

submitted in lieu of Form 3160-5

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

RECEIVED
070 FARMINGTON NM
AUG 25 10 24

1. Type of Well
Gas

2. Name of Operator
Schalk Development Company

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

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

850' FNL and 1765' FEL, Section 23, T-30-N, R-4-W,

5. Lease Number
NM-44#49
6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Schalk 49 #2

9. API Well No.
30-039-20720

10. Field and Pool
Pictured Cliffs

11. County & State
Rio Arriba, 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 plug and abandon this well per the attached procedure.

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

Signed Steve Schalk Title Managing Partner Date 8/21/04

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason

Title

Date AUG 30 2004

CONDITION OF APPROVAL, if any:

NMOCD

PLUG AND ABANDONMENT PROCEDURE

August 20, 2004

Schalk 49 #2

East Blanco Pictured Cliffs

850' FSL & 1765' FEL Section 23, T30N, R4W

Rio Arriba County, New Mexico, API #30-039-30469

Lat: N _____ / Long: W _____

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

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOC, 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. ND wellhead and NU BOP. Test BOP.
2. RU wireline truck and round trip a 2-7/8" gauge ring to 3986'. Tally and prepare a 1-1/4" IJ workstring.
3. **Plug #1 (Pictured Cliffs perforations and Fruitland, Kirtland, Ojo Alamo tops, 3986' - 3310')**: RIH and set a wireline 2-7/8" CR at 3986'. TIH with workstring at tag CIBP. Load casing with water and circulate well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix and spot total of 22 sxs Type III cement, in two 11 sxs stages, inside the casing to cover through the Ojo Alamo. TOH with tubing.
4. **Plug #2 (Nacimiento top, 2150' - 2050')**: Perforate 2 or 3 squeeze holes at 2150'. If the casing pressure tested then establish rate into the squeeze holes. Mix and bullhead 60 sxs type III cement down the 2-7/8" casing, displace to 1800'. WOC and tag.
If the casing did not test, then RIH and set 2-7/8" wireline cement retainer at 2100'. TIH with 1-1/4" workstring and sting into retainer. Establish rate into the squeeze holes. Mix and pump 50 sxs Type III cement, squeeze 45 sxs outside the casing and leave 5 sxs inside casing to cover the Nacimiento top. TOH and LD tubing.
5. **Plug #3 (Surface casing, 233' - Surface)**: Perforate 2 or 3 squeeze holes at 233'. Mix and pump approximately 70 sxs Type III cement down 2-7/8" from 233' to surface, circulate good cement out bradenhead valve. Shut well in and WOC.
6. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

Schalk 49 #2

Current

East Blanco Pictured Cliffs

850' FSL & 1785' FEL, Section 23, T-30-N, R-4-W,

Rio Arriba County, API #30-045-30469

Today's Date: 8/20/04

Spud: 11/21/73

Completed: 12/13/73

Elevation: 7310' GL

12-1/4" hole

8-5/8" 32# Casing set @ 183'
Cement with 170 sxs (Circulated to Surface)

Nacimiento @ 2100'
(est.)

TOC @ 2470' (Calc, 75%)

Ojo Alamo @ 3360'

Kirtland @ 3694'

Fruitland @ 3880'
(est.)

7-7/8" Hole
to 3998'

Pictured Cliffs @ 4036'

Pictured Cliffs Perforations:
4036' - 4270'

6-1/4" Hole
to 4500'

2-7/8" 6.5#, J-55 Casing set @ 4486'
Cement with 450 sxs (704 cf)

TD 4500'

Schalk 49 #2

Proposed P&A

East Blanco Pictured Cliffs

850' FSL & 1765' FEL, Section 23, T-30-N, R-4-W,

Rio Arriba County, API #30-045-30469

Today's Date: 8/20/04

Spud: 11/21/73

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(est.)

Ojo Alamo @ 3360'

Kirtland @ 3694'

Fruitland @ 3880'
(est.)

Pictured Cliffs @ 4036'

7-7/8" Hole
to 3998'

6-1/4" Hole
to 4500'

TD 4600'

8-5/8" 32# Casing set @ 183'
Cement with 170 sxs (Circulated to Surface)

Perforate @ 233'

Plug #3: 233' – Surface
Type III cement, 70 sxs

Cmt Retainer @ 2100'

Perforate @ 2160'

Plug #2: 2160' – 2050'
Type III cement, 50 sxs
45 outside and 5 inside

TOC @ 2470' (Calc, 75%)

Plug #1: 3986' – 3310'
Type III cement, 22 sxs
(two 11 sxs stages)

Set CIBP @ 3986'

Pictured Cliffs Perforations:
4036' – 4270'

2-7/8" 6.5#, J-55 Casing set @ 4486'
Cement with 450 sxs (704 cf)