UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Name of Operator MERIDIAN OLL Address & Phone No. of Operator FO Box 4289, Farmington, NM 87499 (505) 326-9700 Location of Well, Footage, Sec., T, R, M 990'FNL, 1650'FFL, Sec.18, T-29-N, R-11-W, NMFM CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA Type of Submission X Notice of Intent Subsequent Report Plugging Back Subsequent Report Plugging Back Non-Routine Fracturing Casing Repair Water Shut off Conversion to Injection Other Describe Proposed or Completed Operations It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram.	Type of Well GAS Type of Well GAS Type of Well Address 6 Phone No. of Operator FO Box 4289, Farmington, NM 87499 (505) 326-9700 Location of Well, Footage, Sec., T. R. M 990'FNL, 1650'FfL, Sec.18, T-29-N, R-11-W, NMFM CEECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA Type of Submission X. Abandonment Recompletion X. Abandonment Change of Plans Recompletion Subsequent Report Final Abandonment Casing Repair Final Abandonment Altering Casing Conversion to Injection Other Describe Proposed or Completed Operations It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram. It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram. Type of Xeministrator Date 5/23/96 Title Date	BUREAU OF LAND MANAGEMENT	/	
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PLUG AND ABANDONMENT PROCEDURE

5-17-96

Cooper #1
DPNO 9780
Pictured Cliffs
NW, Sec. 18, T29N, R11W
San Juan County, New Mexico

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.

- Install and/or test rig anchors. Prepare blow pit. Comply to all NMOCD, BLM and Meridian safety rules and regulations.
- MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and NU BOP. Test BOP.
- 3. Pull and LD 1" tubing (1847'). Run 3-1/2" gauge ring to 1750'. Tally 1-1/2" tubing.
- 4. Plug #1 (Pictured Cliffs perforations, 1750' 1500'): PU and RIH with wireline set 3-1/2" bridge plug; set at 1750'. RIH with open ended 1-1/2" tubing to 1750'. Load casing with water and pressure test to 500#. Mix 11 sxs Class B cement and spot a balanced plug inside casing above bridge plug. POH to 1500' and reverse circulate clean. POH.
- 5. Plug #2 (Fruitland top, 1443' 1343'): Perforate 3-1/2" and 5-1/2" casings with 4 squeeze holes at 1443'. Establish rate into squeeze holes if casing tested. PU 3-1/2" wireline cement retainer and RIH; set at 1440'. RIH with stinger and establish rate into squeeze holes. Mix 63 sxs Class B cement, squeeze 56 sxs cement outside 5-1/2" casing and leave 7 sxs cement inside casing to cover Fruitland top. POH with tubing.
- 6. Plug #3 (Kirtland and Ojo Alamo tops, 618' 318'): Perforate 3-1/2" and 5-1/2" casings with 4 squeeze holes at 618'. Establish rate into squeeze holes if casing tested. If no casing leaks, mix 394 sxs Class B cement and pump down 3-1/2" casing, squeeze 373 sxs cement outside 5-1/2" casing (50% excess, large hole from cable tool drilling) and leave 21 sxs cement inside 3-1/2" casing, displace to 200'. Shut in well and WOC. RIH and tag cement.
- 7. Plug #4 (Surface): Perforate 2 squeeze holes at 90'. Establish circulation out bradenhead valve. Mix and pump approximately 115 sxs Class B cement down 3-1/2" casing, circulate good cement to surface. Shut in well and WOC.
- 8. ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended: Operations En	Dile 5/2196

Approval:

Production Superintendent

Cooper #1

Current: 5/9/96 **DPNO: 9780**

2/28/46

4/9/46

9/53

Spud: Completed:

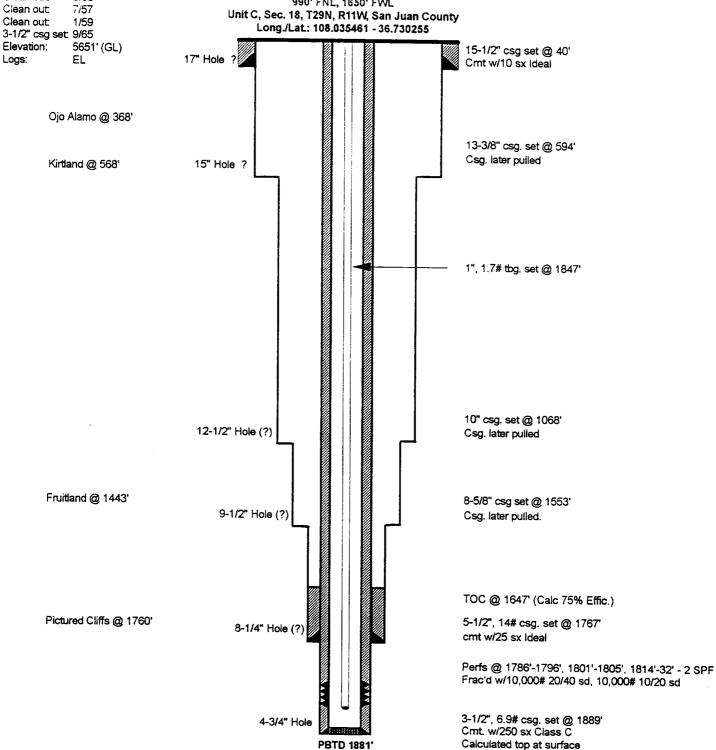
Logs:

Clean out

Pictured Cliffs

990' FNL, 1650' FWL

Unit C, Sec. 18, T29N, R11W, San Juan County



TD 1889'

Cooper #1

Proposed P&A DPNO: 9780

2/28/46 Spud: Completed: 4/9/46 Clean out 9/53 Clean out 7/57 Clean out

Logs:

Pictured Cliffs 990' FNL, 1650' FWL

Unit C, Sec. 18, T29N, R11W, San Juan County

