

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB No. 1004-0135
Expires: January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

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

2. Name of Operator
RIM Southwest Corporation

3a. Address
5 Inverness Drive East, Englewood CO 80112

3b. Phone No. (include area code)
(303) 799-9828

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

(2080' FSL & 330' FWL) sec 1 - Twp 29N - Rge 19W

5. Lease Serial No.
NOG-8707-1145

6. Indian, Allottee, or Tribe Name
Navajo Nation

7. If Unit or CA, Agreement Designation
NM NA

8. Well Name and No.

Navajo #27

9. API Well No.
30-045-20435

10. Field and Pool, or Exploratory Area
Rattlesnake

11. County or Parish, State
San Juan Co., New Mexico

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|--|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Altering Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input checked="" type="checkbox"/> Plug and abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

- 1) RU Service Rig,
- 2) TIH w/ 3 1/2" bit and 2 3/8" tubing to TD.
- 3) TIH w/ CICR & tbg. Set CICR @ 790'. Test casing to 500 psi.
- 4) Sqz. 7.4 sxs Cls "B" cmt. Below retainer and cap w/ 13.73 sxs Cls "B" (150 plug)
- 5) POOH w/ tubing.
- 6) Perforate at 500 ft w/ 4 spf.
- 7) Break Circulation down 4 1/2" casing and up 4 1/2" by 8 5/8" annulus.
- 8) Pump approx. 125.5 sxs. Cls "B" to fill casing and 8 5/8" x 4 1/2" annulus with Cmt. Plug No. 4-500 to surface.
- 9) Cut casing of 3 ft. below grd. Level . Weld steel cap on stub with name of Operator, Well Name, Location, and API .
- 10) Reclaim location.

14. I hereby certify that the foregoing is true and correct.
Name (Printed/ Typed)

Kenneth J. Kundrik

Title

Operations Engineer

Signature

Kenneth J. Kundrik

Date

5/11/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by **Original Signed: Stephen Mason**

Title

Date

MAY 18 2004

Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

NMOCD

WELL: Navajo #27 COUNTY: San Juan API #: 30-045-20435
 FIELD: Rattlesnake STATE: NM SPUD DATE: 11/29/72
 FORMATION: Dakota LOC.:2080 FSL & 330 FWL sec1 T29N R19W
 TD: 814' PBTD: 814' ELEVATION: GL = 5,374', KB = 5,376'

CASING RECORD

SURFACE CASING

| O.D. | WT./FT. | GRADE | THD | TOP | BTM | NO. JTS. | BIT SZ. | SX CMT. | TOP CMT. |
|------|---------|-------|------|---------|-----|----------|---------|---------|----------|
| 7" | 20.0# | | ST&C | Surface | 18 | 1 | | 4 | Surface |

PRODUCTION CASING

| O.D. | WT./FT. | GRADE | THD | TOP | BTM | NO. JTS. | BIT SZ. | SX CMT. | TOP CMT. |
|--------|---------|-------|------|---------|------|----------|---------|---------|----------|
| 4-1/2" | 9.5# | K-55 | LT&C | Surface | 795' | | 6 1/4" | 10 | 720' est |

LINER

| O.D. | WT./FT. | GRADE | THD | TOP | BTM | NO. JTS. | BIT SZ. | SX CMT. | TOP CMT. |
|------|---------|-------|-----|-----|-----|----------|---------|---------|----------|
| | | | | | | | | | |

TUBING

| O.D. | WT./FT. | GRADE | THD | TOP | BTM | NO. JTS. | BIT SZ. |
|------|---------|-------|-----|-----|-----|----------|---------|
| | | | | | | | |

PERFORATION RECORD

| DATE | TOP | BOTTOM | SPF | ZONE | STATUS |
|------|------|--------|-----|------|--------|
| | 795' | 814' | | | OH |
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TREATMENT

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REMARKS

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- Surface Location: 2080' FSL - 330' FWL

MISCELLANEOUS

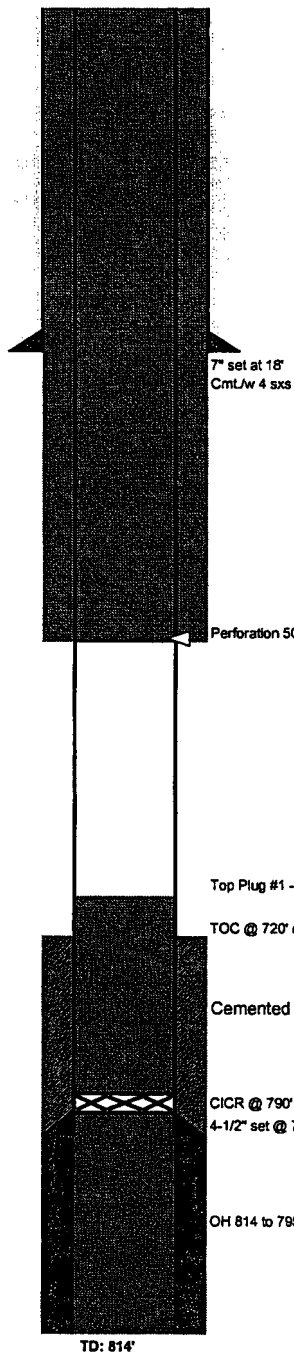
| | |
|-----------|--|
| RIM Wt%: | |
| BHT: | |
| BHP: | |
| EST SITP: | |
| LOGS: | |
| | |
| | |
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| | |

TUBULAR GOODS PERFORMANCE

| Material | Tensile (lbs) | Burst (psi) | Collapse (psi) | ID (in) | Drift (in) |
|----------|------------------|----------------|-------------------|------------|---------------|
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CAPACITIES

| Tubular Cap. | Bbl/ft | Ft3/ft |
|-----------------|---------|---------|
| | | |
| 2 3/8" Tubing | 0.00386 | 0.02170 |
| 4 1/2" Casing | 0.01620 | 0.09120 |
| 6 1/4" OH | 0.0379 | 0.2131 |
| Annular Cap. | Bbl/ft | Ft3/ft |
| | | |
| Tbg x Csg | 0.01080 | 0.06050 |
| Csg x Open Hole | 0.01620 | 0.10260 |



Prepared By: KJK
 Date: 4/15/2004
 Updated:

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| | | | | | | | |

PERFORATION RECORD

| DATE | TOP | BOTTOM | SPF | ZONE | STATUS |
|------|------|--------|-----|------|--------|
| | 795' | 814' | | | OH |
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TREATMENT

TOC @ 720' est.

Cemented w/ 10 sxs

4-1/2" set @ 795'

OH 814 to 795'

REMARKS

- Surface Location: 2080' FSL - 330' FWL

TD: 814'

MISCELLANEOUS

| | |
|-----------|--|
| RIM Wt%: | |
| BHT: | |
| BHP: | |
| EST SITP: | |
| LOGS: | |
| | |
| | |
| | |

CAPACITIES

| Tubular Cap. | Bbl/ft | Ft3/ft |
|-----------------|---------|---------|
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Prepared By: KJK
 Date: 4/15/2004
 Updated: