

N.M. OIL CONS. COMMISSION
P.O. BOX 1980
HOBBS, NEW MEXICO 88240

Form 3160-5
(June 1990)

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
Mitchell Energy Corporation

3. Address and Telephone No.
P.O. Box 4000, The Woodlands, Texas 77387-4000 (713)377-5855

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**2,275' FSL and 960' FWL (NW/SW)
Sec. 31, T19S, R33E**

5. Lease Designation and Serial No.

NM 67111

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Geronimo Federal #9

9. API Well No.

30-025-32133

10. Field and Pool, or Exploratory Area

Geronimo (Delaware)

11. County or Parish, State

Lea County, NM

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

TYPE OF SUBMISSION

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

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Hydrogen Sulfide
Contingency Plan**
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ 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.)

Attached you will find a Hydrogen Sulfide Drilling Operations Plan for the subject well.

RECEIVED
AUG 12 2 03 PM '93
AREA

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

Signed George Mullen

Title **George Mullen**
Reg. Affairs Specialist

Date **08-11-93**

(This space for Federal or State office use)

Approved by **(ORIG. SGD.) JOE G. LARA**

Title **Area Engineer**

Date **AUG 26 1993**

Conditions of approval, if any:

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

GENERAL INSTRUCTIONS

Instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special in-

6661 1 0 114

SPECIFIC INSTRUCTIONS

Item 4—If there are no applicable State requirements on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 3—Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160.

PRINCIPAL PURPOSE — The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease.

ROUTINE USES:

(1) Evaluate the equipment and procedures used during the proposed or completed subsequent well operations.

(2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2).

(3) Analyze future applications to drill or modify operations in light of data obtained and methods used.

(4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations, or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION — Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that: This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized. Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3160.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 25 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, (Alternate) Bureau Clearance Officer, (WO-771), 18 and C Streets, N.W., Washington, D.C. 20240, and the Office of Management and Budget, Paperwork Reduction Project (1004-0135), Washington, D.C. 20503.

EXHIBIT #7

Hydrogen Sulfide Drilling Operations Plan

Geronimo Federal No. 9
Section 31, T19S, R33E
Lea County, New Mexico

I. HYDROGEN SULFIDE TRAINING

All personnel, whether regularly assigned or contracted, will receive training from a qualified instructor prior to penetrating the first zone containing or reasonably expected to contain H₂S in this well in the following areas:

1. The hazards and characteristics of hydrogen sulfide (H₂S).
2. The proper use and maintenance of personal protective equipment and life support systems.
3. The proper use of H₂S detectors, alarms, warning systems, briefing areas, evacuation procedures, and prevailing winds.
4. The proper techniques for first-aid and rescue procedures.

In addition, supervisory personnel will be trained in the following areas:

1. The effects of H₂S on metal components. If high tensile tubulars are to be used, personnel will be trained in their special maintenance requirements.
2. Corrective action and shut-in procedures when drilling, including blowout prevention and well control procedures.
3. The contents and requirements of the H₂S Drilling Operations Plan and the Public Protection Plan.

There will be an initial training session prior to encountering a known or probable H₂S zone (within one day or 500 feet) and weekly H₂S and well control drills for all personnel in each crew. The initial training session will include a review of the site specific H₂S Drilling Operations Plan and the Public Protection Plan. This plan will be available at the well site. All personnel will be required to carry documentation that they have received the proper training.

RECEIVED

JUL 1 1993

LIBRARY

II. H₂S SAFETY EQUIPMENT AND SYSTEMS

All H₂S safety equipment and systems will be installed, tested, and operational when drilling reaches a depth of 500 feet above, or one day prior to penetrating the first zone containing or reasonably expected to contain H₂S.

1. Well control equipment:

- A. Flare line with continuous pilot.
- B. Choke manifold with a minimum of one remote choke.
- C. Blind rams and pipe rams to accommodate DP size in use with properly sized accumulator and closing unit.
- D. Auxiliary equipment to include: annular preventer, mud-gas separator, degasser and flare gun with flares.

2. Protective equipment for essential personnel:

Thirty-minute Mark II AirPack units to be located in the rig dog house and at briefing areas (as indicated on attached well-site diagram).

3. H₂S detection and monitoring equipment:

- A. One portable H₂S monitor located at shale shaker and one H₂S monitor attached to mudlogging trailer located at bell nipple (as indicated on attached well-site diagram). These units to be equipped with warning lights and audible sirens indicating H₂S concentrations over 20 ppm.
- B. One portable SO₂ monitor positioned near flare line.

4. Visual warning systems:

- A. Wind direction indicators (as indicated on attached well-site diagram).
- B. Caution/Danger signs will be posted on roads providing direct access to location. Signs will be painted a high visibility yellow with black lettering of sufficient size to be readable at a reasonable distance from the immediate location.

RECEIVED

SEP 01 1993

U.S. HOUSE OF
REPRESENTATIVES

5. Mud program:

The mud program has been designed to minimize the volume of H_2S circulated to the surface. Proper mud weight, electronic PVT mud monitoring equipment, visual pit monitoring and safe drilling practices will be used when penetrating H_2S -bearing zones. H_2S scavengers will be used to pretreat mud where concentrations over 50 ppm H_2S are expected.

6. Metallurgy and seals:

- A. All drill pipe, casing, tubing, wellhead equipment, blowout preventers, drilling spool, kill lines, choke manifold and lines, and valves will be suitable for H_2S concentrations expected in this well.
- B. All elastomers used for packing and seals will be suitable for H_2S concentrations expected in this well.

7. Communication:

- A. Two-way radio/telephone communications in company vehicles, drilling rig dog house, and drilling supervisor's trailer.
- B. Land line (telephone) communications at nearest field office.

III. DRILL STEM TESTING

No drill stem testing will be conducted in zones suspected of containing H_2S .

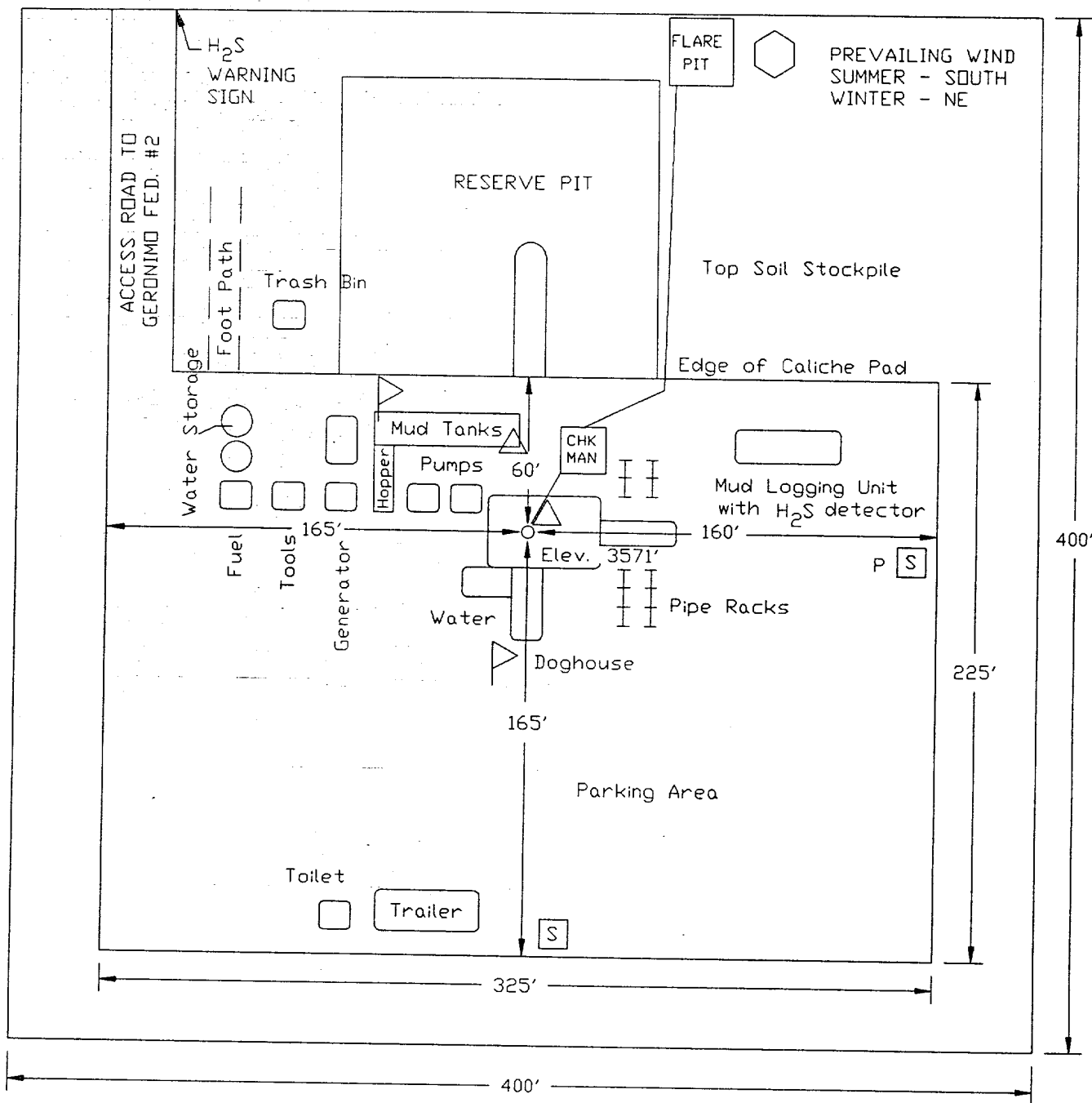
IV. TERMINATION OF H_2S DRILLING PLAN

All H_2S training and use of safety equipment will be discontinued after the last zone containing or reasonably expected to contain H_2S has been successfully drilled through and casing has been cemented through, effectively isolating that zone(s) from the remainder of the drilling operation.

RECEIVED

1993

1993



-  H₂S MONITORS
-  WIND DIRECTION INDICATORS
-  SAFE BRIEFING AREAS
(BREATHING EQUIPMENT LOCATED HERE,
MIN 150' FROM WH, P DESIGNATES
PRIMARY AREA.)
-  SO₂ MONITOR



MITCHELL ENERGY CORPORATION

**H₂S SAFETY EQUIPMENT
DRILLING RIG LAYOUT AND ELEVATIONS
GERONIMO FED. #9**

LEA COUNTY, NEW MEXICO

SCALE: 1"=60'
DATE: 7-13-93

EXHIBIT 7A