

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-6161 Fax:(505) 393-0720
District II
1301 W. Grand Ave., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-103
Permit 42546

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVIOR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NUMBER 30-015-34938
1. Type of Well:O		5. Indicate Type of Lease P
2. Name of Operator CHESAPEAKE OPERATING, INC.		6. State Oil & Gas Lease No.
3. Address of Operator P. O. BOX 18496 , OKLAHOMA CITY , OK 731540496		7. Lease Name or Unit Agreement Name ESPERANZA 4
4. Well Location Unit Letter O : 553 feet from the S line and 1650 feet from the E line Section 4 Township 22S Range 27E NMPM Eddy County		8. Well Number 005
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3124 GR.		9. OGRID Number 147179
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 _____		10. Pool name or Wildcat See Area 13

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 OF PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
Other:

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTER CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDON ☐
CASING/CEMENT JOB ☐
Other: **Perforations/Tubing** ☒

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.
10-14-06 Perf. Del.5159-5199,5210-5224@1spf.Acid.w/1500 gals7.5%NeFe HCL+40BS. Spt200gals @ 5226' Swab.10-18-06 Frac w/58212 gals 30# linear gel, pump 75820# Wh 16/30sd, tail w/20800#. Clean/swab10-31-06 RIH set CBP @ 5100', test to 3000#-ok.11-01-06 Perf Brushy Canyon 4022-4162 (29holes). Acidize w/1500 gals 7.5% NeFe+40BS.Spot 200 gals @4162' Swab.11-04-06 Frac w/58632 gals 30#linear gel,pump 80867# 16/30 wh sd,tailw/20000#16/30RC Siberprop.11-07-06 RIH drill out CBP,push to btm. POOH w/tbg. Swab11-11-06 RIH w127 jts. 2 7/8" N-80 tbg. set @5138'. Pump 2 1/2" x 1 3/4" x 24' RHBC.

Perforations

Pool: ESPERANZA,DELAWARE, 22640 Location: O -4-22S-27E 553 S 1650 E

TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount
5159	5224	Y	1		Sand	Frac	58212
4022	4162	Y	1		Sand	Frac	58632

Tubing

ESPERANZA,DELAWARE, 22640

Tubing Size	Type	Depth Set	Packer Set
2.875	N80	5138	

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 Electronically Signed TITLE Regulatory Analyst DATE 11/30/2006

Type or print name Brenda Coffman E-mail address bcoffman@chkenergy.com Telephone No. 432-685-4310

For State Use Only:

APPROVED BY: Bryan Arrant TITLE Geologist DATE 11/30/2006 10:41:03 AM

Tubing Comments

OGRID: [147179] CHESAPEAKE OPERATING, INC.

Permit Number: 42546

Permit Type: Tubing

Created By	Comment	Comment Date
BSCOFFMAN	I have requested the log tops and lith from geology. I will submit with completion papers.	11/30/2006