

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.5. Lease Serial No.
NMLC068905

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No
891000303X8. Well Name and No
PLU BIG SINKS 14 24 30 USA 1H9. API Well No.
30-015-40395-00-X110. Field and Pool, or Exploratory
WILDCAT11. County or Parish, and State
EDDY COUNTY, NM

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

CHESAPEAKE OPERATING INC.

Contact: ERIN CARSON

E-Mail: erin.carson@chk.com

3a. Address

OKLAHOMA CITY, OK 73154-0496

3b. Phone No. (include area code)

Ph: 405-935-2896

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

Sec 14 T24S R30E SWSE 50FSL 2360FEL

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

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.)

CONFIDENTIAL

PERF AND FRAC.

Clean Fluid= 42,277 bbls

Acid 727,500 gal

Proppant- 2,370,120 lbs

ATTACHED IS THE PERF/FAC PROCEDURE.

CHK PN 643075

Accepted 10/31/12
Accepted for record
NMOCD

RECEIVED

OCT 30 2012

NMOCD ARTESIA

14. Thereby certify that the foregoing is true and correct.

Electronic Submission #155822 verified by the BLM Well Information System

For CHESAPEAKE OPERATING INC., sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 10/23/2012 (13KMS3568SE)

Name (Printed/Typed) ERIN CARSON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 10/22/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTED

JAMES A AMOS
Title SUPERVISOR EPS

Date 10/27/2012

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 Carlsbad

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 ****

9/24/2012

0 SICP.HELD PJSA, NU 7 1/16" X 10K FRAC STAK, SET IN 3" HYD CHOKE MANIFOLD, COMMAND CENTER AND BLOW DOWN TANK. SET IN CMT ANCHORS FOR UPSTREAM & DOWN STREAM LINES AND ANCHORS FOR MANIFOLD. TORQUE STAK, TEST MANIFOLD AND FRAC STAK TO 250 PSI. ON LOW SIDE AND 10,000 PSI. ON HIGH SIDE. START FILLING FRAC PIT AND FRAC TANKS.

9/25/2012

0 SICPHELD PJSA, RIG UP CASEDHOLE SOLUTIONS, TIH W/ CBL/CCL/GR TOOLS TO 8400'. LOG UP TO 8100' W/ 0 PSI. ON CSG. DROP BACK DOWN, LOG UP TO 2700' W/ 2000 PSI. ON CSG. TOC @ 2900'. PUMP DOWN CSG., OPEN ORIO VALVE 7400 PSI. @ 1.3 BPM, PUMPED 37 BBLS. SWITCH TO ACID AND PUMPED 5000 GALS. 15% NEFE HCL AND FLUSH W/ 430 BBLS. FRESH WATER @ 12.6 BPM @ 6000 PSI. PICK UP PLUG AND GUNS, TIH AND PUMP DOWN TO 8400' AND PRESSURED OUT. TOOH, SISD.FINISHED FILLING FRAC TANKSCONTINUE FILLING FRAC PIT.

9/26/2012

850 SICP.HELD PJSA, MI, RU PEAK PRESSURE CONTROL 10K LUBRICATOR. PICK UP AND TIH W/ PLUG AND GUNS. PUMP DOWN AND PERFORATE ST. 1 OF FIRST BONE SPRINGS SHALE FROM 13,550'-14,019'. TOOH, ALL SHOTS FIRED. RDMO W/L & LUBRICATOR. SISDFINISHED FILLING FRAC PIT.

10/3/2012

HELD PJSA. MOVE IN AND RIG UP TRICAN FRAC EQUIPMENT AND CASEDHOLE WIRELINE. FINISH LAYING WATER TRANSFER LINE. PRIME EQUIP. AND TEST LINES. SISD.

10/4/2012

545 SICP.HELD PJSA, TEST LINES AND FOUND 1 PUMP WITH LEAKING SEATS. CHANGED OUT VALVES AND SEATS AND MIXED CHEMICALS FOR ACID. STARTED FRACING ST. 1 AND PUMPS KEPT KICKING OUT @ RATE AND GEL PUMPS WERE NOT WORKING. SHUT DOWN TO WORK ON GEL PUMPS. 1' FRAC PUMP WITH SUCTION PROBLEMS AND ELECTRONIC PROBLEMS WITH E-KILLS. FRAC ST. 1 OF FIRST BONE SPRINGS SHALE FROM 13,550'-14,019' AS PER FRAC DESIGN.RIG UP W/L, TIH, PERFORATE ST. 2 FROM 12,965'-13,434'. TOOH, ALL SHOTS FIRED.SISD.NO SPILLS TO REPORT.

10/5/2012

840 SICP.HELD PJSA, TEST LINES, FRAC FIRST BONE SPRING SHALE AS FOLLOWS.ST. 2-AS PER DESIGN.ST. 3-AS PER DESIGNST. 4-AS PER DESIGNST. 5-AS PER DESIGNPERFORATE ST. 3-12,380'-12,849'PERFORATE ST. 4-11,795'-12,264'PERFORATE ST. 5-11,210'-11,679'SISDNO SPILLS TO REPORT.

10/6/2012

874 SICP.HELD PJSA, TEST LINES AND FRAC FIRST BONE SPRINGS AS FOLLOWS:FRAC ST. 6-AS PER FRAC DESIGN.FRAC ST. 7-AS PER FRAC DESIGNFRAC ST. 8-AS PER FRAC DESIGNPERFORATE ST. 6-10,625'-11,094'PERFORATE ST. 7-10,040'-10,509'PERFORATE ST. 8-9455'-9924'RDMO WIRELINE AND FRAC EQUIP.TOTAL LOAD TO REC.-44,151 BBLS.NO SPILLS TO REPORT.

10/8/2012

764 SICP.HELD PJSA, MIRU IPS COIL TBG. UNIT AND ALL RELATED EQUIPMENT. PICK UP AND MAKE UP 2" COIL TBG. CONNECTOR AND PULL TEST. PICK UP AND MAKE UP 2.88" BACK PRESSURE VALVE, 2.88" LOGAN JARS, 2.88" CIRCULATING SUB, 2.88" HYD. DISCONNECT, 2.88" NATIONAL AGITATOR, 2.88" NATIONAL MOTOR, X-OVER AND 4 3/4" JZ BIT. NIPPLE UP AND TEST LUBRICATOR AND TIH W/ 2" COIL. DRILL FRAC PLUGS @ 9,990', 10,580', 11,160' AND 11,745'. FLUID PUMP STARTED HAVING PROBLEMS, TOOH W/ COIL & TOOLS TO SURFACE. REPLACE FLUID PUMP AND TRIP BACK IN HOLE.AT REPORT TIME DRILLING ON PLUG # 5 @ 12,324'.REC. LAST 24 HRS.-920 BBLS.TLTR-44,151 BBLS.TLR-920 BBLS.LTR-43,231 BBLS.

10/9/2012

DRILL FRAC PLUGS @ 12,324', 12,915' AND 13,500' AND CLEAN OUT TO PBTD @ 14,039' WHILE PUMPING SWEEPS, N2 AND MAKING SHORT TRIPS. CIRC. WELL CLEAN, TOOH. BLOW COIL DRY AND FLUSH CSG. W/ 300 BBLS. RDMO COIL UNIT AND RELATED EQUIP. SISD. REC. LAST 24 HRS. -1254 BBLS. TLTR-44,151 BBLS. TLR-2174 BBLS. LTR-42,277 BBLS.

10/10/2012

670 SICP. HELD PJSA, MIRU CASED HOLE SOLUTIONS WIRELINE. PICK UP AND TIH W/ 4.625" GR & JB TO 8200'. TOOH, PICK UP AND TIH W/ WIRELINE RE-ENTRY GUIDE W/ PUMP OUT PLUG IN PLACE, 3 1/2" SUB, X-OVER, 2.313" XN NIPPLE, 2 7/8" SUB, 5 1/2" HALLIBURTON PLT VER. 2 PKR. W/ ON & OFF TOOL W/ "X" PROFILE IN TOP OF PKR. LUBRICATE PKR. IN AND SET @ 8140' W/ TOP OF PKR. @ 8137. EOT @ 8166. TOOH, BLEED PRESSURE OFF. RDMO WIRELINE, ND FRAC STAK. NU 7 1/16" X 10K X 5K SPOOL AND 7 1/16" X 5K HYD. BOP TORQUED AND TESTED TO 250 PSI. ON LOW SIDE AND 5,000 PSI. ON HIGH SIDE. SISD.

10/12/2012

0 SICP. HELD PJSA, MI TYLER WELL SERV. RIG 103. PERFORM RIG INSPECTION, RIG UP PULLING UNIT. SET IN SURFACE EQUIP., RECEIVE, RACK AND TALLY 251 JTS. 2 7/8" L-80 TBG. PICK UP AND TIH W/ ON & OFF RETRIEVING TOOL AND 248 JTS. TBG. SPACE TBG. OUT. SISD.

10/13/2012

0 SICP. HELD PJSA, CIRC. WELL W/ 271 BBLS. 2% PKR. FLUID. LATCH ONTO PKR. TEST ANNULUS TO 500 PSI. ND BOP AND NU 2 9/16" X 5K TREE TORQUED AND TESTED TO 250 PSI. ON LOW SIDE AND 5000 PSI. ON HIGH SIDE. PUMP OUT PLUG @ 2400 PSI. 800 SITP. RIG UP PRECISION SLICKLINE, TIH AND SET GAUGES IN XN NIPPLE @ 8174' TBG. DEPTH. START TIME @ 12:35 MST. TOOH, RD SLICKLINE. RDMO PULLING UNIT. TURN OVER TO PRODUCTION. TOP GAUGE #77073 BOTTOM GAUGE #77081