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

NM OIL CONSERVATION
ARTESIA DISTRICT
OCT 11 2019
RECEIVED

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
Revised July 18, 2013

WELL API NO.
30-015-26348

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name
South Culebra 23

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

8. Well Number 7

2. Name of Operator
Chevron USA INC

9. OGRID Number
258350

3. Address of Operator
6301 Deauville BLVD, Midland, TX 79706

10. Pool name or Wildcat
East Loving Brushy Canyon

4. Well Location
Unit Letter J : 1750 feet from the East line and 1950 feet from the South line
Section 23 Township 23S Range 28E NMPM County Lea ~~Eddy~~

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3565 GR

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☒	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			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.

Notify OCD 24 hrs. prior to any work done.

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

1.Call and notify NMOCD 24 hrs before operations begin.
2. Move in rig and rig up all CMT equipment
3. RIH and set CIBP @ 4600' Pressure test @ 1000 psi for 10 minutes WOC & Tag
4. Spot 145 sx CL "C" cmt f/ 4600't/ 3376', ~~do not~~ WOC & tag ~~if casing passed a pressure test~~ (perfs, Cherry Canyon, DV tool)
5. Spot 45 sx of Class C CMT f/ 2677' t/ 2262 ' (BSalt,Lamar LS, Bell Canyon). – WOC + Tag
6. P&S 65 sx f/ 592't/ Surface (Shoe, WB).
7.Cut all casings & anchors & remove 3' below grade. Verify cement to surface & weld on dry hole marker as per, NMOCDrequirements. Clean location.

*See Attached COA's Must be Plugged by 10/15/20

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

SIGNATURE RVV TITLE Well P&A Project Manager DATE 10/9/2019

Type or print name Ricky Villanueva E-mail address: ryqg@chevron.com PHONE: 432-687-7786

For State Use Only

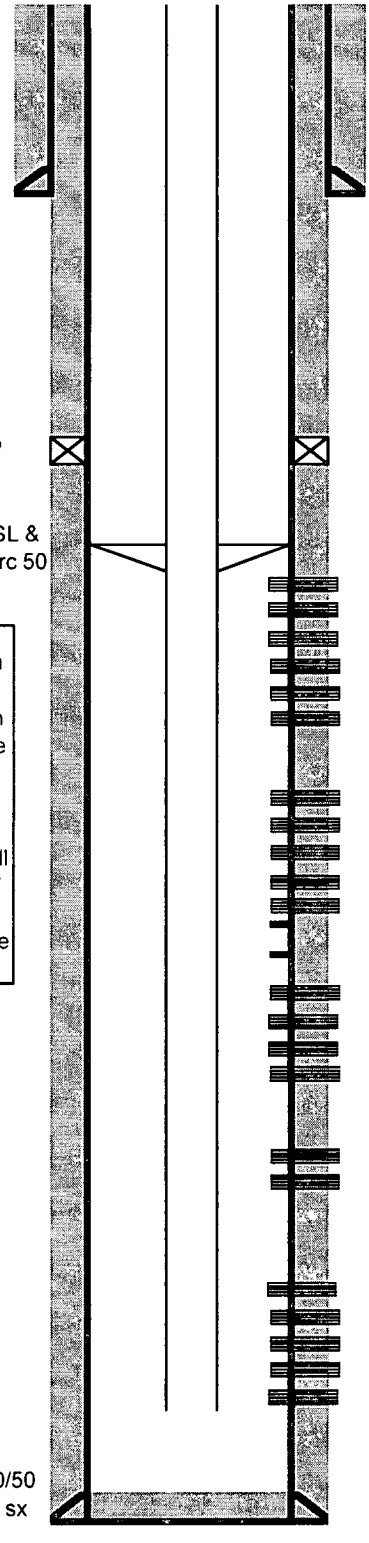
APPROVED BY: TITLE Staff Mgr DATE 10/15/19

Conditions of Approval (if any):

SCB 23-7
Loving East: API #30-015-26348
Eddy County, NM
J-23-23S-28E 1950' FSL, 1750' FEL

CURRENT COMPLETION (Last updated by Y. Li & RJ DeBruin, 7/21/2019)

KB:
GL: 3002'



TOC @ surf
(350 sx Class C, circ 80 sx)

8 5/8"csg @ 542'

DV Tool @ 3473'
TOC @ surf
Stage 2
(cmt w/ 800 sx PSL & 100 sx Class C, circ 50 sx)

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.

Stage 1
(cmt w/ 500 sx 50/50 Pozmix C & 200 sx Class C)

5 1/2"csg @ 6300'

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

CASING DETAIL

Depth	Size	Weight	Grade	Hole
542'	8 5/8"	24#	J-55	12-1/4"
6300'	5 1/2"	15.5, 17#	J-55	7-7/8"

Spud Date: 5/17/1990
TD Date: 5/27/1990
Compl Date: 6/8/1990

ROD & TUBING DETAIL (from 2/6/2013 Range Well Report)

Rod Detail :	Tubing Detail :
1-1/2" x 26' SMPR	1----2-7/8" x 4' Pup Joint
104------7/8" x 25' Skr Rods	147-----2-7/8" J-55 tubing Abv
132------3/4" x 25' Skr Rods	5-1/2" x 2-1/2" TAC
16------7/8" x 25' Skr Rods	56-----2-7/8" J-55 tubing blw
2.5" x 1.5" x 20' RHBC	2-1/2" S/N
1.25" x 6' Gas Anchor	2-1/2" x 4' Perf. sub
	2-1/2" x 30' Mud Joint w/B-plug

NOTE: rod & tubing detail for 5/2014 recompletion not available.

Pardue Perfs: Frac'd 4/2003
4,685' - 4,700'
4,740' - 4,746'
4,758' - 4,768'
4,772' - 4,778'
4,782' - 4,788'
4,791' - 4,794' 104 total shots

Brushy Canyon AA Perfs:
5,766' - 5,772' (12 holes) Frac'd in 5/2014
5,786' - 5,790' (8 holes)
5,818' - 5,824' (12 holes)
5,852' - 5,856' (8 holes)
5,864' - 5,870' (12 holes)

Brushy Canyon A Perfs:
5,946' - 5,950' (8 holes) Frac'd in 5/2014
5,960' - 5,964' (8 holes)
5,984' - 5,988' (8 holes)
5,998' - 6,002' (8 holes)

Brushy Canyon B Perfs:
6,036' - 6,040' (8 holes) Frac'd in 5/2014
6,050' - 6,054' (8 holes)

Brushy Canyon C & D Perfs: Frac'd 6/1990
6,138' - 6,148' (20 holes)
6,158' - 6,168' (20 holes)
6,178' - 6,181' (6 holes)
6,202' - 6,208' (12 holes)
6,230' - 6,240' (20 holes) 78 total shots

PBTD = 6283'
TD = 6300'

SCB 23-7
Loving East: API #30-015-26348
Eddy County, NM
J-23-23S-28E 1950' FSL, 1750' FEL
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Well	SOUTH CULEBRA BLUFF 23 #007
API 10	3001526348
Group	(CFB)
Formation Top; Depth (MD)	Depth (MD)
T Salt	500
B Salt	2380
Lamar LS	2600
Bell Canyon	2627
Cherry Canyon	3489
Brushy Canyon	4736
Bone Spring	6240
1st Bone Spring	below TD
2nd Bone Spring	-
3rd Bone Spring	-
Wolfcamp	-
Strawn	-
Atoka	-
Morrow	-
Mississippian	-
*** none of these wells penetrate Capitan Reef***	T. salt ~500 by lith

Spot 65 sx of Class C CMT f/ 592' to Surface
(WB,Shoe)

Spot 45 sx of Class C CMT f/ 2677' to 2262'
(B Salt, Lamar LS, Bell Canyon)

DV Tool @ 3473'
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(cmt w/ 800 sx PSL & 100 sx Class C, circ 50 sx)

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(Perfs, Cherry Canyon, DV tool) WOC-Tag
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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**

16. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set
17. **A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.**
18. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, **(WOC 4 hrs and tag).**
19. No more than **3000' is allowed between cement plugs in cased hole and 2000' in open hole.**
20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops
    A) Fusselman
    B) Devonian
    C) Morrow
    D) Wolfcamp
    E) Bone Springs
    F) Delaware
    G) Any salt sections
    H) Abo
    I) Glorieta
    J) Yates.
    K) **Potash---** (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 that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, **WOC 4 hours and tag, this plug will be 50' below the bottom and 50' above the top of the Formation.**
21. **If cement does not exist behind casing strings at recommended formation depths,** the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, WOC and tagged. These plugs will be set 50' below formation bottom to 50' above formation top inside the casing

DRY HOLE MARKER REQUIRMENTS

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least ¼" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

1. Operator name 2. Lease and Well Number 3.API Number 4. Unit Letter 5. Quarter Section (feet from the North, South, East or West) 6. Section, Township and Range 7. Plugging Date 8. County (SPECIAL CASES)-------AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)