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

WELL API NO.
30-015-23339

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 Bluff Unit

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

NM OIL CONSERVATION
ARTESIA DISTRICT
MAR 18 2019
RECEIVED

8. Well Number: 6

2. Name of Operator
Chevron USA, Inc.

9. OGRID Number
4323

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

10. Pool name or Wildcat
Loving, Brushy Canyon, East

4. Well Location
Unit Letter E : 1980 feet from the NORTH line and 660 feet from the WEST line
Section 24 Township 23S Range 28E, NMPM, County Eddy

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
2986' GL

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	☐						
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. **13 3/8" 48# @ 485': TOC @ surface; 7 5/8" 26.4# @ 7006': TOC @ 3920' (CBL); 4 1/2" 11.6# @ 6801'-9498": TOC @ 6801'; CIBP w/ 35' cmt cap @ 6323'**

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

1. MIRU, pull rods, N/U BOPE, pull tubing
2. Wireline tag existing TOC @ 6288' on top of existing CIBP @ 6323' to verify placement
3. Wireline set CIBP @ 4760'
4. TIH, tag CIBP, circulate well w/ fresh water, pressure test casing t/ 500 psi for 10 min, and spot MLF if pressure test passed
5. Spot 25 sx CL C cmt f/ 4760' t/ 4650' (Perfs). WOC & ~~tag if pressure test in Step 4 failed~~. If MLF not previously spotted, then spot MLF.
6. Perf & squeeze 170 sx CL C cmt f/ 2690' t/ 2324' (Delaware, B. Salt) -WOC & Tag
7. Perf & squeeze 390 sx CL C cmt f/ 535' t/ surface (Shoe, T. Salt, Fresh Water)
8. Verify top of cement at surface on all casing strings

Notify OCD 24 hrs. prior to any work done.

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

3/18/2019

*See Attached COA's

Must be Plugged by 3/19/20

X Nick Glann

Nick Glann
P&A Engineer/Project Manager
Signed by: Nick Glann

SIGNATURE

E-mail address: nglann@chevron.com PHONE: 432-687-7786

For State Use Only

APPROVED BY: TITLE St. Mgr DATE 3/19/19

Conditions of Approval (if any):

ENTERED
by 3-21-19

SCBU #6
Loving East: API #30-015-23339
Eddy County, NM
Unit E; Sec 24; T23S, R28E; 1980' FNL & 660' FWL

CURRENT COMPLETION: Updated by RJD 3/16/2019

GL: 3004' KB: Unknown

Spudded 7/11/1980
Completed 12/19/1980

TOC @ surf

13-3/8"csg @ 485'
Cmt w/ 600 sxs Class "C"
Circ 35 sxs
17-1/2" hole

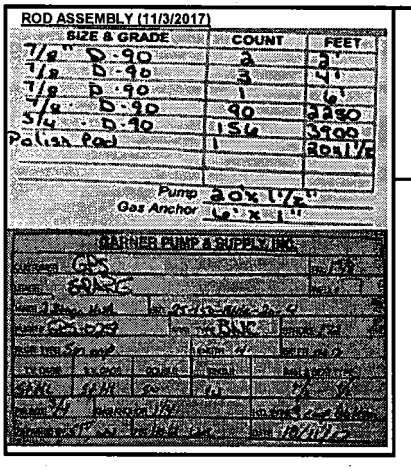
TOC @ 3920' (CBL)

Formation Tops	
T. Salt	461
B. Salt	2424
Delaware	2640
Brushy Canyon	4775
Bone Spring	6289

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

CASING PROGRAM

Depth	Size	Weight	Grade
485'	13-3/8"	48#	H-40
7006'	7-5/8"	26.4#	S-95, N-80, K-55
9498'	4-1/2"	11.6#	N-80



TUBING ASSMBLY (pre 11/3/2017, from RC Pump Change Pkg)

DESCRIPTION	# OF JTS	LENGTH	DEPTH
Tbg: 2-7/8 J-55 6.5# 8RD	~192	6002'	
TAC: 7-5/8 X 2-7/8 (50k shear) Baker	1	3.5'	
Tbg: 2-7/8 J-55 8RD	?		
SN: 2-7/8 8RD	?		
PERF/MUD: 2-7/8 8RD	?		
BP: 2-7/8 8RD	?		

Pardue (Brushy Canyon)
4810' - 4820' (6 spf, ~60 holes)
NOTE: No record in NMOCD.
Perf'd & frac'd in 2006 (per Range WBD).

Brushy Canyon "AA"
5892' - 5894' (13 holes)
NOTE: No record in NMOCD.
Perf'd & frac'd in 2004 (per Range WBD).

Brushy Canyon "A"
6000' - 6002' (10 holes)
NOTE: No record in NMOCD.
Perf'd & frac'd in 2004 (per Range WBD).

Brushy Canyon "B"
6071' - 6073' (10 holes)
NOTE: No record in NMOCD.
Perf'd & frac'd in 2004 (per Range WBD).

Brushy Canyon "C"
6174' - 6249' (74 holes)
Frac'd in 1990

CIBP @ 6323' (35' cmt on top)
Set in 6/1992

Bone Spring
6392' - 6418' (1 spf, 27 holes)
6655' - 6694'
Frac'd in 1981
No stim records

Top of 4-1/2" liner @ 6801'

7-5/8"csg @ 7006'
Cmt w/ 2725 sxs Trinity Light & 330 sxs Class 'H'
9-1/2" hole

Bone Spring
7050' - 7088'
No stim records

1st & 2nd Bone Spring
7693' - 7733' (1 spf, 21 holes)
Frac'd in 1980
8249' - 8369'
No stim records

2nd Bone Spring
8820' - 8842' (1 spf, 23 holes)
Frac'd in 1980

Cmt to TOL (good circ thoughout job)
4-1/2" liner @ 9498'
Cmt w/ 450 sxs Class 'H'
6-1/2" hole

Current PBTD = 6278' (in 3/2012 drilled out CIBP @ 6140' & left on top of CIBP/cmt @ 6288')
Orig PBTD = 9454'
TD = 9506'

SCBU #6
Loving East: API #30-015-23339
Eddy County, NM
Unit E; Sec 24; T23S, R28E; 1980' FNL & 660' FWL
PROPOSED P&A

GL: 3004' KB: Unknown

Spudded 7/11/1980
Completed 12/19/1980

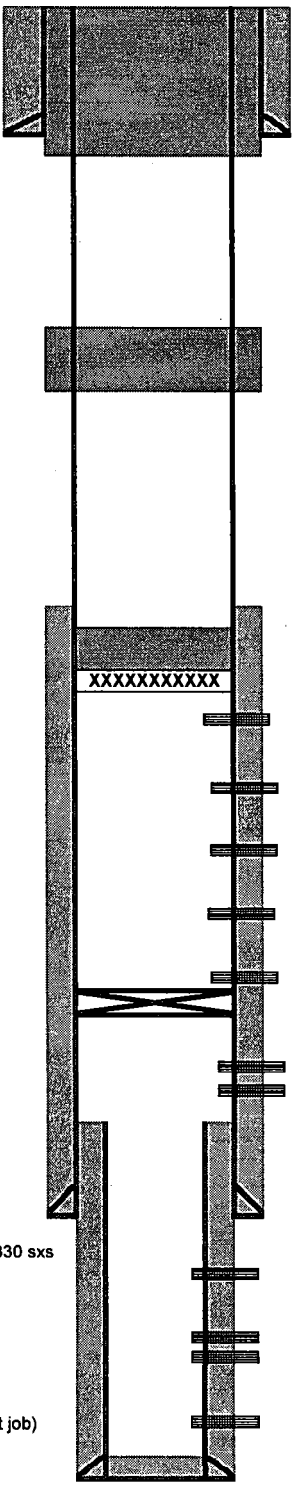
TOC @ surf

13-3/8"csg @ 485'
Cmt w/ 600 sxs Class "C"
Circ 35 sxs
17-1/2" hole

TOC @ 3920' (CBL)

Formation Tops	
T. Salt	461
B. Salt	2424
Delaware	2640
Brushy Canyon	4775
Bone Spring	6289

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



CASING PROGRAM			
Depth	Size	Weight	Grade
485'	13-3/8"	48#	H-40
7006'	7-5/8"	26.4#	S-95, N-80, K-55
9498'	4-1/2"	11.6#	N-80

Perf & squeeze 390 sx CL C cmt f/ 535' t/ surface (Shoe, T. Salt, Fresh Water)

Perf & squeeze 170 sx CL C cmt f/ 2690' t/ 2324' (Delaware, B. Salt). WOC & tag

Spot 25 sx CL C cmt f/ 4760' t/ 4650' (Perfs). WOC & tag
Set CIBP @ 4760'

Pardue (Brushy Canyon)
4810' - 4820' (6 spf, ~60 holes)
NOTE: No record in NMOCD.
Perf'd & frac'd in 2006 (per Range WBD).

Brushy Canyon "AA"
5892' - 5894' (13 holes)
NOTE: No record in NMOCD.
Perf'd & frac'd in 2004 (per Range WBD).

Brushy Canyon "A"
6000' - 6002' (10 holes)
NOTE: No record in NMOCD.
Perf'd & frac'd in 2004 (per Range WBD).

Brushy Canyon "B"
6071' - 6073' (10 holes)
NOTE: No record in NMOCD.
Perf'd & frac'd in 2004 (per Range WBD).

Brushy Canyon "C"
6174' - 6249' (74 holes)
Frac'd in 1990

CIBP @ 6323' (35' cmt on top)
Set in 6/1992

Bone Spring
6392' - 6418' (1 spf, 27 holes)
Frac'd in 1981
6655' - 6694'
No stim records

Top of 4-1/2" liner @ 6801'

7-5/8"csg @ 7006'
Cmt w/ 2725 sxs Trinity Light & 330 sxs Class 'H'
9-1/2" hole

Bone Spring
7050' - 7088'
No stim records

1st & 2nd Bone Spring
7693' - 7733' (1 spf, 21 holes)
Frac'd in 1980
8249' - 8369'
No stim records

2nd Bone Spring
8820' - 8842' (1 spf, 23 holes)
Frac'd in 1980

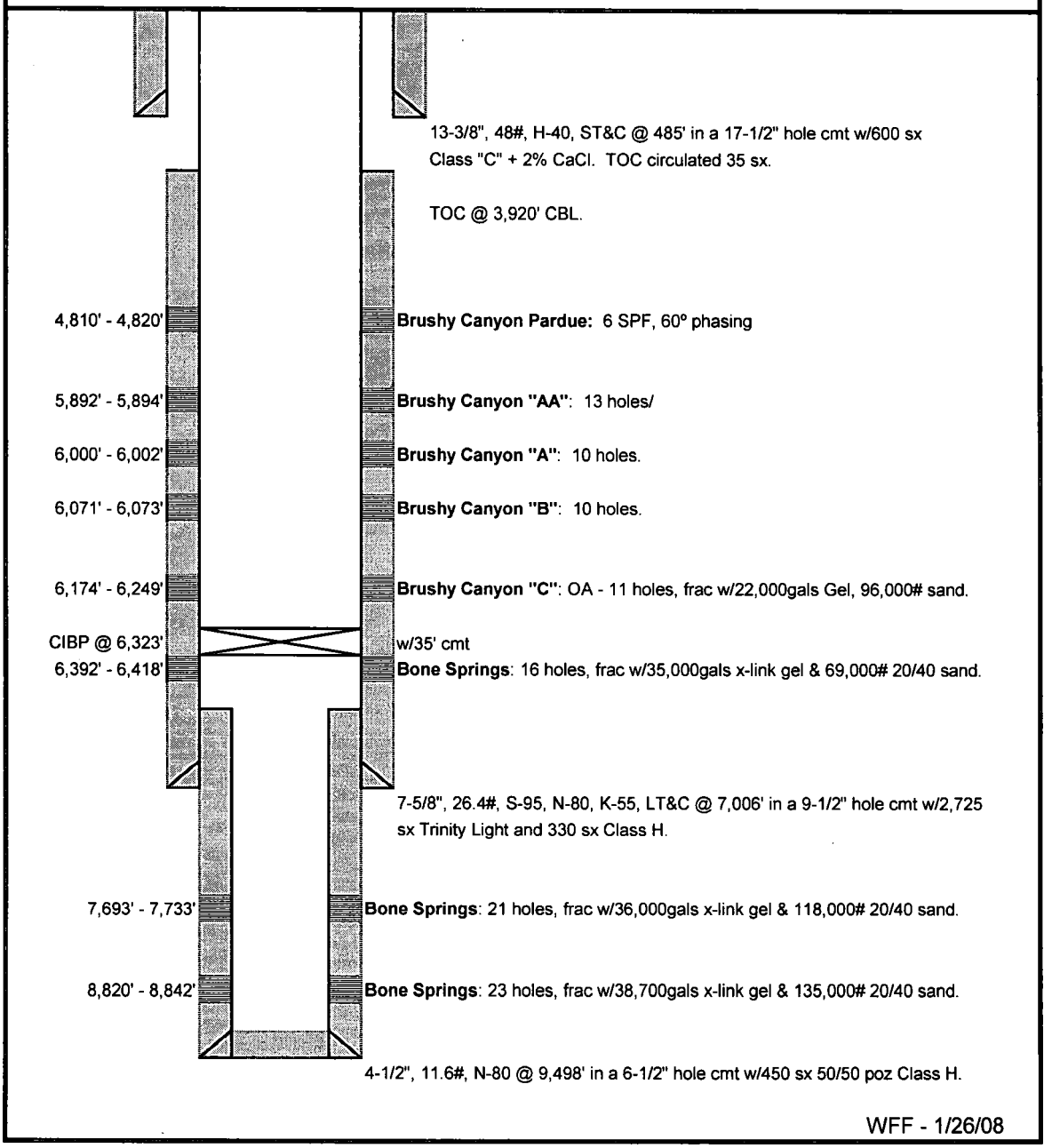
Cmt to TOL (good circ thoughout job)
4-1/2" liner @ 9498'
Cmt w/ 450 sxs Class 'H'
6-1/2" hole

Current PBTD = 6278' (in 3/2012 drilled out CIBP @ 6140' & left on top of CIBP/cmt @ 6288')
Orig PBTD = 9454'
TD = 9506'

RANGE RESOURCES

LEASE: SCB	WELL #: 6B	API#: 30-015-23339
FIELD: Loving East	COUNTY: Eddy	STATE: New Mexico
LOCATION: Sec 24, T23S, R28E	LEGAL:	KB: 22' (3004')

EXISTING COMPLETION



WFF - 1/26/08

Klein, Ranell, EMNRD

From: Glann, Nick D <NGlann@chevron.com>
Sent: Monday, March 18, 2019 1:54 PM
To: Klein, Ranell, EMNRD
Subject: [EXT] Intent to P&A SCBU 6
Attachments: Unapproved Chevron SCBU 6 PA C-103.pdf; SCBU 6 - Current and Proposed WBDs.pdf; SCB 6B WBD - Range LLC.pdf

Good Afternoon,

Attached are documents for your review and approval in our intent to P&A SCBU 6. This is another one of the wells we recently acquired where records do not necessarily match with what is in NMOCD's records. On the WBDs, it is notated what does not match up, but I am also including a WBD that Range LLC provided to Vanguard upon their purchase of the well, which was then given to RockCliff upon their acquisition of the well, which was then passed on to us in our procurement of the well.

Regardless if the perfs are actually there, if we verify the existing TOC on the CIBP and place a CIBP in accordance with our proposed plan, we will be relatively close to what our plan would be if the perfs were not in place, which would be placing the Brushy Canyon plug slightly lower than where the CIBP will be placed. Given the uncertainty, we respectfully request that we be provided permission to proceed as outlined in an effort to ensure a quality abandonment in either case.

Thank you,

Nick Glann
Well P&A Engineer/Project Manager
Upstream Business Unit

Chevron Environmental Management Company
6301 Deauville Blvd, N4707
Midland, TX 79706
Office 432-687-7786
Mobile 661-599-5062
Email NGlann@chevron.com

Red/Green

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)