

District I (575) 393-6161

Energy, Minerals and Natural Resources

Revised August 1, 2011

1625 N French Dr. Hobbs, NM 88240

NM OIL CONSERVATION

District II (575) 748-1283

ARTESIA DISTRICT OIL CONSERVATION DIVISION

811 S First St. Artesia, NM 88210

ARTESIA DISTRICT

District III (505) 334-6178

220 South St. Francis Dr.

1000 Rio Brazos Rd., Aztec, NM 87410

Santa Fe, NM 87505

District IV (505) 476-3460

1220 S St Francis Dr. Santa Fe, NM 87505

RECEIVED

<p><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.)</p>		<p>WELL API NO. 30-015-24708</p>
<p>1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/></p>		<p>5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/></p>
<p>2. Name of Operator Chevron U.S.A. INC</p>		<p>6. State Oil &amp; Gas Lease No.</p>
<p>3. Address of Operator 6301 DEAUVILLE BLVD, MIDLAND, TX 79706 RM.S4010</p>		<p>7. Lease Name or Unit Agreement Name CARRASCO 18</p>
<p>4. Well Location Unit Letter <u>d</u> : <u>990</u> feet from the <u>NORTH</u> line and <u>990</u> feet from the <u>WEST</u> line Section <u>18</u> Township <u>23S</u> Range <u>28E</u> NMPM County <u>EDDY</u></p>		<p>8. Well Number: <u>1</u></p>
<p>11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3942' GR</p>		<p>9. OGRID Number 4323</p>
<p>10. Pool name or Wildcat LOVING; DELAWARE, SOUTH</p>		

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

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK
- TEMPORARILY ABANDON
- PULL OR ALTER CASING
- DOWNHOLE COMMINGLE
- PLUG AND ABANDON
- CHANGE PLANS
- MULTIPLE COMPL

SUBSEQUENT REPORT OF:

- REMEDIAL WORK
- COMMENCE DRILLING OPNS
- CASING/CEMENT JOB
- ALTERING CASING
- P AND A

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.

1. Call and notify NMOCD 24 hrs. before operations begin.
2. MIRU. NDWH. NU BOPE.
3. RIH Opened Ended to CIBP @ 5,502', circulate well w/9.5 ppg mud
4. Perf and squeeze 75sx of Class "C" cement from 5,500'-5,300', WOC&Tag & Test.
5. Perf and squeeze 75sx of Class "C" cement from 2,435'-2,200', WOC&Tag. (13 3/8" Shoe)
6. ~~Perf and squeeze~~ 75sx of Class "C" cement from 1600'-1350', WOC & TAG (Salt)
7. Perf and squeeze 175sx of Class "C" cement from 490' to surface. (Shoe/FW/surface)
8. Verify cement to surface on all casings. Cut off wellhead and anchors 3' below grade. Weld on dry hole marker and clean location.

Closed loop above ground tank system will be used for fluids.

WELL MUST BE PLUGGED BY 6/26/2018

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

SIGNATURE

*[Signature]*

TITLE PRODUCTION ENGINEER

Type or print name RICKY SPILLER

E-mail address: RCSpiller@Chevron.com

PHONE: (432)-687-7479

For State Use Only

APPROVED BY:

*[Signature]*

TITLE COMPLIANCE OFFICER

DATE 6/26/2017

Conditions of Approval (if any):

SEE ATTACHED COA'S

Approved for plugging of well bore only.  
Liability under bond is retained pending receipt  
of C-103 (Subsequent Report of Well Plugging)  
which may be found at OGD Web Page under  
www.emnrd.state.nm.us/ocd

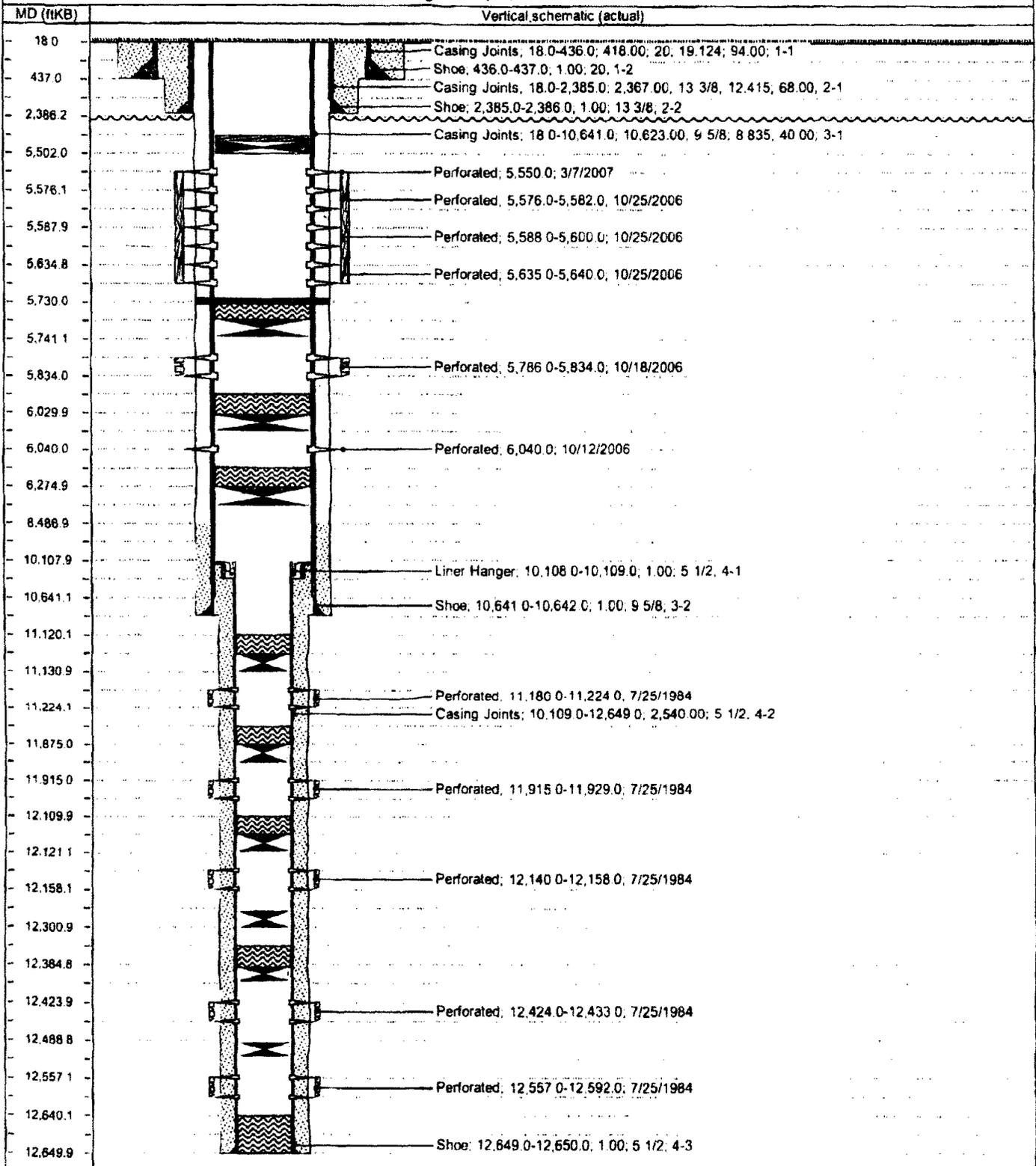
DATE 06 21 17

# Current Wellbore Schematic

**WELL (PN):** CARRASCO 18 1 (CVX) (891240)  
**FIELD OFFICE:** HOBBS  
**FIELD:** Loving North  
**STATE / COUNTY:** NEW MEXICO / EDDY  
**LOCATION:** SEC 18-23S-28E, 990 FNL & 990 FWL  
**ROUTE:** HOB-NM-ROUTE 22- DAVID CHAVARIA  
**ELEVATION:** GL: 3,059.0 KB: 3,077.0 KB Height: 18.0  
**DEPTHS:** TD: 12,650.0

**API #:** 3001524708  
**Serial #:** 301149  
**SPUD DATE:** 2/4/1984  
**RIG RELEASE:** 3/23/1984  
**1ST SALES GAS:** 9/1/1985  
**1ST SALES OIL:**  
**Current Status:** T/A

Original Hole, 5/21/2013 8:40:26 AM

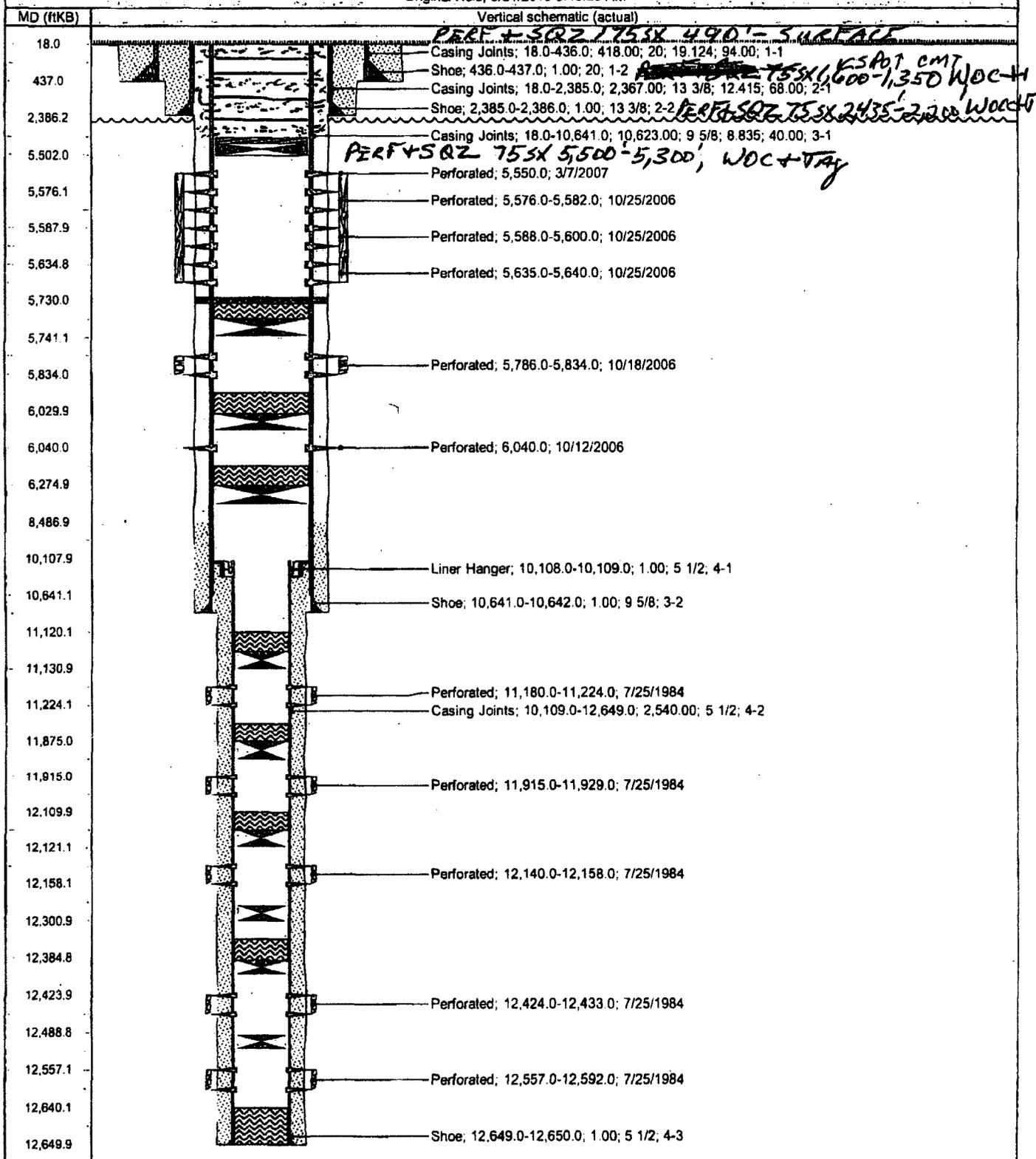


# P+A Wellbore S

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 FIELD: Loving North  
 STATE / COUNTY: NEW MEXICO / EDDY  
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 DEPTHS: TD: 12,650.0

Current Status: T/A

Original Hole, 5/21/2013 8:40:26 AM



**NM OIL CONSERVATION**

Submit To Appropriate District Office  
 State Lease - 6 copies  
 Fee Lease - 5 copies  
 District I  
 1625 N. French Dr., Hobbs, NM 88248  
 District II  
 1301 W. Grand Avenue, Artesia, NM 88201  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

ARTESIA DISTRICT  
 State of New Mexico  
 Energy, Minerals and Natural Resources

**Oil Conservation Division**  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

JUN 03 2007  
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Form C-105  
 Revised June 10, 2003

WELL API NO.  
 30-015-24708

5. Indicate Type of Lease  
 STATE  FEE

State Oil & Gas Lease No.

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well:  
 OIL WELL  GAS WELL  DRY  OTHER

b. Type of Completion:  
 NEW  WORK  DEEPEN  PLUG  DIFF.   
 WELL OVER BACK RESVR.  OTHER

7. Lease Name or Unit Agreement Name  
 Carrasco 18

8. Well No.  
 1

2. Name of Operator  
 Chesapeake Operating Inc.

3. Address of Operator  
 2010 Rankin Hwy Midland, TX 79701

9. Pool name or Wildcat  
 Loving; Delaware, South

4. Well Location  
 Unit Letter **D** **990** Feet From The **North** Line and **990** Feet From The **West** Line  
 Section **18** Township **23S** Range **28E** NMPM **Eddy** County

10. Date Spudded 01/31/1984	11. Date T.D. Reached	12. Date Compl. (Ready to Prod.) 03/07/2007	13. Elevations (DF& RKB, RT, GR, etc.) 3059 GR	14. Elev. Casinghead
15. Total Depth 12650	16. Plug Back T.D. 11840	17. If Multiple Compl. How Many Zones? No	18. Intervals Drilled By Rotary 0-12650	Rotary Tools Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 5576-5640 Brushy Canyon				20. Was Directional Survey Made NO
21. Type Electric and Other Logs Run No			22. Was Well Cored No	

23. **CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20	94	437	26	750 sx	
13 3/8	68	2386	17 1/2	2900 sx	
9 5/8	40	10642	12 1/4	900 sx	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
5 1/2	10108	12650	800 sx		2 7/8	5659	5659

26. Perforation record (interval, size, and number) Brushy Canyon 5576-5582, 5635-5640 4 spf, 44 holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	5576-5640	750 gals 15% HCL Frac on 2nd page

28. **PRODUCTION**

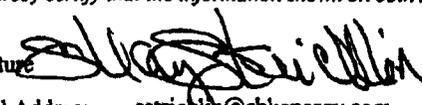
Date First Production 03/07/2007	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping 1 1/4"x10' GA, 2 1/2"x20' RHBC pump	Well Status (Prod. or Shut-in) Producing					
Date of Test 05/13/2007	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 2	Gas - MCF 10	Water - Bbl. 20	Gas - Oil Ratio 5000
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 2	Gas - MCF 10	Water - Bbl. 20	Oil Gravity - API - (Conn.) 42.0	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
 Sold

Test Witnessed By

30. List Attachments  
 C-102, C-104

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature  Printed Name Shay Stricklin Title Regulatory Tech. Date 06/06/2007

E-mail Address sstricklin@chkenergy.com

## 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. **Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.**
7. Produced water **will not** be used during any part of the plugging operation.
8. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
9. 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.
10. **Class 'C' cement will be used above 7500 feet.**
11. **Class 'H' cement will be used below 7500 feet.**
12. **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**
13. **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**
14. 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
15. **A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.**

16. 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)**.
17. No more than **3000'** is allowed between cement plugs in cased hole and **2000'** in open hole.
18. 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.**
19. 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)