

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 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

Santa Fe Energy Resources, Inc.

3. Address and Telephone No.

550 W. Texas, Suite 1330, Midland, TX 79701 (505) 887-0821

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

(B) 660' FNL & 1980 FWL S7 T24S R32E

N.M. Oil Cons. Division

P.O. Box 1980

Hobbs, NM 88241

FORM APPROVED

Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

NM-68084

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Mesa Verde 7 Fed #1

9. API Well No.

30-025-32398

10. Field and Pool, or exploratory Area

Mesa Verde Delaware

11. County or Parish, State

Lea 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
☐ 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.)

1. This well produces water from Bone Spring formation
2. This well produces 65 bbls/day of water.
3. A current water analysis is attached.
4. Water is stored on lease in a 500 bbl fiberglass tank.
5. Water is moved to disposal site by transfer pump through pipeline.
6. Disposal facility: (A) Harvard Petroleum
(B) James Fed #1
(C) SWD
(D) 810' FSL & 1830' FEL UNIT 0 S29 T23S R32E
7. Copy of Underground injection Control Permit is attached.
8. Submitted in triplicate, Original and 2 copies.

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BUREAU OF LAND MGMT
HOBBS, NM

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

Signed

Armando A. Lopez

Title Area Superintendent

Date August 5, 1996

(This space for Federal or State office use)

(ORIG. SGD.) ARMANDO A. LOPEZ

Approved by

Title

PETROLEUM ENGINEER

Date

10/4/96

Conditions of approval, if any:

SEE ATTACHED ON
CONDITIONS OF APPROVAL

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.

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ATTACHMENT to Incident of Noncompliance number

PAH-002-96

The following information is needed before your disposal of produced water can be approved, Onshore Oil & Gas Order # 7.

- 1.- Name(s) of all formation(s) producing water on the lease.
ZONE SPRINGS
- 2.- Amount of water produced from all formations in barrels per day.
25 bbl
- 3.- A CURRENT water analysis of produced water from all zones showing at least the total dissolved solids, ph, and the concentrations of chlorides and sulfates. *SEE ATTACHED*
- 4.- How water is stored on the lease. *25 bbl tank*
- ✓ 5.- How water is moved to the disposal facility. *TRANSFER Pump*
- 6.- Identify the Disposal Facility by :
 - A.- Operators name. *HARRIS PET CORP*
 - B.- Well name. *LAUREL*
 - C.- Well type and well number. (SWDW) (WIW) *LAUREL WATERCLOSING*
 - D.- Location by 1/4 1/4, section, township, & range.
S10 E2L, 1830' FEL UNIT-0 SEC 29 T-25S R-32E
- 7.- A copy of the Underground Injection Control Permit - issued for the injection well by the Environmental Protection Agency or New Mexico Oil Conservation Division where the State has achieved primacy. *SEE ATTACHED*

Submit all the above required information, to this office, on a Sundry Notice form 3160-5 in triplicate within the required time frame.

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STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING
GOVERNORANITA LOCKWOOD
CABINET SECRETARYPOST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-6800**AMENDED ADMINISTRATIVE ORDER SWD-486****APPLICATION OF HARVARD PETROLEUM CORPORATION FOR SALT WATER DISPOSAL, LEA COUNTY, NEW MEXICO.****ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION**

Under the provisions of Rule 701(B), Harvard Petroleum Corporation made application to the New Mexico Oil Conservation Division on July 28, 1994, for permission to complete for salt water disposal its James Federal Well No. 1 located 810 feet from the South line and 1830 feet from the East line (Unit O) of Section 29, Township 23 South, Range 32 East, NMPM, Lea County, New Mexico.

THE DIVISION DIRECTOR FINDS THAT:

- (1) The application has been duly filed under the provisions of Rule 701(B) of Division Rules and Regulations;
- (2) Satisfactory information has been provided that all offset operators and surface owners have been duly notified;
- (3) The applicant has presented satisfactory evidence that all requirements prescribed in Rule 701 will be met; and
- (4) No objections have been received within the waiting period prescribed by said rule.

IT IS THEREFORE ORDERED THAT:

The applicant herein, Harvard Petroleum Corporation is hereby authorized to complete its James Federal Well No. 1 located 810 feet from the South line and 1830 feet from the East line (Unit O) of Section 29, Township 23 South, Range 32 East, NMPM, Lea County, New Mexico, in such manner as to permit the injection of salt water for disposal purposes into the Bell Canyon (Delaware) formation at approximately 4844 feet to 6160 feet through 2 3/8-inch plastic-lined tubing set in a packer located at approximately 4800 feet.

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BELL CANYON (DELAWARE) FORMATION
HARVARD PETROLEUM CORPORATION

*Amended Administrative Order SWD-486
Harvard Petroleum Company
August 25, 1994
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IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

Prior to commencing injection operations into the well, the casing shall be pressure tested from the surface to the packer setting depth to assure the integrity of said casing.

The casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing, or packer.

The injection well or system shall be equipped with a pressure limiting device which will limit the wellhead pressure on the injection well to no more than 969 psi.

The Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the injected fluid from the Bell Canyon (Delaware) formation. Such proper showing shall consist of a valid step-rate test run in accordance with and acceptable to this office.

The operator shall notify the supervisor of the Hobbs district office of the Division of the date and time of the installation of disposal equipment and of the mechanical integrity test so that the same may be inspected and witnessed.

The operator shall immediately notify the supervisor of the Hobbs district office of the Division of the failure of the tubing, casing, or packer in said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

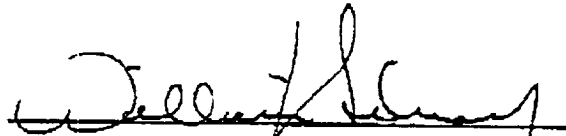
PROVIDED FURTHER THAT, jurisdiction of this cause is hereby retained by the Division for the entry of such further order or orders as may be deemed necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of the operator to conduct operations in a manner which will ensure the protection of fresh water or in a manner inconsistent with the requirements set forth in this order, the Division may, after notice and hearing, terminate the injection authority granted herein.

The operator shall submit monthly reports of the disposal operations in accordance with Rule Nos. 706 and 1120 of the Division Rules and Regulations.

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The injection authority granted herein shall terminate one year after the effective date of this order if the operator has not commenced injection operations into the subject well, provided however, the Division, upon written request by the operator, may grant an extension thereof for good cause shown.

Approved at Santa Fe, New Mexico, on this 25th day of August, 1994.


WILLIAM J. LEMAY, Director

WJL/BES/amg

xc: Oil Conservation Division - Hobbs
US Bureau of Land Management - Carlsbad

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