

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

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.)		WELL API NO. 30-015-30164
1. Type of Well: Oil Well ☐ Gas Well ☒ Other SWD		5. Indicate Type of Lease STATE ☐ FEE ☐
2. Name of Operator Chevron USA Inc.		6. State Oil & Gas Lease No.
3. Address of Operator 6301 Deauville BLVD, Midland, TX 79706		7. Lease Name or Unit Agreement Name South Culebra Bluff 23
4. Well Location Unit Letter <u>F</u> : <u>1650</u> feet from the <u>North</u> line and <u>1650</u> feet from the <u>West</u> line Section <u>23</u> Township <u>23S</u> Range <u>28E</u> NMPM County <u>Eddy</u>		8. Well Number <u>013</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3026 GL		9. OGRID Number <u>4323</u>
		10. Pool name or Wildcat SWD Brushy Canyon

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: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
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.

Chevron USA INC respectfully request to abandon this well as follows:
Provide 24 hour notice to NMOCD prior to operations.

Notify OCD 24 hrs. prior to any work done.

1. MIRU, test tubing t/ 1000 psi for 5 minutes, pull rods, N/U BOP, pull tubing
2. Set CIBP @ 5646', spot 25 sx Class C CMT f/ 5646' to 5418' (BC Perfs), Pressure Test @ 1000 psi for 10 minutes - WOC, & tag
3. Spot 30 sx of Class C CMT from 4804' to 4654' (Brushy Canyon)
4. Spot 30 sx of Class C CMT from 3517' to 3364' (Cherry Canyon)
5. Spot 60 sx Class C CMT from 2700 to 2296' (Bell Canyon, Lamar LS, B Salt)
6. Spot 70 sx Class C CMT from 600' to surface (Shoe, T. Salt, Fresh Water) - perf @ 600'
7. Verify cement to surface and turn over to surface group for site reclamation

AUG 14 2019

DISTRICT/ARTESIAO.C.D.

*See Attached COA:

Must be Plugged by 8/15/20

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

SIGNATURE Ricky Villanueva TITLE Well P&A Project Manager DATE 8/13/2019

Type or print name Ricky Villanueva E-mail address: rygg@chevron.com PHONE: 432-488-7448
For State Use Only

APPROVED BY: [Signature] TITLE Staff Mgr DATE 8/15/19

SOUTH CULEBRA BLUFF 23 #013

Loving East: API #30-015-30164

Eddy County, NM

UNIT F- SEC 23-T23S-R28E 1650' FNL 1650' FWL

CURRENT COMPLETION (Last updated by Y. Li & RJ DeBruin, 8/11/2019)

KB: Unknown
GL: 3026'

TOC @ surf
(cmt w/ 90 sx BJ
Lite & 250 sx Class
"C",
circ 35 sx)
8-5/8" csg @ 550'

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 above update.

TOC @ surf
(cmt w/ 960 sx Class
"C" & 1200 sx BJ Lite,
circ 140 sx)

5-1/2" csg @ 6349'

CASING DETAIL				
Depth	Size	Weight	Grade	Hole
550'	8-5/8"	24#	J-55 ?	11"
6349'	5-1/2"	15.5#	Unknown	7-7/8"

TUBING & ROD DETAIL (3/17/2010 Well Service Report)

Tubing Detail

5583.1' - 177 jts 2-7/8", J-55, 8rd EUE tubing
3.0' - 2-7/8" TAC
572.8' - 18 jts 2-7/8", J-55, 8rd EUE tubing
1.1' - 2-7/8" SN
24.0' - 2-7/8" wirewrap screen
31.0' - 2-7/8" mud jt
~6180.0' - EOT

Rod Detail

25.0' - 1-1/2" polished rod
2.0' - 7/8" pony rod
4.0' - 7/8" pony rod
6.0' - 7/8" pony rod
4.0' - 7/8" pony rod
4.0' - 7/8" pony rod
2.0' - 7/8" pony rod
2165.0' - ~87 7/8" sucker rods
3950' - 158 3/4" sucker rods
1.0' - 3/4" rod centralizer
0.5' - 3/4" shear coupling
20.0' - 1-1/4" rod pump

Brushy Canyon "AA"

5746' - 5756' Acidized 2001
5822' - 5834' 110
5850' - 5854' total

Brushy Canyon "A"

5914' - 5934' holes Frac'd 2001
5943' - 5952'
6007' - 6030'

Brushy Canyon "D"

6126' - 6220' (16 holes) Frac'd 6/1998

Spud Date: 5/7/1998
TD Date: 5/22/1998
Compl Date: 6/10/1998

PBTD = 6330'
TD = 6350'

NOTES: Red items
have no
documentation in
NMOCD records,
but are shown on
Range & Vanguard
WBDs.

SOUTH CULEBRA BLUFF 23 #013

Loving East: API #30-015-30164

Eddy County, NM

UNIT F- SEC 23-T23S-R28E 1650' FNL 1650' FWL

PROPOSED P&A WELLBORE DIAGRAM

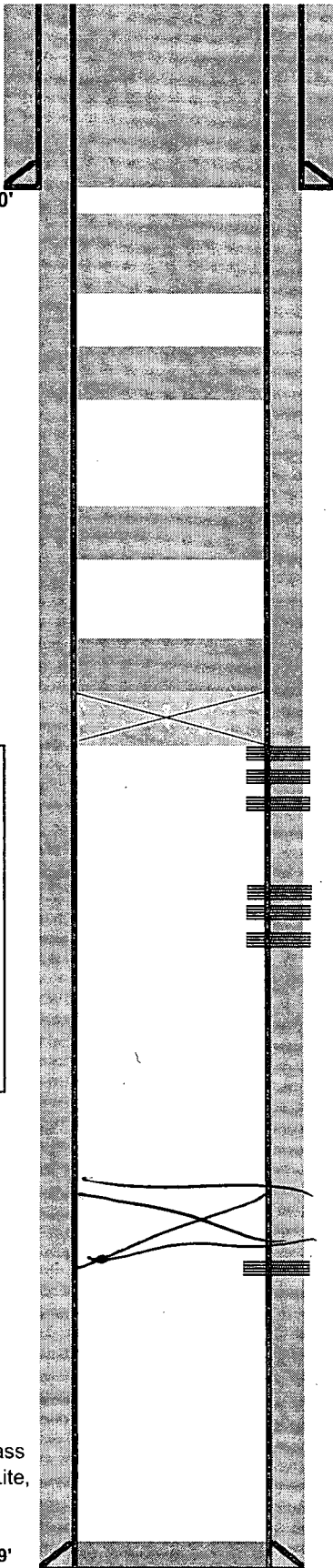
KB: Unknown
GL: 3026'

TOC @ surf
(cmt w/ 90 sx BJ
Lite & 250 sx Class
"C",
circ 35 sx)
8-5/8" csg @ 550'

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 above update.

TOC @ surf
(cmt w/ 960 sx Class
"C" & 1200 sx BJ Lite,
circ 140 sx)

5-1/2" csg @ 6349'



CASING DETAIL				
Depth	Size	Weight	Grade	Hole
550'	8-5/8"	24#	J-55 ?	11"
6349'	5-1/2"	15.5#	Unknown	7-7/8"

Spot 70 sx of Class C CMT from 600' to surface
(T-Salt, Shoe, WB)

Spot 60 sx of Class C CMT from 2700' to 2296'
(Bell Canyon, Lamar LS, B Salt)

Spot 30 sx of Class C CMT from 3517' to 3364'
(Cherry Canyon)

Spot 30 sx of Class C CMT from 4804' to 4654'
(Brushy Canyon)

Spot 25 sx of Class C CMT from 5646' to 5418'
Set CIBP @ 5646' Pressure Test @ 1000 psi for 10 minutes

Brushy Canyon "AA" 110
5746' - 5756'
5822' - 5834'
5850' - 5854'

Brushy Canyon "A"
5914' - 5934'
5943' - 5952'
6007' - 6030'

NOTES: Red items
have no
documentation in
NMOCD records,
but are shown on
Range & Vanguard
WBDs.

CIBP @ 6180' w 25 5x Cement

Brushy Canyon "D"
6126' - 6220' (16 holes)

Frac'd 6/1998

Spud Date: 5/7/1998
TD Date: 5/22/1998
Compl Date: 6/10/1998

PBTD = 6330'
TD = 6350'

Note: This schematic is not to scale. For display purposes only.

CONDITIONS FOR PLUGGING AND ABANDONMENT

District II / Artesia N.M.

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, **Notify NMOCD District Office II at (575)-748-1283 at least 24 hours before beginning work.**

1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs.
2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
3. 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 in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.
4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can be released.
6. If the well is not plugged within 1
7. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
8. **Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.**
9. Produced water **will not** be used during any part of the plugging operation.
10. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
11. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
12. **Class 'C' cement will be used above 7500 feet.**
13. **Class 'H' cement will be used below 7500 feet.**
14. **A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged**
15. **All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing**