

Submit 3 Copies To Appropriate District Office

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

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WELL API NO.	30-005-63882
5. Indicate Type of Lease	STATE FEE X
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Riva Ridge 1426-36
8. Well Number	1
9. OGRID Number	
10. Pool name or Wildcat	Wildcat: Wolfcamp
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	3463' GR

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.)

1. Type of Well: Oil Well ☐ Gas Well ☐ Other ☒ MAR 25 2008

2. Name of Operator  
Parallel Petroleum Corporation OGD-ARTESIA

3. Address of Operator  
1004 N Big Spring St., Suite 400, Midland, Texas, 79701

4. Well Location  
Unit Letter M : 760 feet from the south line and 225 feet from the west line  
Section 16 Township 14S Range 26E NMPM Chaves County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3463' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls: Construction Material \_\_\_\_\_

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 ☐

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Plug and Abandon well in accordance with 19.15.4.202.

Generalized plugging procedure

MIRU workover rig. POOH with rods and pump. NU BOPE & test. PU and RIH with 2 3/8" tubing T/5520'. Set 50 sx C+2% CaCl2 (14.8 ppg, 1.32 Yield) F/5520' T/5014'. Pull 20 joints tubing. WOC 4 Hrs. Tag plug.  
POOH T/4700'. Set 25 sx C+2% CaCl2 (14.8 ppg, 1.32 Yield) F/4700' T/4447'. Pull 20 joints tubing. WOC 4 Hrs. Tag plug #2.  
POOH T/3250'. Set 25 sx C+2% CaCl2 (14.8 ppg, 1.32 Yield) F/3250' T/2997'. Pull 20 joints tubing. WOC 4 Hrs. Tag plug #3. Pull to 1500'. Set 25sx C+2%CaCl2 (14.8 ppg, 1.32 Yield) F/1500' T/1247'. Pull 20 joints tubing. WOC 4 Hrs. Tag plug #4. POOH T/200'. Set 25 sx C+2% CaCl2 (14.8 ppg, 1.32 Yield) F/200' T/surface. Cut off well head and casing. Install dry hole marker.  
RDMO. Clean location.

See detailed procedure attached.

See Attached  
Stipulations

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Deane Durham TITLE Engineer DATE 3-27-08

Type or print name Deane Durham E-mail address: ddurham@plll.com Telephone No. (432) 684-3727  
For State Use Only

APPROVED BY: Gerry Guye TITLE Compliance Officer DATE MAR 28 2008  
Conditions of Approval (if any):

**Riva Ridge 1426-36 #1**

**Chaves, New Mexico  
API Number 30-005-63882**

**Plugging Procedure  
Revised 3/6/08**

**Objective:**

Plug and abandon wellbore.

**Well Location:**

760' FSL & 225' FWL, Section 16, T-14-S, R-26-E

**Well Data: See Well Bore Diagrams**

Conductor: 16" LS set at 120'

Surface Casing: 8 5/8", 24 #/ft set in 11" hole at 1398' and cemented to surface

Production Casing: 5 1/2", 17 #/ft set in 7 7/8" hole at 9086' and cemented to surface

**General Plugging Procedure:**

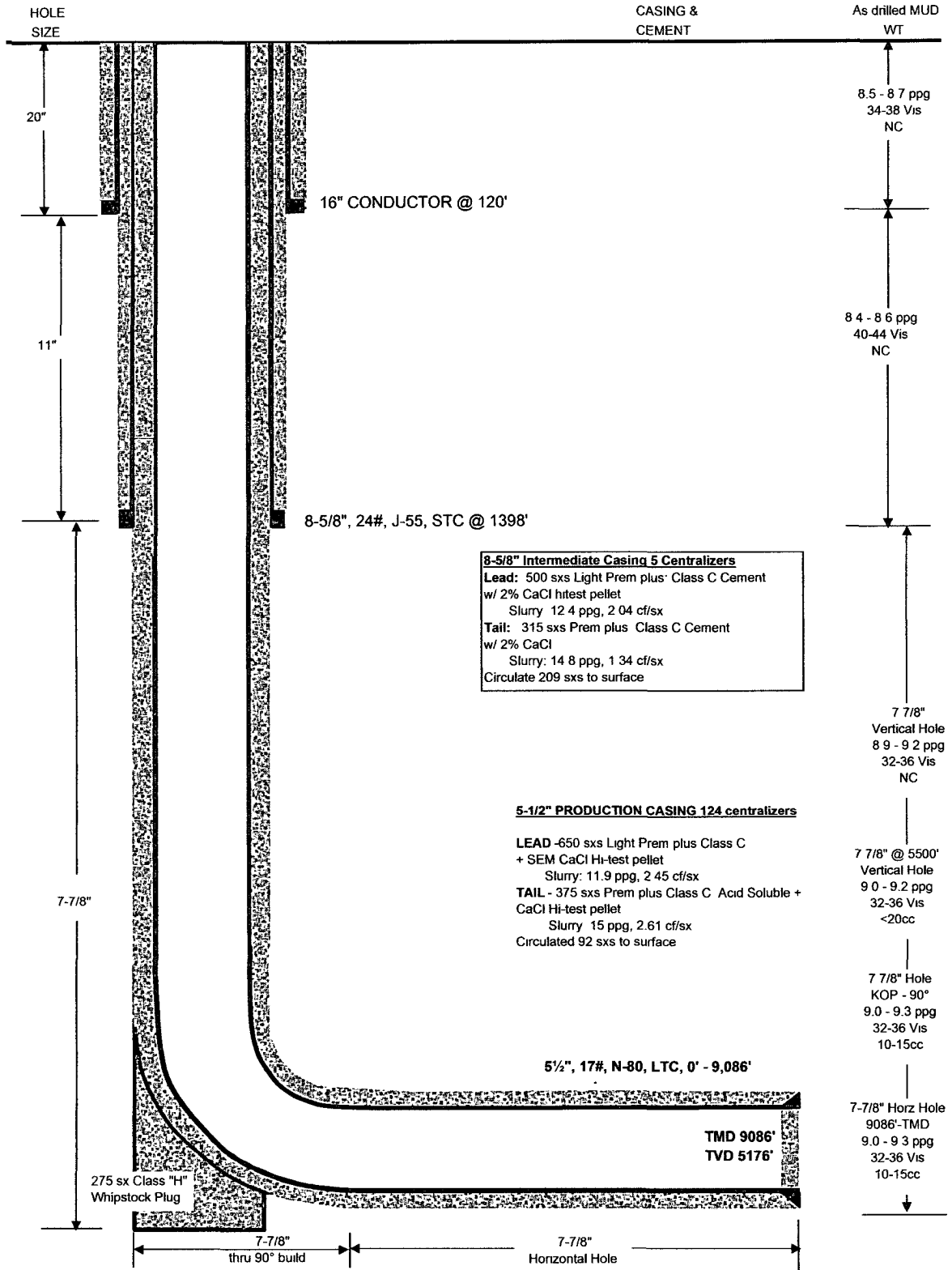
1. 8 5/8" X 11" - 3M casing head with 5 1/2" slips.
2. Prepare surface location, MI steel circulation pits, frac tank, pipe racks and casing racks.
3. Pull rods and pump.
4. NU and test BOPE with 2 3/8" rams to 2000 psi.
5. PU and TIH with 2 3/8" work string to bottom curve approximately 5520'.
6. Spot 50 sacks Class C cement.
7. Pull minimum of 10 stands (20 joints) and wait on cement 4 hours.
8. TIH and tag TOC plug.
9. RIH with 2 3/8" work string to top of curve approximately 4700'.
10. Spot 25 sacks Class C cement.
11. Pull minimum of 10 stands (20 joints) and wait on cement 4 hours.
12. Spot additional plugs as follows:

<u>Plug</u>	<u>Sacks</u>	<u>Top</u>	<u>Bottom</u>
#5	25	Surf	200'
#4	25	1247'	1500'
#3	25	2987'	3250'

13. Cut off casing minimum 3' BGL. Install dry hole marker.
14. Clean location of all equipment and tools.
15. Dry and backfill any temporary fresh water dirt pits and make location ready for environmental sight assessment.

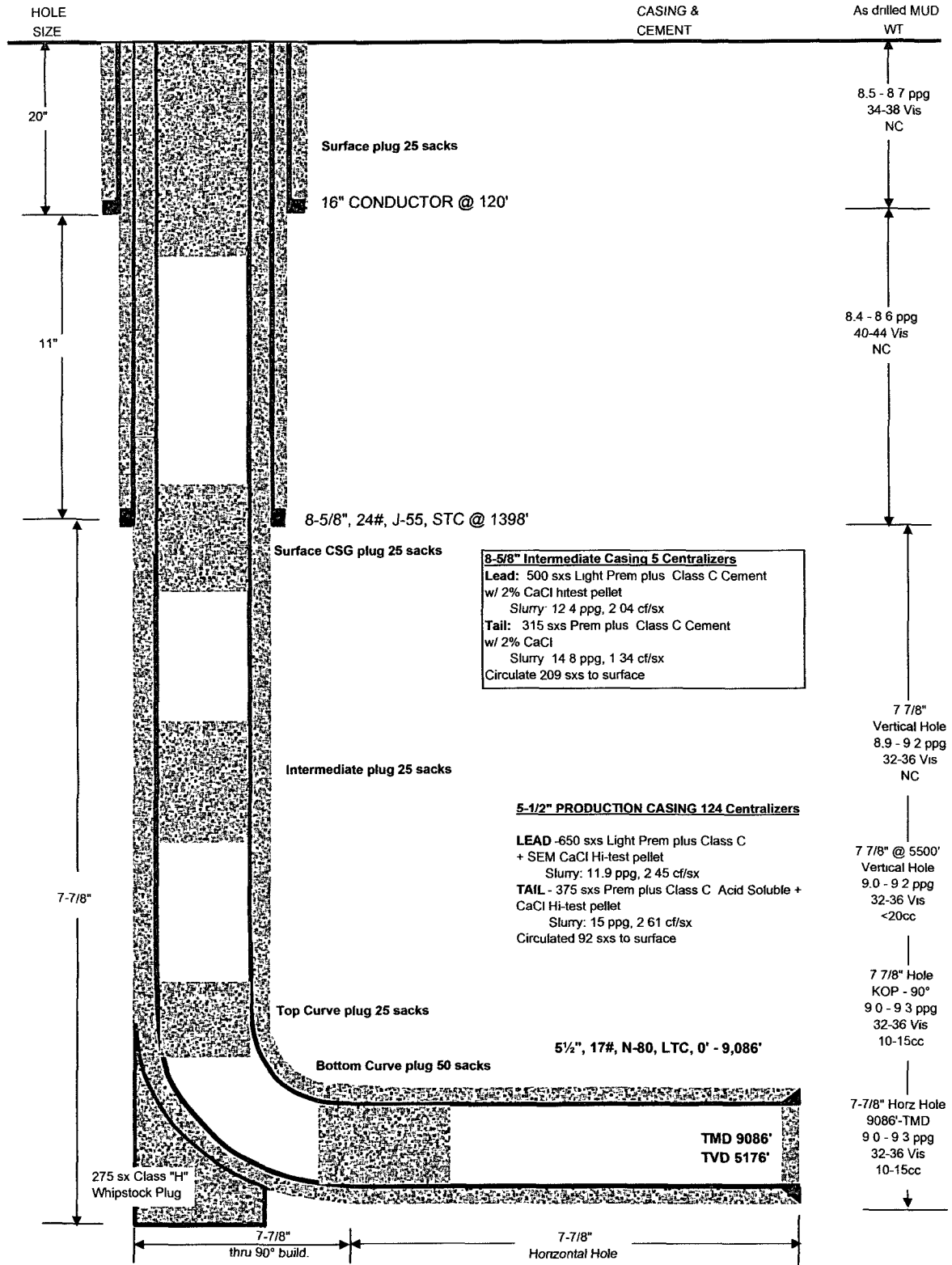
**WELLBORE DRAWING**  
**PARALLEL PETROLEUM CORPORATION**

<b>WELL:</b>	Riva Ridge 1426-36 #1	<b>BOP:</b>	2000#
<b>FIELD:</b>	WILDCAT WOLFCAMP HORIZONTAL		
<b>CATEGORY:</b>	EXPLORATORY - Gas		
<b>SHL:</b>	760' FSL & 225' FWL	<b>SEC</b>	16-T14S-R26E
<b>BHL:</b>	798' FSL & 893' FEL		
<b>COUNTY:</b>	CHAVES	<b>STATE:</b>	NEW MEXICO
<b>ELEVATION:</b>	3463' GL	<b>API NO.:</b>	30-005-63882



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## **Guidelines for Plugging**

- All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement whichever is greater.
- Mud laden fluids must be placed between all cement plugs.
- Mud laden fluids must be mixed at 25 sacks of gel per 100 bbs of water.
- A cement plug is required to be set 50' below and 50' above all casing shoes and casing stub plugs. These plugs must be tagged.
- A CIBP with 35' of cement on top may be set in lieu of 100' cement plug.
- A plug as indicated above must be placed within 100' of top perforation. This plug must be tagged.
- Plugs set below and above salt zones must be tagged.
- No more than 2000' is to be allowed between cement plugs in open hole and no more than 3000' in cased hole.
- D.V. tools are required to have a 100' cement plug set 50' above and below the tool.
- Formations to be isolated with plugs placed at the top of each formation are:
  - Fusselman
  - Devonian
  - Morrow
  - Wolfcamp
  - Bone Springs
  - Delaware
  - Any Salt Section (Plug at top and bottom)
  - Abo
  - Glorieta
  - Yates (This plug is usually at base of salt section)
- If cement does not exist behind casing strings at recommended formation depths, the casing must be cut and pulled with plugs set at these depths or casing must be perforated and squeezed behind casing at the formation depths.
- 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 common to the section penetrated and in suitable proportions, but not more than a 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.