

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 August 1, 2011

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

WELL API NO.
30-015-33607

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: 14

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 AND INSTRUCTIONS) FOR 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 N : 990 feet from the SOUTH line and 1650 feet from the WEST line
Section 23 Township 23S Range 28E, NMPM, County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3006' GL

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 ☐

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. 8 5/8" 24# @ 335': TOC @ surface; 5 1/2" 15.5# @ 6419': TOC @ surface

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

1. MIRU, pull rods, N/U BOPE, pull tubing
2. Set CIBP @ 5870' w/ wireline, fill well with fresh water while TIH w/ tubing, pressure test casing to 500 psi for 10 minutes - if pressure test passes, spot MLF
3. Spot 25 sx CL C cement f/ 5870' t/ 5643' (Perfs). If pressure test in Step 2 failed, WOC, tag, & pressure test. If ~~pressure test in Step 3 passed, do not~~ WOC & tag. If MLF not previously spotted, spot MLF.
4. Spot 25 sx CL C cement f/ 4790' t/ 4563' (Brushy Canyon)
5. Spot 25 sx CL C cement f/ 3400' t/ 3173' (DV Tool)
6. Spot 40 sx CL C cement f/ 2637' t/ 2270' (Delaware, B. Salt)
7. Spot 45 sx CL C cement f/ 385' t/ surface (Shoe, T. Salt, Fresh Water) - Perf @ 385' & Attempt to Circ.
8. Verify top of cement at surface on all casing strings

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

* See Attached COA's 3/20/2019

X Nick Glann

Nick Glann
P&A Engineer/Project Manager

SIGNATURE Signed by: Nick Glann

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

For State Use Only

APPROVED BY: [Signature] TITLE State Engineer DATE 3/22/19

Conditions of Approval (if any):

ENTERED
By 3.22.19

SCB 23 #14
Loving East: API #30-015-33607
Eddy County, NM
Unit N; Sec 23; T23S, R28E; 990 FSL & 1650 FWL
 CURRENT COMPLETION: Updated by RJD 3/16/2019

KB: Unknown
 GL: 3006'

TOC @ surf
 Cmt w/ 350 sxs
 Circ 100 sxs

8 5/8" csg @ 335'
 12-1/4" hole

DV Tool @ 3350'

Formation Tops	
T. Salt	345
B. Salt	2370
Delaware	2587
Brushy Canyon	4740

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.

TOC @ surf (CBL)
 Cmt w/ 1206 sxs
 Circ 102 sxs

5 1/2" csg @ 6419'
 7-7/8" hole



CASING PROGRAM			
Depth	Size	Weight	Grade
335'	8 5/8"	24#	Unknown
6419'	5 1/2"	15.5#	J-55

TUBING & ROD DETAIL

From Sept 21, 2012 Pump Change Report

Detailed Summary

Purpose of Work: Pump Change

MIRU PU and pump trk. Pump 25bbls of 2% KCL down casing for well control. Unhang well and unseat pump. POOH w/ rods and pump. Found split on pump barrel 6" above SN. RIH w/ 1.5" pump, 10-1" sinker bars, 123-3/4" rods, 111-7/8" rods, rod subs and polish rod. Hang on well and load tbg w/ 25bbls of 2% KCL. Held 500psi, bleed down pressure and turn on PJ. Good pump action. RDMO PU and pump trk.

From Dec 19, 2009 Add Perfs Report (last record of running tubing)

Comment
Purpose of Work: Add Brushy Canyon "C" Perfs Rig crew to loc. TIH w/ production tbg. NDBOP, set TAC and NUWH. RIH w/ pump and rods.

Report referred to 2-7/8"
 tbg w/ btm of mud jt @
 6183'.

Brushy Canyon 'A'
 5920' - 5930' (6 spf, 60 holes)

Frac'd in 2004

Brushy Canyon 'C'
 6130' - 6138" (2 spf, 16 holes)

NOTE: No record in NMOCD.
 Perf'd & Acidized 12/2009 (per Range report)

Brushy Canyon 'D'
 6205' - 6215' (6 spf, 59 holes)

Frac'd in 2004

Spudded 10/15/2004
 Completed 12/16/2004

PBTD = 6321'
 TD = 6419'

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

PROPOSED P&A

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



RANGE RESOURCES

Daily Completion and Workover

Well Name: SCB 23-14

Report # 2, Report Date: 12/17/2009

API/UWI 30-015-3360700	Property # 790012014	County Eddy	State/Province New Mexico	Area SWD-NBS
Well Configuration Type	Original KB Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Head Distance (ft)
				District 437 Loving

Event Description

Primary Job Type EXPENSE WORKOVER LOE/AFE	Secondary Job Type Add Brushy Canyon "C" Perfs	Start Date 12/15/2009
Current Activity	1st Production Date	

AFE Number 0904510160	Total AFE + Sup Amount	Daily Cost Total 9,743	Cum Cost To Date 14,389
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Job Contacts

Job Contact	Title	Mobile
Steve Almager	PS II	575-631-0926

Daily Time Log

Start Time	End Time	Dur (hrs)	Code 1	Code 2	Code 3	Comment
06:00	16:00	10.00				Purpose of Work: Add Brushy Canyon "C" Perfs Rig crew to loc. PU 2jt of 2-7/8" tbg to tag. Tagged fill @ 6289' (32' of fill). Layed down 2jt of tbg and TOH w/ tbg. MIRU WLT, RIH w/ 4.65" gauge ring, CCL and gamma ray. Tagged fill @ 6288'. POOH w/ wireline tools, RIH w/ 3-1/8" slick guns, set @ 2SPF, 60 degree phased w/ 0.35" entry hole. Correlated back to log and perforated at the following intervals: Brushy Canyon "C" Zone 6130'-6138' 8' 16shots ALL FIRED POOH w/ wireline guns and RDMO WLT. TIH w/ 5.5" RBP and packer w/ 180jts of 2-7/8" tbg. Left tools hanging. SDON

Total Costs to Date

Daily Cost Total 9,743	Cum Cost To Date 14,389
Cost Description	Cost
MISCELLANEOUS	464
SUBSURFACE WELL SERVI...	900
SUBSURFACE WELL SERVI...	1,429
SUBSURFACE WELL SERVI...	4,600
SWABBING/SERVICE RIG	2,350



RANGE RESOURCES

Daily Completion and Workover

Well Name: SCB 23-14

Report # 3, Report Date: 12/18/2009

API/UWI 30-015-33607	Property # 790012014	County Eddy	State/Province New Mexico	Area SWD-NBS
Well Configuration Type	Original KB Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Head Distance (ft)
				District 437 Loving

Event Description

Primary Job Type EXPENSE WORKOVER LOE/AFE	Secondary Job Type	Start Date 12/15/2009
Current Activity Add Brushy Canyon "C" Perfs	1st Production Date	
AFE Number 0904510160	Total AFE + Sup Amount 11,801	Cum Cost To Date 26,190

Job Contacts

Job Contact	Title	Mobile
Steve Almager	PS II	575-631-0926

Daily Time Log

Start Time	End Time	Dur (hrs)	Code 1	Code 2	Code 3	Comment
06:00	21:00	15.00				Purpose of Work: Add Brushy Canyon "C" Perfs Rig crew to loc. TIH w/ tools and tbg. Set RBP @ 6167', pulled of RBP and set packer @ 6160'. MIRU Schlumberger acid crew to tbg. Test lines to 4000psi, bleed down lines and test RBP to 3000psi. Held good, bleed down and unset packer. Moved packer and set @ 6095'. Held safety mtg and begin acid job. RU pump trk to backside and pump 2% KCL down csg @ 2BPM. Established injection rate w/ 2% KCL, pumped 1000gals of 15% NEFE acid and flushed w/ 42bbls of 2%. Acid job completed sucessfully. Breakdown-2008 ISIP-864psi 5min-0psi Max PSI-2228 Max Rate-4.9BPM Avg PSI-1293 Avg Rate-3.5BPM TLTR-88bbls Total Acid-24bbls TLR-0bbls Unset packer, TIH and retrieved RBP. TOH w/ tbg and tools. SDON

Total Costs to Date

Daily Cost Total 11,801	Cum Cost To Date 26,190
Cost Description	Cost
MISCELLANEOUS	562
SUBSURFACE WELL EQUIP...	3,500
SUBSURFACE WELL EQUIP...	400
SUBSURFACE WELL SERVI...	1,350
SUBSURFACE WELL SERVI...	1,989
SURFACE FACILITY/WELL ...	450
SURFACE FACILITY/WELL ...	250
SWABBING/SERVICE RIG	3,300

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 REQUIREMENTS

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)