

Submit 3 Copies To Appropriate District Office  
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

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

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

<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. 30-025-29481
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator APACHE CORPORATION		6. State Oil & Gas Lease No.
3. Address of Operator 6120 S. YALE, SUITE 1500 TULSA, OK 74136		7. Lease Name or Unit Agreement Name HOMESTAKE ROYALTY 10 LEASE
4. Well Location Unit Letter J : 1700 feet from the SOUTH line and 2300 feet from the EAST line Section 10 Township 16S Range 37E NMPM County LEA		8. Well Number #1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3798' GR		9. OGRID Number 873
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		10. Pool name or Wildcat LOVINGTON PENN NE (40760)
Pit type STEEL Depth to Groundwater 65' Distance from nearest fresh water well >1000' Distance from nearest surface water >1000'		
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: ☐

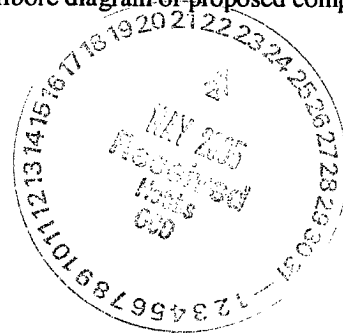
SUBSEQUENT REPORT OF:

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.

SEE ATTACHED PROCEDURE.



**THE OIL CONSERVATION DIVISION MUST  
BE NOTIFIED 24 HOURS PRIOR TO THE  
BEGINNING OF PLUGGING OPERATIONS.**

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 NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Veronica S. Carr

TITLE PROD. ENG. TECH.

DATE 05/23/2005

Type or print name VERONICA S. CARR  
For State Use Only

E-mail address: veronica.carr@apachecorp.com Telephone No. (918)491-4879

APPROVED BY: Harry W. Wink  
Conditions of Approval (if any):

OG FIELD REPRESENTATIVE II/STAFF MANAGER  
DATE MAY 24 2005

APACHE CORPORATION Casing Repair Procedure	Homestake Royalty 10 #1 AFE No.: T05-3328	Revised March 16, 2005 Mark S. Garrett
---	--	---

### **Purpose**

Plug and abandon well

### **Current Well Information**

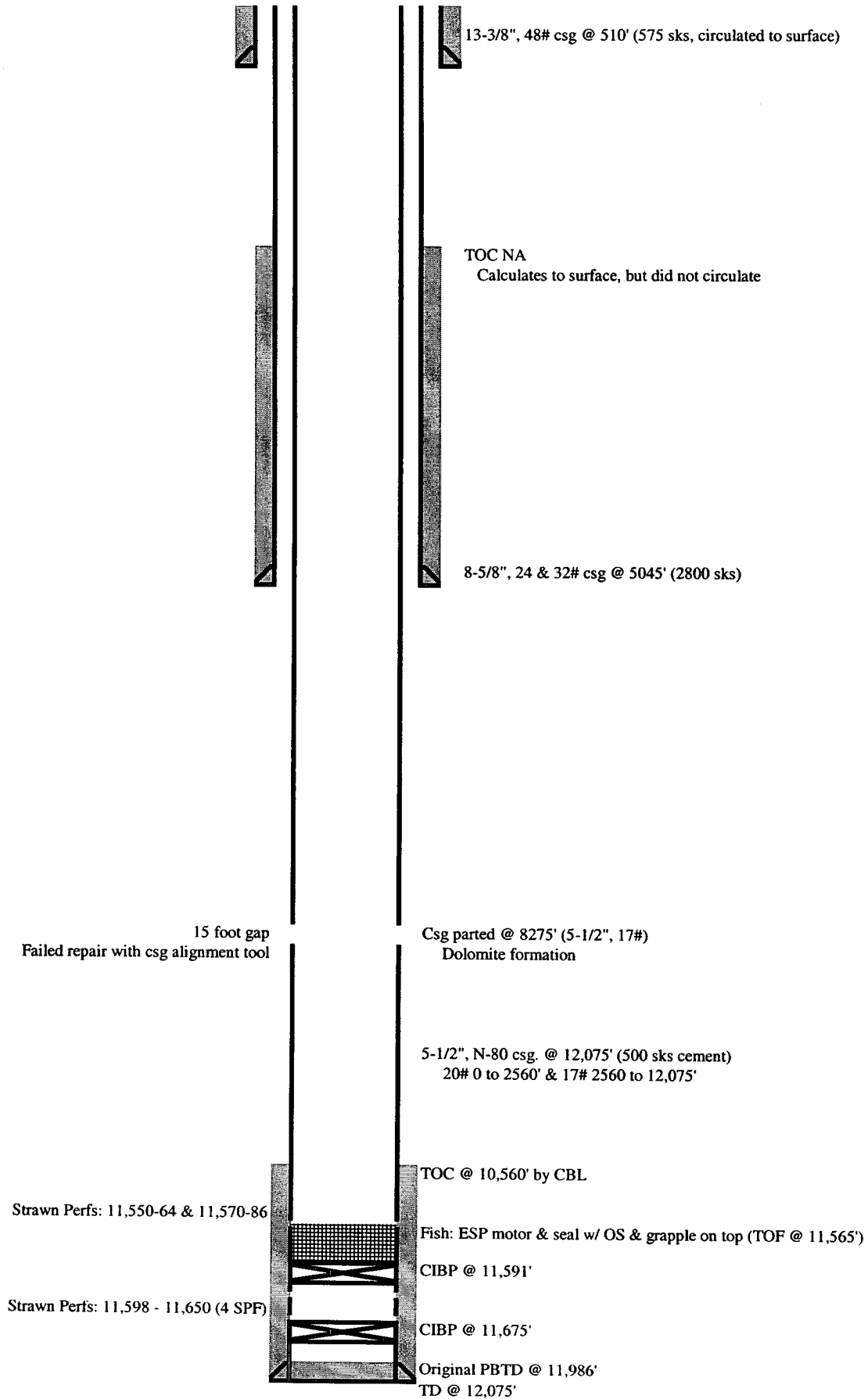
**Field Name:** Lovington  
**API Number:** 30 025 29481  
**Ground Elevation:** 3795'  
**KB Elevation:** 3812'  
**Casing Set** 13-3/8" set at 510'  
8-5/8" set at 5045'  
5-1/2" set at 12075'  
**TD:** 12075'  
**PBTD:** 11986'  
**Open Perforations:** 11,550 – 11,586' Strawn  
**Squeezed Perforations:** 11,598 – 11,650' Strawn  
**Fish** ESP equipment w/ grapple on top @ 11,565'

### **Procedure**

1. MIRU and pick up work-string (~ 8275').
2. TIH with cement retainer and set at 8250'.
  - a. Squeeze 50 sacks of cement into parted casing
  - b. Dump 25 sacks of cement onto top of retainer
  - c. WOC and then Tag and record cement top
3. Circulate hole with plugging mud (9.5# brine with 12.5 pounds gel per bbl of mud).
4. TOH with tubing. Remove 5-1/2" casing from slips.
  - a. Free point casing and determine depth of recoverable pipe
  - b. Cut casing and TOH laying down 5-1/2" casing
5. RIH with tubing open ended. Spot cement plug at 6400' (greater of 25 sx or 100 feet)
6. Spot stub plug at casing cut-off (greater of 25 sx or 100 feet). WOC, tag and record cement top
7. Spot cement plug at casing shoe at 5045' (greater of 25 sx or 100 feet)
8. Spot cement plug at the base of the salt at 3300' (greater of 25 sx or 100 feet)
9. Spot cement plug at the top of the salt at 2100' (greater of 25 sx or 100 feet)
10. Perforate 8-5/8" casing at 13-3/8" shoe (510') and squeeze cement (leave 50' in annulus and 50' inside the 8-5/8" casing)
11. Spot surface cement plug (60 feet to surface). Cut off well head and weld on surface plate. Clean location and RDMO.

Homestake Royalty 10 #1  
Schematic 4-12-05 *Current*

5/19/2005



Homestake Royalty 10 #1  
Schematic-Purposed

5/19/2005

