Submit 1 Copy To Appropriate District State of New Mexico Form C-103 Office Energy, Minerals and Natural Resources Revised August 1, 2011 District I - (575) 393-6161 WELL API NO. 1625 N. French Dr., Hobbs, NM 88240 30-025-32902 District II - (575) 748-1283 **OIL CONSERVATION DIVISION** 811 S. First St., Artesia, NM 88210 5. Indicate Type of Lease District III - (505) 334-6178 1220 South St. Francis Dr. STATE | FEE 🔯 1000 Rio Brazos Rd., Aztec, NM 87410 Santa Fe, NM 87505 6. State Oil & Gas Lease No. District IV - (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM 87505 SUNDRY NOTICES AND REPORTS ON WELLS 7. Lease Name or Unit Agreement Name (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 R.R. Sims B PROPOSALS.) 8. Well Number: 1 1. Type of Well: Oil Well Gas Well Other 2. Name of Operator 9. OGRID Number Chevron USA Inc. 3. Address of Operator 10. Pool name or Wildcat 6301 DEAUVILLE BLVD., MIDLAND, TX 79706 Langlie Mattix; 7 RVRS ON G/B 4. Well Location 2030 feet from the East Unit Letter O : 535 feet from the line 4 Township 23S **NMPM** Section County Lea 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,314' GL, 3,326' KB 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 □ **CHANGE PLANS** COMMENCE DRILLING OPNS. **TEMPORARILY ABANDON** P AND A MULTIPLE COMPL П **PULL OR ALTER CASING** CASING/CEMENT JOB П DOWNHOLE COMMINGLE OTHER: **TEMPORARILY ABANDON** 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. 9-5/8" @ 1,182' TOC Surface, 7" @ 7,250' TOC Surface, Perforations: 3,719'-3,994', CIBP at 5,600', Perforations: 5,679'-5,872', 6,116'-6,250', CIBP at 6,400', Perforations: 6,723'-7,144'. 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. 3. Kill well as necessary. 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. 4. Pressure test tubing t/ 1,000 psi f/ 15 minutes. 5. M/U rod BOP and function test. Pull rods and L/D. 6. N/D WH, N/U & test BOP. 7. TOH w/ production tubing. a. Discuss with engineer about pressure testing tubing running in the well if pressure test failed. 8. R/U wireline & lubricator, pressure test t/ 500 psi f/ 10 min. 9. Set CIBP at 3,650'. 10. TIH w/ tubing (fill well w/ fresh water while tripping). 11. Tag CIBP and test casing t/ 500 psi f/ 15 minutes. a. Contact NMOCD t/ discuss waiving WOC on plugs spotted if casing passes a pressure test. 12. Spot MLF (subtracting cement plug volumes). See Attached Conditions of Approval a. Wait to spot MLF if casing failed a pressure test. 13. Spot 65 sx CL "C" cmt f/ 3,650' t/ 3,226' (Perfs, Grayburg, Queen). a. TOC must be at 3,280' or shallower.

15. Spot 225 sx CL "C" cmt f/ 1,340' t/ Surface (T.Salt, Shoe, FW).

a. TOC must be at 2,414' or shallower.

14. Spot 85 sx CL "C" cmt f/ 2,880' t/ 2,373' (7 Rivers, Yates, B.Salt).

a. Deepest freshwater in the area is ~117'.

16. 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 TITLE P&A Engineer, Attorney in fact DATE 02/13/2020

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

For State Use Only

APPROVED BY: TITLE TITLE OF DATE 2-19-20

Conditions of Approval (if any).

## **Current Wellbore Diagram**

Lease-----

Sims RR B

SIMS R R 'B' #1

Updated-----

02/13/20

(X):, (Y)□

By: Howi

Well #-----Field-----

FLD-NM TEAGUE NORTH

Surf. Loc.---

Bot. Loc.----

32.3275800 / -103.165560

County/TX-----

**LEA/NM** 

Lat & Long

API #-----

3002532902

**Unit Letter** 

Section-TWNSP-Rng

SEC-4,TWN-23S,RNG-378

Chevno----Company ----- BC4538 Chevron

Survey

990 FNL 1650 FEL

Status-----

**Producing** 

Ini. Spud-----

4/27/1995

**Battery** 

Sims B - RR FAC

Ini. Comp---

2008-06-27

3326' KB-----

GR-----

GL-----<u>3314'</u>

Surface Casing

Size-----

9 5/8"

Wt., Grd.----

36#

Depth-----

1182'

Sxs Cmt-----

650 sxs

Yes, 138 sxs

Circulate----TOC-----

Circulated

Hole Size----

12 1/4"

**Production Casing** 

Size-----

Wt., Grd.----

965' 32#, 3914' 23#, 2371' 26#

Depth----

7250'

Sxs Cmt----

3000 sxs

Circulate----

Yes, 420 sxs, CBL (4/2008)

TOC-----

Circulated

Hole Size----

7 7/8"

	TD, ft
Formation Name	Тор
Anhy	1149'
T Salt	1290'
<b>B</b> Salt	2464'
Yates	2597'
7 Rivers	2830'
Queen	3330'
Grayburg	3676'
San Andres	4024'
Glorieta	5080'
Paddock	5252'

## **Proposed Wellbore Diagram**

Lease-----

Sims RR B

Updated-----

02/13/20

Well #-----

SIMS R R 'B' #1

Surf. Loc.----

(X):, (Y) [

Field-----

FLD-NM TEAGUE NORTH

Bot. Loc.----Lat & Long

32.3275800 / -103.165560

By: H Lu

County/TX-----API #-----

LEA/NM

Chevno-----

3002532902

**Unit Letter** 

Section-TWNSP-Rng <u>SEC-4,TWN-23S,RNG-37</u>§

Company -----

BC4538 Chevron

990 FNL 1650 FEL

Status-----

**Producing** 

Survey

**Battery** 

Ini. Spud-----

4/27/1995

Sims B - RR FAC

Ini. Comp----

2008-06-27

3326' KB-----

GR-----

GL-----

3314'

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3 Spot cement across T.Salt t/ surface

2 Spot cement across 7 Rivers, Yates, and B.Salt.

1 Set CIBP at 3650' and spot cement above across

### CONDITIONS OF APPROVAL FOR PLUGGING AND ABANDONMENT OCD - Southern District

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 I** (Hobbs) at (575)-263-6633 at least 24 hours before beginning work. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down.

# Company representative will be on location during plugging procedures.

- 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. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
- 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 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.
- 7. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.
- 8. Produced water will not be used during any part of the plugging operation.
- 9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
- 10. 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.
  - 11. Class 'C' cement will be used above 7500 feet.
  - 12. Class 'H' cement will be used below 7500 feet.
- 13. 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
- 14. 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, woe 4 hours and tag, this plug will be SO' 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, woe and tagged. These plugs will be set SO' below formation bottom to 50' above formation top inside the casing

#### **DRY HOLE MARKER REQ.UIRMENTS**

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 1/4" 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)

SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION