

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

RECEIVED

MAR 31 2008

1. **Type of Well**  
Gas

5. **Lease Number**  
NM-6894  
6. **If Indian, All. or  
Tribe Name**

2. **Name of Operator**  
Schalk Development Company

Bureau of Land Management  
Farmington Field Office

7. **Unit Agreement Name**

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

8. **Well Name & Number**  
Schalk 94 #3

9. **API Well No.**  
30-045-21365

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

10. **Field and Pool**  
Albino PC

1188' FSL and 1107' FWL, Section 26, T-32-N, R-8-W,

11. **County & State**  
San Juan 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

**13. Describe Proposed or Completed Operations**

Schalk Development Company 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 3/28/08

(This space for Federal or State Office use)

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

Date \_\_\_\_\_

APR 03 2008

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.

NMOCD 

## PLUG AND ABANDONMENT PROCEDURE

March 20, 2008

### Schalk 94 #3

Albino Pictured Cliffs

1188' FSL & 1107' FWL, SW, Section 26, T32N, R8W  
San Juan County, New Mexico, API #30-045-21365

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 15.8 ppg with a 1.15 cf/sx yield.

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 1.25" tubing workstring. Round trip 2.875" gauge ring or casing scaper to 3765'.  
3302'
4. **Plug #1 (Pictured Cliffs interval and Fruitland top, 3765' – 3644')**: TIH and set 2.875" CIBP at 3765'. Load casing with water and circulate well clean. Mix 6 sxs Type G and spot a balanced plug inside casing above CR to isolate the Pictured Cliffs interval and cover the Fruitland top. PUH to 3105'.  
2688' 2501'
5. **Plug #2 (Kirtland and Ojo Alamo tops, 3405' – 2932')**: Mix 7 sxs Type G and spot a balanced plug inside casing to cover the Kirtland and Ojo Alamo tops. TOH with tubing.  
1252' 1152'
6. **Plug #3 (Nacimiento top, 1733' – 1633')**: Perforate 2 bi-wire squeeze holes at 1733' through 4.5" x 7.875" annulus. Set 2.875" cement retainer at 1683'. Establish rate into squeeze holes. Mix and pump 45 sxs cement Type G cement, squeeze 40 sxs outside the casing and leave 5 sxs inside casing to cover the Nacimiento top. TOH and LD tubing.  
1252'
7. **Plug #5 (Surface, 353' – 0')**: Perforate 2 bi-wire squeeze holes at 353' through 4.5" x 7.875" annulus. Establish circulation with water out 4.5" x 7.875" annulus and bradenhead valve. Circulate the bradenhead and annulus clean. Mix and pump approximately 95 sxs cement down the 2.875" casing, circulate good cement out the 4.5" x 7.875" annulus and bradenhead valve. Shut in well and WOC.
8. 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 94 #3

## Current

Albino Pictured Cliffs

1188' FSL & 1107' FWL, Section 26, T-32-N, R-8-W

San Juan County, NM / API #30-045-21365

Today's Date: 03/20/08

Spud: 10/22/73

Comp: 11/16/73

Elevation: 6877' GI

12.25" Hole

TOC @ surface, (Calc, 75%)

8.625" 32# Casing set @ 303'  
190 sxs cement, circulated to surface

Nacimiento @ 1683' \*est

Top of Cmt @ 2286' (Calc, 75%)

Ojo Alamo @ 2982'

Kirtland @ 3055'

Fruitland @ 3694'

Perforated 2 holes at 3688'  
and squeeze with 170 sxs,  
TOC calc surface

Pictured Cliffs @ 3768'

2.875" J-55 casing @ 3795'  
Cemented with 170 sxs (201 cf)

Pictured Cliffs Perforations:  
3815' – 3880'  
3826' – 3927' (1993)

7.875" Hole

4.5" 9.5#, Casing @ 4007'  
Cemented with 325 sxs (522 cf)

TD 4000'  
PBSD 3964'

# Schalk 94 #3

## Proposed P&A

Albino Pictured Cliffs

1188' FSL & 1107' FWL, Section 26, T-32-N, R-8-W  
San Juan County, NM / API #30-045-21365

Today's Date: 03/20/08

Spud: 10/22/73

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12.25" Hole

Nacimiento @ 1683' \*est

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Kirtland @ 3055'

Fruitland @ 3694'

Pictured Cliffs @ 3768'

7.875" Hole

TOC @ surface, (Calc, 75%)

8.625" 32# Casing set @ 303'  
190 sxs cement, circulated to surface

Perforate @ 353'

Plug #4: 353' - 0'  
Type G cement, 95 sxs

Set CR @ 1683'

Perforate @ 1733'

Plug #3: 1733' - 1633'  
Type G cement, 45 sxs:  
40 outside annulus and 5  
inside

Top of Cmt @ 2286' (Calc, 75%)

Plug #2: 3105' - 2932'  
Type G cement, 7 sxs

Perforated 2 holes at 3688'  
and squeeze with 170 sxs,  
TOC calc surface

Set CIBP @ 3765'

Plug #1: 3765' - 3644'  
Type G cement, 6 sxs

2.875" J-55 casing @ 3795'  
Cemented with 170 sxs (201 cf)

Pictured Cliffs Perforations:  
3815' - 3880'  
3826' - 3927' (1993)

4.5" 9.5# Casing @ 4007'  
Cemented with 325 sxs (522 cf)

TD 4000'  
PBD 3964'

**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 94

**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) Bring the top of the Pictured Cliffs/Fruitland plug to 3302'.
  - b) Place the Kirtland/Ojo Alamo plug from 2688' – 2501'.
  - c) Place the Nacimiento plug from 1252' – 1152' inside the 2 7/8" and outside the 4 1/2" 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.