

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

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

Form C-103  
Revised August 1, 2011

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. 30-015-26294
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
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>D</u> : <u>540</u> feet from the <u>North</u> line and <u>611</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: 5
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2,994' GL, 3,008' KB		9. OGRID Number 4323
		10. Pool name or Wildcat 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" @ 545' TOC Surface, 5-1/2" @ 6,300' TOC Surface, Perforations: 5,890'-6,178'.

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

1. Call and notify NMOCD 24 hrs before operations begin.
2. 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.
3. Long stroke pump and pressure test tubing to 500 psi f/ 15 minutes.
  - a. Prepare to stand back tubing and pressure test running in the well if the test fails.
4. Stand back tubing, R/U wireline, run gauge ring, and set CIBP at 5,680'.
5. Pressure test casing t/ 500 psi f/ 15 minutes.
6. TIH w/ tubing and tag CIBP. Spot 25 sx CL "C" cmt f/ 5,680' t/ 5,433'.
7. Spot 25 sx CL "C" cmt f/ 4,758' t/ 4,512' (Brushy Canyon).
8. Spot 35 sx CL "C" cmt f/ 3,549' t/ 3,203' (Cherry Canyon, DV Tool).
9. Spot 50 sx CL "C" cmt f/ 2,661' t/ 2,167' (Bell Canyon, Lamar, B.Salt)
10. Spot 65 sx CL "C" cmt f/ 595' t/ Surface (Salt, Shoe).
11. 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 Howie Lucas TITLE P&A Engineer, Attorney in fact DATE 10/9/19

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

NM OIL CONSERVATION  
ARTESIA DISTRICT

OCT 29 2019

DENIED

RECEIVED

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):

**SOUTH CULEBRA BLUFF 23-5**  
**Loving East - 30-015-26294**  
**Eddy County, New Mexico**  
**D-23-23S-28E 540 FNL 611 FWL**  
 Current Completion WBD (Updated by Y. Li on 8/12/2019)

KB: 3008'  
 GL: 2994'

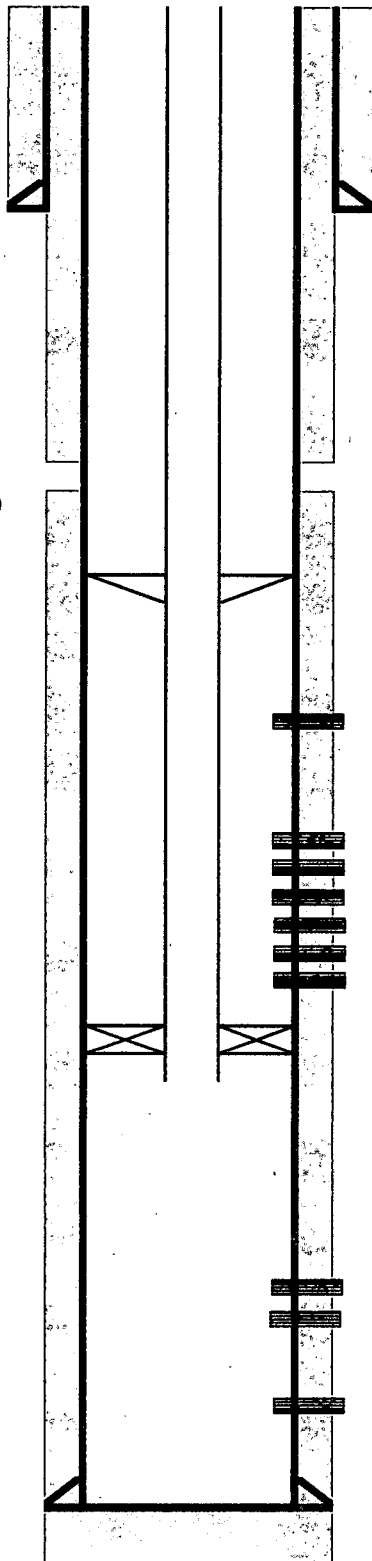
TOC @ surf  
 cmt w/ 450 sxs

8 5/8" csg @ 545'

TOC @ surf  
 Stage 2 cmt w/ 850  
 sxs  
 DV Tool @ 3499'

stage 1 smt w/  
 1700 sxs

5 1/2" csg @ 6300'



Spud Date: 3/15/1990  
 TD Date: 3/25/1990  
 Compl Date: 4/8/1990

CASING DETAIL			
Depth	Size	Weight	Hole Size
545'	8 5/8"	24#	12 1/4"
6300'	5 1/2"	15.5#	7 7/8"

Tbg & Rod Details are Based on Workover report on Feb 2010, No other details found	TUBING DETAIL	
	EOT Depth	Size
	6,217'	2 7/8"

ROD DETAIL	
(87) 7/8" rods	
(163) 3/4" rods	
1.25" pump	
Paraffin noted on several pull jobs. It caused some fishing operations with rods.	

TAC @ 5,617' (2010 record)

Brushy Canyon "AA"  
 5726' - 5786' - 62 holes

Brushy Canyon "A"  
 5890' - 5898'  
 5904' - 5912'  
 5920' - 5930'  
 5934' - 5936'  
 5957' - 5968'  
 5972' - 5982' - 110 holes total

Pkr @ 6,107' (2009 record), may not exist

Range Resources provided Chevron a WBD showing the Brushy Canyon A, AA, and C perforations and stimulation. Can provide to NMOCD at their request

Brushy Canyon "C"  
 6080' - 6087' - 14 holes  
 6091' - 6093' - 4 holes

Brushy Canyon "D"  
 6132' - 6178' - 56 holes

PBTD = 6,254'  
 TD = 6,300'

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

frac'd in '00
<u>Note: No NMOCD Record, Based on previous Operator Range's record</u>
frac'd in '00
<u>Note: No NMOCD Record, Based on previous Operator Range's record</u>
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.
acidized in '09
<u>Note: No NMOCD Record, Based on previous Operator Vanguard's record</u>
frac'd in '90

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**Loving East - 30-015-26294**  
**Eddy County, New Mexico**  
**D-23-23S-28E 540 FNL 611 FWL**  
Proposed WBD (Updated by H Lucas 10/9/19)

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GL: 2994'

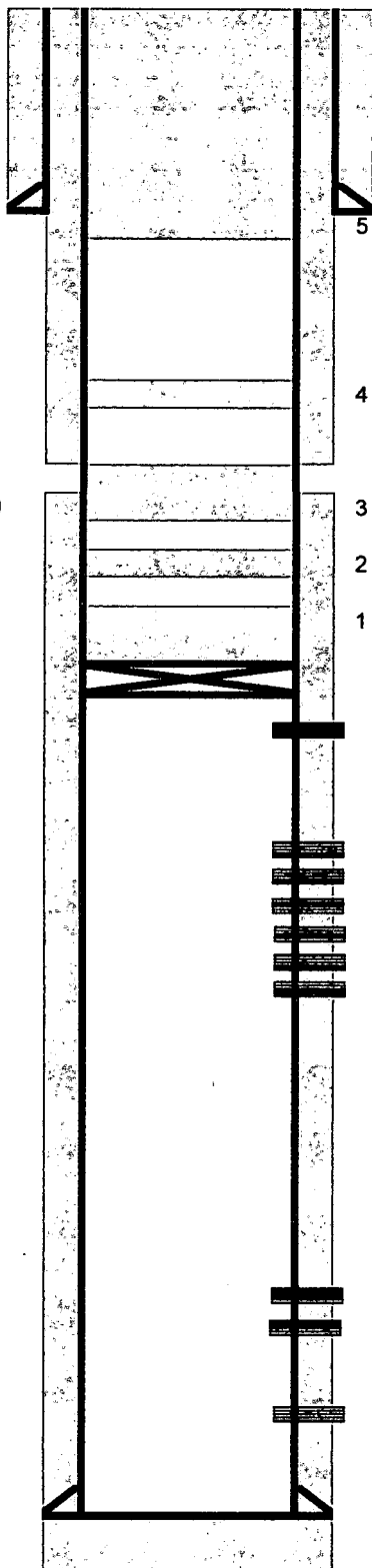
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CASING DETAIL			
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Formation Name	Depth
	(MD)
T Salt	543
B Salt	2,367
Lamar LS	2,584
Bell Canyon	2,611
Cherry Canyon	3,405
Brushy Canyon	4,708
Bone Spring	6,180

5 Spot cement f/ 50'  
below the shoe t/  
surface

4 Spot cement across  
Bell Canyon, Lamar  
and B.Salt

3 Spot cement across DV tool and Cherry Canyon

2 Spot cement above Brushy Canyon

1 Pull rods and tubing, set CIBP at 5680', spot cement on top of CIBP

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