

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

OIL CONSERVATION DIVISION

APR 23 2009 South St. Francis Dr.

HOBBSOCD Santa Fe, NM 87505

WELL API NO. 30-025-05978
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 12
9. OGRID Number 147179
10. Pool name or Wildcat Monument; Tubb, West (GAS)
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 ☐	
2. Name of Operator Chesapeake Operating, Inc.	
3. Address of Operator P.O. Box 18496-0496 Oklahoma City, OK 73154-0496	
4. Well Location Unit Letter <u>A</u> : 330' feet from the <u>North</u> line and 660' feet from the <u>East</u> line Section <u>7</u> Township <u>20S</u> Range <u>37E</u> NMPM County <u>Lea</u>	
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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Dear Sirs/Madams:

Please find the following information provided for our request to plug and abandon this well:

Plug and Abandonment Procedure, Actual and Proposed Wellbore Schematic and NMOCD's C-144 (CLEZ) Pit Permit.

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 04/22/2009

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

For State Use Only

APPROVED BY: Mark W. Pitzer TITLE Comp. Officer DATE 05/07/2009

Conditions of Approval (if any):

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



**Bertha J Barber 12-7
Plug and Abandon
Lea, NM**

Current Wellbore Information

Casing	OD	Weight	Depth Set	TOC
Surface	13 3/8"	48#	899'	Surface
Intermediate	9 5/8"	36#	2,898'	600'
Intermediate	7"	NA	5,250'	3,105'
Production	4 1/2"	11.6#	7,529'	5,315'

Tubing	OD	Depth Set
Production	2 3/8"	6,271'
Seat Nipple	2 3/8"	6,272'
Packer	2 3/8"	6,275'
Tubing	2 3/8"	6,337'

Part	Top Part	Bottom Part	Status
ABO	6,892'	7,380'	SI
Tubb	6,364'	6,424'	Producing
Paddock	5,148'	5,186'	SI - behind 4 1/2"

GL: 3,557' KB: 12.5' KB Height: 3,569.5'

***Note - bad casing from 3,394'-5,246'**

Procedure

- 1 Test anchors
2. MIRU pulling unit. NDWH NUBOP.
3. Release packer. POH w/ tubing. RIH w/ 3.875" gauge ring and junk basket to 6,300'.
RIH w/ 4 1/2" CIBP set @ +/- 6,300'. Bail 35' cmt on top of plug. Tag plug to verify if unable to get through bad casing discuss with NMOCD and plug per their requirements.
4. RIH w/ jet cutter Cut 4 1/2" csg @ 5,250'. Recover 4 1/2" csg.
5. RIH w/ open ended tbg. Set 100' cmt plug from 5,300'-5,200'. This plug will cover the casing cut point and the 7" casing shoe (5,250'). - WOC & TAG
6. RIH w/ 7" CIBP and set @ 5,100'. Bail 35' cmt on top of plug. Tag plug to verify.
7. Fill 7" casing with salt gel mud containing 9.5 pound brine and 12.5 lbs of gel per barrel.
8. Perforate 7" csg at 2,948' (50' below 9 5/8" csg shoe) and then squeeze with cement to have 100' outside csg. Spot an additional 100' cmt inside csg. Estimated TOC @ 2,848'. WOC. Tag plug to verify.
9. Perforate 7" csg at 2,290' (50' below salt base) and then squeeze with cement to have 100' outside csg. Spot an additional 100' cmt inside csg. Estimated TOC @ 2,190'. WOC. Tag plug to verify.
10. Perforate 7" csg at 1,185' (50' below salt top) and then squeeze with cement to have 100' outside csg. Spot an additional 100' cmt inside csg. Estimated TOC @ 1,085'. WOC. Tag plug to verify.
11. Perforate 7" csg at 949' (50' below 13-3/8" csg shoe) and then squeeze with cement to have 100' outside csg. Spot an additional 100' cmt inside csg. Estimated TOC @ 849'.

*Top fish
@ 5,290*

*Top of fish
5364'*

Perf. @ 5300'
RIH 5364'
Pump 75 sx.
PUH to 4000'
Pump 3.5 bbl.
to squeeze.
WOC + TAG

*7-20-09
SubH*

Perf @ 450'
+ 592
(WATER BOARD
PLUG)
WOC + TAG

WOC. Tag plug to verify.

12. Perforate 4-1/2" and 9-5/8" csg @ 60' and then squeeze with cement inside and out
Circulate cement to surface. Top off casing.
13. ND BOP. Cut off 7", 9-5/8" & 13-3/8" casings 3' below ground level.
~~DRY HOLE MARKER~~
14. Weld on an ID plate. RD and release Well Service Unit. Restore location.

Contacts

Workover Foreman

Lynard Barrera
Office: 575-391-1462
Cell: 575-631-4942

Production Engineer

Doug Rubick
Office: 405-879-3178
Cell: 405-208-3185

Production Foreman

Melvin Harper
Office: 575-391-1462
Cell: 575-631-5348



Proposal

BERTHA J BARBER 12-7

Field: MONUMENT
County: LEA
State: NEW MEXICO
Location: SEC 7, 20S-37E, 330 FNL & 660 FEL
Elevation: GL 3,557.00 KB 3,569.50
KB Height: 12.50

Spud Date: 12/8/1953
Initial Compl. Date:
API #: 3002505978
CHK Property #: 890193
1st Prod Date: 8/1/1999
PBSD: Original Hole - 6475.0
TD: 7,530.0

