

Office

DISTRICT I

1625 N. French Dr., Hobbs, NM 88240

DISTRICT II

811 South First, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

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

State of New Mexico
Energy, Minerals and Natural ResourcesOIL CONSERVATION DIVISION
1220 South St. Francis Drive
Santa Fe, NM 87505FORM C-103
Revised March 25, 1999

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-06588
1. Type of Well: <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER Injection		5. Indicate Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE
2. Name of Operator Apache Corporation		6. State Oil & Gas Lease No.
3. Address of Operator 6120 South Yale, Suite 1500 Tulsa, Oklahoma 74136-4224 WFX-774		7. Lease Name or Unit Agreement Name Northeast Drinkard Unit
4. Well Location Unit Letter G : 2210 Feet From The North Line and 2310 Feet From The West Line Section 15 Township 21S Range 37E NMPM Lea County		8. Well No. 61011
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3439 DF		9. Pool name or Wildcat Eunice N., Blinbry-Tubb-Drinkard

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

- ☐ Perform Remedial Work ☐ Plug and Abandon
☐ Temporarily Abandon ☐ Change Plans
☐ Pull or Alter Casing
☐ Other

- ☒ Remedial Work ☐ Altering Casing
☐ Commence Drilling Operations ☐ Plug and Abandonment
☐ Casing Test and Cement Job
☐ Other

12. 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 of proposed completion or recompletion.

9/20/2002

Test anchors-Blow down well-MIRUSU-NUBOP

Take delivery of 2 7/8" N-80 workstring-Rack & tally-PU 5 1/2" Arrow Mod 'PST' rbp & Mod 'CST' pkr

GIH picking up workstring-Set plug @ 5501'-Test to 1000 psi-Circ well clean-Pull up to 5132'-Leave pkr swinging

9/21/2002

Set pkr @ 5132'-Load backside & test to 500 psi-Pump down tbq into leak @ 1 bpm w/ 1000 psi

No returns to surface-Reset pkr @ 5228'-Load backside-Pressure up to 500 psi-Bled off to 400 in 1 min

Pump down tbq-Pressure up to 2000 psi-Csg pressure started to increase-Shut down-Bled off pressure

POOH-LD pkr-PU cmt retainer-GIH to 5132'

9/22/2002

RU Schlumberger-Pump tbq capacity thru retainer-Set retainer @ 5133'-Attempt to pump down tbq

Pressure up to 2000 psi-Leak off 400 psi in 1 min-Sting out of retainer-Pump down tbq to clear debris

Sting back into tbq-Pressure up to 2200 psi-Leak off 400 psi in 1 min-Swab tbq capacity out of tbq

FL holding @ 3000'-Pump down tbq-Pressure up to 2000 psi-Leak off 400 psi in 1 min.-Continue to swab tbq.

Swab tbq dry-Pump down tbq-Pressure up to 2000 psi-Leak off 400 psi in 1 min. (continued)

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

SIGNATURE

Kara Coday

TITLE

Sr. Engineering Technician

DATE 10/29/2002

TYPE OR PRINT NAME

Kara Coday

TELEPHONE NO.

918-491-4957

(This space for State Use)

APPROVED BY

GARY W. WINK

OIL FIELD REPRESENTATIVE / STATE MANAGER

DATE

NOV 13 2002

CONDITIONS OF APPROVAL, IF ANY

9/25/2002

Sting out of retainer-Circ above retainer for several hours-Got back LCM & rust chips-Sting into retainer
Pump through retainer @ 1 bpm @ 2000 psi-Set up squeeze for tomorrow

9/26/2002

Pump 60 bbls water through retainer -RU Schlumberger-Flush all lines to pit
Test lines to 3500 psi-Pump 30 bbls water ahead of squeeze-Squeeze 5 1/2" csg w/ 100 sks (48 bbls)
Class 'C' cement w/ 0.2% D167-Avg rate 1.5 bpm ATP-1600 Final SIP-2800
Reversed 2 bbls cmt to pit-POOH w/ tbg-SIFWE

9/30/2002

Drill cmt from 5120' to retainer-Drill out retainer-Drill cmt to 5230'-Circ well clean

10/1/2002

Drill cmt from 5230'-5275'-Circ well clean-Test squeeze to 500 psi for 30 mins-OK-GIH to RBP-Circ sand off of plug
POOH-LD drill collars-PU retrieving-GIH-Release RBP-POOH laying down workstring

10/2/2002

GIH w/ 5 1/2" Loc-Set pkr assembly w/ on-off tool & 173 jts 2 3/8" J-55 TK99 tbg-Set pkr @ 5491.43'
w/ EOT @ 5503.47'-Displace backside w/ CRW-172 pkr fluid-Attempt to get an H-5 test while working out air
From engineering: Run bondlog to determine bond across the San Andres zone

10/3/2002

Do final H-5 test on 5 1/2-500 psi for 30 mins-OK-Release pkr-POOH w/ injection tbg-Rack & tally workstring
GIH w/ RBP & PKR-Set plug @ 5500'-Test to 1000-POOH

10/4/2002

RU Computalog-Run GR-CBL-CCL from 5495' to 3000'-Find TOC @ 5055'-RD Computalog
GIH w/ tbg-Release plug-POOH

10/7/2002

GIH w/ CIBP-Set @ 5100'-Test-RU Computalog-Perforate 5 1/2" csg @ 4100' w/ 4 jsp
GIH w/ pkr-Set @ 4024'-Pump into perfs @ 1/4 bpm @ 1800 psi-No returns to surface-POOH w/ pkr
Perforate 5 1/2" csg @ 3500'-GIH w/ pkr-Set @ 3452'-Pump into perfs @ 4 bpm @ 500 psi
w/ returns to the surface from 8 5/8"-Pump 160 bbls to clean up backside.
Reset pkr @ 3518'-Attempt to get communication between perfs pumping down 5 1/2" (500 psi)
Pump down tbg @ 1/2 bpm @ 1800 psi-No returns to surface
Pull pkr above upper perfs

10/8/2002

POOH-LD pkr-GIH w/ cmt retainer-Set @ 4055'-Pump through retainer-SDFN

10/9/2002

RU Schlumberger-Hold safety meeting-Pressure test surface to 3000 psi-Pump 50 bbls water through retainer
Load backside-Pressure to 500 psi-Establish injection rate of 0.5 bpm @ 1660 psi-Squeeze perfs in 5 1/2" csg
w/ 80 sks Class 'C' cmt mixed to 15.1 lbs/gal- Max TP-1753-Hesitated 3 times @ 15 mins each pumping last 3 bbls
ISDP-1666-Reversed 1 bbl to pit-POOH-PU retainer-GIH-Pump 1 1/2 times tbg capacity through retainer-Set @ 3452'
Load backside-Pressure to 500 psi-Established circ to surface through 8 5/8" csg-Squeeze perfs in 5 1/2" csg
w/ 100 sks Class 'C' cmt mixed to 11.8 lbs/gal-120 sks mixed to 13.0 lbs/gal-200 sks mixed to 14.8 lbs/gal
Circ 40 sks to pit-Avg rate 2.1 bpm-Avg psi-120 Left 850 psi on squeeze.-Reverse 2 bbls to pit-POOH w/tbg

10/11/2002

Drill out retainer @ 3452'-Drill out cmt to 3515'-Test squeeze to 1000 psi-Start drlg on retainer @ 4055'

10/14/2002

Drill out retainer @ 4055'-Change out bit-Drill cmt to 4082'-Circ well clean-

10/15/2002

Finish drlg cmt-Test squeeze to 500-OK-POOH

Prep to run CBL

10/16/2002

RU Computalog-Run CBL from 5100' to 2550'-Fax log to Tulsa-GIH & drill out CIBP-Start POOH laying down workstring-SWI-SDFN

10/17/2002

Finish POOH laying down workstring-GIH w 173 jts 2 3/8" J-55 TK99 tbg-Set pkr @ 5492' w/ EOT @ 5506'

10/18/2002

Displace backside w/ CRW-172 pkr fluid-Test to 500 psi-Have a 50 psi leakoff in 30 mins

10/21/2002

RU Pro Wireline-Set 1.50" plug in 'F' nipple-Test to 1000 psi-Displace backside w/ 10 ppg pkr fluid w/ 1 drum CRW-172 & 3 gals Xcide 302 biocide-'Bump' polymer into leak @ 500 psi-Shut down

10/22/2002

Pressure test backside @ 500 psi for 30 mins-OK-Remove plug from 'F' nipple-RDMO

Tie well to system-Put on injection