



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB No 1004-0137
Expires March 31, 2007

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
NMLC 029389-A

6 If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2 Name of Operator
CHESAPEAKE OPERATING, INC.

ATTN: LINDA GOOD

3a. Address
P. O BOX 18496
OKLAHOMA CITY, OK 73154-0496

3b. Phone No. (include area code)
405-767-4275

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

660' FNL & 1980' FEL, NWNE, SEC 9, T18S, R31E

7. If Unit of CA/Agreement, Name and/or No.
NMNM 106828

8. Well Name and No.
BAISH FEDERAL 2

9. API Well No.
30-015-25728

10. Field and Pool or Exploratory Area
SHUGART

11. Country or Parish, State
EDDY CO., CO.

12 CHECK THE 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 checked="" type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Add Bone Spring
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Perfs
	<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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Chesapeake, respectfully, request permission to add additional Bone Spring perfs per the attached Recompleat procedure.

SUBJECT TO LIKE APPROVAL BY STATE

(CHK PN 891318)

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

Name (Printed/Typed)
LINDA GOOD

Title FEDERAL REGULATORY ANALYST

Signature

Linda Good

Date 07/09/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

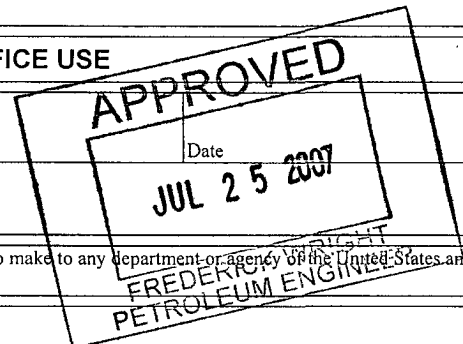
Date

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.

(Instructions on page 2)



Baish Federal #2
Perforate Additional Bone Spring
Eddy County, New Mexico

GENERAL INFORMATION

June 29, 2007

Location: 660' FNL & 1980' FEL, Sec 9 – T18S – R31E

API No.: 30-015-25728

WELL INFORMATION

<u>String OD</u>	<u>Weight & Grade</u>	<u>Depth</u>	<u>ID</u>	<u>Drift</u>	<u>Burst</u>	<u>TOC</u>
13-3/8"	61# K55	0' – 696'	12.515"	12.359"	3090	0'
8-5/8"	24# K55	0' - 2165'	8.097"	7.972"	2950	0'
5-1/2"	17# K55	0' - 8750'	4.892"	4.767"	5320	2150'

Bone Spring Carbonate 7825 – 90'

2nd Bone Spring Sand 8287 – 8678' (OA)

TD/PBTD: 8750'/8730'

Recommended Perforations

1st Bone Spring Sand 7584 – 7614'

Re-Completion Procedure

1. MIRU Service Rig and requisite equipment. NU BOP. POOH with pump, rods and 2-7/8" L80 tubing.
2. MIRU Wireline Service Co. Run a GR/CCL log from PBTD to 7000'. Correlate to OH Neutron Density log dated 4-05-1987.
3. Set a CBP @ 7700'. Load and test hole to 3000#.
4. RIH w/ 3-3/8" casing gun. Perforate the 1st Bone Spring Sand w/ 1 SPF, 23 gram charge, .37" holes from 7584 – 7614' (31 holes). RD Wireline Unit.
5. RIH w/ 5-1/2" treating packer on 2-7/8" tubing as follows: Re-entry guide, 10' sub, Arrow Set packer, on/off tool w/ 'X' profile nipple. Space out with the EOT at 7614'.
6. RU Acid Service Company. Spot 200 gal of 7-1/2% HCL Acid containing 4 gpt of iron control, 1 gpt each of corrosion inhibitor, surface tension reducer, and non-emulsifier. Pull packer to ~ 7530'. Reverse circulate excess acid into tubing, set packer.
7. ND BOP. NU tree. Displace spot acid, establish rate of 3 to 4 BPM w/ 2% KCL. (Keep KCL water usage to a minimum). Acidize w/ 1300 gal of same acid. Displace w/ 2% KCL. Do not over-displace. Pump at 5 to 6 BPM max. Launch 38 ball sealers during job. Note rates and pressures. Note ISIP. Max pressure 5000#. Anticipated treating pressure ~ 2750#.
8. Flow/swab back job. Swab test zone.
9. Prep to frac. ND tree, NU BOP. Release and lower packer through perms to clear of ball sealers. POOH with tubing and packer.

10. MIRU Frac Service Company. Establish rate w/ 21,000 gal of 30# XL gel pad containing additives per frac schedule. Pump an additional 4000 gal of pad containing $\frac{1}{4}$ lb/gal 20/40 Ottawa as a scour. Frac per frac schedule ramping 125,000# of 20/40 Ottawa from 1 lb/gal to 4 #/gal in 42,000 gal of 30# XL gel. Tail in with 25,000# of 20/40 resin coat at 5 #/gal in 5000 gal of gel at tail of job. Total sand 126,000 lb of 20/40, 25,000 lb of resin coat. Obtain rates of 40 to 50 BPM, max pr 4250#. Cut resin activator in last tub of sand. Displace to top perf with linear gel. Anticipated treating pressure ~3000#. Obtain 5, 10, and 15 min SI data. Wait on frac overnight.
11. Flow back to clean up well.
12. RIH with bit, collars, and 2-7/8" tubing. Drill up CBP and circulate clean to PBTD 8730'.
13. RIH w/ MA, PS, SN, TAC and 2-7/8" tubing. Space out and land SN ~8666' (as before). Swab to clean up.
14. RIH w/ 1-1/2" pump and FG rod string (as before). Run pump, 137 - 7/8" steel rods, and 133 - 1" FG rods. Space out/seal pump. Load and test. PWOP.