

RECEIVED

submitted in lieu of Form 3160-5

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

MAY 03 2011

Farmington Field Office
Bureau of Land Management

1. Type of Well	5. Lease Number NM-4457
2. Name of Operator John E. Schalk	6. If Indian, All. or Tribe Name
3. Address & Phone No. of Operator P.O. Box 25825, Albuquerque, NM 87125	7. Unit Agreement Name
Location of Well, Footage, Sec., T, R, M 790' FNL & 1615' FWL, Section 12, T-30-N, R-5-W,	8. Well Name & Number Schalk 57 #1
	9. API Well No. 30-039-20599
	10. Field and Pool Basin Dakota
	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

OIL CONS. DIV.

DIST. 3
RCVD MAY 9 '11

13. Describe Proposed or Completed Operations

John E. Schalk proposes to plug and abandon this well per the attached procedure.

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

Signed Jack Evans Title For John E. Schalk Date May 2, 2011
Jack Evans

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____

Date MAY 03 2011

CONDITION OF APPROVAL, if any:

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.

NMCCD 4

PLUG AND ABANDONMENT PROCEDURE

April 29, 2011

Schalk 57 #1

Basin Dakota
790' FNL and 1615' FWL, Section 12, T30N, R5W
Rio Arriba County, New Mexico / API 30-039-20599
Lat: _____ / Lat: _____

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 will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes _____, No X, Unknown _____.
Tubing: Yes _____, No X, Unknown _____, Size _____, Length _____.
Packer: Yes _____, No X, Unknown _____, Type _____.
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.

NOTE: BLM requires a CBL log to be run on all wells where the cement did not circulate to surface or where a T.S. or CBL log was not previously run. This procedure is prepared with the understanding that it may be modified based on the TOC from the CBL.

4. **Plug #1 (Dakota Interval and top of fish at 7565' (8010' - 7500')):** PU and TIH with 4.5" cement retainer, set at 7500'. Pressure test tubing to 1000 PSI. *Pressure test casing to 800 PSI. If casing does not test, then spot or tag subsequent plug as appropriate.* Mix and pump 112 sxs Class B cement, squeeze 100 sxs below CR to isolate the Dakota interval and fish; leave 12 sxs above. TOH with tubing.
5. **Plug #2 (Gallup top, ⁶⁹⁷⁵6592' - ⁶⁵⁷⁵6492')**: Perforate 3 squeeze holes at ⁶⁹⁷⁵6592'. Establish rate into squeeze holes if casing tested. Set 4.5" cement retainer at ⁶⁵⁷⁵6542'. Establish rate into squeeze holes. Mix 51 sxs Class B cement, squeeze 39 sxs outside casing and leave 12 sxs inside to cover the Gallup top. TOH with tubing.
6. **Plug #3 (Mesaverde top, ⁴⁴²¹5625' - ⁴³²¹5525')**: Perforate 3 squeeze holes at ⁴⁴²¹5625'. Establish rate into squeeze holes if casing tested. Set 4.5" cement retainer at ⁴⁴²¹5625'. Establish rate into squeeze holes. Mix 51 sxs Class B cement, squeeze 39 sxs outside casing and leave 12 sxs inside to cover the Mesaverde top. TOH with tubing.
7. **Plug #4 (Pictured Cliffs top, 3442' - 3342')**: Perforate 3 squeeze holes at 3442'. Establish rate into squeeze holes if casing tested. Set 4.5" cement retainer at 3392'. Establish rate into squeeze holes. Mix 51 sxs Class B cement, squeeze 39 sxs outside casing and leave 12 sxs inside to cover the Mesaverde top. TOH with tubing.

3245 2630

- 3195
8. **Plug #5 (Fruitland, Kirtland and Ojo Alamo tops, 3140' – 2755')**: Perforate 3 squeeze holes at 3140'. Establish rate into squeeze holes if casing tested. Set 4.5" cement retainer at 3090'. Establish rate into squeeze holes. Mix 182 sxs Class B cement, squeeze 149 sxs outside casing and leave 33 sxs inside to cover the Fruitland, Kirtland and Ojo Alamo tops. TOH with tubing.
 9. **Plug #6 (Nacimiento top, 1485' – 1385')**: Perforate 3 squeeze holes at 1485'. Establish rate into squeeze holes if casing tested. Set 4.5" cement retainer at 1435'. Establish rate into squeeze holes. Mix 51 sxs Class B cement, squeeze 39 sxs outside casing and leave 12 sxs inside to cover the Nacimiento top. TOH and LD tubing.
 10. **Plug #7 (8-5/8" Surface casing shoe, 384' to Surface)**: Perforate 3 squeeze holes at 384'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 130 sxs Class B cement and pump down 4.5" casing, circulate good cement out casing and annulus. Shut in well and WOC.
 11. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

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: 1 Schalk 57

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 Gallup plug from 6975' – 6875'.
 - b) Place the Mesaverde plug from 4421' – 4321' inside and outside the 4 ½" casing.
 - c) Place the Fruitland/Kirtland/Ojo Alamo from 3245' – 2630' 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.