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NMOCD ARTESIA

N.M. Oil & Gas Div-Dist. 2

1001 W. Grand Avenue

Artesia, NM 88210

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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 NM-37604
6 If Indian, Allottee or Tribe Name NA

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1 Type of Well [X] Oil Well [ ] Gas Well [ ] Other

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

2 Name of Operator Abo Petroleum Corporation

8 Well Name and No Boomer Federal #1

3a Address P. O. Box 900, Artesia, NM 88210
3b Phone No (include area code) 575-748-1471

9 API Well No 30-005-62793

4 Location of Well (Footage, Sec., T., R., M., OR Survey Description) 1650'FSL & 330'FWL of Section 10-T15S-R29E (Unit L, NWSW)

10 Field and Pool or Exploratory Area Wildcat; Yates

11 County or Parish, State Chaves County, New Mexico

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

Table with columns TYPE OF SUBMISSION and TYPE OF ACTION. Includes checkboxes for Notice of Intent, Subsequent Report, Final Abandonment Notice, Acidize, Deepen, Production (Start/Resume), Water Shut-Off, etc.

13 Describe Proposed or Completed Operation. Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof...

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

- 1 MIRU WSU. Rig up all safety equipment as needed. No casing recovery will be attempted. POOH with tubing
2. Spot a 35 sx Class "C" cement plug from 981'-1481'. WOC and tag plug. If the TOC is below 1078', reset the plug
3. Perforate 4 squeeze holes at 630'. Tie on the 4-1/2" casing and establish circulation with plugging mud. After circulation has been established, pump a 40 sx Class "C" plug and displace it to 530'. WOC and tag plug. This will leave a plug inside and outside casing across the base of salt
4. Perforate 4 squeeze holes at 316'. Tie on the 4-1/2" casing and establish circulation. After circulation has been established, pump an 85 sx Class "C" cement plug and do not displace it WOC and tag plug. This will leave a plug inside and outside casing across surface casing shoe, across top of salt and act as a surface plug.
5. Remove all surface equipment and weld dry hole marker as per regulations

NOTE: 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 [Signature]
Date July 22, 2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by /S/ DAVID R. GLASS
Title PETROLEUM ENGINEER
Date AUG 18 2010
Office ROSWELL FIELD 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

CONDITIONS OF APPROVAL ENDING NOV 18 2010

WELL NAME: Boomer Federal #1 FIELD: Lucky Lake Queen

LOCATION: 1,650' FSL & 330' FWL of Section 10-15S-29E Chaves Co., NM

GL: 3,868' ZERO:          KB:         

SPUD DATE: 7/31/90 COMPLETION DATE: 10/12/90

COMMENTS: API No.: 30-005-62793

(Operated by Abo Petroleum)

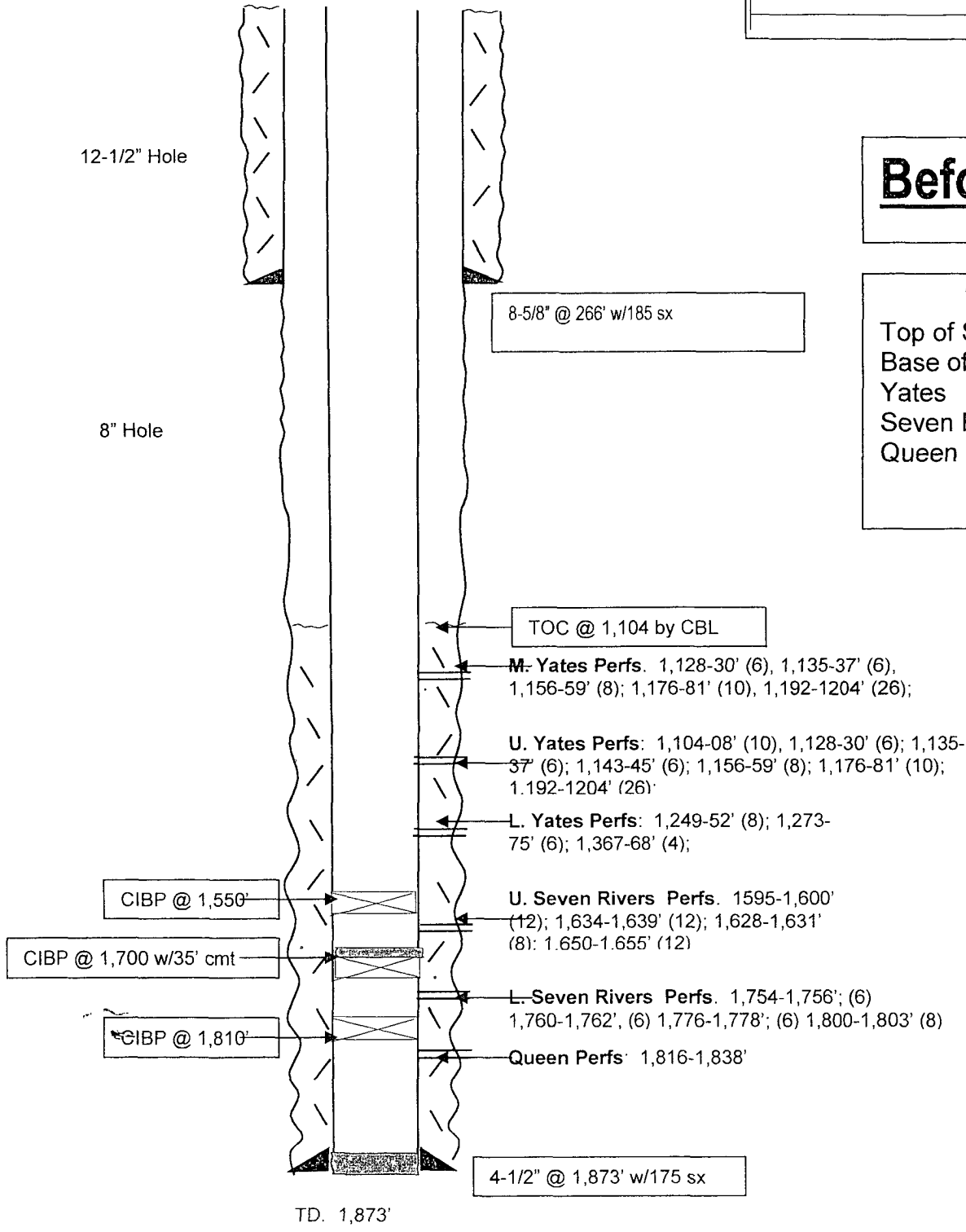
**CASING PROGRAM**

8-5/8" 24#	<b>266'</b>
4-1/2" 9.5#/10.5#	<b>1,873'</b>

**Before**

**TOPS**

Top of Salt	265'
Base of Salt	580'
Yates	1,060'
Seven Rivers	1,582'
Queen	1,812'



**Not to Scale**  
7/14/10  
DC/Hill

## BUREAU OF LAND MANAGEMENT

Roswell Field Office  
2909 West Second Street  
Roswell, New Mexico 88201  
(575) 627-0272

### 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 the BLM Roswell Field Office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when the BLM Roswell Field Office can expect the well to be plugged. Failure to do so will result in enforcement action.**

2. Notification: Contact the BLM Roswell Field Office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, during office hours call (575) 627-0205 or after office hours call (575) 420-2832. Engineer on call during office hours phone (575) 627-0275 or phone (after hours) call (575) 626-5749.

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 9090 feet; a 3M system for a well not deeper than 13636 feet; and a 5M system for a well not deeper than 22727 feet.

4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at a 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 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 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 7500 feet of depth, mixed at 14.8 lbs./gal with 6.3 gallons of fresh water per sack or class "H" for deeper than 7500 feet plugs, mixed at 16.4 lbs./gal with 4.3 gallons of fresh water per sack.

6. Monument: Upon abandonment of the well, 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 covered with a metal plate at least ¼ inch thick and welded in place. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the quarter-quarter 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 the BLM Roswell Field Office. 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.**

Following the submittal and approval of the Subsequent Report of Abandonment, a Notice of Intent for Final Abandonment with the proposed surface restoration procedure must be submitted for approval.