

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.
NMNM 01375

6. If Indian, Allottee or Tribe Name

AUG 09 2007

OCD-ARTESIA

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

7. If Unit of CA/Agreement, Name and/or No
NMNM 88499X

8. Well Name and No.
BENSON SHUGART WFU 13

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

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

9 API Well No.
30-015-20542

10 Field and Pool or Exploratory Area
SHUGART

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

2310' FSL & 330' FWL, NWSW, SECTION 25, T18S, R30E

11 Country or Parish, State
EDDY CO., NM

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 Workover same zone
	<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 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 VERBAL permission to workover this well per the attached recompleat procedure.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Faxed 7/27/07 LG

(CHK PN 890936)

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

Name (Printed/Typed)
LINDA GOOD

Title FEDERAL REGULATORY ANALYST

Signature

Linda Good

Date 07/27/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

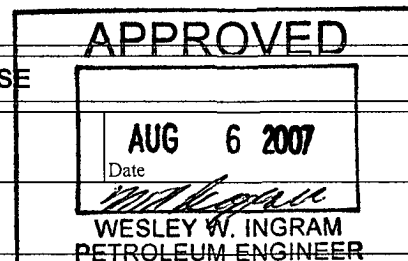
Title

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.

(Instructions on page 2)





**Benson Shugart WFU #13
Add 4 Pay Zones & Stimulate
Eddy County, New Mexico**

April 3, 2006

Objective:

Add Grayburg, Queen & 7 Rivers Pay – Stimulate each with a small Sand Frac

Present Situation:

Presently Producing 10 BOPD/ 70BWPd from Upper Grayburg & Queen Intervals

Well Specifications: KB @ 3,460' GL @ 3,449'

Surface Casing:

8-5/8" 20# Surf Csg. @ 720'

Cmt'd w/ 300 sx, circ to surface.

Production Casing: TOC @ 1,610' CBL

5-1/2" 15-50# Prod Csg. @ 3,522'

Cmt w/ 350 sx.

Perforations:

Penrose: 3,176' – 84' (16 holes) – Frac w/ 50,000 gal Gel Water & 30,000# 20/40

2nd Grayburg: 3,457' – 67' (7 holes)

3rd Grayburg: 3,484' – 90' (4 holes) – Combined Frac – 40,000 gal Gel Water & 40,000# 20/40

Contacts:

Workover Foreman

Lynard Barrera

Office: 505-391-1462

Cell: 505-631-4942

Asset Manager

Charlie Robinson

Office: 405-879-8522

Cell: 405-213-5343

Production Foreman

Ralph Skinner

Office: 505-391-1462

Cell: 505-441-4921

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Eddy County, New Mexico

Procedure

Hold Tailgate Safety meeting prior to beginning work each morning and as required for specific operations

1. Prep location. Check Anchors and clean area for workover.
2. MIRU Service Unit, Set flowback pit. Frac tanks, and Reverse unit. Rack 3,500' 2 7/8" Workstring.
3. Secure Pumping Unit and POOH w/ rods and pump.
4. ND Wellhead & NU BOP. POOH and LD tubing. RU Sand Line and sinker bar and determine PBTD. *BOP 7 1/16" 5K per operator 8/6/07 mrd*

Perforate:

5. RU Wireline unit. MU GR/CCL tool w/ 4" HSC Perf gun loaded with minimum 23 gram charges. Verify distance from Top perf to GR/CCL tool and RIH using wellhead pack-off. Run a strip and correlate to the attached log sections. Perforate the following intervals.

1 st Grayburg:	3,382' – 3,388'	1 SPF	7 holes
Queen C:	3,297' – 3,303'	1 SPF	7 holes
Queen A:	3,114' – 3,121'	2 SPF	14 holes
7 Rivers C:	2,216' – 2,225'	2 SPF	18 holes

Total: 46 Holes

6. POOH w/ Perforating guns. Verify all shots fired. RD and release wireline Unit

Fracture Treatments:

1st Stage: 25# X-link w/ 40,000 lbs 20/40 RC Sand

Note: Actual Design & Treatment schedule to follow

7. TIH w/ treating packer to 3,380'. RU Frac & Acid treating equipment. Spot 150 gallons 15% HCl across perfs and PUH to +/- 3,250'. Set packer, Install 2 7/8" tree saver. Test lines to 5,000 psi. Spearhead frac with 500 gals 15% HCl @ 10 BPM. Increase to 15 BPM using 25# X-link pad. Ramp sand from 2 ppg to 8 ppg. Monitor backside for communication. Record treating rates, pressures, ISIP, 5, 10, & 15 min SI's.
8. Remove Tree Saver release packer and POOH w/ WS and Treating Packer.

2nd Stage: 25# X-link w/ 20,000 lbs RC Sand

Note: Actual Design & Treatment schedule to follow

9. MU CIBP on Treating Packer and TIH to +/- 3,250'. Set Bridge Plug and PUH to 3,121'. Spot 50 gallons 15% HCl across perfs and PUH to +/- 3,060'. Set packer, Install 2 7/8" tree saver. Test lines to 5,000 psi. Spearhead frac with 500 gals 15% HCl @ 10 BPM. Increase to 15 BPM using 25# X-link pad. Ramp sand from 2 ppg to 8 ppg. Monitor backside for communication. Record treating rates, pressures, ISIP, 5, 10, & 15 min SI's.

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10. Remove Tree Saver release packer and POOH w/ WS and Treating Packer.

3rd Stage: 25# X-link w/ 20,000 lbs RC Sand

Note: Actual Design & Treatment schedule to follow

11. MU CIBP on Treating Packer and TIH to +/- 2,300'. Set Bridge Plug and PUH to 2,225'. Spot 50 gallons 15% HCl across perfs and PUH to +/- 2,166'. Set packer, Install 2 7/8" tree saver. Test lines to 5,000 psi. Spearhead frac with 500 gals 15% HCl @ 10 BPM. Increase to 15 BPM using 25# X-link pad. Ramp sand from 2 ppg to 8 ppg. Monitor backside for communication. Record treating rates, pressures, ISIP, 5, 10, & 15 min SI's. SWION. RD Treaters, clean location and release.
12. Release packer, POOH & LD packer.
13. MU 4 3/4" Bit, bit sub and 4 collars on WS. TIH to bridge plug. RU power swivel and reverse unit. Drill out Bridge plug. Continue in hole and drill out remaining plugs. TIH to PBTD (3,495') If possible circulate wellbore clean.
14. POOH and LD WS, and drilling assembly.
15. PU Production string. MU OE mud Anchor w/ perforated sub, SN and tbg. Set SN @ +/- 3,450'. ND BOP and NU Wellhead.
16. TIH w/ attached pump and rod string design. Fill tubing and space out pump accordingly. Verify pump action. Place well on test.

Note: Depending on Fluid levels and Production Rates, A larger pumping unit may be required

17. RD Service Unit, Clean Location and Release.
18. Thank You

**Benson Shugart WFU #13
Chesapeake Operating, Inc.
August 6, 2007
Additional Pay Zones
Conditions of Approval**

- 1. Circulate hole with fluid prior to perforating**
- 2. DHC request required, if already approved, submit order number. Well cannot be produced as proposed in recompletion without down hole commingle order.**

WWI 080607