

**RECEIVED**

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

NOV 09 2007

Bureau of Land Management  
Farmington Field Office

1. **Type of Well**  
Gas

2. **Name of Operator**  
John E. Schalk

3. **Address & Phone No. of Operator**  
PO Box 25825, Albuquerque, NM 87125 (505) 881-6649

**Location of Well, Footage, Sec., T, R, M**

910' FNL and 1010' FEL, Section 32, T-29-N, R-4-W,

5. **Lease Number**  
NM-18328

6. **If Indian, All. or  
Tribe Name**

7. **Unit Agreement Name**

8. **Well Name & Number**  
Schalk 29-4 #3

9. **API Well No.**  
30-039-21138

10. **Field and Pool**  
Blanco PC

11. **County & State**  
Rio Arriba County, NM

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

**Type of Submission**

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

**Type of Action**

☒ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other -

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

RCVD NOV 27 '07

OIL CONS. DIV.

DIST. 3

**13. Describe Proposed or Completed Operations**

John E. Schalk Operator plans to P&A the above well according to the attached P&A procedure.

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

Signed

Steve Schalk

Title

Agent

Date 11/06/2007

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_  
CONDITION OF APPROVAL, if any:

Date

NOV 26 2007

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOC

## PLUG AND ABANDONMENT PROCEDURE

October 22, 2007

### Schalk 29-4 #3

Blanco Pictured Cliffs

910' FNL & 1010' FEL, NE, Section 32, T29N, R4W  
Rio Arriba County, New Mexico, API #30-039-21138

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.  
Cement will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield or Class B.

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Schalk safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary.
2. Project will require a Pit Permit (C103) from the NMOCD.
3. PU on tubing and release packer. Let well equalize. Reseat packer and pressure test tubing to 1000#. ND wellhead and NU BOP. Test BOP. TOH and LD 1.25" tubing with SN, total 4315', PU tubing workstring. Note: tubing may be stuck. If tubing is stuck then determine freepoint and proceed as appropriate.
4. **Plug #1 (Pictured Cliffs perforations and Fruitland, Kirtland and Ojo Alamo tops, 4232' – 3650')**: TIH and set 4.5" CR at 4232'. Load casing with water and circulate well clean. Note: well has a suspected casing leak. Mix 46 sxs Type III and spot a balanced plug inside casing above CR to isolate the Pictured Cliffs interval and cover through the Ojo Alamo top. TOH with tubing.
5. **Plug #4 (Nacimiento top, <sup>2460 2360</sup>2745' – <sup>2460</sup>2645')**: Perforate 3 squeeze holes at <sup>2460</sup>2745'. Set 4.5" cement retainer at <sup>2460</sup>2695'. Establish rate into squeeze holes. Mix and pump 58 sxs cement Type III cement (Note: excess cement due to possible casing leak), squeeze 44 sxs outside the casing and leave 14 sxs inside casing to cover the Nacimiento top. TOH and LD tubing.
6. **Plug #5 (Surface, 418' – 0')**: Perforate 3 squeeze holes at 418'. Establish circulation with water out bradenhead valve. Circulate the bradenhead annulus clean. Mix and pump approximately 100 sxs cement down the 4.5" casing, circulate good cement out the bradenhead valve. Shut in well and WOC.
7. ND BOP and cut off casing below surface casing flange. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

# Schalk 29-4 #3

**Current**

Blanco Pictured Cliffs

910' FNL & 1010' FEL, Section 32, T-29-N, R-4-W

Rio Arriba County, NM / API #30-039-21138

Today's Date: 10/22/07

Spud: 1/29/76

Comp: 3/02/76

Elevation: 7353' GI

12.25" Hole

8.625" 24# Casing set @ 368'  
255 sxs cement, circulated to surface

## Well History

**May '97:** TOH with tubing; tag PBTD at 4535'. Set Arrow packer in-tension at 4316'. Pump 200 gals 7.5% HCl with inhibitors followed by 40 bbls of H<sub>2</sub>O with foam and 35,000 SCFN<sub>2</sub>. Pump 10 gallons Tretolite H<sub>2</sub>S scavenger fluid down casing.

**NOTE:** Operator suspects tubing may be stuck. Suspected casing leak.

Nacimiento @ 2695'

Top of Cmt @ 3102' (Calc, 75%)

Ojo Alamo @ 3700'

1.5" Tubing set at 4315'  
(134 joints, 2.9# EUE, SN w/packer)

Kirtland @ 3858'

Fruitland @ 4090'

Pictured Cliffs @ 4250'

4.5" Arrowset 1X casing packer set in tension at 4323' (1997)

Pictured Cliffs Perforations:  
4382' - 4432'

7.875" Hole

4.5" 10.5#, Casing @ 4564'  
Cemented with 275 sxs (443 cf)

TD 4575'  
PBTD 4535'

# Schalk 29-4 #3

## Proposed P&A

Blanco Pictured Cliffs

910' FNL & 1010' FEL, Section 32, T-29-N, R-4-W  
Rio Arriba County, NM / API #30-039-21138

Today's Date: 10/22/07

Spud: 1/29/76

Comp: 3/02/76

Elevation: 7353' GI

12.25" Hole

Nacimiento @ 2695'

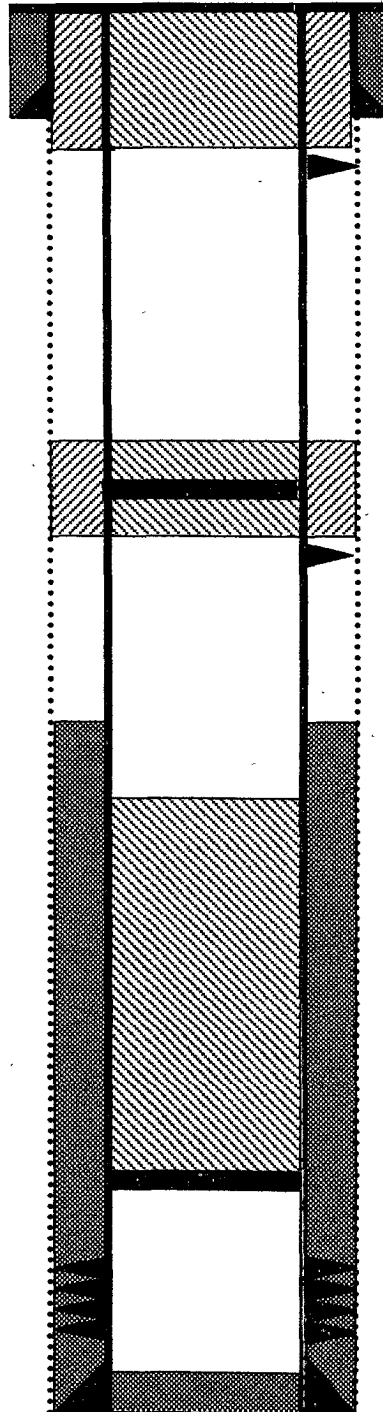
Ojo Alamo @ 3700'

Kirtland @ 3858'

Fruitland @ 4090'

Pictured Cliffs @ 4250'

7.875" Hole



8.625" 24# Casing set @ 368'  
255 sxs cement, circulated to surface

Perforate @ 418'

Plug #3: 418' - 0'  
Type III cement, 100 sxs

Cmt Retainer @ 2695'

Perforate @ 2745'

Plug #2: 2745' - 2645'  
Type III cement, 58 sxs  
14 sxs inside (excess due to casing leak) and 44 sxs outside (excess due to casing leak)

Top of Cmt @ 3102' (Calc, 75%)

Plug #1: 4232' - 3650'  
Type III cement, 46 sxs

Set CR at 4232'

Pictured Cliffs Perforations:  
4382' - 4432'

4.5" 10.5#, Casing @ 4564'  
Cemented with 275 sxs (443 cf)

TD 4575'  
PBD 4535'

**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
1235 LA PLATA HIGHWAY  
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: 3 Schalk 29-4

**CONDITIONS OF APPROVAL**

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made:
  - a) Place the Nacimiento plug to 2460' – 2360' inside and outside the 4 ½" casing.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.