

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

CLSF

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

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

5. Lease Serial No.
LC-028936D

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
Big Tank "33" Federal #1

9. API Well No.
30-015-31995

10. Field and Pool, or Exploratory Area
Exploratory

11. County or Parish, State
Eddy, NM

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Southwestern Energy Prod. Co.

3a. Address 2350 N Sam Houston Pkwy. Ste 300 Phone No. (include area code)
Houston TX, 77032 (281) 618-4775

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1980' FSL 1380' FEL
Sec. 33, T17S R30E

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 checked="" 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 type="checkbox"/> Other
	<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 recomplete 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 recompletion 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.)

While drilling at 8819', total loss of circulation was encountered in the top of the Cisco formation. We contacted Mr. Armando Lopez with the BLM in Roswell and discussed our plans to set an unplanned 7" string of casing. We have since regained partial circulation and intermittently lose total returns.

Our plan is to dry drill if necessary to $\pm 9400'$ (est. 150'-200' below lowest zone of loss). Set 7", 26 lb/ft, P-110, LTC casing at 9400' with an Annular Casing Packer to be run in casing string at $\pm 8600'$ and a Cementing Stage Tool to be run immediately above the ACP. Cementing is to be performed in two stages with the first stage pumped as follows: 100 sx (35:65) Poz:Class C + 6% gel + .25 lb/sk cello flake + 5 lb/sk LCM + .5% fluid loss additive, placing cement from 9400' to $\pm 8600'$. After the first stage is pumped, the ACP will be inflated and circulation will be established after opening the stage tool at $\pm 8600'$. The second cement stage will then be pumped as follows: lead slurry of 420 sx (50:50) Poz:Class C + 10% gel + .25 lb/sk cello flake + 5 lb/sk LCM + .3% extender + 3% NaCl + .4% fluid loss additive and tail slurry of 100 sx Class C + .7% fluid loss additive, placing cement from $\pm 8600'$ to 3900' (100' up inside of 9-5/8" casing). We will then drill to PTD of 11,900'. Subsequent to this, if potential productive zones are encountered, the production string of casing will change to a 4-1/2", 11.6 lb/ft, P-110, LTC liner to be run from 9100' to 11,900' and cemented for the entire length with 250 sx (15:61:11) Poz:Class C:CSE + 5 lb/sk LCM + 3% KCl + .6% salt tolerant fluid loss additive + .6% high mol. wt. fluid loss additive.

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

Name (Printed/Typed) <u>Jill Hegemier</u>	Title <u>Production Analyst</u>
Signature 	Date <u>10-26-01</u>

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 to 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.