

Submit 1 Copy To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88201  
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  
October 13, 2009

RECEIVED

MAR 16 2010  
HOBBS

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

WELL API NO. 30-025-12464
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 WB Maveety
8. Well Number 5
9. OGRID Number 147179
10. Pool name or Wildcat Eumont Yates 7 Rvrs QN (Pro Gas)
11. Elevation (Show whether DR, RKB, RT, GR, etc ) 3609' GR

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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator Chesapeake Operating, Inc.	
3. Address of Operator P.O. Box 18496 Oklahoma City, OK 73154-0496	
4. Well Location Unit Letter <u>G</u> : 1989' feet from the <u>North</u> line and <u>1991</u> feet from the <u>East</u> line Section <u>35</u> Township <u>19S</u> Range <u>36E</u> NMPM County	
11. Elevation (Show whether DR, RKB, RT, GR, etc ) 3609' GR	

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 ☐

SUBSEQUENT REPORT OF:

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

OTHER: ☐ 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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Chesapeake Operating, Inc. plans to plug and abandon this well.

Please find the plug and abandonment procedure, actual and proposed well bore diagram and NMOCD's C-144 (CLEZ) pit permit.

The Oil Conservation Division **Must be notified**  
**24 hours prior** to the beginning of plugging operations

Spud Date:

Rig Release Date:

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

SIGNATURE Bryan Arrant TITLE Senior Regulatory Compl. Spec. DATE 03/15/2010

Type or print name Bryan Arrant E-mail address: bryan.arrant@chk.com PHONE: (405)935-3782

For State Use Only

APPROVED BY: [Signature] TITLE Staff MGR DATE 3-17-10

Conditions of Approval (if any):



**W B Maveety 5-35  
Plug and Abandonment  
Lea County, NM**

**Current Wellbore Information**

TD: 3,940' PBDT: 3,715'

**Casing Data**

Casing	OD	Weight	Grade	Depth Set	TOC
Surface	13"	50#	NA	296'	Surface
Intermediate	9-5/8"	36#	NA	2,464'	1,928'
Production	7"	24#	NA	3,778'	2,698'

**Pressure and Dimensional Data**

Size	Weight	Grade	Drift	Collapse	Burst	80% Burst
13"	50#	NA	NA	NA	NA	NA
9-5/8"	36#	NA	8 7/65	1,740	2,560	2,048
7"	24#	NA	NA	NA	NA	NA

\*Assumed H-40 grade for the 9-5/8" casing

**Existing Perforations**

Perfs	Top Perf	Bottom Perf	Status	SPF
Yates	2,801'	2,955'	Producing	2
Seven Rivers	3,008'	3,135'	Producing	2
Queen	3,220'	3,304'	Producing	2
Penrose	3,386'	3,550'	Producing	4

**Other In Hole**

OIH	Location
Fish	3,566'

**Formation Tops**

Formation	Location
T Salt	1,198'
B Salt	2,370'

GL: 3,609.3' KB: 9' KB Height: 3,618.3'

**Procedure**

1. Notify the NM OCD 24 hours in advance prior to commencing plug and abandonment operations.
2. Hold PJSA meeting prior to beginning work each morning and as required for specific operations.
3. Prep location. Check anchors and clean area for workover.
4. Rack and tally 119 joints of 2-7/8", 6.5#, N-80 workstring.
5. MIRU workover rig. ND WH. NU and test 5k BOP.
6. RU wireline and set a 7" CIBP @ +/- 2,750'. RIH w/ workstring and spot a 35' cement plug on top of the CIBP @ +/- 2,750'. PUH, WOC and tag plug. (Top of Yates Perfs @ 2,801')
7. Load well with plugging mud and pressure up to 500# and test for leak-off.

8. Perforate casing w/ 4 squeeze holes @ 2,514' and squeeze a 194' cement plug inside and out. WOC and tag plug. (Base of Salt @ 2,370' and 9-5/8" Casing Shoe @ 2,464')
9. Perforate casing w/ 4 squeeze holes @ 1,198' and squeeze a 100' (25 sxs minimum) cement plug inside and out. WOC and tag plug. (Top of Salt @ 1,198')
10. Perforate casing w/ 4 squeeze holes @ 346' and squeeze a 100' (25 sxs minimum) cement plug inside and out. WOC and tag plug (13" Casing Shoe @ 296')
11. Perforate casing w/ 4 squeeze holes @ 69' and squeeze a cement plug inside and out. Circulate to surface. Top off casing. POH
12. RDMO. Install dry hole marker and cut off dead man. Restore location.

#### **Contacts**

Production Foreman  
Greg Skiles  
Office: 575-391-1462  
Cell: 575-631-1663

Asset Manager  
Kim Henderson  
Office: 405-935-8583  
Cell: 405-312-1840



# Proposal - Workover

W B MAVEETY 5-35

Field: EUMONT YATES 7 RIVERS QUEEN  
County: LEA  
State: NEW MEXICO  
Location: SEC 35, 19S-36E, 1989 FNL & 1991 FEL  
Elevation: GL 3,609.30 KB 3,618.30  
KB Height: 9.00

Spud Date: 3/31/1936  
Initial Compl. Date:  
API #: 3002512464  
CHK Property #: 890367  
1st Prod Date: 1/31/1970  
PBTD: Original Hole - 3715.0  
TD: 3,940.0

