

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

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|--------------------------------------|--|
| WELL API NO. | 30-025-36751 |
| 5. Indicate Type of Lease | STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 6. State Oil & Gas Lease No. | |
| 7. Lease Name or Unit Agreement Name | Duncan 19 |
| 8. Well Number | 002 |
| 9. OGRID Number | 147179 |
| 10. Pool name or Wildcat | D-K;Abo 15200 |

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|---|---|
| <p>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.)</p> | |
| 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> | |
| 2. Name of Operator | Chesapeake Operating, Inc. |
| 3. Address of Operator | P. O. Box 11050 Midland, TX 79702-8050 |
| 4. Well Location | Unit Letter <u>B</u> : 1050 feet from the <u>North</u> line and <u>1650</u> feet from the <u>East</u> line Section <u>19</u> Township <u>20S</u> Range <u>39E</u> NMPM County <u>Lea</u> |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) | 3535 GR |
| Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> | |
| 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 ORNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: Perf/Acid/Frac ☒

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.

10-10-04 In 7 7/8" hole, ran 179 jts. 5 1/2" 17#, J55 LTC csg. set @ 7700'. Cmt'd 1st stage w/575 sx Cl. C w/50/50 Poz + additives. 2nd stage cmt'd w/1500 sx Cl C w/50:50 Poz + additives, tail in w/100 sx Cl. C Ran temp survey, TOC @ 1,190'.
10-16-04 MIRU Gray WL Serv. RIH w/CBL/VDL/CCL from PBDT 7652 - 5000'. RIH w/4" csg. guns, perf. Lower Abo 7422 - 7504' @ 2 jspf (97 holes).
10-17-04 MIRU Cudd, acidize Lower Abo w/5,000 gals 15% NeFe. POOH, set 5 1/2" CST pkr @ 7302'. 4 BS/2.5 bbls. swab.
10-20-04 Acidize Lower Abo w/20,000 gals 20% Ultragel, press. up BS to 1500#, stg. 1 - 3,000 gals 20% gelled NeFe @ 5.9 BPM, 3580#, stage 2 - 2,000 gals 20% gelled Ne/Fe, 6 BPM @ 4215#, stage 4 - 8,000 gals 20% Ultragel, 5.8 BPM @ 4560#, stage 5 - 1,000 gals 20% gelled NeFe, 6 BPM @ 4300#, stage 6, flush w/2% KCL, 6 BPM @ 5393#. Swabbing
10-23-04 Perforate Middle Abo 7,312 - 7,392' @ 4 jspf (56 holes)
10-24-04 Acidize Middle Abo w/2,000 gals 15% neFe, spot 150 gals 15% @ 7,392'. NU frac valve, stage one break down formation @ .5 BPM, 4330#, stage 2 - 1,850 gals 15% NeFe @ 3.6 BPM. 5740#, 30 balls on form. Press. incr. to 5850#, break back to 800#, good ball action, stage 3 - flush w/2% KCL, 4 BPM @ 1700#, avg. rate 4 BPM, avg. psi 2850#, max psi 5850#, ISIP 1100#. Swab
10-28-04 RIH w/2 1/2" x 1 1/2" x20' RHBC pump. Hung well on and began testing.

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 NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Brenda Coffman

TITLE Regulatory Analyst

DATE 12/10/2004

Type or print name Brenda Coffman

E-mail address: bcoffman@chkenergy.com

Telephone No. (432)687-2992

For State Use Only

APPROVED BY: [Signature] TITLE

Conditions of Approval (if any):

PETROLEUM ENGINEER

DEC 15 2004