Form 3160-5 (August 2007)

(Instructions on page 2)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

abandoned well. Use Form 3160-3 (APD) for such proposals.

OMB No. 1004-0137 Expires: July 31, 2010

FORM APPROVED

#### 5. Lease Serial No. NMNM 108958

6. If Indian, Allottee or Tribe Name

SUNDRY	NOTICES AND REPORTS ON WELLS	
not use this	form for proposals to drill or to re-enter an	

7. If Unit of CA/Agreement, Name and/or No. SUBMIT IN TRIPLICATE - Other instructions on page 2. l Type of Well 8. Well Name and No. Oil Well Gas Well Other RHINE 13 FEDERAL #1 2. Name of Operator API Well No. 30-015-34184 LEGACY RESERVES OPERATING LP 3a Address 3b. Phone No. (include area code) 10. Field and Pool or Exploratory Area P.O BOX 10848 COLLINS RANCH; WOLFCAMP, NE (GAS) MIDLAND, TX 79702 (432) 689-5200 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. Country or Parish, State EDDY, NM 1680' FSL & 150' FEL, UNIT LETTER I, SEC 13, T17S, R24E 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Acidize Deepen Production (Start/Resume) Water Shut-Off Notice of Intent Well Integrity Alter Casing Fracture Treat Reclamation Casıng Repair New Construction Recomplete Subsequent Report ✓ Plug and Abandon \_\_\_ Change Plans Temporarily Abandon Plug Back Convert to Injection Final Abandonment Notice Water Disposal 13 Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.) --- SEE ATTACHED ----Accepted for record NMOCD DEC 08 2011 NMOCD ARTESIA 14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) D. PATRICK DARDEN, P.E. Title SENIOR ENGINEER Date 12/06/2011 Signature THIS SPACE FOR FEDERAL OR STATE OFFICE USE Approved by Conditions of approval, if any, are attached Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would Office entitle the applicant to conduct operations thereon. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



## Rhine 13 Federal #1 – P&A Procedure

Est'd start date: 12/26/11

## Well Info:

Spudded 7/21/2005

TD 5,400', 9-5/8", 32# csg set at 911' (cmt'd w/450sx TOC – surf, circ'd) 7", 26# csg set at 5,399' (cmt'd w/900sx TOC – surf, circ'd). Perfs: 5,010'-5,022'.

- 1. MIRU plugging company. NU BOP.
- 2. Plug 1 (7" csg): Set CIBP @ 4,970' w/50' cmt plug (class C) on top.
- 3. Circ hole w/plugging mud.
- 4. Plug 2 (7" csg): Set 50' cmt plug (class C) fr/3,225'-3,275'. Tag.
- 5. Plug 3 (7" csg): Set CIBP @ 1,820' w/50' cmt plug (class C) on top.
- 6. Plug 4 (7" csg): Set 60' cmt plug (class C) fr/880'-940'. Tag.
- 7. Plug 5 (7" csg): Set 60' cmt plug (class C) fr/surf to 60'.
- 8. Cut off well head. Weld on dry hole marker. Clean location.
- -Notify appropriate agency 48 hrs. prior to commencing operation. (BLM-Carlsbad (575- 234-5972) or NMOCD-Hobbs (505-393-6161)

D. Patrick Darden, PE #75593

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## Rhine 13 Fed #1

### **Current Wellbore Condition**

Location: 1680' FSL & 150' FEL SEC 13, T17S, R24E

FIELD:

Collins Ranch, Northeast (Wolfcamp)

GL: 3666'

DATE:

11/29/2011

COUNTY:

Eddy

KB:

3684'

BY:

D P Darden

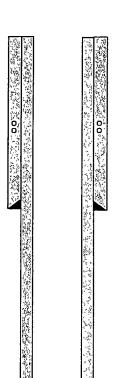
STATE:

NEW MEXICO

SPUD DATE:

7/21/05

API No: 30-015-34184



DVT @ 461'

9-5/8" 32# csg @ 911' w/450sx cmt, circ'd. DVT @ 461'.

PBTD @ 5,136'

Perfs: 5,010'-5,022'

7" 26# N-80 csg @ 5,399' w/900 sx. TOC @ surf, circ'd.

TD @ 5,400'



# Rhine 13 Fed #1

#### Wellbore Condition after P&A

Location: 1680' FSL & 150' FEL SEC 13, T17S, R24E

FIELD:

Collins Ranch, Northeast (Wolfcamp)

GL:

DATE:

11/29/2011

COUNTY:

Eddy

KB:

3666' 3684'

BY: D P Darden

STATE:

**NEW MEXICO** 

SPUD DATE:

7/21/05

API No: 30-015-34184

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Plug 5: 60' cmt fr/Surf to 60'

DVT @ 461'

9-5/8" 32# csg @ 911' w/450sx cmt, circ'd. DVT @ 461'.

Plug 4: Spot 60' cmt fr/880'-940'

Plug 3: 50' cmt on top of CIBP @ 1,820' (TOC @ 1,770').

Perfs: 1,856'-1,943' (Proposed)

Plug 2: Spot 50' cmt fr/3,225'-3,275'

Plug 1: 50' cmt on top of CIBP @ 4970' (TOC @ 4920').

Perfs: 5,010'-5,022'

PBTD @ 5,136'

7" 26# N-80 csg @ 5,399' w/900 sx. TOC @ surf, circ'd.

TD @ 5,400'