

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.	30-015-33412
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	Esperanza 4
8. Well Number	004
9. OGRID Number	147179
10. Pool name or Wildcat	Carlsbad;Morrow,South (Pro Gas) 73960

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 N : 660 feet from the South line and 1530 feet from the West line
Section 4 Township 22S Range 27E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3134 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: ☐

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.

6-18-04 Spud 17 1/2" surface hole. Ran 10 jts. 13 3/8" 48# H-40 STC csg. set @460'. Cmt'd w/500 sx Cl. C + additives. Circ. 80 sx to pit. WOC 24 hrs.
6-29-04 Ran DLL; GR/N/D
6-30-04 In 12 1/4" hole ran 121 jts. 9 5/8" 40# K-55 LTC csg. set @ 5,310'. Cmt'd w/1000 sx 50:50 Poz + additives, tail in w/300 sx Cl. C + additives. WOC 24 hrs. Ran temp survey. TOC @ 820'. Top out w/450 sx Cl. C Neat + additives, 14.8 ppg, 1.34 yield, did not circ cmt. TOO, LD 1" tbg. WOC, TIH w/1" tbg., cmt. w/150 sx Cl C Neat + additives. Full returns, circ 15 sx to pit. Tested csg to 1000 psi - OK
8-01-04 In 8 3/4" hole ran 290 jts. 5 1/2" 17# and 20# L-80 LTC prod Csg set @ 11,974'. Cmt'd w/975 sx 50:50:2 Cl. H + additives, Circ 180 sx cmt off DV tool and circ through DV tool. Cmt. 2nd stage w/525 sx 50:50:10 Cl. H + additives. Tail in w/100 sx Cl. H Neat. RD Release Nabors rig #311 @ 3:00 a.m. on 8/2/04
8-19-04 Circ. hole clean. RIH w/106 jts. 2 7/8" tbg. tag cmt @ 11,822', drill 15' plug, fell out @ 11,837', tag float collar @ 11,894', circ. hole clean, displace w/7% KCL, test csg to 2000# - OK. RU Cudd. POIOH w/375 jts. 2 7/8" tbg. LD DCs and bit.
8-20-04 RU Gray WL RIH to PBTD @ 11,894'. Ran CBL/CCL/GR logs. RIH w/ 3 1/8" csg. guns, perf Lower Morrow 11,820 - 11,833, 11,798 - 11,804 @ 4 spf. POOH. RIH w/20 jts. tbg.
8-21-04 RU Cudd spot 200 gals 7.5% NeFe and EOT.
8-22-04 Press. csg. to 1500#, tie onto tbg., pump 3 bbls 7% KCl, formation broke @ 3850#, 2.5 BPM. Pump 1300 gals 7.5% NeFe w/100 BS - swabbing.
CONTINUED ON PAGE 2

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 09/25/2004

Type or print name Brenda Coffman E-mail address: bcoffman@chkenegy.com Telephone No. (432)685-4310

For State Use Only
APPROVED BY: TIM W. GUM DISTRICT II SUPERVISOR TITLE _____ DATE SEP 28 2004

Conditions of Approval (if any):

FOR RECORDS ONLY

Esperanza 4-4
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Sundry Notice

September 25, 2004

- 8-27-04 Frac Lower Morrow w/40# 70Q Binary pad @ 27 BPM, pump 92 bbls pad, ramp .25# 18/40 Versaprop sand @ 25 BPM, 5300#, pump 37 bbls ramp .5# sand @ 25 BPM, 5800#, pump 23 bbls, ramp 1# sand @ 26 BPM, 5800#, pump 28 bbls ramp 1.5# sand @ 30 BPM, 5800# pump 34 bbls, ramp 2# sand @ 30 BPM, 5700#, pump 36 bbls ramp 2.5# @ 35 BPM, 5900#, pump 47 bbls, ramp 3# @ 35 BPM, 6000# w/17 BF, flush w/98 bbls @ 35 BPM, 6200#, ISIP 4610#.
- 8-28-04 Swabbing.
- 9-04-04 RIH w/5 ½" CIBP set @ 11,750'. RIH w/cmt bailer and bail 2 sx cmt on plug. Pressure csg. To 2000# - OK. RIH w/perforating guns, perforate Middle Morrow 11,716 - 11,724, 11,633 - 11,636, 11,613 - 11,620' @ 4 spf.
- 9-08-04 RIH w/ pkr, SN and 375 jts. 2 7/8" tbg. RU Cudd, spot 200 gals 7.5% NeFe acid @ EOT. LD 6 jts. Tbg. Rev. acid up into tbg. w/7% KCL, set pkr. @ 11,540', test pkr to 1500#. Press. Csg. To 1000#. Pump 7% KCL @ 1.4 BPM, form. Broke @ 3350#, switch to acid, pump 1,300 gals 7.5% HCL @ 4 BMP, 4400#, flush w/71 bbls 7% KCL, - Swabbing.
- 9-14-04 RU BJ, frac Middle Morrow. Pump 3,595 gals 40# Binary pad., start .25# 18/40 Versaprop sand, pump 1,541 gals @ 25 BPM, 6600#, start .5# sand, pump 1,512 gals @ 25 BPM, 6550#, start 1# 18/40 Versaprop sand, pump 1,176 gals @ 25 BPM, 6530#, pump 1.5# sand w/1,428 gals @ 25 BPM, 6580#, pump 2# sand w/1,507 gals @ 25 BPM, 6470#, start 2.5# sand, pump 1,890 gals @ 25 BPM, 6320#, pump 537 gals w/3# 18/40 Versaprop sand @ 25 BPM, 6200#, flush w/4,998 gals 40# binary flush, ISIP 5680#. RD csg. Saver and BJ. Open well up w/5200#, flow back 11 hrs. on 48/64". Rec 156 BW.
- 9-15-04 Well flowed down to 25# on 48/64" chk. Rec. 170 BW. Tag PBTD @ 11,750'. POOH. Pump 75 bbls 7% KCL down csg. ND frac valve.
- 9-16-04 RIH w/4 5/8" bit and 320 jts. 2 7/8" tbg. Set pkr @ 11,454'. Test annulus to 1000# - OK. RU Pro WL SL truck. Rel. pkr. POOH w/366 jts. Tbg. SN and pkr. RIH w/bit and 320 jts. 2 7/8" tbg. SD
- 9-17-704 RIH w/5 ½" Arrow Set pkr and 120 jts. Tbg. Tag sand @ 11,557', clean out sand to PBTD @ 11,750', circ well clean.

- 9-19-04 In 24 hrs. on 36/64" choke, 32 BW, est. 1,000 MCFG, TP 140
- 9-21-0 POOH w/332 jts. Tbg. Well flowing on 36/64" est 720 MCFG, TP 120#. Tie onto tbg., pump 60 bbls 7% KCL down tbg. To kill well, ND wellhead, NU BOP, rel. pkr. POOH w/369 jts. 2 7/8" tbg., SN and pkr. RU Gray WL.
- 9-22-04 RIH set plug @ 11,560', POOH, PU bailer bail 1 sk cmt on plug. POOH, press csg. And plug to 2000# - OK. Perforate Upper Morrow 11,497 – 11,499', 11,510 – 11,516, 11,520 – 11,524 @ 4 spf. POOH
- 9-23-04 RIH w/368 jts. 2 7/8" tbg. RU Cudd. Spot 200 gals 7.5% NeFe. Formation broke. Pump 7.5% HCL acid, 1300 gals, flush w/2851 gals 7% KCL. RD Cudd. Rel pkr. POOH w/tbg. SN and pkr. ND BOP< NU frac valve.
- 9-24-04 Frac Upper Morrow w/3,901 gals Versaprop sand w/1,541 gals. Total sand 37,884#. RD