

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  
May 27, 2004

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

WELL API NO.

30-025-29941

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

K-5796

7. Lease Name or Unit Agreement Name

State Section 17 Com

8. Well Number

2

9. OGRID Number

014021

10. Pool name or Wildcat

North Vacuum Atoka-Morrow

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

Marathon Oil Company ATTN: Randy Bose

3. Address of Operator

P.O. Box 552, Midland, Texas 79702

4. Well Location

Unit Letter F : 1,980 feet from the North line and 1,980 feet from the West line  
Section 17 Township 17-S Range 35-E NMPM County Lea

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

3,982' GL 3,311' KB

Pit or Below-grade Tank Application ☒ or Closure ☐

Pit type STEEL Depth to Groundwater Distance from nearest fresh water well Distance from nearest surface water N/A

Pit Liner Thickness: STEEL mil Below-Grade Tank: Volume 180 bbls; Construction Material STEEL

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.

See attached proposed plugging procedure & current wellbore diagram

THE OIL CONSERVATION DIVISION MUST  
BE NOTIFIED 24 HOURS PRIOR TO THE  
BEGINNING OF PLUGGING OPERATIONS.



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

TITLE James F. Newman, P.E. (Triple N Services) DATE 02/06/07

Type or print name

E-mail address: jim@triplenservices.com Telephone No. 432-687-1994

For State Use Only

APPROVED BY:

TITLE

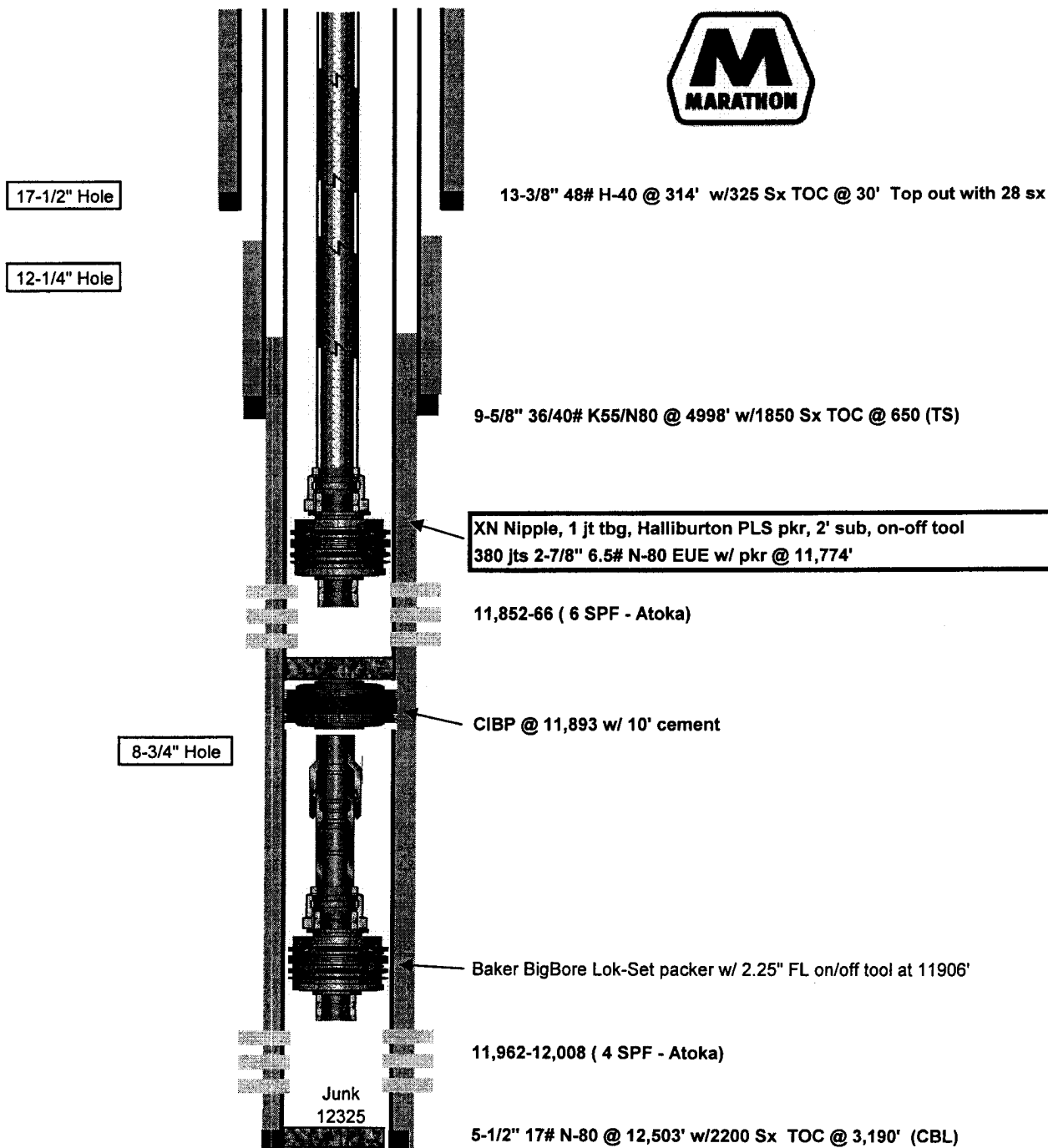
DATE

Conditions of Approval (if any):

OC FIELD REPRESENTATIVE II/STAFF MANAGER

FEB 15 2007

Well Name & No.		Section 17 State Com # 2		Field	North Vacuum Atoka-Morrow	Date: 01/31/07
County	Lea	API	3002529941	State	NEW MEXICO	BY: R. S. Bose
Spudded	6/23/1987	Comp Drig	7/28/1987	Location	1980' FNL & WL, Section 17, Township 17S, Range 35E UL "F"	



GL: 3,982' DF: 3311' KB: 4,000'

Junk - FSG and FWG wireline set blanking plugs (2)

**Proposed Plugging Procedure  
Marathon Oil Company  
State Section 17 Com #1**

Surface casing: 13<sup>3</sup>/<sub>8</sub>" 48# H-40 @ 314' circulated  
Intermediate csg: 9<sup>5</sup>/<sub>8</sub>" 36/40# K55/N80 @ 4,998', cmt'd w/ 1,850 sx, TOC 650' by TS  
Production csg: 5<sup>1</sup>/<sub>2</sub>" 17# N80 @ 12,503' cmt'd w/ 2,200 sx, TOC 3,190' by CBL  
Open perms: 11,852 – 11,866' (Atoka)  
Tubing/packer: 2<sup>7</sup>/<sub>8</sub>" 6.5# N80 EUE with Halliburton PLS packer & on/off tool @ 11,774'.

1. Notify NMOCD prior to move-in & daily with plugs. Set 180 bbl steel work pit and flow well down as needed.
2. MIRU plugging equipment. NU BOP. Release packer and POOH standing back production tubing. Lay down packer.
3. RIH w/ HM tbg-set CIBP on production tubing, set CIBP @ 11,802'. Circulate hole w/ mud and pump 25 sx cmt on top of CIBP. **Atoka plug**
4. POOH w/ tbg to 9,563'. Load hole w/ plugging mud and pump 25 sx cmt @ 9,563'.  
**Wolfcamp plug**
5. POOH w/ tbg to 6,202'. Load hole w/ plugging mud and pump 25 sx cmt @ 6,202'.  
**Glorieta plug**
6. POOH w/ tbg to 5,050'. Load hole w/ plugging mud and pump 25 sx C cmt w/ 2% CaCl<sub>2</sub> @ 5,050'. POOH w/ tubing standing back 3,050' and laying down remainder. WOC & TAG this plug no deeper than 4,948'. **Intermediate casing shoe plug**
7. RIH w/ wireline and cut 5<sup>1</sup>/<sub>2</sub>" casing @ ~3,000' (TOC 3,190' by CBL). POOH w/ wireline. RU casing tools and POOH w/ 5<sup>1</sup>/<sub>2</sub>" casing. If casing is not free, RIH w/ tubing and pump 25 sx C cmt w/ 2% CaCl<sub>2</sub> 50' below casing cut. WOC & TAG this plug. **Casing stub & base of salt plug**
8. POOH w/ tbg to 2,300'. Load hole w/ mud and pump 35 sx C cmt 2,300 – 2,200'. POOH w/ tubing. **Top of salt plug**
9. RIH w/ wireline and perforate 9<sup>5</sup>/<sub>8</sub>" casing @ 364'. POOH w/ wireline.
10. RIH w/ AD-1 packer to 180'. Load hole w/ mud and squeeze 115 sx C cmt w/ 2% CaCl<sub>2</sub> 364 - 264'. WOC and tag this plug no deeper than 264'. **Surface casing shoe plug**
11. ND BOP and wellhead. RIH w/ tubing to 60' and pump 20 sx C cmt 60' to surface. RDMO.
12. Close working pit. Cut off wellhead and install dryhole marker. Cut off anchors and level location.