

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

JUN 30 2009

HOBOCSOCD

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

WELL API NO.	30-025-03379 ✓
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Mexico W ✓
8. Well Number	1 ✓
9. OGRID Number	147179
10. Pool name or Wildcat	Eumont; Yates-Seven Rivers-Queen (Pro Gas)

**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 18496  
Oklahoma City, OK 73154-0496

4. Well Location  
Unit Letter X : 660' feet from the South line and 660' feet from the East line  
Section 2 Township 21S Range 35E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3573' 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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Dear Sirs/Madams:

Chesapeake Operating, Inc. respectfully request to plug and abandon this well. Please find the following information:  
• Plug and abandonment procedure, actual and proposed well bore diagram, NMOCD's C-144 (CLEZ) pit permit.

**Conditions of Approval:** the operator shall give 24 hour notice the the appropriate District office before work begins.

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. Sp.

DATE 06/26/2009

Type or print name Bryan Arrant

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

PHONE: (405)935-3782

For State Use Only

APPROVED BY:

*Mary Brown*

TITLE

*Compliance Officer*

DATE

*7/2/2009*

Conditions of Approval (if any):

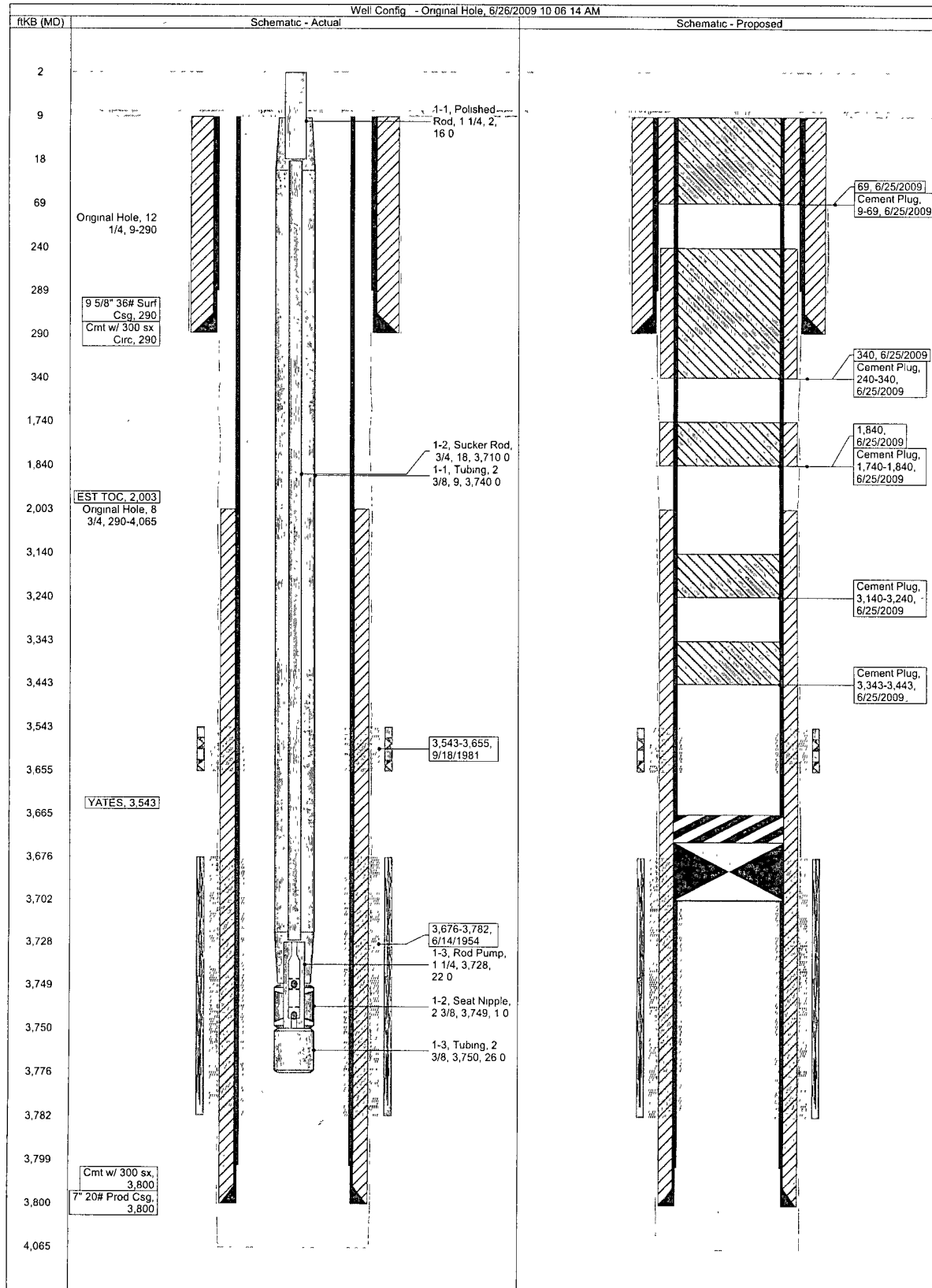


# Workover Proposal

MEXICO W 1

Field: EUMONT  
County: LEA  
State: NEW MEXICO  
Location: SEC 2, 21S-35E, 660 FSL & 660 FEL  
Elevation: GL 3,573.00 KB 3,582.00  
KB Height: 9.00

Spud Date: 5/9/1954  
Initial Compl. Date:  
API #: 3002503379  
CHK Property #: 891362  
1st Prod Date: 1/1/1970  
PBDT: Original Hole - 4065.0  
TD: 4,065.0





**Mexico W 1  
Plug and Abandonment  
Lea County, NM**

**Current Wellbore Information**

TD: 4,065' PBTD: 4,065'

Casing	OD	Weight	Grade	Depth Set	TOC
Surface	9-5/8"	32.3# & 36#		290'	Surface
Production	7"	20#		3,800'	2,003'

Perfs	Top Perf	Bottom Perf	Status	SPF
Yates	3,543'	3,655'	Open	NA
Yates	3,676'	3,782'	Open	NA

Formation Tops	Location
Top of Salt	1,790'
Base of Salt	3,190'
Top of Yates	3,360'
Top of Seven Rivers	3,790'

GL: 3,573' KB: 9' KB Height: 3,582'

**Procedure**

1. Notify the NM OCD 24 hours in advance prior to commencing plug and abandonment operations.
2. Hold Tailgate Safety meeting prior to beginning work each morning and as required for specific operations.
3. Rack and tally 136 joints of 2-3/8" N-80 workstring.
4. Prepare location. Test anchors.
5. MIRU PU. NDWH. POH w/ rods. NU and test BOP. POH w/ tubing.
6. RIH w/ CIBP and set @ 3,700' and dump bail 35' of cement on top. Wait on cement and tag plug. **3500' SPOT 355X3 CMT**
- ~~7. PUH to 3,443' and dump bail a 100' (25 sack minimum) cement plug. Wait on cement and tag plug. POH. (Top of Yates @ 3,543')~~
8. Load well with plugging mud and pressure up to 500# and test for leak-off.
- ~~9. RIH w/ tubing to 3,240' and dump bail a 100' (25 sack minimum) cement plug. Wait on cement and tag plug. (Base of Salt @ 3,190')~~ **1700'**
10. Perforate casing with 4 squeeze holes @ 1,840' and squeeze a 100' cement plug inside and out. Pull up hole, wait on cement and tag plug. (Top of Salt @ 1,790')
11. Perforate casing with 4 squeeze holes @ 340' and squeeze a 100' cement plug inside and out. Pull up hole, wait 4 hours and tag plug. (9-5/8" Casing Shoe @ 290')
12. Perforate casing with 4 squeeze holes @ 69' and squeeze a cement plug inside and out and circulate to surface. Top off casing POH.
13. RDMO. Install dry hole marker and cut off dead man. Restore location.

## **Contacts**

### **Workover Foreman**

Lynard Barrera

Office: 575-391-1462

Cell: 575-631-4942

### **Production Foreman**

Steve Serna

Office: 575-391-1462

Cell. 575-390-9053

### **Asset Manager**

Kim Henderson

Office: 405-935-8583

Cell: 405-312-1840