

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
SCHALK DEVELOPMENT CO.

3. Address and Telephone No.
P.O. Box 25825 / Albuquerque, NM 87125 / (505) 881-6649

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1190' FSL & 890' FEL Section 33, T-32N, R-5W
P

5. Lease Designation and Serial No.
NM 4462

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

SCHALK 62 #1

9. API Well No.

30-039-20592

10. Field and Pool, or Exploratory Area

Basin Wok.

11. County or Parish, State

Rio Arriba County, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well plugged and abandoned on June 25, 1996 per attached report.

RECEIVED
AUG - 5 1996
OIL CON. DIV.
DIST. 3

96 JUL 31 AM 11:30
070 FARMINGTON, NM
RECEIVED
BLM

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

Signed: _____ Title General Manager

Date 7/15/96

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully 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.

*See Instruction on Reverse Side

NMOCD

A - PLUS WELL SERVICE, INC.

P.O. BOX 1979
FARMINGTON, NM 87499
505-325-2627 • FAX: 505-325-1211

Schalk Development Co.
Schalk 62 #1 (Dakota)
1190' FSL, 890' FEL, Sec. 33, T-32-N, R-5-W
Rio Arriba County, NM
NM 4462

June 26, 1996
Page 1 of 2

Plug & Abandonment Report

Cementing Summary:

Plug #1 with retainer at 7240', mix 61 sxs Class B cement, squeeze 51 sxs below retainer into Dakota perforations and leave 10 sxs above retainer to 7108' over Dakota top.

Plug #2 with 12 sxs Class B cement inside casing from 6522' to 6364' to cover Gallup top.

Plug #3 with 13 sxs Class B cement inside casing from 5461' to 5290' to cover Mesaverde top.

Plug #4 with 30 sxs Class B cement inside casing from 3152' to 2756' to cover Fruitland top.

Plug #5 with 21 sxs Class B cement inside casing from 2590' to 2313' over Ojo Alamo interval.

Plug #6 with retainer at 1061', mix 105 sxs Class B cement, squeeze 98 sxs cement below retainer outside 4-1/2" casing from 1129' to 1029' and leave 7 sxs cement above retainer to 969' to cover Nacimiento top.

Plug #7 with 108 sxs Class B cement with 2% CaCl₂, pumped down 4-1/2" casing; squeeze 93 sxs cement outside casing from 357' to 257', displace cement to 140'.

Plug #8 with 48 sxs Class B cement from 50' to surface, circulate good cement out bradenhead.

Plug #8b mix and pump 10 sxs Class B cement, squeeze 3 sxs into bradenhead, pressured up to 700#, shut in bradenhead; squeeze 2 sxs down 4-1/2" casing, pressured up to 1000#.

Plugging Summary:

Notified BLM on 6/11/96

6-11-96 Road rig and equipment to location. RU rig and equipment. Layout relief line to pit. Check well pressures: tubing 0#, casing 110# and bradenhead 140#. Bleed well down. Hacksaw off bolts and ND wellhead. Take jam nuts out of wellhead and cut off with torch. Install packing nuts back in wellhead. NU BOP and test. POH and tally 199 jts and 21' piece 2-3/8" tubing, 6234'. RIH with tubing, bit sub and 3-7/8" bit to 630', well unloaded. Kill well with 30 bbls water. Continue to RIH with tubing to 1014', well unloaded again; kill well with 40 bbls water. RIH with tubing to 1664', well kicked off. Close casing and pump 30 bbls water down tubing; established circulation out bradenhead. Open up casing, well continued to flow. Shut in well. Lock rams. SDFD.

6-12-96 Safety Meeting. Open up well; drilling mud flowing out casing. RIH with tubing and bit; tag bridge plug at 6318'. RU drilling equipment. Drill out bridge plug. Circulate well clean and bleed well down. RD drilling equipment. PU additional tubing and RIH to 7270'. Circulate well clean with 64 bbls water. POH with tubing and bit. Shut in well. SDFD.

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June 26, 1996

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Plug & Abandonment Report

Plugging Summary Continued:

- 6-13-96 Safety Meeting. Check well pressures: casing 180# and tubing 0#. Open up well. Bleed well down to pit, unloading light mud. PU and RIH with 4-1/2" cement retainer to 2143', well unloaded off. Kill well with 22 bbls water. Continue to RIH and set retainer at 7240'. Pressure test tubing to 1000#, held OK. Sting out of retainer. Load casing with 31 bbls water. Attempt to pressure test casing, leak 2 bpm at 300#. Sting into retainer. Establish rate into squeeze holes 1-1/2 bpm at 900#. Plug #1 with retainer at 7240', mix 61 sxs Class B cement, squeeze 51 sxs below retainer into Dakota perforations and leave 10 sxs above retainer to 7108' over Dakota top. POH to 6522'. Plug #2 with 12 sxs Class B cement inside casing from 6522' to 6364' to cover Gallup top. POH to 5461'. Plug #3 with 13 sxs Class B cement inside casing from 5461' to 5290' to cover Mesaverde top. POH to 3152'. Plug #4 with 30 sxs Class B cement inside casing from 3152' to 2756' to cover Fruitland top. POH to 2590'. Plug #5 with 21 sxs Class B cement inside casing from 2590' to 2313' over Ojo Alamo interval. POH to 1061'. Shut in well. SDFD.
- 6-14-96 Safety Meeting. Open up well. Load casing with 6 bbls water. Attempt to pressure test casing, leak 2-1/2 bpm at 500#. POH with tubing and setting tool. Perforate 3 HSC squeeze holes at 1129'. PU and RIH with 4-1/2" cement retainer; set at 1061'. Sting out of retainer. Attempt to pressure test casing, leak 2-1/2 bpm at 150#. Sting into retainer. Establish rate 2 bpm at 250#. Plug #6 with retainer at 1061', mix 105 sxs Class B cement, squeeze 98 sxs cement below retainer outside 4-1/2" casing from 1129' to 1029' and leave 7 sxs cement above retainer to 969' to cover Nacimiento top. POH and LD tubing and setting tool. Perforate 3 HSC squeeze holes at 357'. Establish rate 3 bpm at 200#. Established circulation out bradenhead with 7 bbls water. Plug #7 with 108 sxs Class B cement with 2% Cacl₂, pumped down 4-1/2" casing; squeeze 93 sxs cement outside casing from 357' to 257', displace cement to 140'. Shut in well and WOC. RIH and tag cement at 153'. Perforate 3 HSC squeeze holes at 50'. Establish circulation out bradenhead with 5 bbls water. Plug #8 with 48 sxs Class B cement from 50' to surface, circulate good cement out bradenhead. Shut in well. SDFD.
- 6-17-96 Safety Meeting. ND BOP and cement out of BOP. Observed slight gas flow out bradenhead valve and a few bubbles in the 4-1/2" casing. NU BOP and connect pump line to 4-1/2" casing: after pumping 1/8 bbl water down casing, pressured up to 1500#; bleed off to 250# in 3 min. Then into bradenhead valve: pump 1/8 bbl water down bradenhead, pressured up to 1000#; bled off to 250# in 3 min. Unable to establish circulation or an injection rate. ND BOP. Left well head open. RD rig and equipment and move off location. H. Lujan, BLM, was on location.
- 6-21-96 Observed that gas flows had dissipated. Road cement equipment to location. Plug #8b mix and pump 10 sxs Class B cement, squeeze 3 sxs into bradenhead, pressured up to 700#, shut in bradenhead; squeeze 2 sxs cement down 4-1/2" casing, pressured up to 1000#. Shut in casing and WOC. Wash up. Move cementing off location.
- 6-25-96 Travel to location. No gas. Dig out wellhead. Cut off wellhead. Mix 20 sxs Class B cement and install P&A marker. Move off location.