

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Oil Cons.  
N.M. Div-Dist. 2  
1301 W. Grand Avenue  
Artesia, NM 88210

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

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.

NM-100831

6. If Indian, Allottee or Tribe Name

N/A

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

8. Well Name and No.

BAT ARO FEDERAL #1

9. API Well No.

30-015-25874

10. Field and Pool, or Exploratory Area

CROOKED CREEK UPPER PENN

11. County or Parish, 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

Yates Petroleum Corporation

3a. Address

105 S. 4th Street - Artesia, NM 88210

3b. Phone No. (include area code)

505-748-1471

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

2210' FNL & 660' FWL

Section 34-T23S-R24E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☐ Acidize

☐ Deepen

☐ Production (Start/Resume)

☐ Water Shut-Off

☐ Subsequent Report

☐ Alter Casing

☐ Fracture Treat

☐ Reclamation

☐ Well Integrity

☐ Final Abandonment Notice

☐ Casing Repair

☐ New Construction

☐ Recomplete

☐ Other

☐ Change Plans

☒ Plug and Abandon

☐ Temporarily Abandon

☐ Convert to Injection

☐ Plug Back

☐ 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 operations results in a multiple completion or recompleat 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.)

CALL BLM WITH 24 HOUR NOTICE BEFORE COMMENCING OPERATIONS

1. MIRU WSU; ND wellhead, NU BOP; RU all h2s & safety equipment. No casing recovery will be attempted. POH w/ tubing & packer - packer is set @ 7919' w/ a left hand jay & the RBP is @ 8245'.
2. MIRU WL, set CIBP @ 8555' & cap w/ 35' cement. Set a second CIBP @ 7986' & cap w/ 35' cement. This seals off Strawn & Cisco perms.
3. Tally tubing & TIH open ended to 5320'. Load hole w/ plugging mud & spot 25 sk plug from 5220'-5420'. Pull 5 stands & reverse circ to clean out tubing. POH.
4. TIH open ended to 2650'; load hole w/ plugging mud & spot 25 sk plug from 2450'-2650'. Pull 5 stands & reverse circ to clean tubing. POH. This will leave a plug across the intermediate casing shoe. WOC & tag; reset plug if necessary.
5. TIH open ended to 458'. Load hole w/ plugging mud & spot 25 sk plug from 258'-485'. Pull 5 stands & reverse circ to clean out tubing. POH. This will leave a plug across the surface casing shoe. WOC & tag - reset plug if necessary.
6. TIH open ended to 150'. Load hole w/ plugging mud & spot 15 sk plug from 0-150'. POH. WOC 24 hrs & tag plug; reset if necessary.
7. Remove all surface equipment & weld dry hole marker per regulations.

I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Donna Clack

Signature

Donna Clack

Title

Operations Technician

Date

10-03-03

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

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.

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.

APPROVED

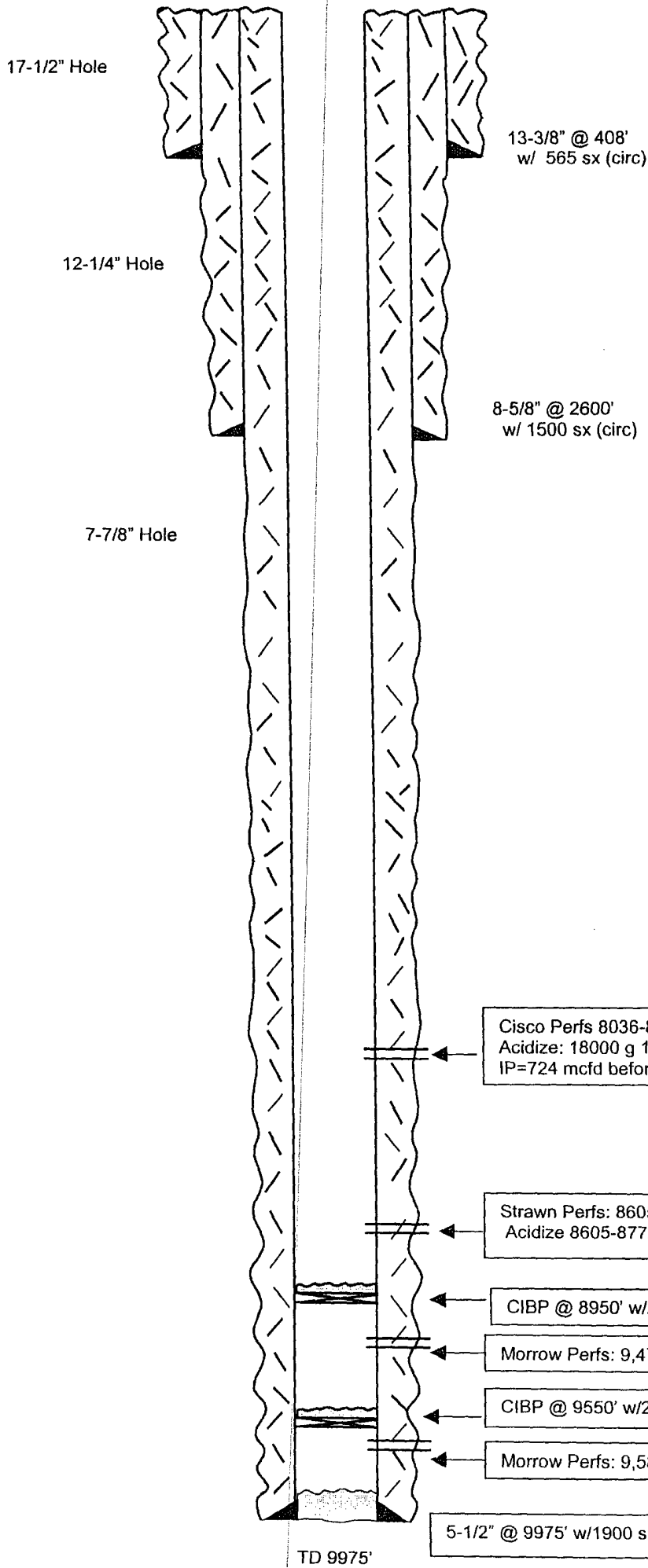
OCT 9 2003

Date

LES BABYAK  
PETROLEUM ENGINEER

**WELL NAME:** BAT ARO Federal #1      **FIELD:** Crooked Creek Morrow  
**LOCATION:** 2210' FNL & 660' FWL, Sec. 34 T23S-R24E      Eddy County      NM  
**GL:** 3880'      **ZERO:**      **KB:** 3894'  
**SPUD DATE:** 3-1-88      **COMPLETION DATE:** 4-29-88  
**COMMENTS:** 30-015-25874  
P&A 1991- Re-entry 1998

CASING PROGRAM	
13 3/8" 54.5 j-55 STC	408'
8 5/8" 34, 32# J-55 STC	2,600'
5 1/2" 17# N-80 K-55	9,975'
Guiberson Uni-VI PKR LHJ @	7,919
Guiberson Uni-VI RBP @	8,245



Tops	
Delaware	2601'
Bone Spring	3965'
Wolfcamp	7303'
Cisco	8010'
Strawn	8605'
Atoka	8787'
Morrow Clastics	9491'

**BEFORE**

Cisco Perfs 8036-8120' (73 holes)  
Acidize: 18000 g 15%  
IP=724 mcf/d before the well was P&A.

Strawn Perfs: 8605-8772' (22 holes)  
Acidize 8605-8772' w/30000 g 15% 12-15-98

CIBP @ 8950' w/20' cmt

Morrow Perfs: 9,478'-9,490'

CIBP @ 9550' w/20' cmt

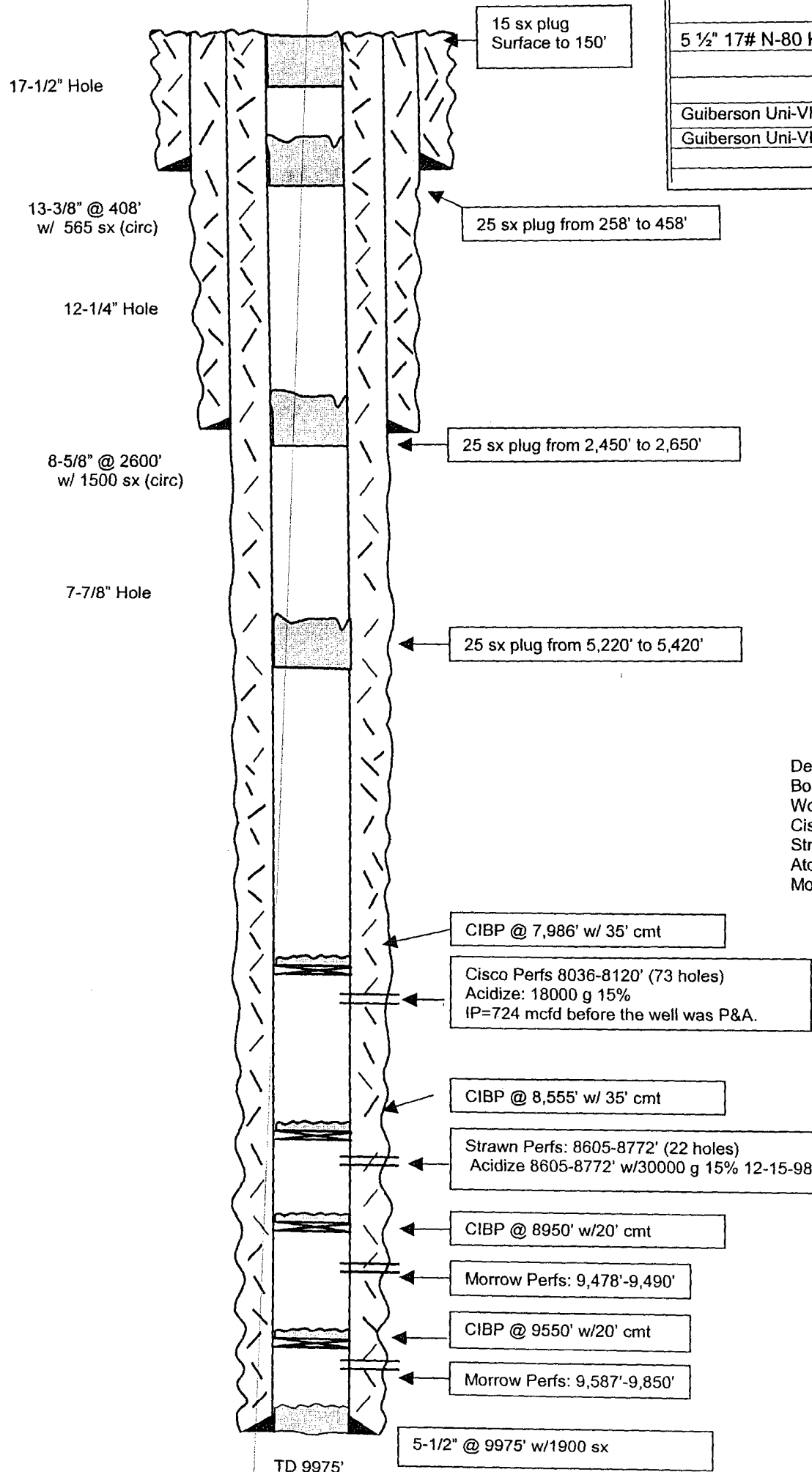
Morrow Perfs: 9,587'-9,850'

5-1/2" @ 9975' w/1900 sx

Not to Scale  
7/23/03  
Cam

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**After**

**Tops**

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