

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Sundry Notices and Reports on Wells

REC'D ALBUQUERQUE, N.M.  
06 JUL 2000 AM 10:14

1. Type of Well  
Gas

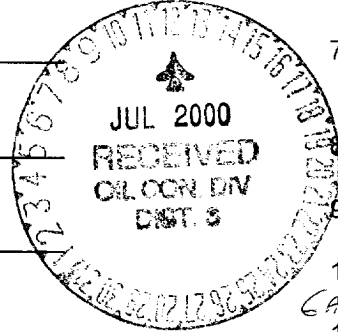
2. Name of Operator  
Norman Gilbreath

3. Address & Phone No. of Operator  
P. O. Box 208, Aztec, NM 87410

Location of Well, Footage, Sec., T, R, M  
F 1715' FNL and 1665' FWL, Sec. 19, T-25-N, R-1-W,

5. Lease Number  
NM 03808  
6. If Indian, All. or  
Tribe Name  
7. Unit Agreement Name

Well Name & Number  
Federal #23  
API Well No.  
20-039-05924  
10. Field and Pool  
Cavilon Pictured Cliffs  
11. County & State  
Rio Arriba County, NM



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

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

13. Describe Proposed or Completed Operations

Norman Gilbreath plugged and abandon this well on June 1, 2000 as follows with details on the attached report.

Cementing Summary:

- Plug #1 with 68 sxs Class B cement (50% excess) from 3828' to 3243' to fill Pictured Cliffs perforations and to cover PC, Fruitland, Kirtland and Ojo Alamo tops.
- Plug #2 with retainer at 1998', mix 48 sxs Class B cement, squeeze 29 sxs outside 5-1/2" casing from 2060' to 1960' and leave 19 sxs inside casing to cover Nacimiento top.
- Plug #3 with 78 sxs Class B cement pumped down the 5-1/2" casing from 127' to surface, circulate 1 bbl good cement out bradenhead.

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

Signed Norman L. Gilbreath Title Norman L. Gilbreath, President Date 6/27/00  
Norman Gilbreath

(This space for Federal or State Office use)  
APPROVED BY Patricia M. Rosta Title Lands and Mineral Resources Date 7-10-2000  
CONDITION OF APPROVAL, if any:

Surface restoration conditions attached.

# A - PLUS WELL SERVICE, INC.

P.O. BOX 1979  
FARMINGTON, NM 87499  
505-325-2627 • FAX: 505-325-1211

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June 26, 2000

Norman L. Gilbreath

## Federal #23

Unit F, SE, NW Section 19, T-25-N, R-1-W  
Rio Arriba County, NM  
NM 03808

## Plug & Abandonment Report

### Cementing Summary:

**Plug #1** with 68 sxs Class B cement (50% excess) from 3828' to 3243' to fill Pictured Cliffs perforations and to cover PC, Fruitland, Kirtland and Ojo Alamo tops.

**Plug #2** with retainer at 1998', mix 48 sxs Class B cement, squeeze 29 sxs outside 5-1/2" casing from 2060' to 1960' and leave 19 sxs inside casing to cover Nacimiento top.

**Plug #3** with 78 sxs Class B cement pumped down the 5-1/2" casing from 127' to surface, circulate 1 bbl good cement out bradenhead.

### Plugging Summary:

Notified Cuba BLM on 5-30-00

5-30-00 Road rig and equipment to bottom of location; pulled rig up hill. Spot equipment in and RU rig. Layout relief line to pit. Open up well and blow down 20# tubing pressure. Casing had 60# pressure, blew down. Shut in well and SDFD.

5-31-00 Safety Meeting. Open up well and blow down. ND wellhead and attempt to remove cap off wellhead, unable to remove due to corrosion. Wait for 5-1/2" wellhead and dig out bradenhead. Change over for 2-3/8" tubing. Strip-off wellhead and strip-on 5-1/2" wellhead, flange and NU BOP, test. LD 1 joint tubing with wellhead. TOH and tally 119 joints 2-3/8" tubing, 3805'. TIH with tubing to 3828'. Plug #1 with 68 sxs Class B cement (50% excess) from 3828' to 3243' to fill Pictured Cliffs perforations and to cover PC, Fruitland, Kirtland and Ojo Alamo tops. PUH to 2000' and WOC. Shut in well and SDFD.

6-1-00 Safety Meeting. Open up well, no pressure. TIH and tag cement at 3315'. Load casing and attempt to pressure test, leak 1/2 bpm at 400#. RU A-Plus wireline truck and round-trip 5-1/2" gauge ring to 2060'. Perforate 3 HSC squeeze holes at 2060' and set 5-1/2" PlugWell wireline retainer at 1998'. TIH with tubing and sting into retainer then sting out. Load casing with water and attempt to pressure test, leak 1/2 bpm at 400# above retainer. Sting into retainer and establish rate into squeeze holes 3/4 bpm at 800#. Plug #2 with retainer at 1998', mix 48 sxs Class B cement, squeeze 29 sxs outside 5-1/2" casing from 2060' to 1960' and leave 19 sxs inside casing to cover Nacimiento top. TOH and LD tubing Perforate 2 squeeze holes at 127'. Establish circulation out bradenhead with 18 bbls water. Plug #3 with 78 sxs Class B cement pumped down the 5-1/2" casing from 127' to surface, circulate 1 bbl good cement out bradenhead. Shut in well and WOC. ND BOP and RD rig. Dig out wellhead and cut off; cement down 5' in 5-1/2" casing and 10' in 10-3/4" casing. Mix 20 sxs Class B cement, fill casing and annulus; then install P&A marker. MOL. J. Valencia, Cuba BLM representative, was on location.

## BLM CONDITIONS OF APPROVAL

The following surface rehabilitation Conditions of Approval must be complied with as applicable, before this well can be approved for final abandonment (see 43 CFR 3162.3-4). Surface rehabilitation work shall be completed within one year of the actual plugging date. Notification for completion of this work can be submitted with a Sundry Notice. Questions? Call Pat Hester at (505) 761-8786.

1. All fences, production equipment, purchaser's equipment, concrete slabs, deadman (anchors), flowlines, risers, debris and trash must be removed from the location. Non-retrieved flowlines and pipelines will be abandoned in accordance with State Rule 714. Information supporting the non-retrieval will be included in the subsequent report or final abandonment Sundry Notice.

2. Production pits will be closed according to the Unlined Surface Impoundment Closure Guidelines, as approved in the Environmental Assessment of December 1993. Any oil stained soils can be remediated on-site according to these guidelines or disposed of in an approved facility.

3. The well pad will be shaped to the natural terrain and left as rough as possible. All compacted areas and areas devoid of vegetation shall be ripped to a minimum of 12" in depth before reseeding.

4. Access roads will be shaped to conform to the natural terrain and left as rough as possible to deter vehicle travel. Access will be ripped to a minimum of 12" in depth, water barred and reseeded. All erosion problems created by the development must be corrected prior to acceptance of release. Water bars should be spaced as shown below along the fall line of the slope:

% Slope	Spacing Interval
Less than 20%	200'
2 to 5 %	150'
6 to 9 %	100'
10 to 15 %	50'
Greater than 15%	30'

5. All disturbed areas will be seeded with the prescribed certified seed mix (reseeding may be required). Seed mix must be certified weed free to avoid the introduction of noxious weeds. Refer to the original APD for seed mix.

6. Notify Surface Managing Agency seven (7) days prior to seeding so that they may be present to witness.

7. The period of liability under the bond of record will not be terminated until the well is inspected and the surface rehabilitation approved.

Other Surface Managing Agencies (SMA's) may vary slightly in their restoration requirements. It is your responsibility, as the operator, to obtain surface restoration requirements from other SMA's. We need to be provided with a copy of these requirements. Any problems concerning stipulations received from other SMA's should be brought to us.

On private land, a letter from the fee owner stating that the surface restoration is satisfactory will be provided to the office. Questions? Call Pat Hester at (505) 761-8786.