

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
MAY 22 1996

Sundry Notices and Reports on Wells - MAY 22 3 PM 1:15

075 WASHINGTON, NM

1. Type of Well
GAS

2. Name of Operator
Schalk Development Co.

3. Address & Phone No. of Operator

P.O. 25825, Albuquerque, NM 87125 (505)881-6649

4. Location of Well, Footage, Sec., T, R, M
Sec.3, T-30-N, R-5-W, NMPM
1130' FNL; 1180' FEL

5. Lease Number
NM- 4455
6. If Indian, All. Or Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Schalk 55 #1

9. API Well No.

10. Field and Pool
Basin Dakota

11. County and State
Rio Arriba Co, 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

Propose to plug and abandon this well per the attached procedure.

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OIL CON. DIV.
DIST. 3

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

Signed

Steve Schalk

Title General Manager

Date 4/11/96

(This space for Federal or State Office use)

APPROVED BY

Title

CONDITION OF APPROVAL, if any:

NMOCD

PLUG AND ABANDONMENT PROCEDURE

4-9-96

Schalk 55 #1
Basin Dakota
NE Sec. 3, T30N, R5W
Rio Arriba County, New Mexico

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.

1. Install and test rig anchors. Prepare blow pit. Comply to all NMOCD, BLM and Schalk safety rules and regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line to flow back tank. Blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP. PU on 2-3/8" tubing (7941') and attempt to release Baker Lockset Model "A" Packer at 6242' (54 joints tubing below packer and 200 joints tubing above packer). If able to release packer then POH and tally 2-3/8" tubing and LD packer. If unable to release packer then cut tubing above packer. Visually inspect tubing, if necessary LD 2-3/8" tubing and PU 2" tubing workstring. Run gauge ring to 3300' if unable to recover packer.
3. **Plug #1 (Dakota perforations and top, 8089' - 7890')**: RIH with open ended tubing to 8089' or as deep as possible. Pump 80 bbls water. Mix 30 sxs Class B cement and spot a balanced plug over Dakota perforations and top. POH to 6000' and WOC. RIH and tag cement. POH to 7220'. Load well with water. Attempt to pressure test casing to 500#.
4. **Plug #2 (Gallup top, 7220' - 7120')**: Mix 12 sxs Class B cement and spot a balanced plug inside casing over Gallup top. POH to 5787'.
5. **Plug #3 (Mesaverde top, 5787' - 5687')**: Mix 12 sxs Class B cement and spot a balanced plug inside casing over Mesaverde top. POH with tubing.
6. **Plug #4 (Pictured Cliffs and Fruitland tops, 3393' - 3006')**: Perforate 3 HSC squeeze holes at 3393'. Establish rate into squeeze holes if casing tested. PU 4-1/2" cement retainer and RIH; set at 3300'. Pressure test tubing to 1000#, establish rate into squeeze holes. Mix 183 sxs Class B cement and squeeze 150 sxs cement outside 4-1/2" casing and leave 33 sxs cement inside casing to cover Fruitland top. POH with setting tool.
7. **Plug #5 (Kirtland and Ojo Alamo tops, 2821' - 2520')**: Perforate 3 HSC squeeze holes at 2821'. Establish rate into squeeze holes if casing tested. PU 4-1/2" cement retainer and RIH; set at 2750'. Establish rate into squeeze holes. Mix 143 sxs Class B cement and squeeze 116 sxs cement outside 4-1/2" casing and leave 27 sxs cement inside casing to cover Ojo Alamo top. POH and LD tubing and setting tool.
8. **Plug #6 (Surface)**: Perforate 3 squeeze holes at 363'. Establish circulation out bradenhead valve. Mix and pump approximately 168 sxs Class B cement down 4-1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
10. ND BOP and cut off well head 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.

Schalk 55 #1

Current

Basin Dakota

NE Section 3, T-30-N, R-5-W, Rio Arriba County, NM

Today's Date: 4/9/96

Spud: 1/7/73

Completed: 2/2/73

17" hole

10-3/4" 32.75# J-55 Csg set @ 313'
300 sxs cement (Circulated to Surface)

WORKOVER HISTORY

12/79: Pull 2" tbg; with packer isolate casing leaks at 1200' and 4000'; set packer at 4001'; land tbg at 7947'.

5/93: Pull packer, circulate mud out, csg tight at 4607'; mill out at 4585', 6495', 6526', 6589', 6623', 7072', and at 7120'; set packer @ 6242'.

Nacimiento @ 1156'

Ojo Alamo @ 2570'

Kirtland @ 2771'

Fruitland @ 3056'

Pictured Cliffs @ 3343'

Top of Cmt @ 5600' (CBL)

Mesaverde @ 5737'

254 joints 2-3/8" tbg @ 7947'

Gallup @ 7170'

Baker Lockset Model "A" Pkr @ 6292'

Dakota @ 7940'

Dakota Perforations:
7940' - 8039'

PBTD 8057'

7-7/8" Hole

TD 8070'

4-1/2" 10.5# & 11.6# K-55 set @ 8067'
Cmt w/ 460 sxs

Schalk 55 #1

Proposed P & A

Basin Dakota

NE Section 3, T-30-N, R-5-W, Rio Arriba County, NM

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Completed: 2/2/73

