

District I Energy, Minerals and Natural Resources

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd. Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.

30-015-01692

5. Indicate Type of Lease

STATE ☒FEE ☐

6. State Oil & Gas Lease NO.

7. Lease Name or Unit Agreement Name

Empire Abo Unit "F"

8. Well Number

31

9. OGRID Numer

873

10. Pool Name

Empire Abo

SUNDRY NOTICES AND REPORTS ON WELLS

(DON NOT USE THIS FORM FOR PROPOSALS TO DRILL OR DEEPEN OR PLUG BACK TO A DIFFERENT RESERVIOR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

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

2. Name of Operator

Apache Corporation

3. Address of Operator

303 Veterans Airpark Lane, Ste. 3000, Midland, TX 79705

4. Well Location

Unit Letter **G** : **1980** feet from the **N** line and **2130** feet from th **E** line
Section **33** Township **17s** Range **28E** NMPM County **Eddy**11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3660' GR

12. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐TEMPORARILY ABANDON ☐PULL OR ALTER CASING ☐DOWNHOLE COMMINGLE ☐PLUG AND ABANDON ☒CHANGE PLANS ☐MULTIPLE COMPL ☐OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐COMMENCE DRILLING OPNS. ☐CASING/CEMENT JOB ☐ALTERING CASING ☐P AND A ☐OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.) SEE RULE 1103. For Multiple Completions: Attach wellbore diagram or proposed completion or recompletion.

Notify OCD 24 hrs. prior
To any work done.

Apache Corporation proposes to P&A the above mentioned well by the attached procedure.

SEE ATTACHED
CONDITIONS OF
APPROVALRig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Guinn Burks

TITLE

Reclamation Foreman

DATE

6/19/12

Type or print name

Guinn Burks

E-mail add.

guinn.burks@apachecorp.com

PHONE:

432-556-9143

For State Use Only

APPROVED BY:

Conditions of Approval (if any):

[Signature]

TITLE

DATE

6/28/2012

Approval Granted providing work
is complete by 7/28/2012



WELL BORE INFO.

LEASE NAME

Empire Abo Unit "F"

WELL #

31

API #

30-015-01692

COUNTY

Eddy

11" Hole

8 5/8" 24# @ 1000'

w/ 650 sx to surf

TOC @ 1310' by CBL (8-74)

(8-74) Perfd @ 1248'-1249' & sqzd 250 sx to surf

(6-97) Abo perfs @ 5734'-5796' sqzd w/100 sx cmt

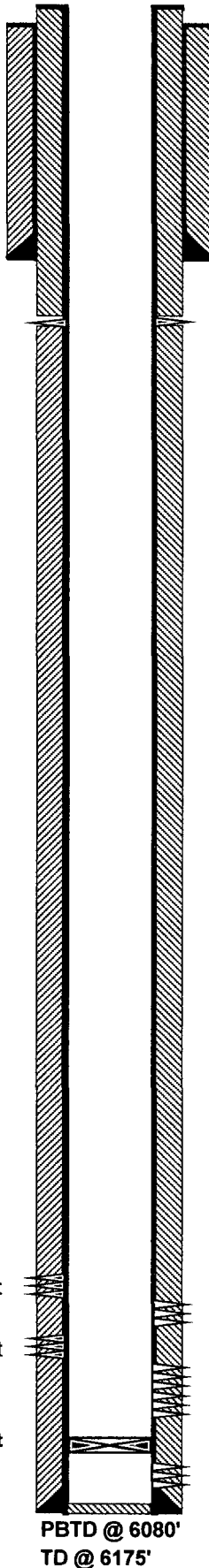
(8-74) Abo perfs @ 5828'-5887' sqzd w/600 sx cmt

(9-11) CIBP @ 6080' w/no cmt

7 7/8" Hole

4 1/2" 9.5# & 11.6# @ 6175'

w/ 800 sx cmt TOC @ 1310' by CBL



(6-97) Abo perfs @ 5810'-5860'

(9-11) Perf Abo @ 5906'-6048'

Abo perfs @ 6107'-6134'

PBD @ 6080'

TD @ 6175'



WELL BORE INFO.

LEASE NAME Empire Abo Unit "F"
WELL # 31
API # 30-015-01692
COUNTY Eddy

PROPOSED PROCEDURE

11" Hole
8 5/8" 24# @ 1000'
w/ 650 sx to surf

TOC @ 1310' by CBL (8-74)
(8-74) Perf'd @ 1248'-1249' & sqzd 250 sx to surf

3. PUH & spot 25 sx Class "C" cmt from 378' to surf (Water Board)

2. PUH & spot 75 sx Class "C" cmt from ^{3050'}2050' - 950'
WOC/TAG (San Andres, Sqz perfs & Shoe)

*No more than 3000' between
Cement plugs in cased hole.*

³⁰
1. MIRU, RIH & set CIBP @ 5800', CIRC w/ MLF & spot 25-
sx Class "C" cmt on top of CIBP from 5800'-5432'
WOC/TAG (Covers all Abo perfs & sqzd perfs)

(6-97) Abo perfs @ 5734'-5796' sqzd w/100 sx cmt

(8-74) Abo perfs @ 5828'-5887' sqzd w/600 sx cmt

(9-11) CIBP @ 6080' w/no cmt

7 7/8" Hole
4 1/2" 9.5# & 11.6# @ 6175'
w/ 800 sx cmt TOC @ 1310' by CBL

(6-97) Abo perfs @ 5810'-5860'

(9-11) Perf Abo @ 5906'-6048'

Abo perfs @ 6107'-6134'

PBTD @ 6080'
TD @ 6175'

NEW MEXICO OIL CONSERVATION DIVISION
DISTRICT 2 OFFICE
811 S. FIRST STREET
ARTESIA, NM 88210
(575)748-1283

CONDITIONS OF APPROVAL FOR PLUGGING & ABANDONMENT

Operator: Apache Corp.

Well Name & Number: Empire Abo Unit "F" #31

API #: 30-015-01692

1. Produced water will not be used during any part of the plugging & abandonment operation.
2. Notify NMOCD Dist. 2 office at least 24 hrs before beginning work.
3. Closed Loop System is to be used for entire plugging operation. Upon completion, contents of steel pit are to be hauled to a permitted disposal location.
4. Trucking companies being used to haul oilfield waste fluids to a disposal – commercial or private – shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator, as well as the contractor, to verify that this permit is place prior to performing work. Drivers shall produce a copy upon request of NMOCD Field Inspectors.
5. A subsequent C-103 will serve as notification that the well bore has been plugged ONLY. A C-103 FINAL shall be filed before any bonding can be released on the well. Upon receipt of the Final, an inspection will be performed to verify that the location has been satisfactorily cleaned to NMOCD standards.
6. If work has not begun within 90 days of the approval of this procedure, an extension request must be filed, stating reason that well has not been plugged.
7. Every attempt must be made to clean the well bore out to below the perms, before any plugs can be set, by whatever means possible.

8. Cement Retainers may not be used.

9. Squeeze pressures not to exceed 500 psi., unless approval is given by NMOCD Plugging Supervisor.

10. Plugs may be combined after consulting with NMOCD P & A Supervisor.

11. Minimum WOC time for tag plugs will be 4 hrs.

DG

Date: 6/28/2012