

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.  
~~30-015-27008~~ **30-015-27008**

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

USA CACTUS 16 STATE

8. Well Number #1

9. OGRID Number

4323

10. Pool name or Wildcat  
BRUSHY CANYON

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  
CHEVRON USA INC

3. Address of Operator  
15 SMITH RD MIDLAND TX 79705

4. Well Location

Unit Letter C : 330 feet from the NORTH line and 2310 feet from the WEST line  
Section 16 Township 24S Range 31E NMPM County: EDDY

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3492'

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 ☐  
CLOSED-LOOP SYSTEM ☐  
OTHER: ☐

RE- ☐ E-PERMITTING <SWD -- INJECTION>  
CONVERSION ☐ RBDMS ☐  
RETURN TO ☐ TA ☐  
INT to PA ☒ P&A NR ☐ P&A R ☐

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.

TD: 8450, PB: 5915' CIBP@5950' W/ 35' CMT ON TOP, 13-3/8" #54 SET @ 626' TOC @ SURFACE  
8-5/8" 24#/#32 SET @ 4250' TOC @ SURFACE, 5-1/2" 15.5#/17# SET @ 8450' TOC @ 4000' CALC.

1. CALL NMOCD 24 HRS. PRIOR TO MOVING IN RIG.
2. TAG TOC @ 5915'. **SPOT 255X5 CMT @ 5915'**
3. PERF & SQZ 5-1/2" CSG W/60 SXS OF CLASS "C" CMT FROM 4300 - 4100'. WOC&TAG. (SHOE)
4. PERF & SQZ 5-1/2" CSG W/60 SXS OF CLASS "C" CMT FROM 3855' - 3655'. WOC&TAG. (B.SALT)
5. PERF & SQZ 5-1/2" CSG W/60 SXS OF CLASS "C" CMT FROM 2810 - 2610'. WOC&TAG. (T.SALT)
6. PERF CSG@520' AND ATTEMPT TO CIRC. A 520' CMT PLUG I/O 5-1/2" CSG. W/160 SXS OF CLASS "C" CMT ALL CSG & ANCHORS TO BE CUT & REMOVED 3' BELOW GRADE, CLOSED LOOP SYSTEM WILL BE UTILIZED.

Spud Date:

Rig Release Date:

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

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

SIGNATURE M. Lee Reark TITLE Project Manager DATE 03/04/2015

Type or print name M. Lee Reark E-mail address: lreark@chevron.com PHONE: (432) 687-7279

For State Use Only

APPROVED BY: R Wade TITLE DIST PS supervisor DATE 3/18/2015

Conditions of Approval (if any): see Attached COAs

CONDITIONS OF APPROVAL ATTACHED

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.emnrd.state.nm.us/oed.

Approval Granted providing work is  
Completed by 3/18/2016

# Cactus 16 State No. 1

CURRENT

Created: 12/23/14 By: PTB  
 Updated: By:  
 Lease: Cactus 16 State  
 Field: Brushy Canyon  
 Surf. Loc.: 330' FNL & 2310' FWL  
 Bot. Loc.:  
 County: Eddy St.: NM  
 Status: TA'd Producer

Well #: 1 St. Lse:  
 API: 30-015-27008  
 Unit Ltr.: C Section: 16  
 TSHP/Rng: 24S / 31E  
 Unit Ltr.: Section:  
 TSHP/Rng:  
 Directions:  
 CHEVNO: QU2588  
 OGRID: 4323

## Surface Casing

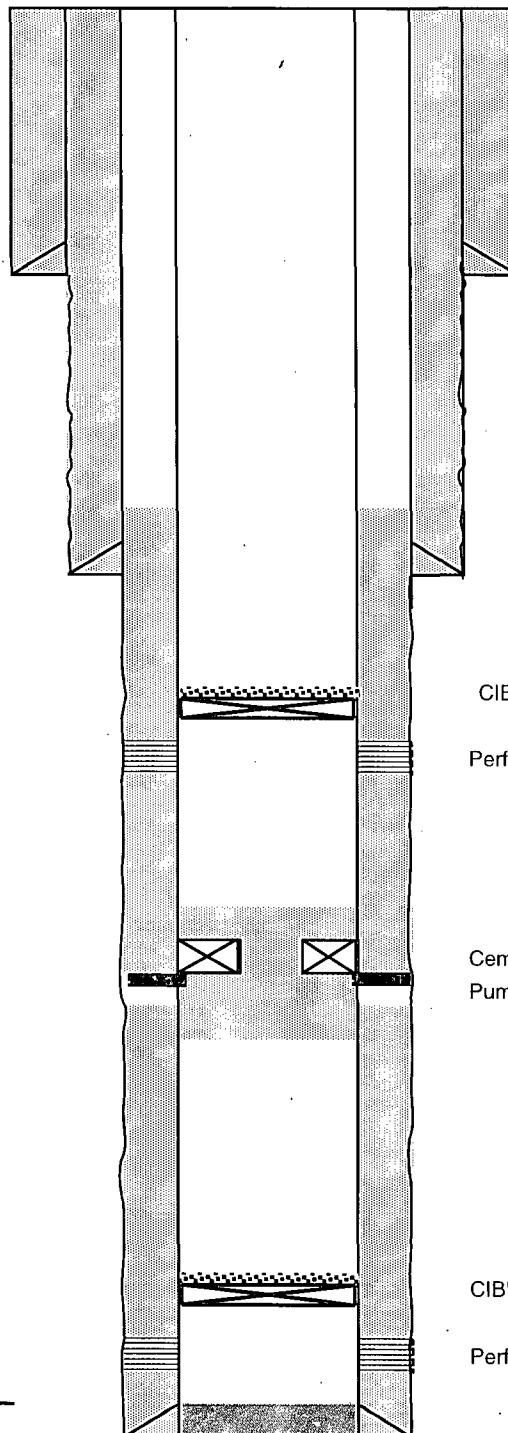
Size: 13-3/8"  
 Wt., Grd.: 54#  
 Depth: 626'  
 Cmt: 470 sx  
 Circulate: Yes  
 TOC: Surface  
 Hole Size: 17-1/2"

## Intermediate Casing

Size: 8-5/8"  
 Wt., Grd.: 24 & 32  
 Depth: 4250'  
 Cmt: 1450 sx  
 Circulate: Yes  
 TOC: Surface  
 Hole Size: 12-1/4"

## Production Casing

Size: 5-1/2"  
 Wt., Grd.: 15.5 & 17  
 Depth: 8450'  
 Cmt: 250 sx  
 Circulate: No  
 TOC: 6820' - CBL  
 Hole Size: 7-7/8"



KB: 3,507  
 DF:  
 GL: 3,492  
 Ini. Spud: 06/17/92  
 Ini. Comp.: 07/17/92

Est. TOC @ 4000'

CIBP @ 5950' capped w/ 35' cmt

Perfs: 6015'-6020'

Cement Retainer @ 6490'

Pump 900 sx thru sqz hole @ 6600'

CIBP @ 7950' w/ 35' cmt

Perfs 8,053' - 8,089'

PBTD: 6,273'  
 TD: 8,450'

**Cactus 16 State No. 1**  
**PROPOSED**

Created: 12/23/14 By: PTB  
 Updated: \_\_\_\_\_ By: \_\_\_\_\_  
 Lease: Cactus 16 State  
 Field: Brushy Canyon  
 Surf. Loc.: 330' FNL & 2310' FWL  
 Bot. Loc.: \_\_\_\_\_  
 County: Eddy St.: NM  
 Status: TA'd Producer

Well #: 1 St. Lse: \_\_\_\_\_  
 API: 30-015-27008  
 Unit Ltr.: C Section: 16  
 TSHP/Rng: 24S / 31E  
 Unit Ltr.: \_\_\_\_\_ Section: \_\_\_\_\_  
 TSHP/Rng: \_\_\_\_\_  
 Directions: \_\_\_\_\_  
 CHEVNO: QU2588  
 OGRID: 4323

**Surface Casing**

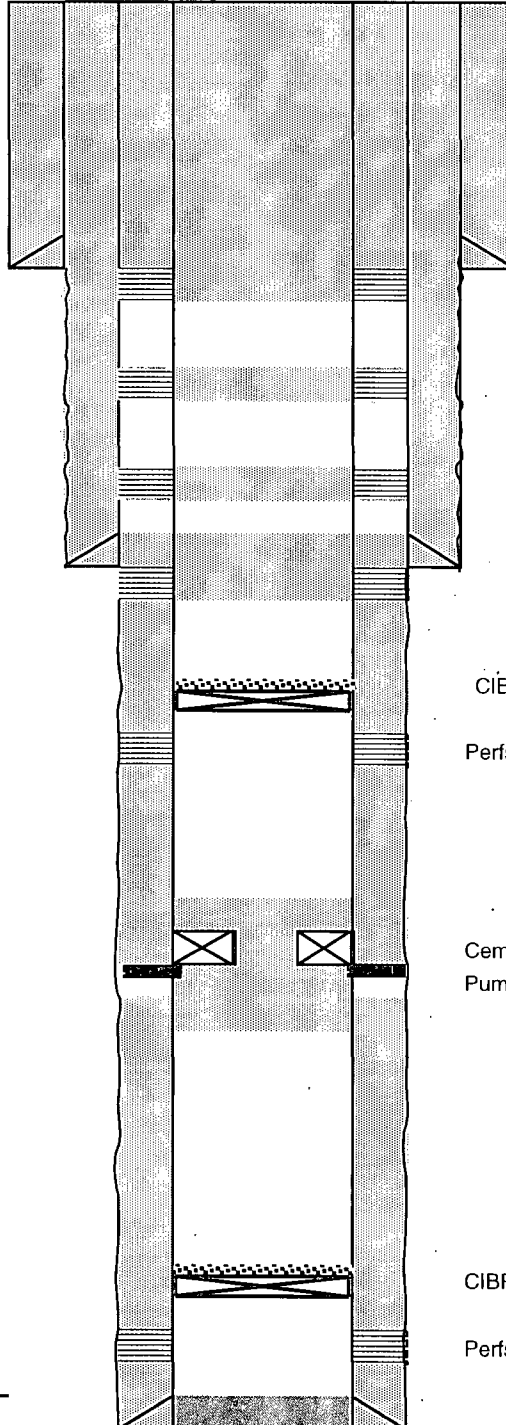
Size: 13-3/8"  
 Wt., Grd.: 54#  
 Depth: 626'  
 Cmt: 470 sx  
 Circulate: Yes  
 TOC: Surface  
 Hole Size: 17-1/2"

**Intermediate Casing**

Size: 8-5/8"  
 Wt., Grd.: 24 & 32  
 Depth: 4250'  
 Cmt: 1450 sx  
 Circulate: Yes  
 TOC: Surface  
 Hole Size: 12-1/4"

**Production Casing**

Size: 5-1/2"  
 Wt., Grd.: 15.5 & 17  
 Depth: 8450'  
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 TOC: 6820' - CBL  
 Hole Size: 7-7/8"



KB: 3,507  
 DF: \_\_\_\_\_  
 GL: 3,492  
 Ini. Spud: 06/17/92  
 Ini. Comp.: 07/17/92

Perf @ 520' and sqz 160sx

Perf @ 2810' and sqz 60sx

Perf @ 3855' and sqz 60sx

Perf @ 4300' and sqz 60sx

Est. TOC @ 4000'

CIBP @ 5950' capped w/ 35' cmt

Perfs: 6015'-6020'

Cement Retainer @ 6490'

Pump 900 sx thru sqz hole @ 6600'

CIBP @ 7950' w/ 35' cmt

Perfs 8,053' - 8,089'

PBTD: 6,273'  
 TD: 8,450'

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: Chevron

Well Name & Number: USA Cactus 16 State #1

API #: 30 - 015 - 27008

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 perfs, 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.**

DATE: 3/18/15

APPROVED BY: AKD

## GUIDELINES FOR PLUGGING AND ABANDONMENT

### DISTRICT II / ARTESIA

- All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater.
- Mud laden fluids must be placed between all cement plugs.
- Mud laden fluids must be mixed at 25 sacks 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 stub plugs. These plugs must be tagged.
- A CIBP with 35' of cement on top may be set in lieu of 100' cement plug.
- A plug as indicated above must be placed within 100' of top perforation. This plug must be tagged.
- Plugs set below and above salt zones must be tagged.
- No more than 2000' is to be allowed between cement plugs in open hole and no more than 3000' in cased hole.
- DV tools are required to have a 100' cement plug set 50' above and below the tool and must be tagged.
- Formations to be isolated with plugs placed at the top of each formation are:
  - Fusselman
  - Devonian
  - Morrow
  - Wolfcamp
  - Bone Spring
  - Delaware
  - Any Salt Section (Plug at top and bottom)
  - Abo
  - Glorieta
  - Yates (this plus 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 cement squeezed behind casing at the formation depths.
- In the R-111-P 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 (50' below and 50' above).