

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 August 1, 2011

NM OIL CONSERVATION

ARTESIA DISTRICT

OIL CONSERVATION DIVISION

OCT 29 2019

1220 South St. Francis Dr.  
 Santa Fe, NM 87505

RECEIVED

|   |  |   |
|---|--|---|
| SUNDRY NOTICES AND REPORTS ON WELLS<br>(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.)                  |  | WELL API NO.<br>30-015-35510  |
| 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>  |  | 5. Indicate Type of Lease<br>STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 2. Name of Operator<br>Chevron USA Inc.   |  | 6. State Oil & Gas Lease No.  |
| 3. Address of Operator<br>6301 DEAUVILLE BLVD., MIDLAND, TX 79706   |  | 7. Lease Name or Unit Agreement Name<br>South Culebra Bluff 23                                      |
| 4. Well Location<br>Unit Letter <u>K</u> : <u>1883</u> feet from the <u>North</u> line and <u>1500</u> feet from the <u>West</u> line<br>Section <u>23</u> Township <u>23S</u> Range <u>28E</u> NMPM County <u>Eddy</u> |  | 8. Well Number: 17  |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br>3,001.5' GL, 3,019' KB  |  | 9. OGRID Number<br>4323   |
|   |  | 10. Pool name or Wildcat<br>Loving; Brushy Canyon, East   |

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: TEMPORARILY ABANDON

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. 8-5/8" @ 345' TOC Surface, 5-1/2" @ 6,341' TOC unknown, Perforations: 6,088'-6,203', squeeze perms at 5,840' and 4,139' (see details on WBD).

Chevron USA INC respectfully request to abandon this well as follows:

- Call and notify NMOCD 24 hrs before operations begin.
- MIRU slickline unit.
- Run gauge ring t/ locate 1.43 F Nipple at 6,012'. Run tubing plug and set in profile.
- Pressure test casing and tubing t/ 1,000 psi f/ 15 minutes each.
- MIRU pulling unit, check well pressures, perform bubble test on surface casing annuli, if bubble test fails Chevron intends to Zonite or cut and pull casing after the well after it is plugged to a certain point agreed upon by the NMOCD and Chevron.
- Unlatch from on-off tool and spot MLF as per the guidance document, if tubing passed pressure test.
  - Discuss with engineer on standing back tubing if it failed a pressure test.
- Spot 30 sx CL "C" cmt f/ 6,012' t/ 5,716', discuss w/ NMOCD on waiving WOC and tag if casing passed a pressure test (Perfs, lower squeeze holes).
- Spot 80 sx CL "C" cmt f/ 4,804' t/ 4,014' (Brushy Canyon, upper squeeze holes).
- Spot 25 sx CL "C" cmt f/ 3,517' t/ 3,270' (Cherry Canyon).
- Perforate at 2,700' and squeeze 130 sx CL "C" cmt f/ 2,140' t/ 2,700', WOC & tag (Bell Canyon, Lamar LS, and B.Salt).
- Perforate at 550' and squeeze 140 sx CL "C" cmt f/ Surface t/ 550' (Shoe, FW, T.Salt).
- Cut all casings & anchors & remove 3' below grade. Verify cement to surface & weld on dry hole marker (4" diameter, 4' tall). Clean location.

DENIED

Note: All cement plugs class "C" (<7,500') or "H" (>7,500') with closed loop system used, and MLF spotted between plugs.

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

SIGNATURE [Signature] TITLE P&A Engineer, Attorney in fact DATE 10/21/19

Type or print name Howie Lucas E-mail address: howie.lucas@chevron.com PHONE: (832)-588-4044  
**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
Conditions of Approval (if any):

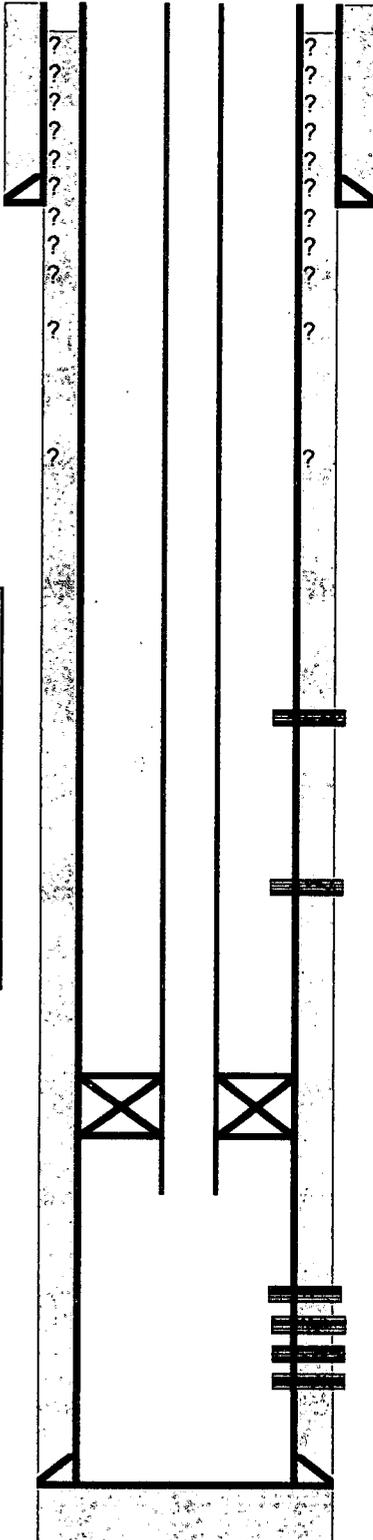
**SOUTH CULEBRA BLUFF 23-17**  
**Loving East - 30-015-35510**  
**Eddy County, New Mexico**  
**K-23-23S-28E 2440 FSL 1500 FWL**

Current Status: Inactive Inj; Updated by Y.LI on 8/7/2019

KB: 3,019'  
 GL: 3,001.5'

TOC @ surf  
 cmt w/ 350 sxs  
 Class "C" & 2%  
 CaCl. Tagged  
 TOC @ 30'  
 Cemented to surf  
 w/ 50 sxs cmt  
 8 5/8" csg @ 345'  
 24#

This wellbore diagram is based on most recent information regarding wellbore configuration & equipment that could be found in Midland Office well files & computer / online databases as of above update date.



Spud Date: 8/1/2007  
 TD Date: 8/9/2007  
 Compl Date: 8/24/2007

| CASING DETAIL |        |        |       |           |
|---------------|--------|--------|-------|-----------|
| Depth         | Size   | Weight | Grade | Hole Size |
| 345'          | 8 5/8" | 24#    | J-55  | 12 1/4"   |
| 6341'         | 5 1/2" | 15.5#  | J-55  | 7 7/8"    |

| Tbg Detail :   |             |            |
|--|-------------|------------|
|  | Length (ft) | Depth (ft) |
| KB   | 17.5        |            |
| 2-3/8" SS x 2-7/8" SS X-O  | 0.35        | 17.5       |
| 195 Jts. Fiber Lined Tbg, 2-3/8", 4.7#, J-55, 8R, EUE tbg, 1.73 I.D. | 5993.36     | 17.85      |
| Fiber Line Adapter   | 0.7         | 6011.21    |
| On-Off Tool w/1.43"  |             |            |
| ID 'F' Profile Nipple  | 1.48        | 6011.91    |
| 2-3/8" x 5-1/2" Arrow s  | 7.25        | 6013.39    |
| 2 3/8 WL Entry Guide   | 0.4         | 6020.64    |
| EOT  |             | 6021.04    |

Note: Tbg details come from Range Record

Perfs  
 SQZD @4139' w/ 450 sxs cmt and 100 sxs tail  
 Second squeeze job in an attempt to bring cement to surface in the annulus, full returns throughout job, did not see cement to surface

Perfs  
 SQZD @ 5840' w/ 200 sxs lead and 100 sxs tail,  
 Full returns, CBL showed TOC at 4154' after job  
 This was the first attempt to bring cement to surface in the annulus

Pkr @ 6,017'

Brushy Canyon "C" & "D"  
 6088' - 6132' - 4spf  
 6150' - 6165' - 4spf  
 6181' - 6188' - 4 spf  
 6192' - 6203' - 4 spf

PBTD = 6,255'  
 TD: 6,350'

cmt w/ 450 sxs

5 1/2" csg @ 6341'  
 15.5#