

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED  
OMB No 1004-0137  
Expires July 31, 2010

## SUNDRY NOTICES AND REPORTS ON WELLS

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

5 Lease Serial No  
NMLC028978B  
6 If Indian, Allottee or Tribe Name

## SUBMIT IN TRIPLICATE - Other instructions on page 2.

7 If Unit or C/A Agreement, Name and/or No

## 1. Type of Well



Oil Well



Gas Well



Other

MAR 03 2008

## 2 Name of Operator

Yates Petroleum Corporation

OCD-ARTESIA

8 Well Name and No

Benson Deep AAS Federal #1

## 3a Address

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

## 3b Phone No (include area code)

575-748-1471

9 API Well No

30-015-23371

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

2030'FNL &amp; 660'FWL of Section 34-T18S-R30E (Unit E, SWNW)

10 Field and Pool or Exploratory Area

Leo; Bone Spring, South

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 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.

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

1. Rig up all safety equipment as needed. Set a CIBP at 5700' with 35' cement on top.
2. Perforate 4 squeeze holes at 4550'. Pump a 50 sx cement plug and displace cement to 4400'. This will leave a 150' plug inside and outside casing from 4400'-4550' across the Delaware top. WOC and tag, reset if necessary.
3. Perforate 4 squeeze holes at 3850'. Pump a 50 sx cement plug and displace cement to 3700'. This will leave a 150' plug inside and outside casing from 3700'-3850' across the Intermediate casing shoe. WOC and tag, reset if necessary.
4. Perforate 4 squeeze holes at 1750'. Pump a 150 sx cement plug and displace cement to 1500'. This will leave a 250' plug inside and outside casing from 1500'-1750' across the base of the salt section. WOC and tag, reset if necessary.
5. Perforate 4 squeeze holes at 570'. Pump a 60 sx cement plug and displace the cement to 450'. This will leave a 120' plug inside and outside casing from 450'-570' across the top of the salt section and across the surface casing shoe. WOC and tag, reset if necessary.
6. Perforate 4 squeeze holes at 150'. Pump a 75 sx cement plug and do not displace the cement. This will leave a 150' plug inside and outside casing from 150' to surface. WOC and tag, reset if necessary.
7. Remove all surface equipment and weld dry hole marker as per regulations.

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

## 14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Tina Huerta

Title Regulatory Compliance Supervisor

Signature

Date

February 20, 2008

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 entitle the applicant to conduct operations thereon.

Title

Office

APPROVED

FEB 27 2008

Date

JAMES A. AMOS  
SUPERVISOR-EPS

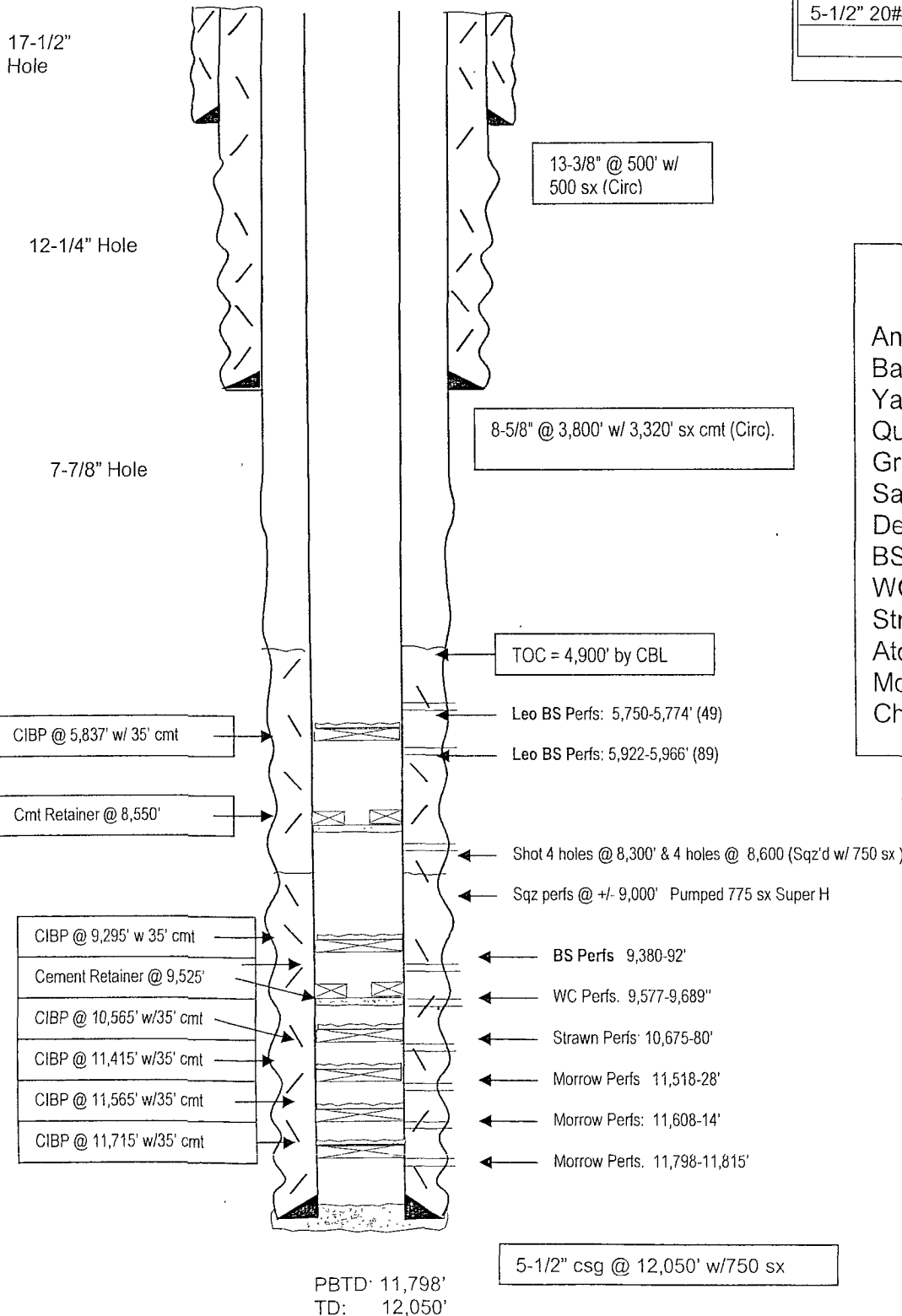
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

WELL NAME: Benson Deep AAS #1 FIELD: \_\_\_\_\_  
 LOCATION: 2030' FNL & 660' FWL of Section 34-18S-30E Eddy Co., NM  
 GL: 3,458' ZERO: \_\_\_\_\_ KB: 3,472'  
 SPUD DATE: 4/3/82 COMPLETION DATE: 6/16/82  
 COMMENTS: API No.: 30-015-

# CASING PROGRAM

13-3/8" 48#	500'
8-5/8" 32#	3,800'
5-1/2" 20#/17#	12,050'



## Before

### TOPS

Anhydrite	328'
Base of Salt	1,550'
Yates	1,750'
Queen	2,080'
Grayburg	3,148'
San Andres	3,487'
Delaware Sd	4,550'
BS	5,604'
WC	9,553'
Strawn	10,606'
Atoka	10,942'
Morrow	11,489'
Chester	11,949'

Not to Scale  
 2/11/08  
 DC/Hill

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17-1/2"  
Hole

12-1/4" Hole

7-7/8" Hole

Cmt Plug 0-150'  
Perf 4 saz holes @ 150'Cmt Plug 450-570'  
Perf 4 saz holes @ 570'13-3/8" @ 500' w/  
500 sx (Circ)Cmt Plug 1,500-1,750' across salt  
section. Perf 4 saz holes @ 1,750Cmt Plug 3,700-3,850' across Int csg shoe  
Perf saz holes @ 3,850'

8-5/8" @ 3,800' w/ 3,320' sx cmt (Circ).

Cmt Plug 4,400-4,550' across DW top  
Perf Saz holes @ 4,550

TOC = 4,900' by CBL

Leo BS Perfs. 5,750-5,774' (49)

Leo BS Perfs 5,922-5,966' (89)

CIBP @ 5,700' w/ 35' cmt

CIBP @ 5,837' w/ 35' cmt

Cmt Retainer @ 8,550'

CIBP @ 9,295' w 35' cmt

Cement Retainer @ 9,525'

CIBP @ 10,565' w/35' cmt

CIBP @ 11,415' w/35' cmt

CIBP @ 11,565' w/35' cmt

CIBP @ 11,715' w/35' cmt

Shot 4 holes @ 8,300' &amp; 4 holes @ 8,600' (Sqz'd w/ 750 sx)

Sqz perfs @ +/- 9,000'. Pumped 775 sx Super H

BS Perfs 9,380-92'

WC Perfs. 9,577-9,689"

Strawn Perfs 10,675-80'

Morrow Perfs. 11,518-28'

Morrow Perfs: 11,608-14'

Morrow Perfs: 11,798-11,815

5-1/2" csg @ 12,050' w/750 sx

PBSD. 11,798'  
TD: 12,050'**After****TOPS**

Anhydrite	328'
Base of Salt	1,550'
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2/11/08

DC/Hill

**BUREAU OF LAND MANAGEMENT**  
**Carlsbad Field Office**  
**620 East Greene Street**  
**Carlsbad, New Mexico 88220**  
**575-234-5972**

**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 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

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 25 sacks 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 Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

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.