

NM OIL CONSERVATION

ARTESIA DISTRICT

OIL CONSERVATION DIVISION

OCT 29 2019

1220 South St. Francis Dr.

Santa Fe, NM 87505

RECEIVED

WELL API NO.

30-015-35510

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

South Culebra Bluff 23

8. Well Number: 17

9. OGRID Number

4323

10. Pool name or Wildcat

Loving; Brushy Canyon, East

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

6301 DEAUVILLE BLVD., MIDLAND, TX 79706

4. Well Location

Unit Letter K : 1883 feet from the North line and 1500 feet from the West lineSection 23 Township 23S Range 28E NMPM County Eddy

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

3,001.5' GL, 3,019' KB

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 perfs at 5,840' and 4,139' (see details on WBD).

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

1. Call and notify NMOCD 24 hrs before operations begin.
2. MIRU slickline unit.
3. Run gauge ring t/ locate 1.43 F Nipple at 6,012'. Run tubing plug and set in profile.
4. Pressure test casing and tubing t/ 1,000 psi f/ 15 minutes each.
5. 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.
6. Unlatch from on-off tool and spot MLF as per the guidance document, if tubing passed pressure test.
 - a. Discuss with engineer on standing back tubing if it failed a pressure test.
7. 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).
8. Spot 80 sx CL "C" cmt f/ 4,804' t/ 4,014' (Brushy Canyon, upper squeeze holes).
9. Spot 25 sx CL "C" cmt f/ 3,517' t/ 3,270' (Cherry Canyon).
10. 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).
11. Perforate at 550' and squeeze 140 sx CL "C" cmt f/ Surface t/ 550' (Shoe, FW, T.Salt).
12. Cut all casings & anchors & remove 3' below grade. Verify cement to surface & weld on dry hole marker (4" diameter, 4' tall). Clean location.

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

DENIED

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

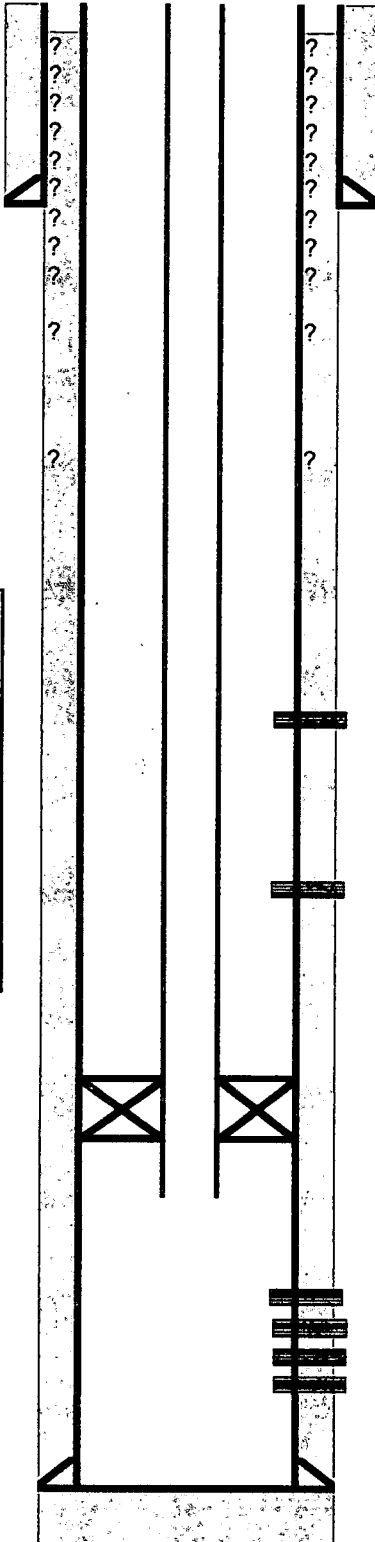
KB: 3,019'
GL: 3,001.5'

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.

cmt w/ 450 sxs

5 1/2" csg @ 6341'
15.5#



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'