

submitted in lieu of Form 3160-5

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

RECEIVED

2003 JUN 18 AM 10:45

070 Farmington, NM

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

1625' FNL and 790' FEL, Section 2, T-30-N, R-5-W,

5. Lease Number
NM-4454
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
8. Well Name & Number
Schalk 54 #2A
9. API Well No.
30-039-22517
10. Field and Pool
Blanco Mesaverde
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 6/12/03

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____

CONDITION OF APPROVAL, if any:

Date JUL 08 2003

NMOCDD

PLUG AND ABANDONMENT PROCEDURE

June 12, 2003

Schalk 54 #2A

Blanco Mesaverde

1625' FNL & 790' FEL Section 2, T30N, R5W

Rio Arriba County, New Mexico, API #30-039-22517

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 II, mixed at 15.6ppg with a yield of 1.18 cf/sx.

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. ND wellhead and NU BOP. Test BOP.
2. PU on tubing and release Baker Model "R" packer at 5406'. TOH, tally and inspect 167 joints 2-3/8" tubing, total 5611', LD packer. If necessary LD tubing and PU workstring.
3. **Plug #1 (Mesaverde perforations and top, 5536' - 5436')**: TIH and set 4-1/2" CR at 5536'. Pressure test tubing to 1000#. Sting out and load casing with water and circulate the well clean. Will not pressure test due to previously determined casing leaks. Mix 20 sxs cement (excess due to casing leaks) and spot a balanced plug inside the casing above the retainer to isolate the Mesaverde perforations. PUH to 3422'.
→ *Chm 4413-4313* *2585*
4. **Plug #2 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 3422' - 2605')**: Mix 75 sxs cement (in two stages, excess due to casing leaks) and spot a balanced plug inside the casing to cover through the Ojo Alamo top. PUH and WOC. TIH and tag cement. Pressure test casing to 500#, if casing does not test, then spot or tag subsequent plugs as appropriate. PUH to 1425'.
5. **Plug #3 (Nacimiento top, ¹⁶¹⁰1425' - ¹⁵¹⁰1325')**: Mix 20 sxs cement (excess due to casing leaks) and spot a balanced plug inside the casing to cover the Nacimiento top. TOH and LD tubing.
6. **Plug #4 (Surface casing, 357' - Surface)**: Perforate squeeze holes at 357'. Establish circulation out the bradenhead valve with water. Mix and pump approximately 110 sxs cement down the 4-1/2" casing to circulate good cement out bradenhead valve. Shut well in and WOC.
7. 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 54 #2A

Current

Blanco Mesaverde

1625' FNL & 790' FEL, Section 2, T-30-N, R-5-W

Rio Arriba County, NM / API #30-039-22517

Today's Date: 6/12/03

Spud: 10/26/80

Completed: 11/10/80

Elevation: 6595' GL

12-1/4" hole

Sqz 30 sxs cement from
1029'-633' (2001)

Sqz 12 sxs cement
from 1092'-934' (2001)

Nacimiento @ 1375'

Isolate casing leak at
2371', Sqz 250 sxs
cement from 2371' -
1037' (1988)

Isolate casing leak at
899' - 2907', Sqz with
total 120 sxs cement
(2001)

Ojo Alamo @ 2655'

Kirtland @ 2860'

Fruitland @ 3190'

Pictured Cliffs @ 3372'

8-5/8" 32#, Casing set @ 307'
Cement with 210 sxs, Circulated

WELL HISTORY

Jan '88: Isolate casing leak from 2371'. Sqz with 250 sxs cement from 2371' to 1037', drill out cement, no pressure test. Set packer at 2585'. RD and MOL. RU swabbing unit, swab well for 4 days, 20 runs recovering total 64 bbls of fluid.

Oct '01: Isolate casing leak from 2907' to 899'. Sqz 2940' to 2676' w/20 sxs, sqz 100 sxs cmt to 754', DO, no pressure test, sqz 30 sxs cmt 1029' to 633', DO, No P/T, sqz 12 sxs cmt 1092' to 934', DO, No P/T, RIH with 167 jts tubing, land at 5611', with Model "R" packer at 5406', SN 5105'. MOL.

2-3/8" Tubing set at 5611'
(167 jts, Packer @ 5406')

TOC @ 3009' (Calc, 75%)

DV Tool @ 4932'
Cement with 575 sxs (914 cf)

TOC @ DV Tool, (Calc, 75%)

4-1/2" Model "R" Packer @ 5406'

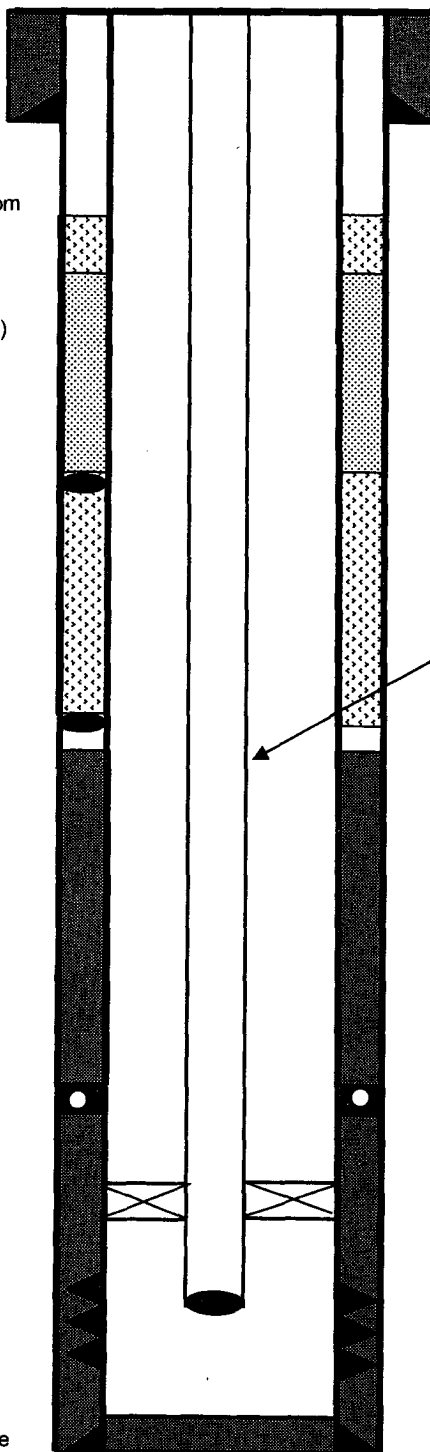
Mesaverde Perforations:
5586' - 5878'

4-1/2" 10.5#, Casing set @ 6050'
Cement with 300 sxs (410 cf)

Mesaverde @ 5584'

7-7/8" Hole

TD 6050'



Schalk 54 #2A

Proposed P&A

Blanco Mesaverde

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Kirtland @ 2860'

Fruitland @ 3190'

Pictured Cliffs @ 3372'

Mesaverde @ 5584'

7-7/8" Hole

TD 6050'

8-5/8" 32#, Casing set @ 307'
Cement with 210 sxs, Circulated

Perforate @ 357'

Plug #4: 357' - Surface
Cement with 110 sxs

Plug #3: 1425' - 1325'
Cement with 20 sxs,
(excess due to casing leak)

Plug #2: 3422' - 2605'
Cement with 75 sxs,
(in two stages, excess due
to casing leaks)

TOC @ 3009' (Calc, 75%)

DV Tool @ 4932'
Cement with 575 sxs (914 cf)

TOC @ DV Tool, (Calc, 75%)

4-1/2" Model "R" Packer @ 5406'

Set CR @ 5536'

Plug #1: 5536' - 5436'
Cement with 20 sxs

Mesaverde Perforations:
5586' - 5878'

4-1/2" 10.5#, Casing set @ 6050'
Cement with 300 sxs (410 cf)