

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

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103

May 27, 2004

WELL API NO.	30-025-36717
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	Barber-Adkins 8
8. Well Number	002
9. OGRID Number	147179
10. Pool name or Wildcat	Monument; Abo, Southeast

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
P. O. Box 11050
Midland, TX 79702-8050

4. Well Location
Unit Letter L : 1600 feet from the South line and 630 feet from the West line
Section 8 Township 20S Range 37E NMPM Countylea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3546 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 ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

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

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.

7-25-04 TD'd well.

7-26-04 Ran Dul Induction, Microlog, Gamma Ray, compensated Spectral Natural Gamma, Dual Spaced Neutron and Spectral Density logs from TD to 5,155'.

7-27-04 Ran 67 jts. 4 1/2" 11.6# J55 LTC 8RD csg. set @ 7,920'. Cmt. w/260 sx 61:15:11 Poz C + additives.

8-07-04 RIH w/2 3/8" tbg, tag TOL @ 4,987'. Clean out liner from 4987' - 5,080'. Rec. small amt of cmt and rubber, circ clean, test to 1500# for 5 mins - OK. Tag PBTD @ 7,820'. Circ hole clean w/FW. ROLD 248 jts. tbg.

8-08-04 Ran CBL/VDL/GR/CCL from 7801 - 2700'. TOC @ 3700'.

8-09-04 RU Petroplex. Test csg and liner to 2000# - OK. Pickle tbg, circ hole, spot acid, pump 3 bbls 15% HCL, 216 bbls 2% KCL, 12 bbls 15% NeFe HCL and 26 bbls 2% KCL, RD Service Co, LD 5 jts. tbg, POOH w/tbg.

8-10-04 Load csg w/12 bbls 2% KCL, test to 4000# w/rev. unit, held. RU Apollo WL and perf Abo 7634 - 7650, 7660 - 7690' w/2 spf, 94 holes, 3 1/8" guns. RIH w/246 jts. 2 3/8" tbg., pump 15 bbls 2% KCL down annulus. Set pkr @ 7517' w/15,000"# compression. Swabbing.

8-11-04 RU Cudd Pumping Service, acidize Abo w/2500 gals 15% neFe HCL w/141 RCN BS. RD.

8-14-04 RU Apollo WL, perforate squeeze holes from 7755 - 7759 @ 4 spf, 16 holes.

8-15-04 RU Apollo WL, Set 4 1/2" CiCR @ 7,720'. POOH, RD. Tag CICR @ 7,720'. Sting into CICR, set 20,000# on same, attempt to break down perfs w/3000# held 30 mins. sting out CICR, LD 7 jts. tbg. POOH w/246 jts. tbg. Set CICR @ 7520'.

Squeeze perfs 7634 - 7690' w/200 sx C.

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 02/08/2005

Type or print name Brenda Coffman

For State Use Only

E-mail address: bcoffman@chknm.gov Telephone No. (432)687-2992

PETROLEUM ENGINEER

APPROVED BY: Brenda Coffman TITLE _____ DATE FEB 15 2005
Conditions of Approval (if any): _____

CHESAPEAKE OPERATING, INC.
P. O. BOX 11050
MIDLAND, TEXAS 79702-8050

February 8, 2005

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Barber Adkins 8 #2

- 8-14-04 RU Apollo WL, perf squeeze holes from 7755 – 7759' @ 4 spf (16 holes) POOH, WL stranded w/4200' line in hole, raise lubricator, cut birds nest off line and out of lubricator, SDFN.
- 8-15-04 Sting into CICR, break circ w/20 bbls 2% KCL. Test position to 2000#, finish sting into CICR, set 20,000# on same, attempt to break down perms w/3000# held 30 mins. Sting out CICR, LD 7 jts tbg., POOH w/246 jts. Tbg. RU BJ Service. Pump 30 bbls 2% KCL down tbg., set CICR @ 7,520'. Load annulus w/22 bbls 2% KCL, test to 1000#. Squeeze perms 7634 – 7690' w/200 sx C + 2/10% CD 32 + 5/10% FL 62, 14.8#, 42 bbls slurry, 3 BPM @ 1075# w/17 bbls cmt pumped, 2.5 BPM @ 220# w/30 bbls cmt., pump 2 BPM @ 50# w/42 bbls cmt. SD.
- 8-18-04 Began swabbing.
- 8-20-04 Reperforate Abo 7634 – 7650, 7660 – 7675' @ 2 spf.
- 8-21-04 Acidize Abo w/1500 gals 15% neFe HCL RD.
- 8-22-04 Swabbing.
- 8-26-04 Set 4 1/2" CIBP @ 7610' + 3' cmt on top. Perforate Abo 7484' – 7491', 7501' – 7509', 7528' – 7536' w 3 1/8" gun, 4 spf.
- 8-27-04 Acidize Abo w/2500 gals 15% neFe HCL w/96 BS. Began testing.
- 9-02-04 Perforate Abo 7282' – 7447 @ 2 spf w/3 1/8" gun. (118 holes) RU Cudd Pumping Service, spot 500 gals 15% NeFe HCL. RD Cudd. RU swab. Began swabbing.
- 9-03-04 Acidize Abo w/5,000 gals 15% neFe HCL + BS. Swabbing.

- 9-09-04 Acidize Abo w/20,000 gals gelled acid in 7 stages. 4,000 gals Ultragel, 1300 gals gel acid, 4,000 gals Ultragel, 1300 gals acid w/20 RCN BC, 4,000 gals Ultragel, 1,300 gals gel acid w/20 RCN ball sealers, 4,000 gals Ultragel, flush w/30 bbls slick 2% KCL + 30 bbls overflush. Swabbing.
- 9-15-04 RU Apollo Set CIBP @ 7,270' load 7" csg. w/75 bbls 2% KCL, test plug to 3000# for 5 mins – ok. Perf. Abo 7182 – 7262 @ 2 spf w/3 1/8" csg. Gun, (84 holes)
- 9-16-04 RU Cudd Pumping service, spot 500 gals 15% neFe HCl @ 7,263'. Set pkr @ 7,031' w/15,000# compression. Test pkr to 1000#, formation broke @ .5BPM, 4700#, pressure broke to 1800#. Acidize Abo w/4500 gals 15% neFe HCL + 100 BS. Swabbing.
- 9-22-04 Pressure csg. To 1000# - OK. Mix and pump 100 sx Cl. H Neat cmt w/2% CaCl .
- 9-23-04 RU Gray WL. Perf. Abo B 6930 – 7034' w/3 1/8" csg. Guns, 42" hole, 2 spf. Spot 200 gals 15% neFe acid @ 7,036'. LD 7 jts. 2 3/8" tbg. Rev. w/10 bbls 2% KCL. Swabbing.
- 9-29-04 RU cudd Acidize Abo B w/10,000 gals 20% gelled acid. Swabbing.
- 10-07-04 RIH w/ 4 1/2" 10,000# Hall fast drill CBP and CCL, set CBP @ 6,920'. POOH, load hole w/210 bbls 2% kCL, press up on CBP to 2000# OK. RIH w/3 1/8" csg. Guns, 42" hole, 2 spf. Perf. Abo A 6836 – 6904, 56 holes. POOH.
- 10-08-04 RU Crain Acidizing. Spot 200 gals 15% NeFe @ 6,904' w/25 bbls 2% KCL. Set pkr @ 6739', pump 6 bbls 2% KCL @ 1.5 BPM. Acidize Abo B w/3000 gals 15% neFe acid + 84 BS. Flush w/28 bbls 2% KCL, excellent ball action, ball out w/56 balls on formation w/4800#, surge and finish flush. Swabbing.
- 10-12-04 Acidize Abo A w/10,000 gals 20% gelled acid in 5 stages. Swabbing.
- 10-14-04 Tag CBP @ 6,920', drill out CBP. POOH w/2 3/8" tbg, DCs and bit.
- 10-16-04 RIH w/pump and rods. RIH w/221 jts. 2 3/8" J55 tbg. Set TAC @ 6,760'. RIH w/2" x 1 1/2" x 20' RHBC pump.
- 10-22-04 First Gas Sales to Versado on 10/21/04. Began testing well.

01-21-05 MIRU unseat pump, kill tbg. POOH w/rods and pump, RIH w/1' - 3/4" sub and 2" x 1 1/2" x 20' RHVC pump and 1 1/2" x 22' spray metal polish rod, 101 7/8" KD rods, 193 3/4" rods and 6 1 1/2" K bars, load w/22 BPW, test to 500# - Good pump action.