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State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division

Sundry Notices and Reports on Wells

|   |  |
|---|--|
| <p>1. <b>Type of Well</b><br/>GAS</p> <hr/> <p>2. <b>Name of Operator</b><br/>Norman L. Gilbreath</p> <hr/> <p>3. <b>Address &amp; Phone No. of Operator</b><br/>P.O. Box 208, Aztec, NM 87410</p> <hr/> <p>4. <b>Location of Well, Footage, Sec., T, R, M</b><br/>1650' FNL &amp; 990' FWL, Sec. 24, T-29-N, R-11-W, NMPM, San Juan County</p> | <p>API # (assigned by OCD)<br/>30-045-08053</p> <p>5. <b>Lease Number</b></p> <p>6. <b>State Oil&amp;Gas Lease #</b><br/>Fee</p> <p>7. <b>Lease Name/Unit Name</b><br/>DoDo</p> <p>8. <b>Well No.</b><br/>#1</p> <p>9. <b>Pool Name or Wildcat</b><br/>Aztec Ft Gas</p> <p>10. <b>Elevation:</b></p> |
|---|--|

**Type of Submission**

**Type of Action**

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

**13. Describe Proposed or Completed Operations**

Norman L. Gilbreath plugged and abandoned this well per the attached report on July 14, 2005.



SIGNATURE

*William F. Clark*  
William F. Clark

Plugging Contractor

October 13, 2005

(This space for State Use)

Approved by

*Monica Kuehling*

Deputy Oil & Gas Inspector,

Title

District #3

Date

10-9-07

# A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 \* fax: 505-325-1211

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Norman L. Gilbreath

**Do Do #1**

July 15, 2005

Page 1 of 2

1650' FNL & 990' FWL, Section 24, T-29-N, R-11-W

San Juan County, NM

Fee Lease

API #30-045-08053

## Plug & Abandonment Report

### Work Summary:

Notified NMOCD on 7-8-05

7/11/05 MOL & RU. Well pressures: 20# bradenhead, 40# casing, 20# tubing. Lay relief lines to pit. ND wellhead. NU BOP and flange, test. TOH with 49 joints 2.375" tubing, 1499'. PU and TIH with 5.5" casing scraper. Set down at 15', unable to get deeper. PUH. Round trip 4.5" casing scraper to 1499'. PU a 5.5" CR and attempt to get deeper than 15', too tight. LD 5.5" CR. PU and TIH with a 4.5" DHS CR to 1469'. Attempt to set CR, would not set. TOH and LD CR. Shut in well.

7/12/05 TIH with tubing open-ended and tag bottom at 1545'. PUH to 1530'. Load casing with 2 bbls of water and circulate well clean with an additional 13 bbls of water.

**Plug #1** with 32 sxs Type III cement (42 cf), with 2% CaCl<sub>2</sub> inside casing from 1530' up to 1220' to isolate the PC zone and to fill the Fruitland perforations.

PUH. Shut in well and WOC.

TIH with tubing and tag cement at 1208'. TOH with tubing. Attempt to pressure test casing to 550#, slow leak, bleed down to 350# in 4 minutes.

Perforate 3 holes at 668'. Establish rate into squeeze holes 2 bpm at 250#. Pump 40 bbls of water down the casing with good circulation out the bradenhead. Note: Bradenhead unloading strong gas slugs, very blackish water and some paraffin.

**Procedure change to circulate cement to surface approved by NMOCD.**

**Plug #2** with 364 sxs Type III cement (480 cf) pumped down the 5.5" casing with good circulation (black water with gas slugs) to surface out the bradenhead valve, unable to get cement to surface, both steel waste pits full; displace cement in casing to 200', leaving 49 sxs inside and 315 sxs squeezed outside the casing from 668' to 435' (or higher) to cover the Kirtland and Ojo Alamo tops. Note: Calculated BH annulus cement volume from 668' to surface was 251 sxs. Shut in well and WOC overnight.

7/13/05 Well pressures: 0# casing, 25# BH. BH flowing water. RIH and tag cement at 222'. Perforate 3 holes at 181'. Load casing with 25 bbls of water and establish good circulation out the bradenhead valve.

**Plug #3** with 130 sxs Type III cement (172 cf) with 2% CaCl<sub>2</sub>, pumped down the casing from 181' to surface, leave 19 sxs inside the 5.5" casing and squeeze 11 sxs outside the casing from 181' to surface. Shut in casing. Hook pump on bradenhead. Mix and pump 30 sxs (40 cf) down bradenhead to fill the 5.5" annulus. Shut in well with 300#. WOC overnight. Dig out wellhead.

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Norman L. Gilbreath  
**Do Do #1**

July 15, 2005  
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1650' FNL & 990' FWL, Section 24, T-29-N, R-11-W  
San Juan County, NM  
Fee Lease  
API #30-045-08053

## **Plug & Abandonment Report**

### **Work Summary Continued:**

7/14/05 Well pressures: 0# casing, 0# BH. Clean cement out of BOP. ND BOP. Observed very small gas bubbles in the 5.5" casing at surface. NU 2" x 5.5" swedge to casing collar. Attempt to pressure test surface plug, pressured up to 500#, slow leak, unable to establish rate; pressure bleed down to 125# in 30 minutes. Informed Henry V. with the NMOCD of the gas bubbles. Connect pump line to the 2" bradenhead valve. Attempt to pressure test to 500#, leak in the welded washer holding the 5.5" casing on top of the 10.75" surface casing. Install valves and bull plugs to monitor the pressure.  
RD and MOL.  
D. Davis and H. Villanueva, NMOCD, were on location.

7/22/05 Visited wellsite: Field being irrigated and hole around wellhead full of water. No gas bubble outside the 10.75" casing. Bradenhead - no pressure. 5.5" casing - TSTM, pressure less than the accuracy of a 0 to 60# gauge can record.

Removed the 2" x 5.5" swedge and observed one small gas bubble ever 30 to 45 seconds. Reinstalled the casing swedge and shut in well.

August 2005: Well checked by H. Villanueva, pressure TSTM.

10/12/05 Check well – no pressure. Cut off well head and welded P&A marker to casing stub. Cleaned up the area and backfilled dirt around the marker.  
Job Complete.