

Submit 1 Copy To Appropriate District Office  
 District I - (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II - (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III - (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV - (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

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

WELL API NO. 30-015-02258
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 648
7. Lease Name or Unit Agreement Name East Millman Unit
8. Well Number 151
9. OGRID Number 019958
10. Pool name or Wildcat Millman Yates-SR-QN-GB-SA, East
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3471' KB 3469' 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  **Water Injection**

2. Name of Operator  
Stephens & Johnson Operating Co.

3. Address of Operator  
P. O. Box 2249, Wichita Falls, TX 76307

4. Well Location  
 Unit Letter J : 1980 feet from the South line and 660 feet from the East line  
 Section 15 Township 19S Range 28E NMPM County Eddy

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: <input type="checkbox"/>

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.

**See attached proposed plug and abandonment procedure and wellbore diagram.**

Approved for plugging of well bore only.  
 Liability under bond is retained pending receipt of C-103 (Subsequent Report of Well Plugging) which may be found at OCD Web Page under Forms, www.cmnr.state.nm.us/oed.

**NM OIL CONSERVATION**  
 ARTESIA DISTRICT  
 DEC 17 2015

RECEIVED

Spud Date:

Rig Release Date:

Well Bore must be Plugged by 12/18/2016

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

SIGNATURE William M. Kincaid TITLE Petroleum Engineer DATE 12/15/2015

Type or print name William M. Kincaid E-mail address: mkincaid@sjoc.net PHONE: 940-723-2166

APPROVED BY: [Signature] TITLE Dist. Jk. Spewison DATE 12/18/2015

Conditions of Approval (if any):  
 \* See Attached COAs

STEPHENS & JOHNSON OPERATING CO.  
EAST MILLMAN UNIT WELL NO. 151  
API NO. 30-015-02258  
EDDY COUNTY, NEW MEXICO

Well Data:

Total Depth: 2141'  
PBTD: 2114'  
Surface Csg: 10 3/4" csg set @ 287', no cement  
Prod. Csg: 4 1/2" 11.6# set @ 2115', cement w/300 sx, TOC  
calculated to be @ 1112'  
Perfs: 1773'-1775', 1782'-1784' cement squeezed May 1980  
Perfs: 1830'-1848'  
CIBP @ 1950'  
Perfs: 2095'-2097', 2105'-2107'

Proposed Plug and Abandonment Procedure

1. Set CIBP on wireline at 1650'. TIH w/tbg and tag CIBP at 1650'. Circulate hole w/9.5 #/gal. mud. Pump 25 sx cement plug on top of CIBP at 1650'. TOH w/tbg.
2. Perforate 4 squeeze holes at 600'.
3. TIH w/pkr and tbg. Set pkr at 450'. Pump 55 sx cement plug, squeezing approximately 48 sx outside 4 1/2" csg through squeeze holes at 600' leaving 7 sx inside 4 1/2" csg from 500' to 600'.
4. WOC 3 hrs. Unset pkr and tag cement plug at 500'. TOH w/tbg and pkr.
5. Cut off casing at 350' and TOH with 4 1/2" csg.
6. TIH w/tbg to 350' and circulate hole w/cement from 350' back to surface with 150 sx cement.
7. Cut off wellhead and install P&A marker.

WELL

FIELD

DATE

# Proposed P + A

WELL CLASS WIW

KB ELEVATION 3471'

DF ELEVATION \_\_\_\_\_

GL ELEVATION 3469'

## PERMANENT WELL BORE DATA

## DATA ON THIS COMPLETION

10 3/4" 32.75# Surf csg  
set @ 287' \* 1.7.84  
(12" hole)  
\* No Cement \*

Circulate 150 sx cmt  
from 350' back to  
Surface

Cut off 4 1/2" csg  
@ 350'

55 sx cmt plug: 48 sx  
outside, 7 sx inside  
4 1/2" csg.

Squeeze holes @ 600'

Calculated TOC = 1,112'

25 sx. cmt plug 1277-1650'

Set CIBP @ 1650'

Qu Perfs 1773-1784 Cmt  
squeezed w/ 250 sx  
May 1980

Queen Perfs: 1773-75  
- 1782-84

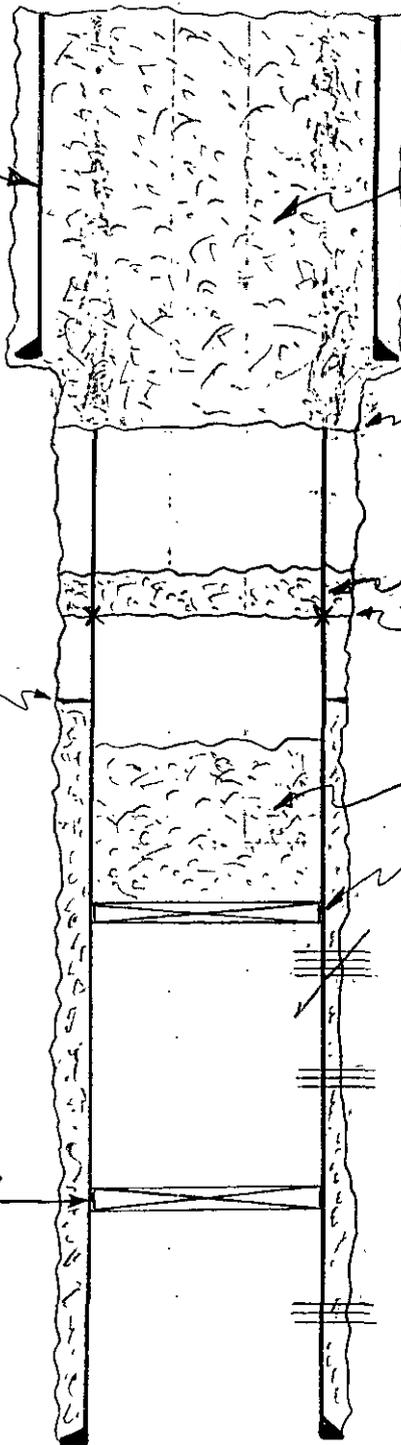
Queen Perfs: 1830-48

Existing  
CIBP set @ 1950'  
12-8-1966  
WI into Qu only

Grauburg Perfs:  
2095-97, 2105-07

4 1/2" 11.6# csg set @ 2115  
300 sx cmt  
TOC @ 1,112' - Calculated  
(10" hole down to 1880'  
(8' hole from 1880 to TD)

PBTD - 2114'  
TD - 2141'



NEW MEXICO OIL CONSERVATION DIVISION  
DISTRICT 2 OFFICE  
811 S. FIRST STREET  
ARTESIA, NM 88210  
(575)748-1283

**CONDITIONS OF APPROVAL FOR PLUGGING & ABANDONMENT**

Operator: Stephens & Johnson  
Well Name & Number: EAST Mellman Unit 151  
API #: 30-015-02258

1. Produced water **will not** be used during any part of the plugging & abandonment operation.
2. Notify NMOCD Dist. 2 office at least 24 hrs before beginning work.
3. Closed Loop System is to be used for entire plugging operation. Upon completion, contents of steel pit are to be hauled to a permitted disposal location.
4. Trucking companies being used to haul oilfield waste fluids to a disposal – commercial or private – shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator, as well as the contractor, to verify that this permit is place prior to performing work. Drivers shall produce a copy upon request of NMOCD Field Inspectors.
5. A subsequent C-103 will serve as notification that the well bore has been plugged ONLY. A C-103 FINAL shall be filed before any bonding can be released on the well. Upon receipt of the Final, an inspection will be performed to verify that the location has been satisfactorily cleaned to NMOCD standards.
6. If work has not begun within 90 days of the approval of this procedure, an extension request must be filed, stating reason that well has not been plugged.
7. Every attempt must be made to clean the well bore out to below the perms, before any plugs can be set, by whatever means possible.
8. **Cement Retainers may not be used.**
9. **Squeeze pressures are not to exceed 500 PSI, unless approval is given by NMOCD.**
10. **Plugs may be combined after consulting with and getting approval from NMOCD.**
11. **Minimum WOC time for tag plugs will be 4 Hrs.**
12. **19.15.7.16 : B.** In the case of a dry hole, a complete record of the well on form C-105 with the attachments listed in Subsection A of 19.15.7.16 NMAC shall accompany the notice of intention to plug the well, unless previously filed. The division shall not approve the plugging report or release the bond the operator has complied with 19.15.7.16 NMAC.

DATE: 12/18/2015

APPROVED BY:



## N.M.O.C.D.- Guidelines For Plugging

- All cement plugs will be a minimum of 100' in length, or a minimum of 25sx. Of cement, whichever is greater.
- Mud laden fluids must be placed between all cement plugs.
- Mud laden fluids must be mixed at 25 sx. Of gel per 100 bbls. Of water.
- A cement plug is required to be set 50' below, and 50' above all casing shoes, and casing stubs. **These plugs must be tagged.**
- A CIBP with 35' of cement on top, may be set instead of 100' plug.
- A plug as indicated above, must be placed within 100' of top perforation. **This plug must be tagged.**
- Plugs set above and below all salt zones, **must be tagged.**
- No more than 2000' is to be allowed between plugs in open hole, and no more than 3000' between plugs in cased hole.
- D.V. tools are required to have a 100' cement plug set 50' above, and 50' below the tool. **This plug must be tagged.**

Formations to be isolated with plugs placed at the top of each formation are:

- Fusselman
- Devonian
- Morrow
- Wolfcamp
- Bone Springs
- Delaware
- Any salt section (plug at top and bottom)
- Abo
- Glorietta
- Yates ( this plug is usually at base of salt section)

If cement does not exist behind casing strings at recommended formation depths, the casing must be cut and pulled with plugs set at these depths, or casing must be perforated and squeezed behind casing at the formation depths.

In the R-111P area (Potash mine area) a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts common to the section penetrated, and in suitable proportions, but not more than a 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.