

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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)

(660' FSL & 1980' FWL) N sec 12 - Twp 29N - Rge 19W

5. Lease Serial No.
NOG-8707-1145
6. If Indian, Allottee, or Tribe Name
Navajo Nation
7. If Unit or CA. Agreement Designation
NA
8. Well Name and No.
Rattlesnake #145
9. API Well No.
30-045-08484
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 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 checked="" 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 Higgins Well Service, March 11, 2004. POOH with tubing 1 jt.
- 2) RU Jet West Wireline Unit. Set CIBP @ 3846'. Pressure test csg to 500 psi, held. Perforate 9 5/8" csg. @ 2800'.
- 3) Cap CIBP @ 3849' w/ 55 sxs (11.5 bbls) Cls "B" (Yield 1:1.18) Plug No. 1 3846' to 3695'.
- 4) POOH laying down stand back 2800 ft. 2 7/8".
- 5) RU Jet West Wireline Unit. Set Cmt. Ret. @ 2759'.
- 6) Sqz 65 sxs. Below retainer and cap with 43 sxs. Cmt. Plug 2 2759' to 2641'.
- 7) POOH with Tbg.. RU Jet West Wireline Unit perforate 2041'.
- 8) RIH w/ Tubing to 2041'. Spot 108 sxs. Cls "B" cmt. POOH w/ tubing to 350 ft.
- 9) Sqz 65 sxs. To formation 43 sxs. Remaining in casing no flow back.
- 10) Tag Plug #3 1900 ft. (2041 to 1900 ft.), Perforate 9 5/8" csg. @ 348'.
- 11) Spot Plug #4 55 sxs plug (11.5 bbls) from 780 ft. to 629'
- 12) Cement down 9 5/8" csg. To 348' and up 13 3/8" x 9 5/8" csg. Annulus until good cement at surface. pumped 275 sxs.
- 13) Cut off casing and cleaned up location. Will erect Dry Hole Marked when finished P & A work.
- 14) Surface restoration not required as per surface lease agreeemnt with Navajo Nation see attached.

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

3/30/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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)

NMOC

PR 06 2004

MINING FIELD OFFICE

Rattlesnake #145

Current

Water Source Well

SW, Section 12, T-29-N, R-19-W, San Juan County, NM

Lat: N 36.735953° / Long: W 108.802255°

Today's Date: 3/30/2004

Spud: 6/1/93

Comp: 8/05/62

Elevation: 5297' GL

5285' KB

17 12" Hole

Dakota @ 730'

Plug #3: 2041' - 1900'

108 sxs. Cls "B" Cmt.

Tagged w/ wireline

Perforate 2041'

Chinle @ 2750'

DeChelly @ 3896'

Organ Rock @ 4123'

12 14" Hole

Hermosa @ 5490'

Penn.- Paradox @ 6300'

8 34" Hole

6 34" Hole to TD

TD 6780'

13 36" 48#, H 40 Casing set @ 298'
325 sxs cement (Circulated to Surface)

Perforate 348' Plug #5: 348' to surface
275 sxs Cls "B"
TOC at 629' (Calc. 75%)

DV Tool @ 997'
Cmt with 130 sxs (153 cf)

Plug #4: 780' - 680'

55 sxs. Cls "B"

Plug #2: 2800 - 2705' outside,
2800' - 2641' inside
65 sxs below retainer & 43
sxs. above Cls "B" Cmt.

Set Cmt. Retainer @ 2759'

Perforate 2800'

TOC @ 3227' (Calc. 75%)

Set CIBP @ 3846' Plug #1 3846' - 3695'
55 sxs. Cls "B"

DeChelly Perforations:
3896- 3966'

Model D packer at 4011'

Organ Rock Perforations:
4194 - 4320' (Squeezed with 200 sxs, 1965)

TOC @ Liner Top at 4284' (Calc. 75%)

CIBP @ 4400' (1963)

9 58" 36&40#, J 55 Casing @ 4535'
Cemented with 475 sxs (546 cf)

Upper Desert Creek Perfs: 6398 - 6408'

Desert Creek Perfs: 6412 - 6420'

CIBP @ 6440' (1962)

Hogback Perfs: 6450 - 6466'

7" 23&26#, N 80 Liner 6598' to 4284'
Cemented with 400 sxs (504 cf)

4 12" 11.6#, J 55 Slotted Liner 6780' to 6519'
Not Cemented



THE NAVAJO NATION

PETER MacDONALD, CHAIRMAN
THE NAVAJO TRIBAL COUNCIL
JOHNNY R. THOMPSON, VICE CHAIRMAN
THE NAVAJO TRIBAL COUNCIL

October 26, 1988

HAND DELIVERED

Marshall C. Watson
V.P. & General Manager
Chuska Energy Company
P.O. Box 2118
Farmington, New Mexico 87499

RE: Monument Valley Acreage Substitution

Dear Mr. Watson:

I am writing to confirm the understanding of the parties at our meeting of October 17, 1988 held at the Minerals Department Conference Room in Window Rock.

At our meeting, Akhtar Zaman, Director of the Minerals Department, was presented a draft letter with exhibits attached. Exhibit "A" describes 3,645 acres located near Monument Valley that were previously selected in Exhibit "A" of the 1987 Operating Agreement. Exhibit "B" identifies 3,640 acres which Chuska proposes to substitute for the Exhibit "A" acreage. Chuska has requested this substitution because any proposed mineral development in the Monument Valley area will be subject to extensive environmental review.

As I stated at the meeting, in my opinion there is no reason to conclude that mineral development near Monument Valley will be absolutely prohibited. Therefore, a "prior condition" does not exist with respect to this acreage.

¹ This acreage is identical to the lands described in Exhibit "A" of Chuska's May 26 and July 21, 1988 acreage reallocation requests.

² We were unaware at our meeting that this Exhibit "B" was not identical to either Exhibit "B" previously submitted on May 26 or July 21, 1988.

Marshall C. Watson, V.P. & General Manager
October 26, 1988
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However, the Navajo Nation is anxious to see some development result from the operating agreement and to work cooperatively with the operator for the mutual benefit of the parties. In this spirit, we are willing to accept the acreage reallocation subject to the following understanding:

1. Chuska will immediately designate, pursuant to Section 5 of the Operating Agreement, the lands located at T.29N, R.19W (Rattlesnake, New Mexico) and T.40N, R.29E (Black Rock, Arizona) 670 and 40 acres, respectively. Chuska will assume responsibility for plugging the existing abandoned wells at Rattlesnake which are located on Chuska's designated acreage. Chuska's responsibility in this instance shall be solely to plug said wells and shall not include any associated rehabilitation, including land or otherwise, unless Chuska selects such lands for their operations. If such operations occur at any abandoned site, Chuska will be responsible for all rehabilitation as required in the operating agreement.

2. Within six months, Chuska will designate or relinquish the following lands:

New Mexico

T.25N, R.19W	(Beautiful Mountain, 320 acres)
T.26N, R.19W	(Beautiful Mountain, 240 acres)
T.27N, R.17W	(Table Mesa, 450 acres)
T.32N, R.19W	(Canal Creek, 80 acres)
T.32N, R.20W	(Canal Creek, 40 acres)

Arizona

T.41N, R.25E	(Walker Creek, 40 acres)
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Utah

T.40S, R.21E	("Connecting acreage," 303 acres) ¹
T.41S, R.21E	("Connecting acreage," 600 acres)
T.42S, R.24E	("Isolated," 240 acres)

3. The remainder of the acreage will be designated or relinquished on or before the date the final designation is

¹ These lands are located south of the meander of the San Juan River. Chuska's description identifies 240 acres in section 33 and 40 acres in section 34. Our information shows 65 acres in section 33 and 238 acres in section 34. This acreage needs to be verified.

Marshall C. Watson, V.P. & General Manager
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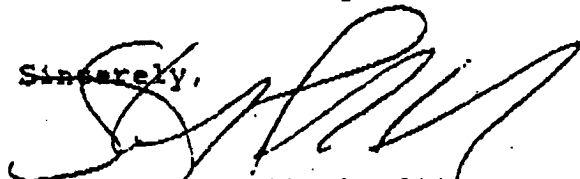
Required pursuant to the Operating Agreement. These remaining lands in Utah lie in T.40S, R.21E (480 acres) and T.41S, R.25E (160 acres).

These terms represent minor modifications to the operating agreement, since substitution is made without a "prior condition."

If these terms are acceptable, please sign at the acknowledgement section below.

If you have any questions concerning this memorandum, please do not hesitate to contact me. Thank you for your anticipated cooperation.

Sincerely,



Stanley M. Pollack, Attorney
Natural Resources
Department of Justice
P.O. Drawer 2010
Window Rock, Arizona 86515
(602) 871-6931

ACKNOWLEDGED:



Marshall C. Watson
Vice President & General Manager
Chuska Energy Company

SMP:phm
cc: Akhtar Zaman, Director
Minerals Department

EXHIBIT "B"

Designated acreage in the Rattlesnake Field (Drilling Block No. 1) and the Black Rock Field (Drilling Block No. 3).

Drilling Block No. 1 (total 670 acres)
Township 29 North, Range 19 West, San Juan County, New Mexico

<u>Section</u>	<u>Description</u>
01	W/2 SW/4, SW/4 NW/4, SW/4 NW/4 NW/4
02	E/2 SE/4, E/2 W/2 SE/4, S/2 NE/4, S/2 N/2 NE/4, NW/4 NW/4 NE/4
12	NW/4, E/2 SW/4, NE/4 NW/4 SW/4, W/2 W/2 SE/4

Drilling Block No. 3 (total 215 acres)
Township 40 North, Range 29 East, Apache County, Arizona

<u>Section</u>	<u>Description</u>
06	SW/4 SW/4
07	W/2 W/2 W/2 W/2 NW/4, W/2 W/2 W/2 W/2 N/2 SW/4, S/2 S/2

TOTAL ACREAGE DESIGNATED: 885 ACRES