

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well GAS	5. Lease Number SF-078198
2. Name of Operator MERIDIAN OIL	6. If Indian, All. or Tribe Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	7. Unit Agreement Name
4. Location of Well, Footage, Sec., T, R, M 910'FNL, 990'FWL Sec.1, T-30-N, R-11-W, NMPM	8. Well Name & Number Nye #9
	9. API Well No. 30-045-09961
	10. Field and Pool Aztec PC
	11. County and State San Juan Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other -
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Conversion to Injectio

13. Describe Proposed or Completed Operations

It is intended to plug and abandon this well per the attached procedure and wellbore diagram.

RECEIVED  
APR - 7 1994

OIL CON. DIV.  
DIST. 3

RECEIVED  
BLM  
APR 13 1994 11:32 AM

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

Signed [Signature] (LWD) Title Regulatory Affairs Date 3/30/94

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_

CONDITION OF APPROVAL, if any:

APPROVED

APR 13 1994

DISTRICT MANAGER

## PLUG & ABANDON PROCEDURE

NYE # 9  
Pictured Cliffs  
NW/4 Sec. 1, T30N, R11W  
San Juan Co., New Mexico

1. Install and test location rig anchors. Prepare blow pit. MI atmospheric blow tank.
  2. MOL and RU daylight pulling unit. Comply to all NMOCD, BLM, and MOI regulations. Conduct safety meeting for all personnel on location. NU relief line to atmospheric tank.
  3. Blow down well and kill with water as necessary. ND wellhead and NU BOPs. Test operation of BOPs.
  4. **Plug # 1 (Fruitland Sand Perforations, And Fill 2 7/8" Casing to 50' Above Top of Ojo Alamo):** Establish rate into perforations and squeeze with 35 sx class B cement. Displace with drilling mud to 1064'. Pressure test 5 1/2" casing to 500 psi.
  5. **Plug # 2 (Surface Casing Shoe):** Perforate 2 holes at 190'. Establish circulation down 2 7/8" casing and out bradenhead valve. Pump cement and circulate out bradenhead ( $\cong$  50 sx).
  6. Cut off wellhead below surface casing flange and install dry hole marker to BLM specifications. Release rig and restore location.
- \* Cement volumes are calculated from 50' above to 50' below formation tops.
  - \* Surface plug volume is calculated from 50' below casing shoe to surface.
  - \* All cement volumes are calculated with 100% volume excess outside pipe and 50 foot plug length excess inside pipe.
  - \* Plugs spotted on top of cement retainers will fill minimum of 50' inside pipe.
  - \* Drilling mud will be mixed to 8.4 ppg weight and 40 viscosity.

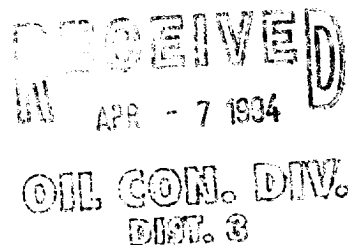
Recommended:

\_\_\_\_\_  
Operations Engineer

Approval:

\_\_\_\_\_  
Production Superintendent

lwd 3/28/94



### Pertinent Data Sheet

**Well Name:** Nye # 9 **DP Number:** 53585  
**Well Type:** Aztec Pictured Cliffs **Elevation:** 5974' GL  
5981' KB  
**Location:** 910' FNL, 990' FWL, Sec 1, T30N, R11W  
San Juan Co., New Mexico  
**Ownership:** GWI: 100.00% **Drilling:** Spud Date: Mar 16, 1960  
NRI: 83.00% Total Depth: 2621'  
PBTD: 2584'

**Casing and Tubing:**

<u>Hole Size</u>	<u>Size, Wt. &amp; Grade</u>	<u>Depth</u>	<u>Cement</u>	<u>TOC</u>
11"	7 5/8", 24#, H40	139'	75 sx	Surf
6 3/4"	2 7/8", 6.5#, J55	2620'	150 sx	1840' - TS

**Geology:** Field: Aztec Pictured Cliffs

Formation Tops:

Ojo Alamo	1114'
Kirtland	1246'
Fruitland	2196'
Pictured Cliffs	2555'

**Logging:** ES 135' - 2621'.

**Stimulation:** Pictured Cliffs: Fractured with 30,000 lbs sand and 24,950 gal slick water.

**Workover History:** Casing failure at 1188' squeezed with 50 sx cement in April 1971. Pictured Cliffs plugged back to the Fruitland Sand in April 1971. During recompletion attempt perforating guns were left in the hole and never recovered.

**Production History:** Cumulative Production: 106 MMcf gas.

lwd 3/28/94

**NYE #9**  
**CURRENT**  
ACTEC PICTURED CLIFFS  
UNIT D, SECTION 1, T30N, R11W, SAN JUAN COUNTY, NM

