

Submit 3 Copies To Appropriate District  
Office  
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

Form C-103  
June 19, 2008

RECEIVED

DEC 01 2009

HOBBSOCD

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)		WELL API NO. 30-025-27553 ✓
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Chesapeake Operating, Inc.		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 18496 Oklahoma City, OK 73154-0496		7. Lease Name or Unit Agreement Name Herman ✓
4. Well Location Unit Letter <u>F</u> : <u>1650'</u> feet from the <u>FNL</u> line and <u>1980'</u> feet from the <u>FWL</u> line Section <u>8</u> Township <u>20S</u> Range <u>38E</u> NMPM County <u>Lea</u>		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc) <u>3566' GR</u>		9. OGRID Number <u>147179</u>
		10. Pool name or Wildcat Nadine Paddock; Blinebry, West ✓

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 ☐  
DOWNHOLE COMMINGLE ☐

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.

Please find the following work performed in the plug and abandonment of this well from 11/16/09 through 11/24/09:

11/16/09: Hold PJSA. SIP-40#. Bled off. MIRU PU. TIH w/bit & tbg. Tag fish @ 5460', RU reverse unit. Pumped 200 bbls of FW @ 3 BPM, Could not break circ. TOH w/tbg & BHA SISD.

11/17/09: Hold PJSA. SIP-0#. TIH w/fishing tools. Tag fish @ 5460'. Attempt to fish out. TOH w/tbg. SISD.

11/18/09: Hold PJSA. SIP-0#. TIH w/tbg to tag fish @ 5462'. Pump 65 bbls FW down tbg. MIRU WL. TIH w/DHV video. Shows sliced csg & piece of csg on tbg. Called & recieved approval from NMOCD's Buddy Hill to plug well. RDMO unit TOH w/tbg. TIH w/pkr & set @ 5247'. Load backside w/55 bbls., Press 500# (OK) SISD.

11/19/09: Hold PJSA. SIP-0#. Pkr @ 5247', Press backside to 200#. MIRU PU. Mix & pump 60 bbl of star-seal formica w/2 sxs of gel in 20 bbls FW. Displace to EOT 1 BPM @ 0#. Shut down 15 min. Tbg on vac., mix & pump 100 #s of star-seal w/ 15 bbls of FW, displace to EOT, 1 BPM @ 0#, SD for 30 min. Tbg on vac. Mix & pump 130 # of star-seal w/15 bbls of FW, Displace to EOT, 1 bpm @ 0#, Shut down for 1 hour. Tbg on vac. Mix & pump 45 sxs of class C w/2% CaCl2, 14.8 ppg, 1.32 yield, Displace w/31 5 bbls to 5297', 1 bpm @ 0#, SD, Tbg on vac. SISD WOC. Witnessed by Mark Whitaker w/NMOCD.

(Cont. pg 2)

Spud Date:

Rig Release Date:

Approved for plugging of well bore only.  
Liability under bond is retained pending receipt  
of C-103 (Subsequent Report of Well Plugging)  
which may be found at OED Web Page under  
Forms, www.emnrd.state.nm.us/oed.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

TITLE Senior Regulatory Compl. Sp.

DATE 11/25/2009

Type or print name Bryan Arrant

E-mail address: bryan.arrant@chk.com

PHONE: (405)935-3782

For State Use Only

APPROVED BY:

TITLE

DISTRICT 1 SUPERVISOR

DATE

DEC 02 2009

Conditions of Approval (if any):

Herman # 1  
Unit F, Sec. 8, T-20-S R-38-E  
Lea Co., NM  
(API # 30-025-27553)  
P&A report continued

11/20/09:

Hold PJSA SIP #0. RU Rising Star, Load tbg w/17 bbls of FW. Clear end of tbg w/13 more bbls ½ bpm @ 1225#, SD. Press, bled back to 0 # in 7 mins. Release pkr, TOH w/tbg & pkr. TIH w/tbg open ended to tag @5460'. Spot 35 sxs class C cmt w 2% CaCl<sub>2</sub>, 14.8 ppg, 1.34 yield, 8.3 bbls of slurry & 29 5 bbls of FW. TOH w/ 18 jts tbg to @ 4900'. Displace cmt to 5300' w 4.5 bbls, 1 BPM @ 500#. SI & WOC for 3 ½ hours. TIH to tag @ 5300". Press to 500# (OK) Displace hole w/115 bbls of plugging mud. TOH & laydown 59 jts of tbg. to 3435' SISD.

11/23/09:

Hold PJSA, SIP-0#, TOH w/tbg. MIRU WL. TIH w/guns, perf 4 squeeze holes @ 2674', TOH w/guns, TIH w/ pkr & tbg, Set pkr @ 2485', Press backside to 300# OK, MIRU Rising Star, Mix & pump 25 sxs of class C neat w/2% CaCl<sub>2</sub>, 14.8 ppg, 1.32 yield, displace w/16 bbs of plugging mud to 2553', BPM @ 1300#, Left SI for 2 1/2 HRS., SIP-700#, Bled off, Rel.pkr & TOH w/tbg & pkr, RU W L TIH w//guns to tag TOC @ 2532', Pull up & perf 4 holes @ 1545', TOH w/guns, TIH w/pkr & tbg Set pkr @ 1340', Press backside 300# OK, Had wtr flow, mix & pump 25 sxs class C neat w/2% CaCl<sub>2</sub>, 14 8 ppg, 1 32 yield, displace w/10.2 bbls of plugging mud to 1445', 1 bpm @ 1100#. Had 8 5/8" shut in while cmtg, 8 5/8" had hole just below whd, flowed 5 BBLS of wtr during job. Reported all activities to Maxey Brown with the NMOCD SISD WOC.

11/24/09:

Hold PJSA, SIP-0#, Rel pkr. TOH laid down tbg & pkr. RU W.L., TIH w/guns to tag TOC @ 1420', Pull up & perf 4 holes @ 400', TOH, RDMO W.L., RU Rising star, broke circ out 8 5/8" csg w/plugging mud, ND BOP, NU WHD, Mix & pump 110 sxs, class C, 14.8 PPG, 1.32 yield, 26 bbls of slurry, 1 BPM @ 120#, squeeze cmt from 400' to surface in 5 1/2" & 8 5/8", RDMO Rising star, RDMO rig, Rel all equip.

Well bore P&A'd on 11/24/09. Turn over to production for final clean up.