

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-078317
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 1450'FNL, 890'FWL Sec.5, T-29-N, R-11-W, NMPM	8. Well Name & Number Duff #1
	9. API Well No.
	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 Injection

13. Describe Proposed or Completed Operations

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

RECEIVED  
AUG 23 1993  
OIL CON. DIV.  
DIST. 9

RECEIVED  
BLM  
AUG 13 AM 10:18  
GEO. H. HARRISON, NM

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

Signed [Signature] (KAS) Title Regulatory Affairs Date 8/12/93

(This space for Federal or State Office use)

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

CONDITION OF APPROVAL, if any:

NMOCD

APPROVED

AUG 17 1993

DISTRICT MANAGER

# DUFF #1

## CURRENT

### AZTEC PICTURED CLIFFS

UNIT E, SECTION 5, T29N, R11W, SAN JUAN, NM

DATE COMPLETED: 3/18/53

9-5/8" 25.4# CSG SET @ 91'  
CIRC. CMT TO SURFACE

OJO ALAMO @ 735'

KIRTLAND @ 820'

1" TBG SET @ 2099'

FRUITLAND @ 1790'

PICTURED CLIFFS @ 2067'

5-1/2" 15.5# CSG SET @ 2074'  
TOC @ 1310' (75%)

OPEN HOLE SHOT W/ 105 QTS SNG

TD 2121'

**DUFF #1**  
**PROPOSED**  
**AZTEC PICTURED CLIFFS**  
UNIT E, SECTION 5, T29N, R11W, SAN JUAN, NM

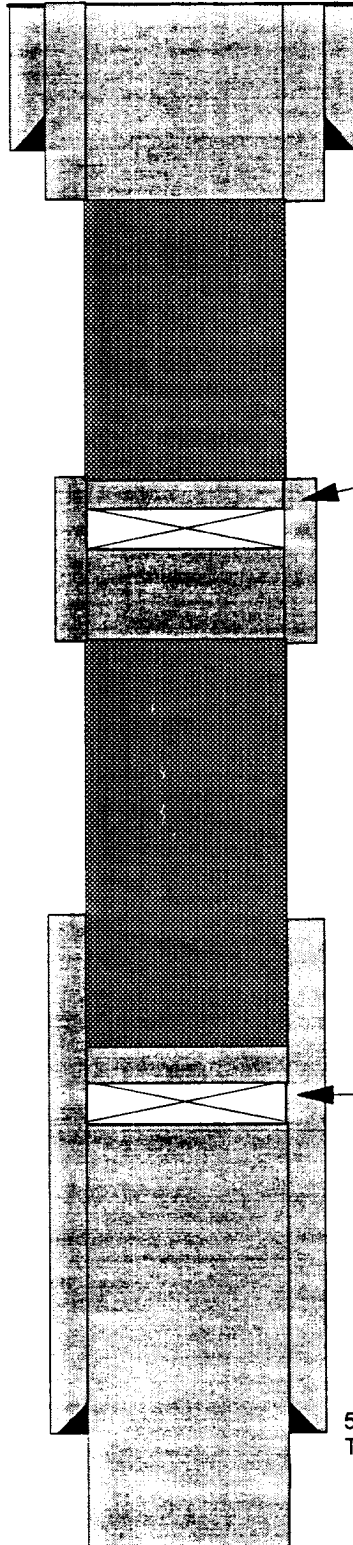
DATE COMPLETED: 3/18/53

OJO ALAMO @ 735'

KIRTLAND @ 820'

FRUITLAND @ 1790'

PICTURED CLIFFS @ 2067'



9-5/8" 25.4# CSG SET @ 91'  
CIRC. CMT TO SURFACE

**PLUG #3**

CMT RET @ 735'

**PLUG #2**

CMT RET @ 1790'

**PLUG #1**

5-1/2" 15.5# CSG SET @ 2074'  
TOC @ 1310' (75%)

Duff # 1  
Recommend P&A Procedure  
Unit E Section 5 T29N R11W

NOTE • 24 Hours before activity, notify BLM (326-6201) & NMOCD (327-5344).  
• Cement volumes are 100% excess outside pipe and across perforations & 50% excess inside pipe.

1. MOL and RU. Comply to all NMOCD, BLM and MOI rules & regulations. Hold safety meeting. ND wellhead. NU BOP. Blow well down, if necessary, kill with water.
2. TOOH & lay down 2099' of 1" tbg. PU 2-3/8" workstring and visually inspect for and replace all bad jts. TIH w/ 5-1/2" 15.5# csg scraper and 4-3/4" bit and CO to 1800'. Load hole with water. TOOH.
3. TIH w/ 2-3/8" workstring & set 5-1/2" cmt ret @ 1790'. Plug # 1 from 2121' - 1740' w/ 68 sxs cmt (58 sxs below ret, 10 sxs on top of ret). Follow cmt with 7 bbls water. Pull tbg up 3 stands and reverse circ 2 tbg volumes.
4. Pump approx 31 bbls mud: 15# sodium bentonite w/ non fermenting polymer, 9# gal weight & 50 sec/qt vis or greater to fill hole from 1740' to 870'. TOOH.
5. RU wireline and perf 4 sq holes @ 870' (50' below top of Kirtland). RD wireline.
6. TIH w/ 2-3/8" workstring & set 5-1/2" cmt ret @ 1735'. Plug # 2 from 870' - 685' w/ 87 sxs cmt (77 sxs below ret, 10 sxs on top of ret). Follow cmt with 3 bbls water.
7. Pump approx 19 bbls mud: 15# sodium bentonite w/ non fermenting polymer, 9# gal weight & 50 sec/qt vis or greater to fill hole from 685' to 150'. TOOH.
8. RU wireline and perf 4 sq holes @ 150'. RD wireline. Establish circulation down 5-1/2" csg out bradenhead w/ water. Plug # 3 from 150' to surface w/ 70 sxs cmt. Circulate good cmt out bradenhead.
9. Cut off wellhead below surface casing flange, install dry hole marker and restore location according to Federal and State specifications.
10. RD workover rig. MOL.
11. Contact pipeline company for removal of meter run and lines. Re-seed location.

Approve: \_\_\_\_\_  
J. B. Fraser

Concur: \_\_\_\_\_  
K. G. Johnson

VENDORS:  
A-Plus Well Service: 325-2627  
KAS:kas