

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Conservation Division
1625 N. French Dr.
Hobbs, NM 88240

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

Santa Fe Snyder Corporation

3. Address and Telephone No.

P.O. Box 2327 Carlsbad, N.M. 88221, 505-887-0821

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

Sec. 15, T-17-S, R-32-E 1310' FNL, 1310' FEL

5. Lease Designation and Serial No.

NM0315712

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Maljamar 15 Fed # 1

9. API Well No.

30-025-34549

10. Field and Pool, or exploratory Area

Baish Wolfcamp
Maljamar (Devonian)

11. County or Parish, State

Lea County, NM

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

☐

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.)

Santa Fe Snyder Corp. requests permission to truck water to following SWD.

Primary disposal: Tennessee Fed SWD, Sec 21, T19S, R31E. Operated by Steve Carter, NMOCD# R-3173

Alternate disposal: Arco State #2 SWD, Sec 16, T18S, R35E. Operated by Maralo, NMOCD# R-312.

Well is producing 4.1 bbls of water per day.

Producing from Lower Wolfcamp formation.

Water is stored on lease in 1- 500 bbl tank.

Water analysis attached.

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

Signed

Mike Ables
Mike Ables

Title

Area Superintendent

Date

February 29, 2000

(This space for Federal or State office use)

(ORIG. SGD.) ALEXIS C. SWOBODA

Approved by

Title

PETROLEUM ENGINEER

Date

MAR 1 2000

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

GWW

Maljamar 15 Fed # 1 water disposal.xls

RECEIVED
20 MAR -6 A 7:01

Water Production & disposal Information

In order to process your disposal request, the following information must be completed:

1. Name of formations producing water on the lease. Basin North + Lower Wolfcamp
2. Amount of water produced from all formations in barrels per day. 4.1 bbls. / day
3. Attach 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. (one sample will suffice if the water is commingled)
4. How water is stored on the lease. in fiberglass tank (500 bbl.)
5. How water is moved to the disposal facility. Trucked
6. Identify the Disposal Facility by :
 - A. Facility operators name. Ray Westall
 - B. Name of facility or well name & number. Steve Carter Inc., Tennessee SWD
 - C. Type of facility or well (WDW) (WIW) etc. WDW
 - D. Location by 1/4 1/4 NE1/4SE section 21 township 19-S range 31E
7. Attach a copy of the State issued permit for the Disposal Facility.

Submit to this office, 414 West Taylor, Hobbs, NM 88240, the above required information on a Sundry Notice 3160-5. Submit 1 original and 5 copies, within the required time frame. (This form may be used as an attachment to the Sundry Notice.) Call me at 505-393-3612 if you need to further discuss this matter.

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Case No. 8730

Order No. R-8173

(5) Prior to commencing injection operations, the casing in the subject well should be pressure-tested throughout the interval from the surface down to the proposed packer setting depth, to assure the integrity of such casing.

(6) The injection well or system should be equipped with a pressure limiting switch or other acceptable device which will limit the wellhead pressure on the injection well to no more than 485 psi.

(7) The Director of the Division should be authorized to administratively approve an increase in the injection pressure upon a proper showing by the operator that such higher pressure will not result in migration of the injected waters from the Seven Rivers formation.

(8) The operator should give advance notification to the supervisor of the Artesia district office of the Division of the date and time of the installation of disposal equipment and of the mechanical integrity pressure test in order that the same may be witnessed.

(9) The operator should 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.

(10) Approval of the subject application will prevent the drilling of unnecessary wells and otherwise prevent waste, protect correlative rights, and protect fresh water resources.

IT IS THEREFORE ORDERED THAT:

(1) The applicant, Ray Westall, is hereby authorized to utilize Texas Crude Oil Company Tennessee Federal Well No. 1, located 1980 feet from the South line and 660 feet from the East line (Unit I) of Section 21, Township 19 South, Range 31 East, NMPM, North Hackberry Yates-Seven Rivers Pool, Eddy County, New Mexico, to dispose of produced salt water into the Seven Rivers formation, injection to be accomplished through 2 3/8-inch tubing installed in a packer set at approximately 2400 feet, with injection into the perforated interval from approximately 2420 feet to 2491 feet and into the open-hole interval from approximately 2491 feet to 2581 feet;

PROVIDED HOWEVER THAT, said tubing shall be internally plastic-lined; the casing-tubing annulus shall be filled with an inert fluid; and a pressure gauge shall be attached to the annulus or the annulus shall be equipped with an approved leak

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Case No. 8730

Order No. R-8173

detection device in order to determine leakage in the casing, tubing, or packer.

PROVIDED FURTHER THAT, prior to commencing injection operations, the casing in the subject well shall be pressure-tested to assure the integrity of such casing in a manner that is satisfactory to the supervisor of the Division's district office at Artesia.

(2) The injection well or system shall be equipped with a pressure limiting switch or other acceptable device which will limit the wellhead pressure on the injection well to no more than 485 psi.

(3) 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 Seven Rivers formation.

(4) The operator shall notify the supervisor of the Artesia district office of the Division in advance of the date and time of the installation of disposal equipment and of the mechanical integrity pressure test in order that the same may be witnessed.

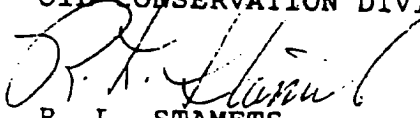
(5) The operator shall immediately notify the supervisor of the Division's Artesia district office of the failure of the tubing, casing, or packer, in said well or the leakage of water from or around said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

(6) The applicant shall conduct disposal operations and submit monthly reports in accordance with Rules 702, 703, 704, 705, 706, 708, and 1120 of the Division Rules and Regulations.

(7) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


R. L. STAMETS,
Director

S E A L

**Laboratory Services, Inc.**

4016 Fiesta Drive
Hobbs, New Mexico 88240
Telephone: (505) 397-3713

Water Analysis**COMPANY** Sante Fe Snyder**SAMPLE** Maljamar Federal
SAMPLED BY**DATE TAKEN****REMARKS**

Barium as Ba	0	
Carbonate alkalinity PPM	0	
Bicarbonate alkalinity PPM	764	
pH at Lab	6.23	
Specific Gravity @ 60°F	1.141	
Magnesium as Mg	22,910	
Total Hardness as CaCO ₃	39,500	
Chlorides as Cl	135,199	
Sulfate as SO ₄	750	
Iron as Fe	58	
Potassium	12	
Hydrogen Sulfide	0	
Rw	0.07	23.0 C
Total Dissolved Solids	177,500	
Calcium as Ca	16,590	
Nitrate	0	

Results reported as Parts per Million unless stated**Langelier Saturation Index** + 1.63

Analysis by: Rolland Perry
Date: 9/15/99