

Form 3160-5
(August 1992)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-6 (APR) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

NMA #0 OPERATING Co.

3a. Address

15 E. 5TH STE 3000 TULSA, OK

4. Location of Well (Postage, Sec., T., R., N., or Survey Description)

SEC. 35, 25N, 2W

1835' FSL X 1690 FWL

Phone No. (Include area code)
918-584-3802Form Approved
GSA No. 2590-023
Expire Date 10, 2000

5. Lease Serial No.

FEE

6. If Indian, Allotment or Tribal Name

7. If Land or CAG Agreement, Name and No.

NMA-0090
(NMA 76369)

8. Well Name and No.

HAWK FEDERAL #3

9. API Well No.

30-039-23473

10. Field and Pool, or Reservoir Name

GAVILAN MANCOS

11. County or Parish, State

RIO ARRIBA

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Addition	☐ Deepen	☐ Production (Start/Resum.)	☐ Water Shut-Off
☐ Subsequent Report	☐ After Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☒ Resumption	☐ 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 proposal is to deepen, significantly or completely substantially, give subsection location and measured and true vertical depths of all pertinent sections and zones. Attach the final meter which the work will be performed or provide the Serial 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 recompleting in a new interval, a Form 3160-6 shall be filed once determined that the site is ready for final inspection.)

PLUG BACK TO MESA VERDE:

SET CIBP @ ± 6650', SPOT CMT. PLUG FROM 6650' TO 6500' (150')

PERF: 5101-5103, 5113-5120, 5136'-5146', 5400'-5406', 5610'-5616'

3 1/8" CASING GUN W/ 2 JSF.

FRAC W/ SLICK WATER, USING 55,000# SAND.

PLACE ON PRODUCTION.

EST. START DATE: JAN. 15, 2003

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

JOE HILL

Title: ENGINEER

Signature

Joe Hill

Date: JAN. 02, 2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Lands

and Mineral Resources

Date

1/3/03

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 lands rights in the subject lands which would entitle the applicant to conduct operations thereon.

Title 43 U.S.C. Section 1005 and Title 43 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 as to any matter within its jurisdiction.

* Mesa Verde will require a communitization Agreement.

Hawk Federal #3
Sec 35-25N-2W
Rio Arriba Co., New Mexico
1835' FSL X 1690' FSL
API # 30-039-23473
UNIT: NMA-0090 (NM 76369)

Workover Procedure

Objective: Plug back to isolate old Dakota zone. Complete Mesa Verde with stimulation and place on production.

1. MIRU COMPLETION UNIT, INSTALL BOP, PULL TUBING & DOWN HOLE EQUIPMENT.
2. RU WIRELINE EQUIPMENT, RUN GAUGE RING, RUN & SET CIBP @ 6650 FT.
3. TIH W/ TUBING & SPOT 150 CEMENT PLUG FROM 6650 FT. TO 6500 FT.
4. TOH W/ TUBING & RU TO PERFORATE.
5. PERFORATE MESA VERDE SECTIONS AS FOLLOWS:
5101' - 5103', 5113' - 5120', 5136' - 5146', 5400' - 5406', 5610' - 5616'
USING 3 1/8" CASING GUNS LOADED 2 JSPP.
6. RD & RELEASE WIRELINE EQUIPMENT.
7. RU HALLIBURTON STIMULATION EQUIPMENT TO FRAC AS PER HALLIBURTON RECOMMENDATION.
8. RD & RELEASE HALLIBURTON. WAIT ON FRAC TO CLOSE OVER NIGHT.
9. FLOW BACK TO TANK & RUN TUBING W/ SEATING NIPPLE TO 5100'.
10. LAND TUBING & NIPPLE UP WELL HEAD.
11. RELEASE COMPLETION UNIT.
12. MI SWABBING UNIT AND SWAB BACK FRAC LOAD AS REQUIRED.