015-39342**

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

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**

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other

**DRILLING OPS:**

**CASING & CEMENT**

**REPORT**

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 directional or recompleting horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attached 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 recompleting 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

Bond No: BLM-CO-1463

9/21/2011 – SPUD

Accepted for record  
NMOC

DEC 02 2011

RECEIVED

NOV 15 2011

NMOC ARTESIA

9/22/2011 - 13-3/8" Surface: Run 13-3/8" 48# J-55 STC csg to 370'. Cmt with:

Lead: 200 sx Class C w/ 1% CaCl<sub>2</sub>, 0.25% R38 (14.4 wt, 1.56 yld) Tail: 400 sx Class C (14.8 wt, 1.34 yld)

Compressive Strengths: 12 hr – 813 psi 24 hr – 1205 psi Circ 0 sks cmt to surface.

9/23/2011 - Run 1" tbg down, 1" tag @ 130'. Pump down 1" tbg 5 batches of cmt (C w/ 4% CACL<sub>2</sub>) 3 hrs b/t batches: Pump 25 sks, no returns; Pump 50 sks, 12 bbls slurry; Pump 50 sks, 12 bbls slurry; Pump 50 sks, 12 bbls slurry; Pump 50 sks, 12 bbls slurry.

9/24/2011 - Pump down 1" tbg 6 batches of cmt (C w/ 4% CACL<sub>2</sub>), tag was 130' except for last two - 122' and 108'. Final stg brought cmt to surface but cmt falling in annulus. Pump 50 sks, 12 bbls slurry; Pump 50 sks, 12 bbls slurry; Pump 25 sks, 6 bbls slurry; Pump 25 sks, 6 bbls slurry; Pump 168 sks (C w/ 2% CACL<sub>2</sub>), 44 bbls slurry; circ 2 bbls cmt. 1" tag 20'. Pump 25 sks (C w/ 2% CACL<sub>2</sub>), circ 2 bbls cmt.

9/29/2011 - 8-5/8" Intermediate: Run 8-5/8" 32# J-55 STC csg @ 3525'.

9/30/2011 - Cmt with stage one:

Lead: 450 sx (35/65) Poz C w/ 4% Bentonite, 1% CaCl<sub>2</sub>, 0.25% R38 (12.8wt, 1.9 yld)

Compressive Strengths: 12 hr – 589 psi 24 hr – 947 psi

Tail: 100 sx (50/50) Poz C w/ 1% CaCl<sub>2</sub>, 0.25% R38 (14.2 wt, 1.33 yld)

Compressive Strengths: 12 hr – 813 psi 24 hr – 1205 psi Open DVT @ 1823'. Circ 46 sks cmt to surf.

Cmt with stage two:

Lead: 800 sx (50/50) Poz C (14.8 wt, 1.35 yld). Circ 53 sks cmt to surf.

ACCEPTED FOR RECORD

NOV 5 2011

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

10/4/2011 – Drl F/6137' – T/6416' TD. Rig Up Schlumberger Loggers.

10/5/2011 - 5-1/2" Production: Run & set 5-1/2" 17# J-55 LTC csg to 6416' Cmt with:

Lead: 300 sx (35/65) Poz C w/ 0.3% C12, 5% Salt, 0.25% R38 (12.4 wt, 2.10 yld)

Compressive Strengths: 12 hr – 1379 psi 24 hr – 2332 psi

Tail: 700 sx (50:50) Poz C w/ 5% Salt, 0.25% R38 (14.2 wt, 1.30 yld)

Compressive Strengths: 12 hr – 540 psi 24 hr – 866 psi

Circ 41 sks cmt to surf.

10/5/2011 - RR

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

Name (Printed/Typed)

VICKI BROWN

Title

DRILLING TECH

Signature

Date

10/31/2011

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.

(Instructions on page 2)

DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240  
DISTRICT II  
1301 W. GRAND AVENUE, ARTESIA, NM 88210  
DISTRICT III  
1000 RIO BRAZOS RD., AZTEC, NM 87410  
DISTRICT IV  
14885 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

Form C-102  
Revised July 16, 2010  
Submit to Appropriate  
District Office

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number <b>30-0-15-39342</b>	Pool Code <b>96831</b>	Pool Name <b>Cedar Lake; Glorieta Yeso</b>
Property Code <b>308738</b>	Property Name <b>TONY FEDERAL</b>	Well Number <b>034</b>
OGRID No. <b>873</b>	Operator Name <b>APACHE CORPORATION</b>	Elevation <b>3708'</b>

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>0</b>	<b>18</b>	<b>17-S</b>	<b>31-E</b>		<b>1120</b>	<b>SOUTH</b>	<b>1345</b>	<b>EAST</b>	<b>EDDY</b>

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres <b>40</b>	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

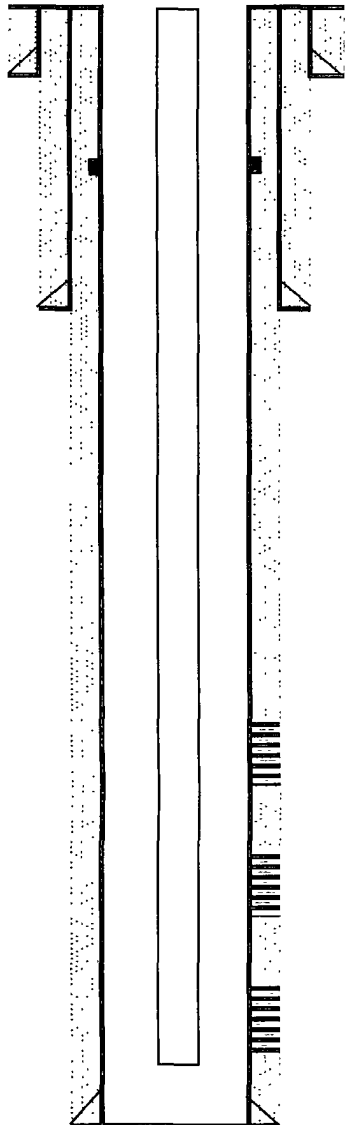
<p>LOT 1</p> <p>31.99 AC. LOT 2</p> <p>32.10 AC. LOT 3</p> <p>32.20 AC. LOT 4</p> <p>32.31 AC.</p>	<p>GEODETIC COORDINATES NAD 27 NME</p> <p>SURFACE LOCATION Y=666004.0 N X=631780.7 E</p> <p>LAT.=32.830196° N LONG.=103.904318° W LAT.=32° 49' 49" N LONG.=103° 54' 15" N</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><b>12-6-11</b> Date</p> <p>Signature <b>Bev Hatfield</b></p> <p>Printed Name <b>beverly.hatfield@apache</b></p> <p>E-mail Address <b>corp.com</b></p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p><b>JUNE 28, 2011</b> Date of Survey</p> <p>Signature &amp; Seal of Professional Surveyor:  </p> <p>Certificate Number Gary G. Eidson 12641 Ronald J. Eidson 3239</p> <p>DSS NEW MEXICO 11 11 1175</p>
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# Apache Corp.

**GROUP:** Permian North  
**FIELD:** Cedar Lake  
**LEASE/UNIT:** Tony Federal  
**COUNTY:** Eddy County  
**API #:** 30-015-39342

**DATE:** Nov. 08, 2011  
**BY:** SNH  
**WELL:** #34  
**STATE:** New Mexico

**KB = 13'**  
**GL = 3708'**



13-3/8" J-55 48# set @ 370'  
cmt w/ 600 sx to surface

DV Tool @ 1820'

8 5/8" J-55 32# set @ 3525'  
cmt w/ 1350 sx to surface

2-7/8" J-55 8rd EUE 6.5# TBG @ 6364'

10/11: PADDOCK  
4640'-4994' (1 JSPF, 23 holes)

10/11: UPPER/MIDDLE BLINEBRY  
5204'-5608' (1 JSPF, 27 holes)

10/11: LOWER BLINEBRY/TUBB  
5803'-6297' (1 JSPF, 28 holes)

5-1/2" J-55 17# set @ 6416'  
cmt w/ 1000 sx to surface

**TD = 6416'**  
**PBTD = 6384'**

OPERATOR Apache  
WELL/LEASE Tony Fed 34  
COUNTY Eddy

30-015-39342

STATE OF NEW MEXICO  
DEVIATION REPORT

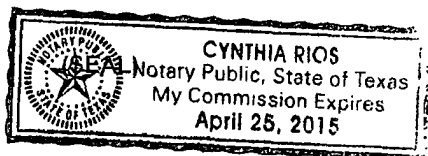
195	0.75
300	1.00
558	0.90
796	1.10
1050	1.90
1336	1.80
1588	0.80
1843	0.30
2097	0.20
2351	0.40
2603	0.40
2859	0.20
3113	0.30
3367	0.40
3727	0.80
3815	1.00
3981	0.20
4107	0.70
4234	0.40
4350	0.30
4605	0.30
4725	0.80
4859	0.30
4996	0.40
5122	0.60
5249	0.20
5375	0.60
5492	0.10
5619	0.80
5778	0.60
5936	0.50
6053	0.30
6254	0.20

SIGNED BY:

*James F. Newman* 11/02/11  
JAMES F. NEWMAN, VP-PERMIAN BUSINESS UNIT

STATE OF TEXAS  
COUNTY OF MIDLAND

ON THIS 2nd DAY OF November, 2011, BEFORE ME, C RIOS, A NOTARY  
PUBLIC, PERSONALLY APPEARED JAMES F. NEWMAN, WHO ACKNOWLEDGED AND EXECUTED  
THIS DOCUMENT. WITNESS MY HAND AND OFFICIAL SEAL.



*Cynthia Rios*  
NOTARY PUBLIC