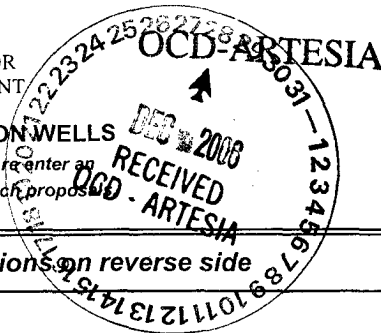


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.



**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Yates Petroleum Corporation

3a. Address

105 S. 4th Str., Artesia, NM 88210

3b. Phone No. (include area code)

505-748-1471

4. Location of Well (Footage, Sec., T., R., M., OR Survey Description)

1980'FSL & 660'FEL of Section 23-T19S-R24E (Unit I, NESE)

5. Lease Serial No.

NM-26864

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

NM 72009

8. Well Name and No.

Roden GD Federal #1

9. API Well No.

30-015-20370

10. Field and Pool, or Exploratory Area

Hoag Tank-Morrow Strawn

11. County or Parish, State

Eddy County, New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recompleate 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Yates Petroleum Corporation plans to plug and abandon this well as follows:

1. Rig up safety trailer as necessary.
2. Perforate squeeze holes in the casing at 2050'.
3. Spot 100' cement plug (25 sx) from 1950'-2050' in and out of casing. Tag plug.
4. Spot 100' cement plug (25 sx) from 1710'-1810'.
5. Spot 100' cement plug (25 sx) from 799'-899'.
6. Spot 100' cement plug (25 sx) from 270'-370'.
7. Spot 100' cement plug (25 sx) from 100' to surface. Tag plug.
8. Install dry hole marker and clean up location as per regulated.

**Accepted for record  
NMOCD**

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

**NOTE: Yates Petroleum Corporation will use steel pits and no earth pits**

14. I hereby certify that the foregoing is true and correct		<div style="border: 2px solid black; padding: 5px; text-align: center;"> <b>APPROVED</b>                   Date <b>DEC 27 2006</b>     <b>WESLEY K. INGRAM</b>  <b>PETROLEUM ENGINEER</b> </div>
Name (Printed/Typed) Tina Huerta	Title Regulatory Compliance Supervisor	
Signature 	Date December 20, 2006	
THIS SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by _____	Title _____	
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 entitle the applicant to conduct operations thereon.	Office _____	
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		

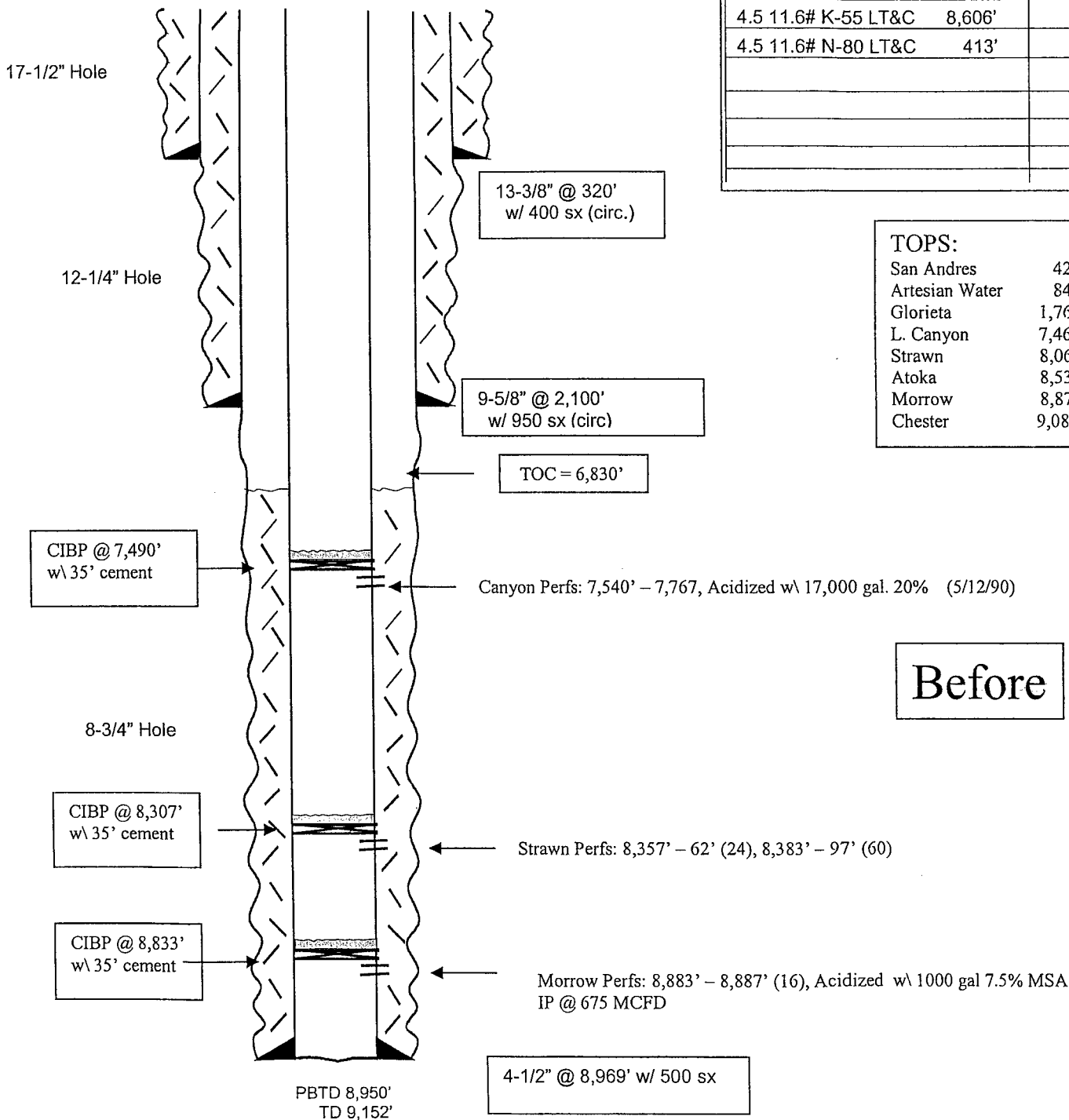
WELL NAME: Roden Federal GD No. 1 FIELD: Dagger Draw  
 LOCATION: 1,980' FSL & 660' FEL Sec 23-19S-24E Eddy County NM  
 GL: 3,632' ZERO:            KB:             
 SPUD DATE: 1/21/71 COMPLETION DATE: 7/2/76  
 COMMENTS: TA'd 6/4/02

# CASING PROGRAM

13-3/8" 48# H40 ST&C	320'
9-5/8" 32.75# ST&C	2,100'
4.5 11.6# K-55 LT&C	8,606'
4.5 11.6# N-80 LT&C	413'
	8,969'

# TOPS:

San Andres	420'
Artesian Water	849'
Glorieta	1,760'
L. Canyon	7,462'
Strawn	8,069'
Atoka	8,535'
Morrow	8,872'
Chester	9,083'



Before

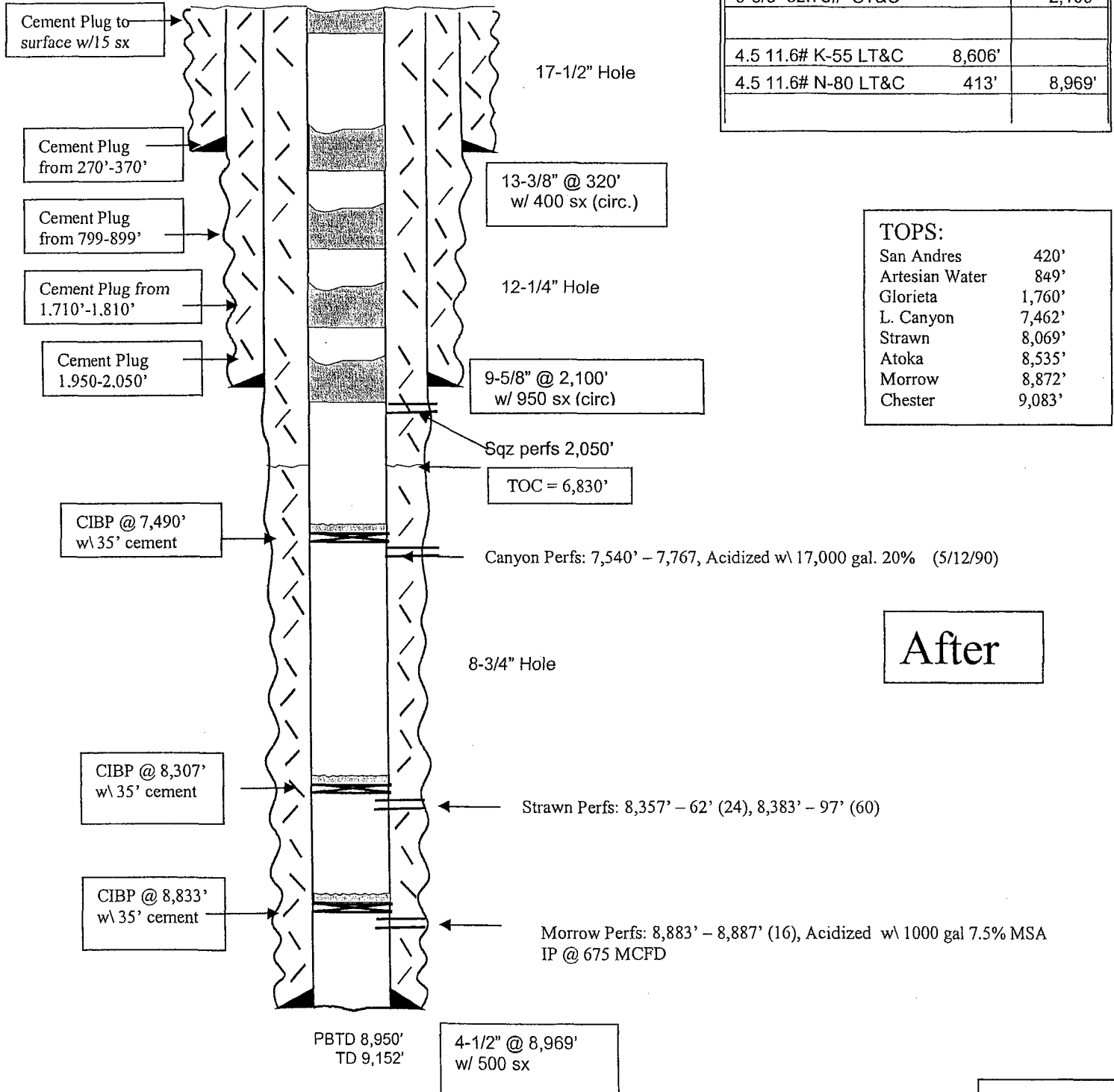
Not to Scale

7/27/06  
DC/Shannon

**WELL NAME:** Roden Federal GD No. 1 **FIELD:** Dagger Draw  
**LOCATION:** 1,980' FSL & 660' FEL Sec 23-19S-24E Eddy County NM  
**GL:** 3,632' **ZERO:** **KB:**  
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**Roden GD Federal #1  
Yates Petroleum Corporation  
Plug and Abandon Procedure  
December 27, 2006  
Conditions of Approval**

**Note: Aplomado Falcon Grasslands in this area. Surface disturbance not to exceed existing location without notifying the BLM Carlsbad Field Office.**

**Step 1 Ok**

**Step 1a Plug required top of Wolfcamp (5375'). Perforate casing at 5425' and squeeze leaving 100' plug inside and outside casing. Plug to be a minimum of 100' with 10% slurry for each 1000' of depth. Minimum requirement by NMOCD is 25 sacks.**

**Step 1b Plug required top of Abo (3980'). Perforate casing at 4030' and squeeze leaving 100' plug inside and outside casing. Plug to be a minimum of 100' with 10% slurry for each 1000' of depth. Minimum requirement by NMOCD is 25 sacks.**

**Step 2 Perforate casing at 2150'.**

**Step 3 Plug to extend from 2050 – 2150', if cement does not circulate to surface on annulus, the following steps will also require perforating and squeezing.**

**Step 4 Ok, unless cement did not circulate to surface on Step 3. If cement did not circulate, perforate casing at 1810' and squeeze.**

**Step 5 Ok, unless cement did not circulate to surface on Step 3. If cement did not circulate, perforate casing at 899' and squeeze.**

**Step 6 Ok, unless cement did not circulate to surface on Step 3. If cement did not circulate, perforate casing at 370' and squeeze. Tag plug.**

**Step 7 Ok, unless cement did not circulate to surface on Step 3. If cement did not circulate, perforate casing at 100' and squeeze. This plug does not have to be tagged.**

**Step 8 Ok.**

**BUREAU OF LAND MANAGEMENT  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
505-234-5972**

**Permanent Abandonment of Federal Wells  
Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon.

**If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.**

2. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 505-627-0272; Eddy County, call 505-234-5972; Lea County, call 505-393-3612.

3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in a cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 50 feet of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either class "C", for up to 7,500 feet of depth, mixed at 14.8 lbs/gal with 6.3 gallons of fresh water per sack or class "H", for deeper than 7,500 feet plugs, mixed at 16.4 lbs/gal with 4.3 gallons of fresh water per sack.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.