

Submit 1 Copy 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
October 13, 2009

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

WELL API NO. 30-025-06023
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name BERTHA J. BARBER
8. Well Number 8
9. OGRID Number 147179
10. Pool name or Wildcat Monument; Blinebry
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3557' 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 ☒ Gas Well ☐ Other ☐ HOBBS OCD	
2. Name of Operator Chesapeake Operating, Inc.	
3. Address of Operator P.O. Box 18496 Oklahoma City, OK 73154	
4. Well Location Unit Letter D : 330' feet from the North line and 330' feet from the West line Section 8 Township 20 S Range 37 E NMPM County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3557' 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.

Please find the following information in our intent to plug and abandon this well:
Plugging 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 Sr. Regulatory Compl. Sp. DATE 05/04/2011

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 STATE REG DATE 5-5-2011

Conditions of Approval (if any):

Bertha J Barber 8-8
 SEC 8, 20S-37E, 330 FNL & 330 FWL
 LEA, NM
 API #3002506023
 CHK #890189



Plugging Procedure

Well Data

TD: 5,700'
 PBDT: 5,500' (CIBP)
 Elevation: 3,567' KB 3,557' GL
 Perforations: 5,156' - 60' (Paddock - SQZ'd)

Casing Detail

OD (in)	Weight (lb/ft)	Grade	Footage (ft)	ID (in)	Drift (in)	Capacity (bbls/ft)	Burst (100%/80% psi)	Collapse (100%/80% psi)
5 1/2	20	N-80	187'	4.778	4.653	.0221	9,190/7,352	8,830/7,064
5 1/2	15.5	J-55	597'	4.950	4.825	.0238	4,810/3,848	4,040/3,232
5 1/2	14	J-55	4,916'	5.012	4.887	.0244	4,270/3,416	3,120/2,496
8 5/8	32	S-80	625'	7.921	7.796	.0609	?	?
8 5/8	24	J-55	2,271'	8.097	7.972	.0636	2,950/2,360	1,370/1,096
13 3/8	48	H-40	1,016'	12.715	12.559	.1570	1,730/1,384	770/616

*13 3/8 string set @1,019'; 8 5/8 string set @2,900'; 5 1/2 string set @5,700'

Procedure

1. MIRU PU & WL. NDWH, NU BOP. RIH w/gauge ring/junk basket to 5,120'. POOH. RIH w/CIBP & set @5,110'. RD WL. Circ well w/9# plugging mud.

2A. TIH w/open-ended tbg & spot 25 sq cmt on top of CIBP @5,110'. PUH & spot balanced cmt plug Perf @3,050'-2,850'. WOC & tag. *Perf 5Q 25 sq cmt - WOC - TAG*

2B. *Perf 1325' - 5Q 25 sq cmt - WOC - TAG*

3. TOH w/tbg. RU WL. RIH w/perforating guns & perf @1,069'. POOH w/guns. RD WL.

4. TIH w/tbg to 1,069' & sqz cmt @1,069'-969'. WOC & tag. TOH w/tbg.

5. RU WL. RIH w/perforating guns & perf @60'. POOH w/guns. RD WL.

6. Sqz cmt @60' & circulate to surface filling the inside & outside. Verify all annuluses have cmt & fill in as required.

7. ND BOP. Cut off WH & weld on dryhole marker. RDMO. Remove equipment & reclaim location.

Contacts

Production Foreman: Greg Skiles (575) 631-1663
 Production Superintendent: Curtis Blake (575) 631-9936
 Production Engineer: Shannon Glancy (405) 935-8109



Proposal Schematic

BERTHA J BARBER 8-8

