

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons.

N.M. Div-Dist. 2

1901 W. Grand Avenue

Artesia NM 88210

SUNDRY NOTICES AND REPORTS ON ABANDONED WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

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SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Southwestern Energy Production Company

3a. Address **2350 N. Sam Houston Pkwy. E.E.,
Suite 300, Houston, TX 77032**

3b. Phone No. (include area code)
281-618-4739 - ARTESIA

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

Section 29, T17S, R29E

5. Lease Serial No.

NM-14840

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

28088

8. Well Name and No.

Empire Deep "29" Federal #1

9. API Well No.

30-015-31813

10. Field and Pool, or Exploratory Area

Empire; Greyburg Morrow

11. County or Parish, State

Eddy County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Primary and Secondary SWD
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Primary Salt Water Disposal Site - Loco Hills SWD

Secondary Salt Water Disposal Site - Soat SWD

**SUNDRY IS BEING RETURNED FOR ADDITIONAL
INFORMATION**

PLEASE SEE ATTACHED

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

Vonnie J. Germin

Title **Production / Drilling Analyst**

Signature

Date **March 07, 2003**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title, or those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 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.

COMPOUND	EQ. WT.	X	*meq/L =	mg/L.
Ca(HCO ₃) ₂	81.04		7.18	582
CaSO ₄	68.07		6.15	418
CaCl ₂	55.50		16.57	920
Mg(HCO ₃) ₂	73.17		0.00	0
MgSO ₄	60.19		0.00	0
MgCl ₂	47.62		24.92	1,187
NaHCO ₃	84.00		0.00	0
NaSO ₄	71.03		0.00	0
NaCl	58.46		465.44	27,210