

Submit To Appropriate District Office
Two Copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-105
July 17, 2008

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

1. WELL API NO.
30-025-38907
2. Type of Lease
 STATE FEE FED/INDIAN
3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:
 COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only).
 C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

5. Lease Name or Unit Agreement Name
Lost Tank 16 State
6. Well Number:
4

7. Type of Completion:
 NEW WELL WORKOVER DEEPENING PLUGBACK DIFFERENT RESERVOIR OTHER

8. Name of Operator: Chesapeake Operating, Inc.
9. OGRID: 147179
10. Address of Operator: P.O. Box 18496 Oklahoma City, OK 73154-0496
11. Pool name or Wildcat: Lost Tank; Delaware

| 12. Location | Unit Ltr | Section | Township | Range | Lot | Feet from the | N/S Line | Feet from the | E/W Line | County |
|--------------|----------|---------|----------|-------|-----|---------------|----------|---------------|----------|--------|
| Surface: | D | 16 | 21S | 32E | | 330' | North | 330' | West | |
| BH: | | | | | | | | | | |

13. Date Spudded: 10/27/2008
14. Date T.D. Reached: 11/10/2008
15. Date Rig Released: 11/12/2008
16. Date Completed (Ready to Produce): 1/16/2009
17. Elevations (DF and RKB, RT, GR, etc.): 3652' GR
18. Total Measured Depth of Well: 8700'
19. Plug Back Measured Depth: 8598'
20. Was Directional Survey Made?: No
21. Type Electric and Other Logs Run: CBL; Poros; Res.

22. Producing Interval(s), of this completion - Top, Bottom, Name
6698'-8554' (grs perms); Delaware

CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 13 3/8" | 54.5# | 1335' | 17 1/2" | 995 sxs. | Circulated |
| 5/8" | 32# | 4250' | 12 1/4" | 1215 sxs. | Circulated |
| 5 1/2" | 17# | 8700' | 7 7/8" | 945 sxs. | 2880' CBL |

| 24. LINER RECORD | | | | 25. TUBING RECORD | | |
|------------------|-----|--------|--------------|-------------------|--------|-----------|
| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE | DEPTH SET |
| | | | | | 2 7/8" | 6680.8' |

26. Perforation record (interval, size, and number)
6698'-6707'; 7032'-7198'; 8504'-8522'; 8547'-8554'.
Perfed w/2 jspf.

| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. | |
|---|---------------------------------|
| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
| 6698'-8554' grs pf | Total-7500 gals 15 % NeFe; Frac |
| | 83.5K D-XL Borate fluid + |
| | 101K# 20/40 Sd. |

PRODUCTION

28. Date First Production: 01/16/2009
Production Method (Flowing, gas lift, pumping - Size and type pump): ESP - 2 7/8" Pump
Well Status (Prod. or Shut-in): Prod.

| Date of Test | Hours Tested | Choke Size | Prod'n For Test Period | Oil - Bbl | Gas - MCF | Water - Bbl. | Gas - Oil Ratio |
|--------------------|-----------------|-------------------------|------------------------|-----------|--------------|-----------------------------|-----------------|
| 02/02/2009 | 24 | | | 396 Bbl | 120 MCF | 201 Bbl. | |
| Flow-Tubing Press. | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl. | Gas - MCF | Water - Bbl. | Oil Gravity - API - (Corr.) | |
| 300 | 250 | | 396 Bbl. | 120 MCF | 201 Bbl. | | |

29. Disposition of Gas (Sold, used for fuel, vented, etc.): Sold
30. Test Witnessed By

31. List Attachments: E-Logs; Well Dev. Report; C-104; Letter of request confidential for e-logs

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. If an on-site burial was used at the well, report the exact location of the on-site burial:

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief
Signature: Linda Good
Printed Name: Linda Good
Title: Sr. Regulatory Comp. Spec.
Date: 02/23/2009
E-mail Address: linda.good@chk.com

Before the Oil Conservation Division
 Case 14301
 Hearing June 2, 2009
 Chesapeake Energy Corp.
 Exhibit No. 5

LOST TANK 16 STATE 4

LEA, NEW MEXICO

LEASE & WELL

(Give Unit, Section, Township and Range)

OPERATOR

CHESAPEAKE OPERATING, INC. 6100 NORTH WESTERN AVE
OKLAHOMA CITY, OKLAHOMA 73154 ATTN: BRYAN ARRANT

DRILLING CONTRACTOR

NABORS DRILLING USA, LP

The Undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

| <u>DEGREES @ DEPTH</u> | <u>DEGREES @ DEPTH</u> | <u>DEGREES @ DEPTH</u> | <u>DEGREES @ DEPTH</u> |
|------------------------|------------------------|------------------------|------------------------|
| .5 | 239 | .2 | 2391 |
| .75 | 538 | 1.0 | 2581 |
| 1.0 | 819 | 1.0 | 2675 |
| 1.75 | 1132 | .6 | 2688 |
| 3.4 | 1339 | 1.1 | 2771 |
| 3.4 | 1434 | 1.2 | 2867 |
| 2.0 | 1530 | 1.5 | 2963 |
| 1.4 | 1626 | 1.6 | 3058 |
| 1.4 | 1722 | 1.3 | 3250 |
| .5 | 1861 | .7 | 3346 |
| .5 | 1957 | .8 | 3442 |
| .1 | 2056 | 1.0 | 3537 |
| .3 | 2152 | .8 | 3633 |
| .3 | 2244 | 2.0 | 4212 |
| .3 | 2295 | .9 | 4281 |
| 1.9 | 4391 | 1.4 | 4494 |
| 1.7 | 4588 | .6 | 4684 |
| .5 | 4876 | .8 | 4684 |
| 1.4 | 5004 | .5 | 4876 |
| 1.8 | 5099 | .8 | 5194 |
| .8 | 5194 | 1.4 | 5289 |
| 1.1 | 5481 | .8 | 5289 |
| 1.1 | 5673 | 1.0 | 5385 |
| 1.1 | 5673 | 1.5 | 5385 |
| 1.3 | 5864 | 1.6 | 5481 |
| 1.3 | 5864 | 1.5 | 5385 |
| 1.3 | 5959 | 1.6 | 8015 |
| 1.2 | 6055 | 1.3 | 8173 |
| 1.3 | 6055 | 1.3 | 8331 |
| 1.0 | 6215 | 1.0 | 8487 |
| .9 | 6373 | 1.3 | 8650 |
| .7 | 6534 | | |
| .8 | 6662 | | |
| .5 | 6948 | | |
| 1.3 | 7107 | | |
| 1.5 | 7231 | | |
| .8 | 7545 | | |
| 1.4 | 7704 | | |
| 1.5 | 7860 | | |
| 1.6 | 8015 | | |
| 1.5 | 8173 | | |
| 1.3 | 8331 | | |
| 1.0 | 8487 | | |
| 1.3 | 8650 | | |

Drilling Contractor

Nabors Drilling USA, LP

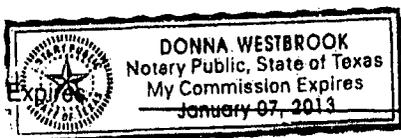
By

Keith Dunn
Keith Dunn-District Manager

Subscribed and sworn to before me this 2nd day of February, 2009

Donna Westbrook
Notary Public

My Commission Expires



MIDLAND

County TEXAS