

Form 3160-4
(August 1999)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-5 (FWS) for such proposals.

FORM APPROVED
OFR No. 3804-013
Expires November 30, 2000

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

N.M. OPERATING CO.

3a. Address

15 E. 5TH STE 3000, TULSA, OK

3b. Phone No. (include area code)

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

850' FWL X 1040' FWL

SEC 01, TWP 24N, RGE 2W

5. Lease Serial No.

NM 43746

6. If Indian, Allotment or Tribal Name

7. If Land or C/A Agreement, Name and/or No.

NM 98092

8. Well Name and No.

FEDERAL INVADER #1

9. API Well No.

30-039-23976

10. Field and Pool, or Exploratory Well

BLANCO MESA VERDE

11. County or Parish, State

RIO ARriba, N.M.

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

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Acidize ☐ Deepen ☐ Production (Start/Restart) ☒ Water Shut-Off
☐ Alter Casing ☐ Fracture Treat ☐ Reclamation ☐ Well Integrity
☐ Casing Repair ☐ New Construction ☐ Resample ☐ Other
☐ Change Plans ☐ Plug and Abandon ☐ Temporarily Abandon
☐ Convert to Injection ☐ Plug Back ☐ 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 proposed work is to be completed in stages, give approximate locations and measured and true vertical depths of all pertinent workings and zones. Attach the Board under which the work will be performed or provide the Board No. on file with BLM/BLM. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or re-completion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

SET RBP @ 3600' SPOT 50 SX. CLASS A CMT OF
3 1/2% HALAD-9 + 2% CaCl₂, SET RTTS & SQUEEZE 8 BBLs INTO PERFS.

W.O.C. 72 HRS.

DRILL CMT. FROM 3317' TO 3433'. TEST SQUEEZE OF FRUITLAND

PERFS TO 500 PSI, 15 MIN, TEST OK.

RETRIEVE RBP, TIE & LAND 2 7/8" TUBING @ 5600' TOP OF

MESA VERDE PERFS.

JOB BEGAN 11/06/02, COMPLETED 11/13/02

AFMSS

Adjud	Amy
Engr	
Genl	
Surf	
Appvl	

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

Signature

JOE HILL
Joe Hill

Title

Engineer

Date

11/14/02

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Lands and Mineral Resources

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

Date

11/25/02

Title 18 U.S.C. Section 1001 and Title 18 U.S.C. Section 1212, make 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 or to any matter within its jurisdiction.

Need Original

**FEDERAL INVADER #1
DAILY WORKOVER REPORT**

DAY 1: 11/6/02

**MIRU ROADRUNNER WELL SERVICE. BLEED WELL DOWN AND
INSTALL BOP. UNSEAT G-6 PACKER & START OUT OF HOLE. WELL
KICKING INTERMITTENTLY, UNABLE TO COMPLETE TRIP OUT.
PULLED 38 STANDS & SDFN. WILL SET TUBING PLUG @ SN
TOMORROW AM.
EST DAILY \$= 3450**

DAY 2: 11/07/02

**WELL DEAD THIS AM, TOH W/ G-6 PKR., BTM SLIP RETAINER
RING BROKEN. TIH W/ RBP & SET @ 3600 FT., SPOT 2 SX SAND ON
TOP. PULL TAIL PIPE TO 3434 FT., MIX & SPOT 50 SX. CLASS A CMT,
W/ 2% CACL, PULL 10 STANDS, SET RTTS PKR. SQUEEZE 8 BBLs.
PSI 125 TO 575, BREAKING BACK AND INCREASING THROUGHOUT.
ISIP 325, 5 MIN 125, TOH W/ RTTS. SD FOR WKND.
EST DAILY \$= 10850**

DAY 3: 11/11/02

**RU PUMP & PIT, W/O DRILL COLLARS 2 HRS. PU BIT, SCRAPER & 6
DC'S. TIH TO 3317 FT., TAG CMT. EST CIRC. & DRILL CMT TO +/-
3392 FT. SDFN. (6' SNOW AND ROADS VERY MUDDY)
EST. DAILY \$= 7150**

DAY 4: 11/12/02

**THAW PUMPS & BOP, DRILL CMT TO 3433 FT., CIRC OUT GAS
BUBBLE. TOH & LAY DOWN BHA. PU OVERSHOT & TIH TO TOP OF
RBP. TEST SQUEEZE JOB TO 500 PSI 15 MIN. TEST OK. CIRC SAND
OFF RBP. LATCH RBP & UNSEAT. WELL KICKED
STRONGLY. CIRCULATE OUT GAS.
SDFN.
EST DAILY \$= 5600**

DAY 5: 11/13/02

**0700 AM- CASING DEAD, TUBING BLEW DOWN IN 10 MIN. TOH W/
RBP. PU SEATING NIPPLE & TIH W/ 2.875" TUBING TO +/- 5600 FT.
LAND TUBING & SECURE WELL HEAD. RIG RELEASED.
EST. DAILY \$= 4700**