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OCD-ARTESIA

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.

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. DIV-Dist. 2

1301 W. Grand Avenue

Artesia, NM 88210

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 20005. Lease Serial No.
NMNM35925

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

CHESAPEAKE OPERATING INC

Contact:

BARBARA BALE

E-Mail: bbale@chkenergy.com

8. Well Name and No.
DANA FEDERAL 5

3a. Address

P O BOX 18496
OKLAHOMA CITY, OK 73154-0496

3b. Phone No. (include area code)

Ph: 405.848.8000 Ext: 9112
Fx: 405.879.95839. API Well No.
30-005-62466-00-S110. Field and Pool, or Exploratory
UNKNOWN

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

Sec 4 T9S R25E SESW

11. County or Parish, and State

CHAVES COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Workover Operations
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 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

Committed to AFMSS for processing by ARMANDO LOPEZ on 11/05/2003 (04AL0023SE)

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 ARMANDO A LOPEZ

Title PETROLEUM ENGINEER

Date 11/14/2003

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 Roswell

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.

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

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

32. Additional remarks, continued

Displace to perfs 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.