

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. 30-015-22686
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" 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 Williams Gas Com
4. Well Location Unit Letter <u>C</u> : <u>560</u> feet from the <u>North</u> line and <u>1980</u> feet from the <u>West</u> line Section <u>23</u> Township <u>17S</u> Range <u>35E</u> NMPM County <u>Eddy</u>		8. Well Number: <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2,989' GL, 3,009' KB		9. OGRID Number 4323
		10. Pool name or Wildcat SWD; Delaware

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

<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/>	<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: <input type="checkbox"/>

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.

Please see attached procedure

SEE CHANGES TO PROCEDURE

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

SIGNATURE [Signature] TITLE Well Abandonment Engineer, Attorney-in-Fact DATE 04/29/2021

Type or print name Howie Lucas PHONE: 832-588-4044

**For State Use Only**

APPROVED BY: [Signature] TITLE Staff Manager DATE 5/13/2021  
 Conditions of Approval (if any):

\*\*\*\*SEE ATTACHED COA's\*\*\*\*

MUST BE PLUGGED BY 5/13/2022

**Williams Gas Com 1  
Short Procedure**

**CTU Work** - All cement plugs calculated with 1.32 yield Class C and 1.18 yield Class H. If a different weight/yield is used, recalculate sacks based on depth.

1. Contact NMOCD at least 24 hours prior to performing any work.
2. MIRU CTU.
3. Verify pressures and kill well as per SOP/Guidance Document.
  - a. Bubble test intermediate and surface casings for 30 minutes each and share results in WellView under daily pressure.
4. N/U quad BOP and pressure test 250 psi low for 5 minutes and 1,000 psi, MASP, or max anticipated pressure (whichever is larger) high for 15 minutes (suffice as casing test).
  - a. On a chart with no bleed off aloud.
  - b. Ensure pressure does not exceed 80% burst of tubing/casing. Contact engineer to discuss.
5. TIH w/ CT to 6,324'.
6. Spot 30 sx CL "C" Cement f/ 6,324' t/ 6,166' (Bone Springs). 6374'
  - a. Plug must be at or above 6,274'. 6274'
7. Spot 30 sx CL "C" Cement f/ 4,759' t/ 4,602' (Brushy Canyon).
  - a. Plug must be at or above 4,656'
8. Spot 30 sx CL "C" Cement f/ 3,698' t/ 3,541' (Cherry Canyon).
  - a. Plug must be at or above 3,598'.
9. Perforate at 2,500' and squeeze 202 sx CL "C" Cement f/ 2,500' t/ 1,950', WOC & tag (Bell Canyon).
  - a. Plug must be at or above 2,000'.
10. Pressure test casing to 1,000 psi for 15 minutes (barrier plug).
11. Perforate at 445' and squeeze 165 sx CL "C" Cement f/ 1,055' t/ 0' (Salt, Shoe, FW).
  - a. Base of fresh water in this area is ~80'.
12. Verify cement to surface.
13. RDMO.
  - a. Perform final bubble test and record in WellView.

## CONDITIONS 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 II at (575)-748-1283 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, 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)

#### SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION

<b>Lease:</b>	Williams Gas Com	<b>Well No.:</b>	1	<b>Field:</b>	Culebra Bluff (South)
<b>Surface Location:</b>	560' FNL & 1980' FWL	<b>Unit Ltr:</b>	C	<b>Sec:</b>	25 TSHP/Range: 23S/28E
<b>Bottomhole Location:</b>	Same	<b>Unit Ltr:</b>		<b>Sec:</b>	TSHP/Range:
<b>County:</b>	Eddy	<b>St:</b>	NM	<b>API:</b>	30-015-22686
<b>Current Status:</b>	Inactive Gas Well	<b>St Lease:</b>	FEE	<b>Cost Center:</b>	
		<b>Elevation:</b>	2989' GL	<b>CHEVNO:</b>	EQ4264

**Surface Csg.**

Size: 16"  
 Wt.: 65 & 84#, H-40  
 Set @: 395  
 Sxs cmt: 500  
 Circ: yes  
 TOC: surface, 5 sx  
 Hole Size: 20"

**Intermediate Csg.**

Size: 10-3/4"  
 Wt.: 40.5#, K-55  
 Set @: 2626'  
 Sxs Cmt: 3600  
 Circ: yes, 145 sx  
 TOC: surface  
 Hole Size: 14 3/4"

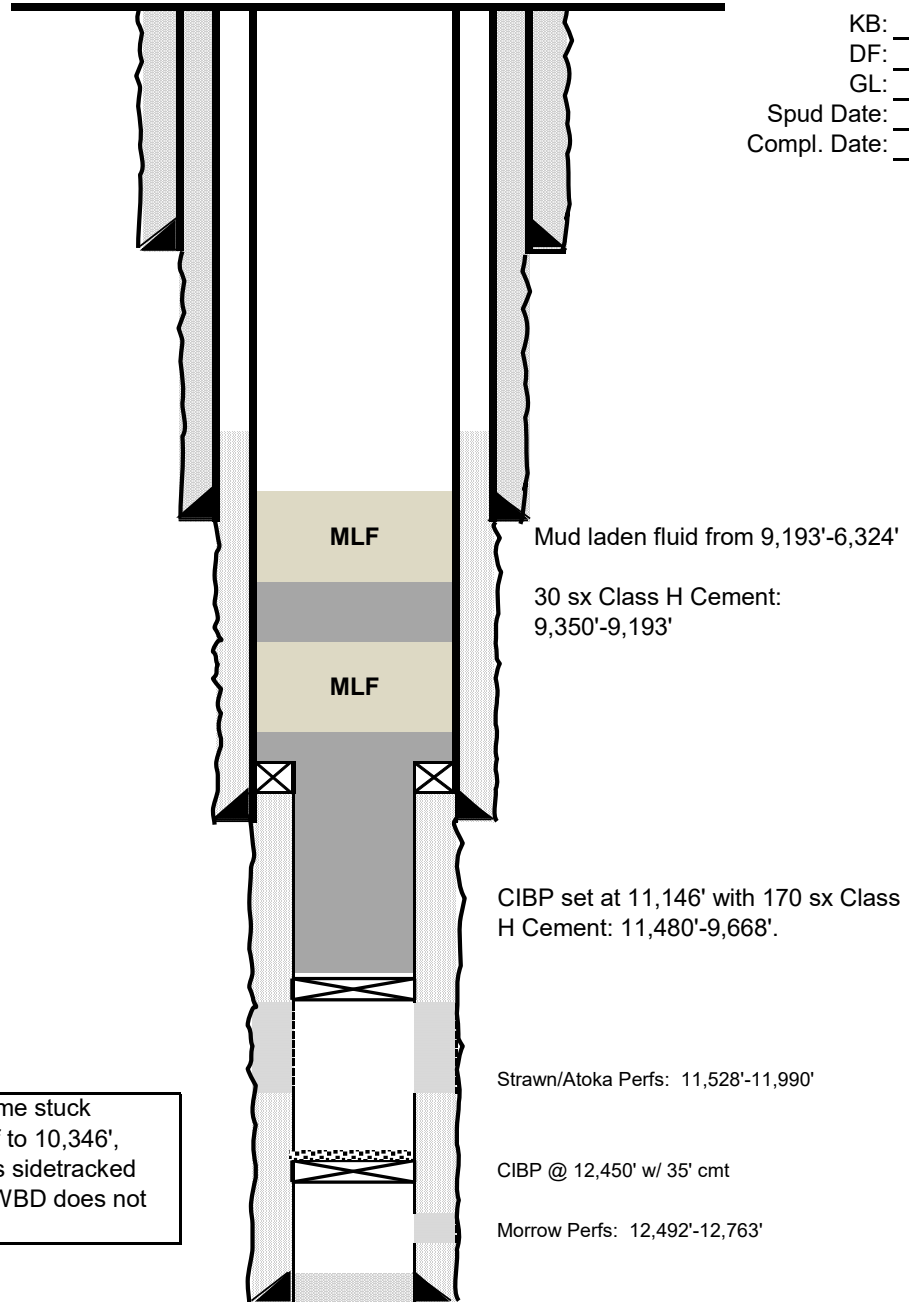
**Production Csg.**

Size: 7-5/8"  
 Wt.: 33.7 & 39#, S-95  
 Set @: 11,448'  
 Sxs Cmt: 2,450  
 TOC: 2535' - CBL  
 Hole Size: 9-1/2"

**Production Liner**

Size: 5"  
 Wt.: 17.93#, N-80  
 TOL: 9,825'  
 BOL: 13,026'  
 Cement: 450 sx

**Note:** When well was drilled the drill pipe became stuck after running 5" liner. Drill pipe was backed off to 10,346', a window was cut in 7-5/8" casing and well was sidetracked to TD and an additional 5" liner was ran. This WBD does not show the abandoned 5" liner.



PBTD: 12,450'  
 TD: 13,028'

**Lease:** Williams Gas Com  
**Surface Location:** 560' FNL & 1980' FWL  
**Bottomhole Location:** Same  
**County:** Eddy **St:** NM  
**Current Status:** Inactive Gas Well

**Well No.:** 1  
**Unit Ltr:** C  
**Unit Ltr:**  
**St Lease:** FEE  
**Elevation:** 2989' GL

**Field:** Culebra Bluff (South)  
**Sec:** 25 **TSHP/Range:** 23S/28E  
**Sec:** **TSHP/Range:**  
**API:** 30-015-22686 **Cost Center:**  
**CHEVNO:** EQ4264

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Size: 16"  
 Wt.: 65 & 84#, H-40  
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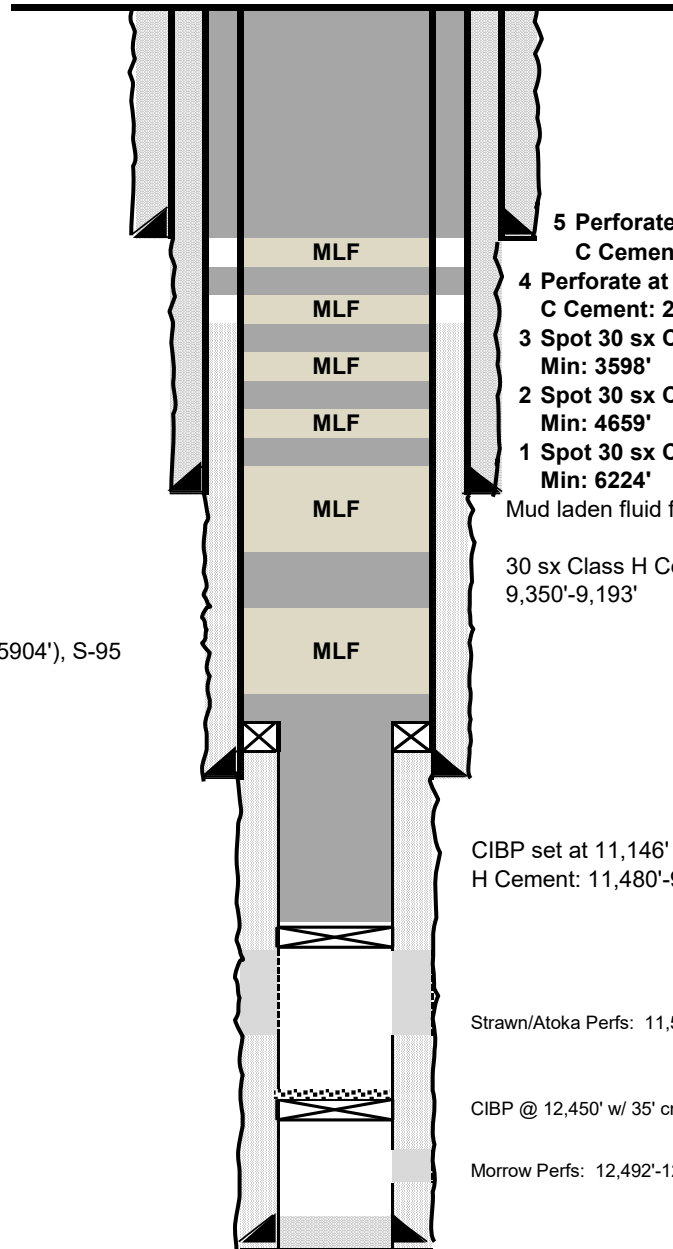
**Production Csg.**

Size: 7-5/8"  
 Wt.: 33.7 (5544') & 39# (5904'), S-95  
 Set @: 11,448'  
 Sxs Cmt: 2,450  
 TOC: 2535' - CBL  
 Hole Size: 9-1/2"

**Production Liner**

Size: 5"  
 Wt.: 17.93#, N-80  
 TOL: 9,825'  
 BOL: 13,026'  
 Cement: 450 sx

Formation Name	TD, ft
	Top
BELL CANYON	2,660
CHERRY CANYON	3,698
BRUSHY CANYON	4,759
BONE SPRINGS	6,324
3RD BONE SPRINGS	9,300
WOLFCAMP	9,945
PENN	11,120
STRAWN	11,310
ATOKA	11,526
MORROW LINE	12,208
MORROW CLASTICS	12,380



KB: 3,009'  
 DF:  
 GL: 2,989'  
 Spud Date: 9/10/1978  
 Compl. Date: 1/24/1979

5 Perforate at 445' and squeeze 165 sx Class C Cement: 445'-0'

4 Perforate at 2500' and squeeze 202 sx Class C Cement: 2500'-1950', Min: 2000'

3 Spot 30 sx Class C Cement: 3698'-3541' Min: 3598'

2 Spot 30 sx Class C Cement: 4759'-4602' Min: 4659'

1 Spot 30 sx Class C Cement: 6324'-6166' Min: 6224'

Mud laden fluid from 9,193'-6,324'

30 sx Class H Cement: 9,350'-9,193'

CIBP set at 11,146' with 170 sx Class H Cement: 11,480'-9,668'.

Strawn/Atoka Perfs: 11,528'-11,990'

CIBP @ 12,450' w/ 35' cmt

Morrow Perfs: 12,492'-12,763'

PBTD: 12,450'

TD: 13,028'

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**District IV**  
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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 26991

**CONDITIONS OF APPROVAL**

Operator:	CHEVRON U S A INC	6301 Deauville Blvd	Midland, TX79706	OGRID:	4323	Action Number:	26991	Action Type:	C-103F
OCD Reviewer	Condition								
gcordero	None								