

NEW MEXICO  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
1301 W. Grand Avenue  
Albuquerque, NM 88210

**SUNDRY NOTICES AND REPORTS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

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

5. Lease Serial No.	NMNM35925
6. If Indian, Allottee or Tribe Name	
7. If Unit or CA/Agreement, Name and/or No.	
8. Well Name and No.	Dana 4 Federal #13
9. API Well No.	30-005-63709
10. Field and Pool, or Exploratory Area	Pecos Slope;Abo
11. County or Parish, State	Chaves New Mexico

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

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

2. Name of Operator  
Chesapeake Operating, Inc.

3a. Address  
P. O. box 11050 Midland TX 79702-8050

3b. Phone No. (include area code)  
(432)687-2992

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1980' FSL & 1980' FEL, Sec. 4, T9S, R25E

RECEIVED  
MAY 17 2005  
OCD-ARTEZIA

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 Spud/Csg/Acid Frac
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 recomple horizontally, give subsurface locations 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 recompletion 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.)

3-09-05 RU Cudd Pumping Service, spot 200 gals 15% neFe 3,968 - 3,660'. POOH w/pkr set @ 3,940'. Rev. acid into tbq, close bypass, press. annulus to 1500#, press. tbq, pumping into perfs @ 1.7 BPM, inc. rate to 2.5 BPM, 1200#, start 1,300 gals 15% acid, drop 5 balls every 5 bbls, inc. rate to 3.8 BPM, 1310# w/acid on perfs, continue acid until ball out @ 4500#, SD 5 mins, resume flush, finish 18 bbl flush, SD.

3-10-05 Swab.

3-13-05 RU Cudd Pumping Serv., frac Abo C w/26,058 gals 30# linear gel, 65Q foam and 150,000# 20/40 Brady sand ramped 1 ppg to 5 ppg, pump 161 tons CO2, max rate 30 BPM, avg. rate 30 BPM, max psi 2970#. RD Cudd. Began flowing to test tank.

3-19-05 RU Weatherford foam unit. RIH w/tbg, tag sd @ 3955'. Clean sd to 4,160', circ 1.5 hrs. w/foam until no sd or frac balls left. Circ. hole w/foam, flow to frac tank.

3-23-05 Swabbing

3-30-05 PU 4 1/2" CIBP, RIH w/WL, set CIBP @ 3986' + 10' cmt on top. PBTd 3976'.

3-31-05 Swab/flow

ACCEPTED FOR RECORD

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

Brenda Coffman

Title  
Regulatory Analyst

Date  
04/20/2005

ARMANDO A. LOPEZ

PETROLEUM ENGINEER

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, makes 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.

(Instructions on reverse)