

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

NOV - 7 2003

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-35925

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
DANA FEDERAL 59. API Well No.
30-005-6246610. Field and Pool, or Exploratory
PECOS SLOPE; ABO(GAS)11. County or Parish, and State
CHAVES COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
CHESAPEAKE OPERATING, INC.Contact: BARBARA BALE
E-Mail: bbale@chkenrgy.com3a. Address
P.O. BOX 18496
OKLAHOMA CITY, OK 73154-04963b. Phone No. (include area code)
Ph: 405.848.8000 Ext: 9112
Fx: 405.879.9583

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

Sec 4 T09S R25E SWSW 660FSL 1980FWL

12. CHECK 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
Workover Operations

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 operation 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.)

1) MIRU, kill well w/2% KCL wtr, POOH w/2-3/8" tbg.

2) RIH w/bit & scraper to PBTD 4275', POOH.

3) RU wireline serv. co., set 4-1/2" composite bridge plug above Lower "C" @4030'.

4) Pressure test plug & csg to 3000#.

5) Run strip log & correlate to OH Neutron-Density of 04/17/87, perf w/csg gun Upper Abo "C" 3972'-88'. Shoot 1 SPF (16 holes) .42" hole, 23 gram chg, 60 degree phasing.

6) MIRU Frac Serv. Co., NU frac valves, tie on to csg & est. rate w/2% KCL, bullhead 1000 gal 15% NeFe acid into zone, drop 16 ball sealers during job, obtain rates which limit press to a max 3000#, obtain pre-frac treating data.

7) Run gauge ring & clear perms of ball sealers

8) Est. rate w/15,000 gal pad 65Q linear foam w/additives per frac schedule, obtain rates to 30 BPM, max 3000#, frac w/25,000 gal 65Q linear foam & 75,000# 20/40 Brady ramping from 1 to 5 lb/gal.

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

**Electronic Submission #24772 verified by the BLM Well Information System
For CHESAPEAKE OPERATING, INC., sent to the Roswell**

Name (Printed/Typed) BARBARA BALE

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 11/05/2003

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Additional data for EC transaction #24772 that would not fit on the form

32. Additional remarks, continued

Displace to perms w/2% KCL wtr, anticipated treating pressure 2500 psi, RDMO frac crew.
9) RIH w/tbg & bit, reverse out excess sand & drill up plug @4030', CO to PBTD, POOH w/bit.
10) RIH w/production tbg, land at approx 4000'.
11) NU blow down line, swab well in & flow back frac. As well cleans up, tie in to sales.

CURRENT WELLBORE SCHEMATIC

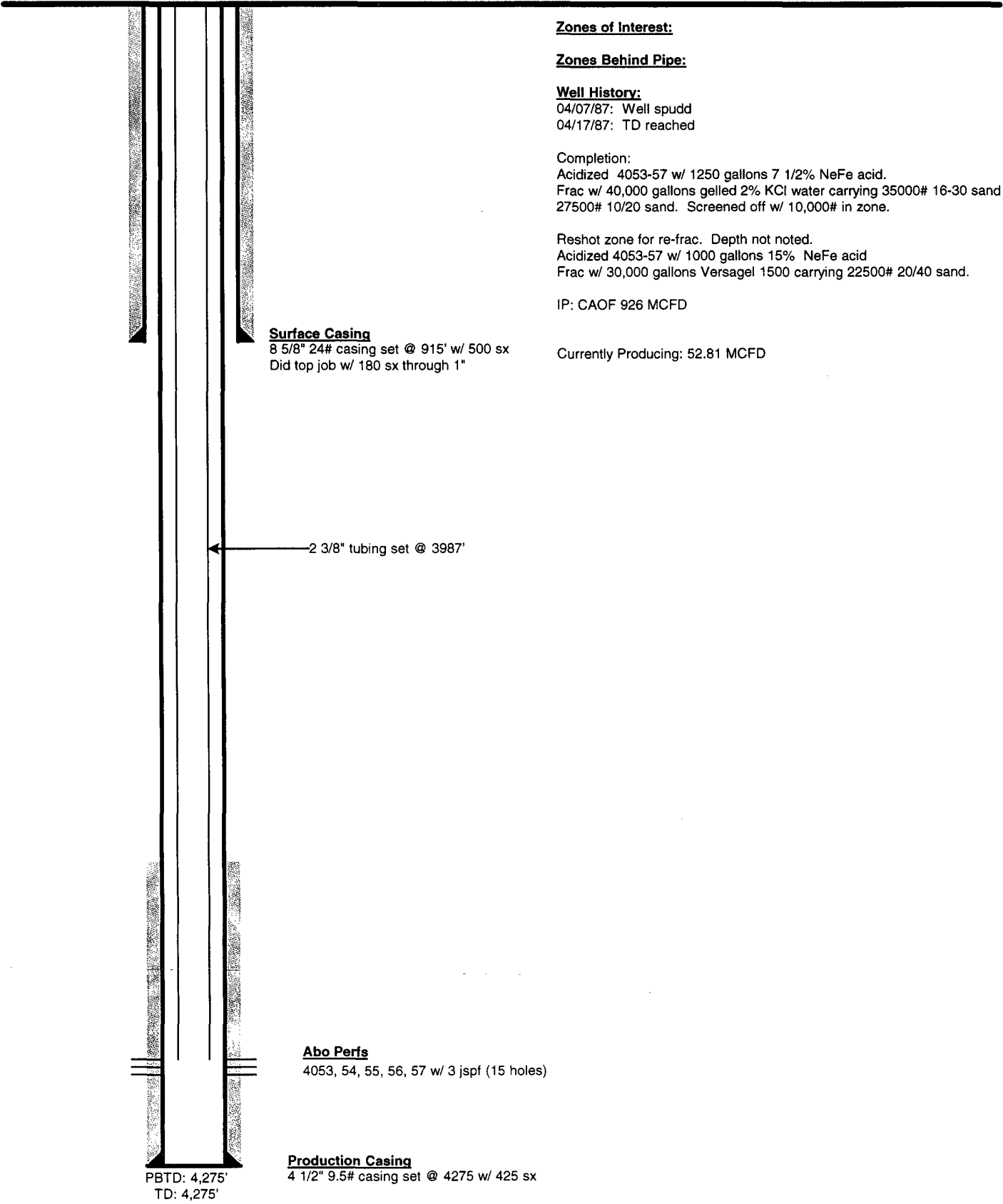
WELL : DANA FEDERAL #5
FIELD : PECOS SLOPE (ABO)
COUNTY : CHAVES STATE : NM
LOCATION : "N" SEC. 4-T9S-R25E (660' FSL & 1980' FWL)
ELEVATION : GL 3,618' KB
API NO. : 30-005-62466



RECEIVED

NOV - 7 2003

OCD-ARTESIA



Zones of Interest:

Zones Behind Pipe:

Well History:

04/07/87: Well spudd
04/17/87: TD reached

Completion:

Acidized 4053-57 w/ 1250 gallons 7 1/2% NeFe acid.
Frac w/ 40,000 gallons gelled 2% KCl water carrying 35000# 16-30 sand and 27500# 10/20 sand. Screened off w/ 10,000# in zone.

Reshot zone for re-frac. Depth not noted.

Acidized 4053-57 w/ 1000 gallons 15% NeFe acid
Frac w/ 30,000 gallons Versagel 1500 carrying 22500# 20/40 sand.

IP: CAOF 926 MCFD

Currently Producing: 52.81 MCFD

PREPARED BY: David Zerger
UPDATED BY: _____

DATE: 7/26/02
DATE: _____