

District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S St Francis Dr., Santa Fe, NM 87505

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.	30-025-28929
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	SUNBURST COX
8. Well Number	1
9. OGRID Number	147179
10. Pool name or Wildcat	CUERNO LARGO; UPPER PENNSYLVANIA

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

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

2. Name of Operator
Chesapeake Operating Inc.

3. Address of Operator 2010 Rankin Hwy
Midland, TX 79701

4. Well Location
Unit Letter C : 660 feet from the NORTH line and 1650 feet from the WEST line
Section 36 Township 10S Range 32E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4306.7 GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type Depth to Groundwater Distance from nearest fresh water well Distance from nearest surface water

Pit Liner Thickness: mil Below-Grade Tank: Volume bbls; Construction Material

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: RE-COMPLETION ☒

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

CHESAPEAKE, RESPECTFULLY, REQUEST PERMISSION TO RE-COMplete THIS WELL TO THE BOUGH B 9204-9208, BOUGH C 9230-9240, MIDDLE UPPER PENNSYLVANIAN 9796-9808 & STRAWN 10370-10390 ZONES PER THE ATTACHED PROCEDURE.

RECEIVED

MAR 17 2008

HOBBS OCD

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Shay Stricklin TITLE Regulatory Tech. DATE 03/12/2008

Type or print name Shay Stricklin

E-mail address: sstricklin@chkenergy.com Telephone No. (432)687-2992

For State Use Only

APPROVED BY: Chris Williams

OCD DISTRICT SUPERVISOR/GENERAL MANAGER
TITLE

MAR 19 2008

Conditions of Approval (if any):



**Sunburst Cox 1
Wolfcamp & Abo Re-Completion
Lea County, New Mexico**

Date: January 17, 2008

Location: 660' FNL & 1,650' FWL Sec. 36-T10S-R32E

Prod. Casing: 5 1/2", 20#, 0-10,450', ID-4.778", Drift-4.653", Burst-8,430#

Tubing/BHA: 2-7/8" tubing with SN at 9,316' and TAC at 9,123'
1", 7/8" and 3/4" rods with 1-1/2" pump

PBTD/TD: 10,000' / 10,450'

Existing Perfs:

Bough "B"	9,204' – 9,208'
Bough "C"	9,230' – 9,240'
M. Upper Penn	9,796' – 9,808'
Strawn	10,370' – 10,390' (<i>below plug at 10,000'</i>)

Procedure

1. MIRU workover rig. TOH w/ 1", 7/8" and 3/4" rods, 1-1/2" pump and BHA. ND WH. NU BOP. TOH w/2-7/8" production tubing.
2. MIRU wireline unit. RIH and set 5-1/2" CIBP at 9,150'. Dump 35' cement on top of bridge plug. POOH.
3. RIH and perforate Wolfcamp as follows:

Wolfcamp 8,750' – 8,754' 4' 6 SPF 24 holes

Correlate to Welex Density Neutron log from 11/18/84. RDMO wireline unit.

4. PU and RIH w/5-1/2" treating packer on 2-7/8" tubing to bottom perf (8,754') and spot acid across Wolfcamp (8,750' – 8,754'). PUH and set packer at ~8,650'.
5. MIRU acid service and acidize Wolfcamp (8,750' – 8,754') with 1,500 gals 15% HCl and 30 ball sealers (125%). SI to record ISIP, 5, 10 and 15 minute readings. RDMO acid service.
6. Open well and flow back spent acid. Swab well to determine productivity. A gelled acid treatment may be required depending on swab tests.

7. Unset packer and TOH w/treating packer and tubing.
8. MIRU wireline unit. RIH and set 5-1/2" CBP at 8,700', POOH.
9. RIH and perforate Abo as follows:

Abo 8,532' – 8,562' 30' 2 SPF 60 holes

Correlate to Welex Density Neutron log from 11/18/84. RDMO wireline unit.

10. PU and RIH w/5-1/2" treating packer on 2-7/8" tubing and set at 8,450'.
11. RU frac equipment. Pump acid spearhead and then follow with pad and main treatment including 60,000# 20/40 sand as per frac design (design will be sent separate from this procedure when agreed upon with the service company). Shut down and record ISIP, 5 min, 10 min and 15 min pressures.
12. Flow back well until dead. Swab well to determine productivity.
13. Unset 5-1/2" treating packer and TOH w/ packer and 2-7/8" tubing.
14. PU 4-3/4" bit and DC's on 2-7/8" tubing and TIH to CBP set at 8,700'. Drill out plug and clean out well to PBTD (9,115'). Circulate hole clean and TOH. *NOTE: the CBP at 8,700' may not be drilled out depending upon Wolfcamp performance. In which case the tubing string will be run differently pending the results from the Abo.*
15. PU and RIH with 2-7/8" production tubing, SN, perforated sub and mud anchor to 8,760' (below bottom perf).
16. ND BOP. NU WH. RIH w/ rods and pump. Space out and hang off. Load and test pump. Return to production.
Rod design will be sent once well productivity has been evaluated.
17. RDMO workover rig.



Current Wellbore Schematic

SUNBURST COX 1

Field: CUERNO LARGO PENN
County: LEA
State: NEW MEXICO
Elevation: GL 4,306.70 KB 4,321.20
KB Height: 14.50

Location: 660.0 ft FNL & 1.650.0 ft FWL - Section 36 - 010S - 032E

Spud Date: 10/11/1984
Initial Compl. Date:
API #: 3002528929
CHK Property #: 890779
1st Prod Date:
PBDT: Original Hole - 10000.0
TD: 10,450.0

