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WRITER:

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February 4, 2013

HAND DELIVERY

Florene Davidson
Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

Case 14960

2013 FEB -4 P 4:53
RECEIVED OOD

Re: Application of New Mexico Salt Water Disposal Co., Inc.

Dear Florene:

On behalf of New Mexico Salt Water Disposal Co., Inc. ("NMSWD), I am enclosing: (1) NMSWD's application for authorization to inject; and (2) a proposed publication notice.

I request that NMSWD's application be set on the March 7, 2013 Examiner docket.

Thank you for your attention to this matter,

Very truly yours,

Gary W. Larson

GWL:rc
Encls.

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

Side 1

INJECTION WELL DATA SHEET

OPERATOR:

INJECTION WELL DATA SHEET

OPERATOR: _____ New Mexico Salt Water Disposal Company, Inc. _____

WELL NAME & NUMBER: _____ API # 30-025-25558; Tipperary 28 State #1 _____

WELL LOCATION: _____ 1980' FSL/660' FEL; UL-I; Sec.-28; T10S-R34E _____

FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

CONSTRUCTION DATA

WELL

Surface Casing

Hole Size: _____ 15" _____ Casing Size: _____ 12-3/4" @ 427' _____

Cemented with: _____ sx. *or* _____ ft³

Top of Cement: _____ Surface _____ Method Determined: _____ Visual _____

Intermediate Casing

Hole Size: _____ 9-3/4" _____ Casing Size: _____ 8-5/8" _____

Cemented with: _____ sx. *or* _____ ft³

Top of Cement: _____ Circulated to Surface _____ Method Determined: _____ Visual _____

Production Casing

Hole Size: _____ 7-7/8" _____ Casing Size: _____ 4-1/2" 13.50# & 11.60# N-80 LT&C _____

Cemented with: _____ 1st stage 1100 sx class H w/.06% Halad 22 & 5# KCL per sx _____ *or* _____ ft³
2nd stage 1125 sx Halliburton light w/9# salt & .05% CFR-2 & 1/4# floseal _____ sx.

Top of Cement: _____ 3900' from surface _____ Method Determined: _____ Temp. Survey _____

Total Depth: _____ 14024 _____

Injection Interval

OLD Devonian formation: 13424 to 13531 to 13531 to 14024 493' Open Hole _____ through perfs 107' _____ feet

New Disposal formation: Glorieta at 5588 to 5602 + 5614 to 5636 + 5640 to 5648 + 5652 to 5660 a total of 52 feet

INJECTION WELL DATA SHEET

Tubing Size: 2-3/8" 4.7# J-55 8rd EUE Lining Material: Seal-Tite

Type of Packer: 2-3/8" X 4-1/2" nickel plated packer

Packer Setting Depth: 5550' below surface

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____ Yes No

If no, for what purpose was the well originally drilled? Devonian Oil Producer
determined to be a dry hole and was taken over by NMSWD for a disposal well _____

2. Name of the Injection Formation: OLD=Devonian; NEW=Glorieta

3. Name of Field or Pool (if applicable): Simanola

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. Listed above

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: The well was a dry hole as determined by Operator-Tipperary Potential hydrocarbon producing zones in the area are: San Andres approximately 4254' to 5580'

Case 14960: **Application of New Mexico Salt Water Disposal Co., Inc. for authorization to inject.** Applicant seeks an order authorizing it to inject produced water into its State 28 #001 SWD well (API # 30-025-25558) for disposal in the Glorieta formation from 5,588 to 5,660 feet below ground surface. The State 28 # 001 SWD well is located 1,980 feet from the South line and 660 feet from the East line in Unit Letter I, Section 28, Township 10 South, Range 34 East, NMPM, in Lea County. Applicant proposes a maximum injection pressure of 800 psi and a maximum rate of injection of 3,500 barrels of water per day. The State 28 # 001 SWD well is located 9.2 miles southwest of Tatum, New Mexico.

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