

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

## 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 (APB) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Serial No. NOO-C-14-20-4158
2. Name of Operator Mountain States Petroleum Corp.	6. If Indian, Allottee or Tribe Name Navajo
3a. Address P. O. Box 2906, Amarillo, Texas 79105-2906	7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) 806-356-8033	8. Well Name and No. Navajo No 32-1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Unit Letter "O", SWSE, 660' FSL & 2150' FEL Sec 32, T 27 N, R 19 W, San Juan, New Mexico	9. API Well No. 3004522272
	10. Field and Pool, or Exploratory Area Big Gap Organ Rock
	11. County or Parish, State San Juan, 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 recompleat 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 recompleat 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.)

Mountain States Petroleum plans to plug and abandon this well per the attached procedure.

This is a revision to the plugging plan you approved November 29, 2004 and incorporates your conditions of approval. This revised plan separates the DeChelly and Chinle plugs.

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

George S. Dixon

Title Agent

Signature

Date

02/21/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Original Signed: Stephen Mason

Title

Date

FEB 25 2005

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.

(Instructions on page 2)

NMOCD

## PLUG AND ABANDONMENT PROCEDURE

February 15, 2005

### Navajo Number 32-1

Big Gap Organ Rock Pool  
660' FSL and 2150' FEL, Section 32, T-27-N, R-19-W  
San Juan County, New Mexico, API 30-045-22272

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

1. Install and test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Mountain States Petroleum safety rules and regulations. Conduct safety meeting for all personnel on location. MOL and RU daylight pulling unit. NU relief line and blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
2. TOH, tally and visually inspect the 2.375" tubing. If necessary LD tubing and use a workstring. Round trip a casing scraper or wireline gauge ring to 3648'.
3. **Plug #1 (Organ Rock perforations and top, 3648' – 3548')**: TIH and set a 4.5" CR at 3648'. Pressure test tubing to 1000#. Load casing with water and circulate the well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 12 sxs cement and spot a balanced plug inside the casing above retainer to isolate the Organ Rock perforations and to cover the top. TOH with tubing.
4. **Plug #2 (DeChelly top, 3059' – 2959')**: Perforate 3 HSC holes at 3059'. Set 4.5" cement retainer at 3009'. Mix and pump 55 sxs cement, squeeze 35 sxs outside the casing and leave 20 sxs inside (excess due to casing leak) to cover the DeChelly top. TOH with tubing.
5. **Plug #3 (Chinle top, 2126' – 2026')**: Perforate 3 HSC holes at 2126'. Set 4.5" cement retainer at 2076'. Mix and pump 55 sxs cement, squeeze 35 sxs outside the casing and leave 20 sxs inside (excess due to casing leak) to cover the Chinle top. TOH with tubing.
6. **Plug #4 (8-5/8" Casing shoe, 1490' – 1390')**: Perforate 3 HSC holes at 1490'. If casing tested, then establish rate into squeeze holes. TIH and set 4.5" cement retainer at 1440'. Mix and pump 50 sxs cement, squeeze 35 sxs outside casing and leave 15 sxs inside to cover the casing shoe. TOH and LD tubing.
7. **Plug #5 (Morrison top and surface, 261' – Surface)**: Perforate 4 HSC holes at 261' through both the 4.5" and 8.625" casings. Establish circulation to surface with water out the 4.5" X 8.625" intermediate valve and the bradenhead valve. Mix and pump approximately 240 sxs cement down the 4.5" casing to circulate cement out both the intermediate and BH valve. Shut in well and WOC.
8. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.